

ملحق: جدول التوزيعات الاحتمالية

www.elsevier.com/locate/jmb

عبد المصطفى



المملكة العربية السعودية  
الجمهورية العربية السورية  
البحرين



المملكة العربية السعودية  
الجمهورية العربية السورية  
البحرين

### حصص أعمال الردم بالرمال حول خط الغاز

الحجم	العدد	الارتفاع	العرض	طول	Zone
225.00	1	1.5	1.5	100	القطاع
225.00	الإجمالي (م <sup>3</sup> )				

مهندس الاستشاري  
م. الرضا علي

مهندس البنى التحتية

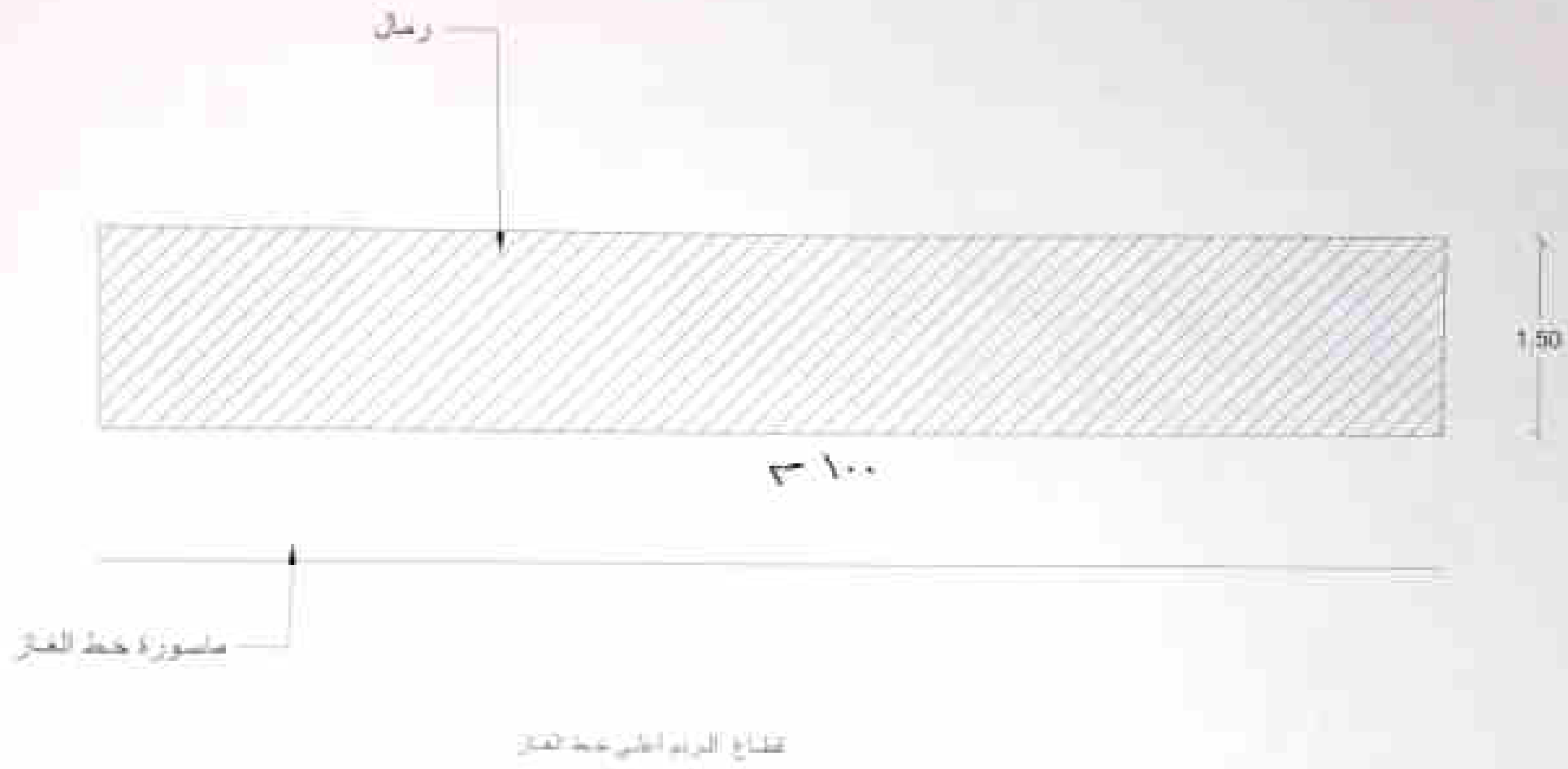
السيد

يقيم

السيد

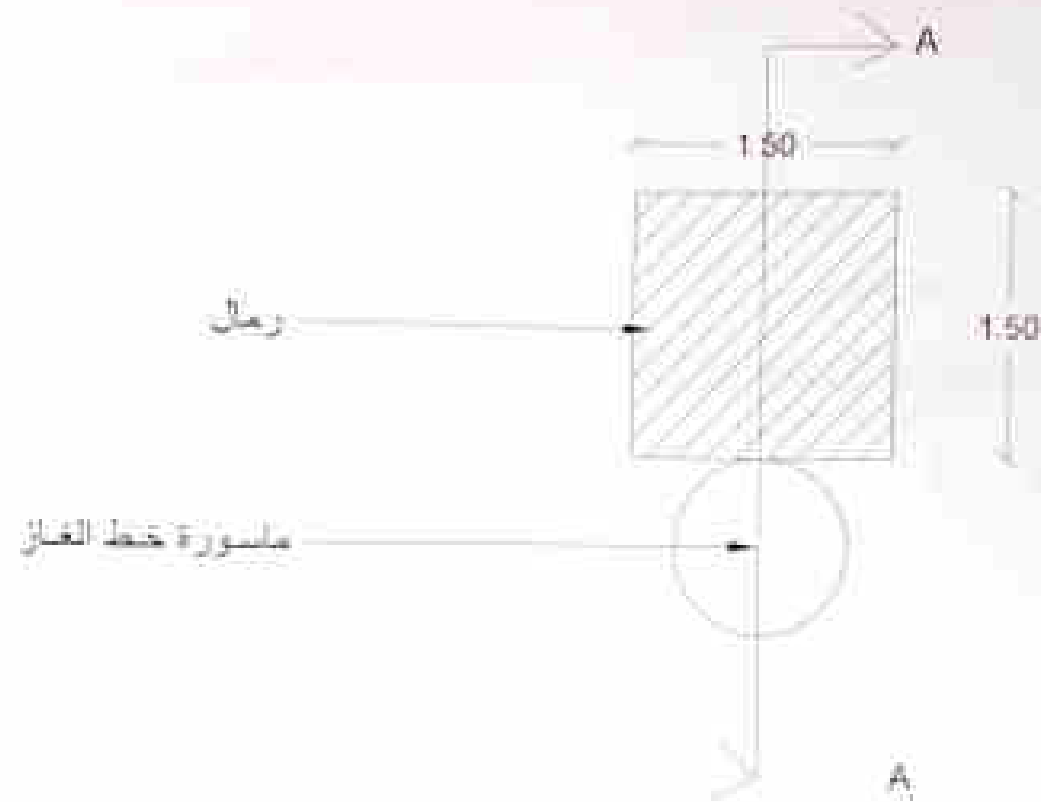
رؤاد

السيد



Section (A-A)

مركبات ميكانيكية



قطع الزخم خط العنق

*[Handwritten signature]*



وزارة النقل  
الهيئة العامة للطرق والكباري  
شؤون الكباري و الطرق  
شركة الطرق والكباري  
الهيئة العامة للطرق والكباري  
ش.م.م

الهيئة العامة  
للطرق والكباري و النقل  
(G.A.R.T.)



وزارة النقل  
الهيئة العامة للطرق والكباري  
الهيئة العامة للطرق والكباري المنطقه الثالثه عشر  
شركة الطرق العامة للطرق والكباري

توريد ورمي رمال لتغطية أسفل سوز السكة الحديد						
المعيار	الطول	العرض	الارتفاع	الحجم	العدد	الاجمالي ب م <sup>3</sup>
1	59.54	6	1.21	432.2604	1	432.2604
2	49.229	6	1.21	357.40254	1	357.40254
الاجمالي						789.66294

عن الهيئة  
مخار

عن المنشأه  
مخار

عن الشركة  
مخار



وزارة النقل  
الهيئة العامة للمطرق والكباري  
تنفيذ شركة النيل العامة للمطرق والكباري

وزارة النقل  
الهيئة العامة للمطرق والكباري  
الهيئة العامة للمطرق والكباري المنطقة الثالثة عشر

توريد وردم رمال صالحه للردم أسفل بجانب حوازيق العزقة الثالثة للمصرف						
العنصر	الطول	العرض	الارتفاع	الحجم	العدد	الاجمالي ب م
1	65.74	17.2	2.5	2826.82	1	2826.82
			الاجمالي			2826.82

عن الهيئة  
عبد

عن الاستشاري  
كامل

عن الشركة  
عبد



حصر الجمر بوزن الجمر السائل في كل يوم

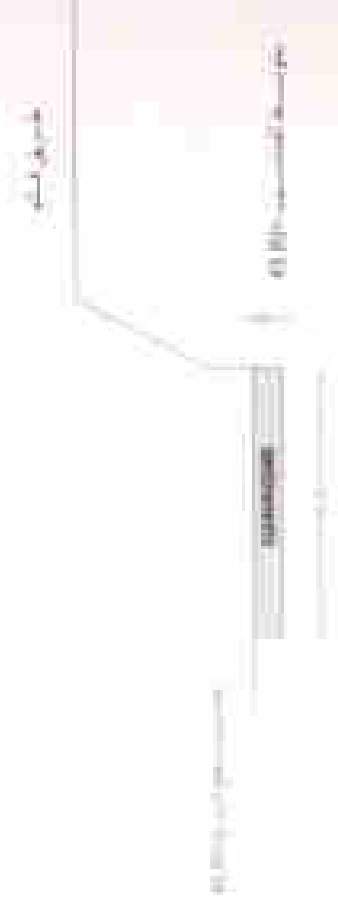
رقم القطاع	رقم الجمر	نوع الجمر	وزن الجمر الاجمالي	نوع الجمر	وزن الجمر	نوع الجمر (م)
قطاع الجمر	7	نوع الجمر السائل الجمر والجمرة السائلة والجمرة السائلة	37.44	1	8.25	344.589
قطاع الجمر	8	نوع الجمر السائل الجمر والجمرة السائلة والجمرة السائلة	38.41	1.02	6.9	554.700
اجمالي كمية الجمر						899.289

مدير المشروع الاستراتيجي

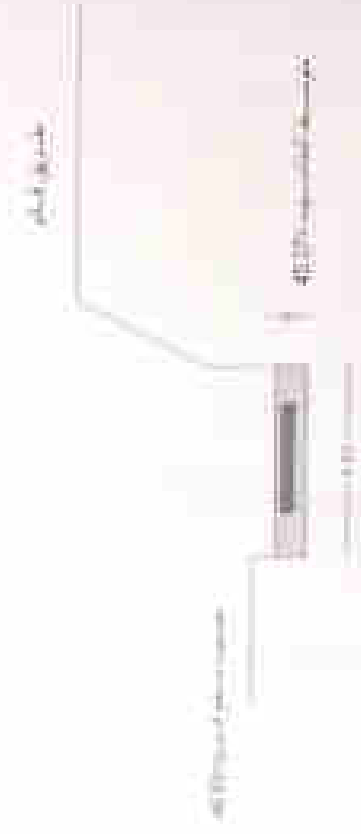


مهندس الشركة



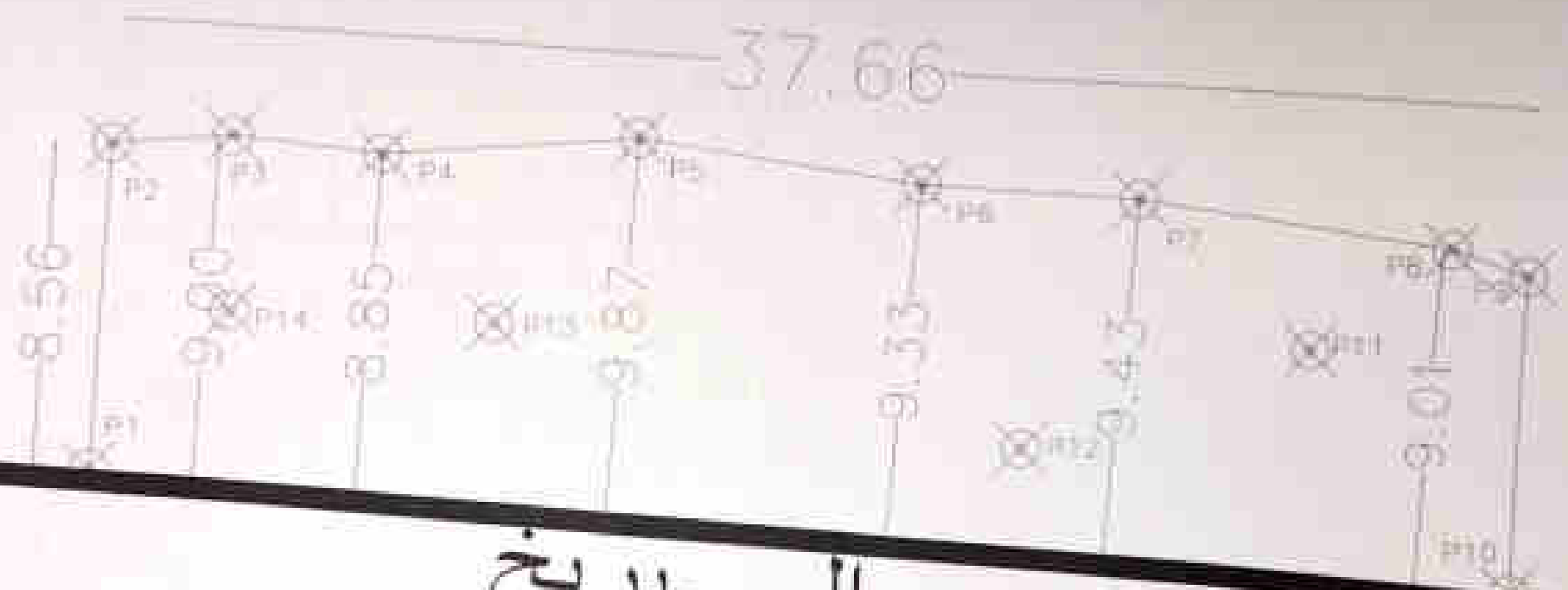


القطاع الأول



القطاع الثاني

# قطاعات الحفر

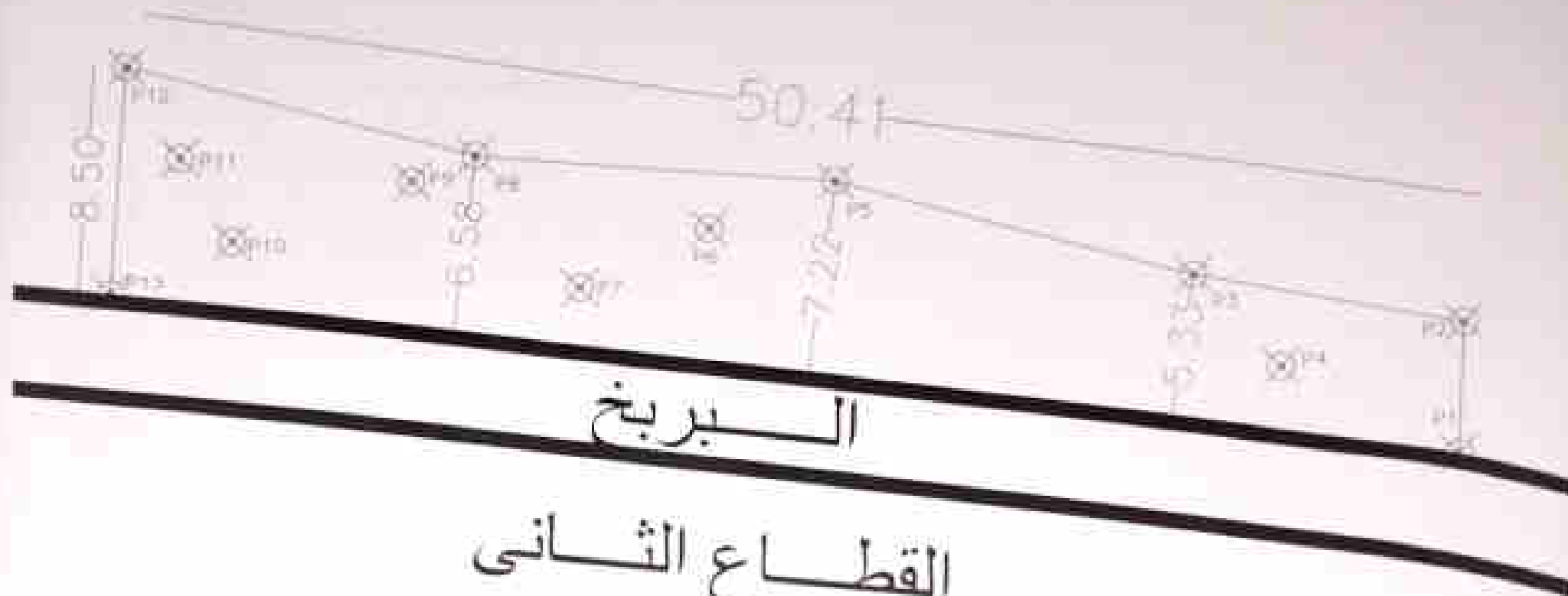


البربخ

القطاع الاول

نقط المراقبة للمطام الحفر الأول

POINT	EASTING	NORTHING	LEVEL
P1	548913.2643	930542.907	45.89
P2	548913.855	930551.449	45.92
P3	548917.005	930551.621	45.89
P4	548920.9321	930551.142	45.77
P5	548927.7132	930551.5622	45.89
P6	548935.235	930550.3177	45.89
P7	548940.99	930549.8488	45.63
P8	548949.3114	930548.4591	45.89
P9	548951.352	930547.742	45.78
P10	548950.714	930539.2688	45.97
P11	548945.5516	930545.8195	45.95
P12	548937.8998	930543.311	45.8
P13	548923.8815	930546.7373	45.75
P14	548916.903	930547.0432	45.88





نقط السورانية لقطاع البحر الثاني

POINT	EASTING	NORTHING	LEVEL
P1	549000.45	930531.7992	45.01
P2	549000.876	930536.756	45.04
P3	548990.9689	930538.8733	44.77
P4	548994.1208	930535.289	45.1
P5	548977.7591	930542.8875	45.09
P6	548973.0487	930541.2251	45.14
P7	548968.2127	930539.1449	44.73
P8	548964.3104	930544.1639	45.15
P9	548961.9076	930543.2441	45.12
P10	548955.2351	930541.1028	44.99
P11	548953.3374	930544.2842	44.96
P12	548951.352	930547.742	44.95
P13	548950.7097	930539.2692	45.9

خبر الجسر بمرافق الطرق أسفل مبنى التوزيع لاحتياج سوق المنطقة

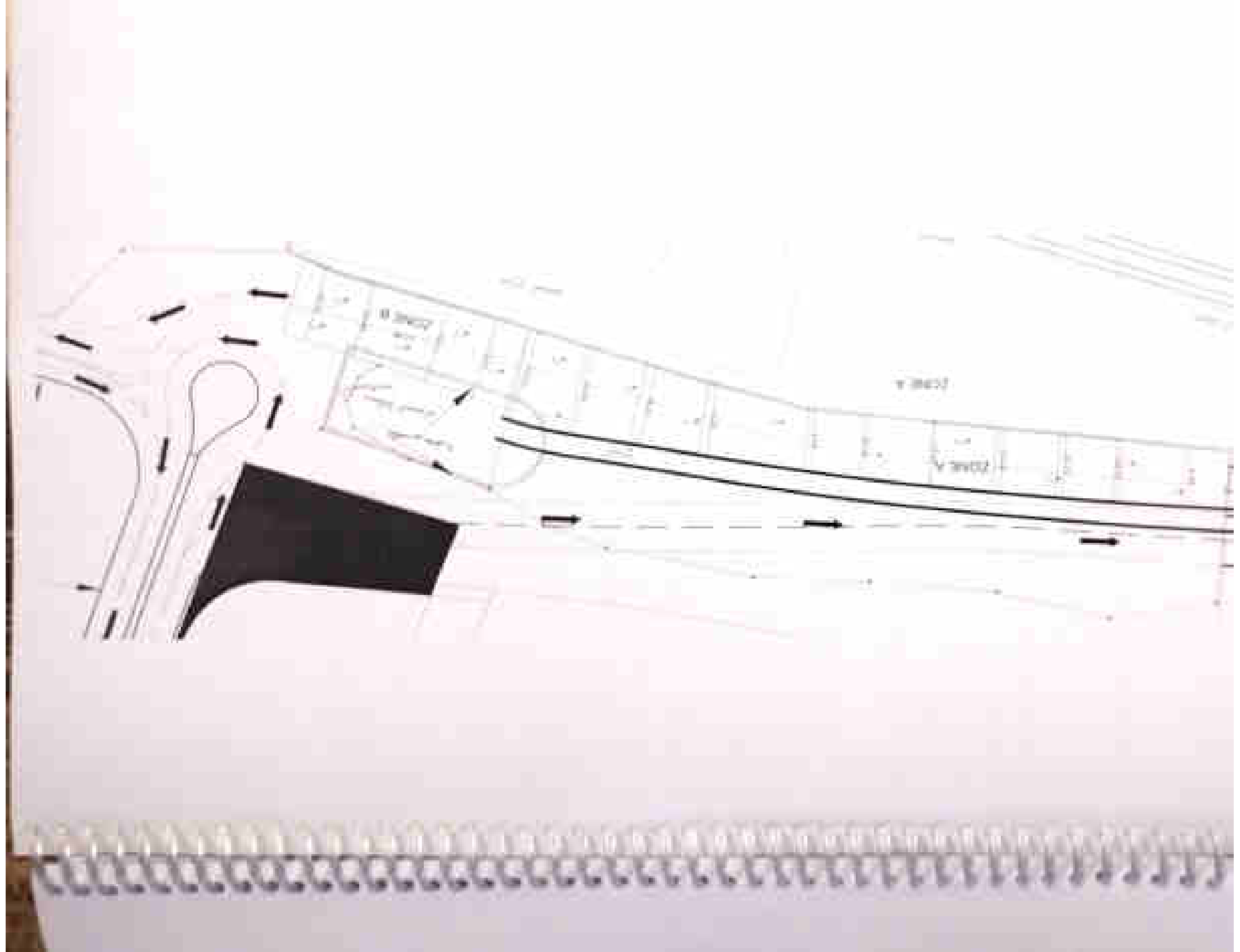
رقم القطاع	رقم البنية	نوع البنية	طول الجسر الاحتياج	مساحة الجسر	تقريب التكلفة
ZONE A	1	جسر لربط المنطقة الصناعية والمنطقة السكنية	115.54	1.30	1113.750
ZONE B	1	جسر لربط المنطقة الصناعية والمنطقة السكنية	17.60	1.40	714.610
إجمالي تكاليف الجسر					2948.370

مدير المشروع



مهندس الشركة





موزانية شبكية قبل الخطر لمتوال الكوبري الجزء جايك الريح وسور المحطة

POINT	EASTING	NORTHING	level
P1	548898.648	930537.593	47.48
P2	548906.372	930532.830	47.5
P3	548918.203	930535.293	47.39
P4	548932.171	930529.216	47.43
P5	548946.304	930531.680	47.21
P6	548961.915	930526.260	46.98
P7	548975.554	930526.260	46.82
P8	548985.743	930520.840	47.8
P9	548997.180	930516.007	47.53
P10	548997.988	930525.389	46.94

مدرسية شبكية بعد الحفر لمدخل الكوبرى الجزء مابين الشرق والغرب

POINT	EASTING	NORTHING	level
P1	548898.648	930537.5927	46.02
P2	548906.3715	930532.8297	45.89
P3	548918.2032	930535.2933	45.83
P4	548932.1713	930529.2163	45.84
P5	548946.3036	930531.68	45.93
P6	548961.9149	930526.26	45.95
P7	548975.5543	930526.26	46.02
P8	548985.7428	930520.84	45.92
P9	548997.1797	930516.0066	45.95
P10	548997.99	930525.39	46.07



ଅନୁମୋଦିତ



ଅନୁମୋଦିତ



ଅନୁମୋଦିତ

ପ୍ରାଥମିକ ବିଦ୍ୟାଳୟ, ପାଟଣା, ଖୋର୍ଦ୍ଧା ଜିଲ୍ଲା					
କ୍ର. ସଂଖ୍ୟା	ନାମ	ପ୍ରାଥମିକ	ମାଧ୍ୟମିକ	ଉଚ୍ଚ ମାଧ୍ୟମିକ	ମୋଟ
1866/47604	ଶ୍ରୀମତୀ ସୁମିତ୍ରା ଦାଶ	1	2.80	584.7664	587.5664
1021.7064	ଶ୍ରୀମତୀ ସୁମିତ୍ରା ଦାଶ	1	2.80	1021.7064	1024.5064

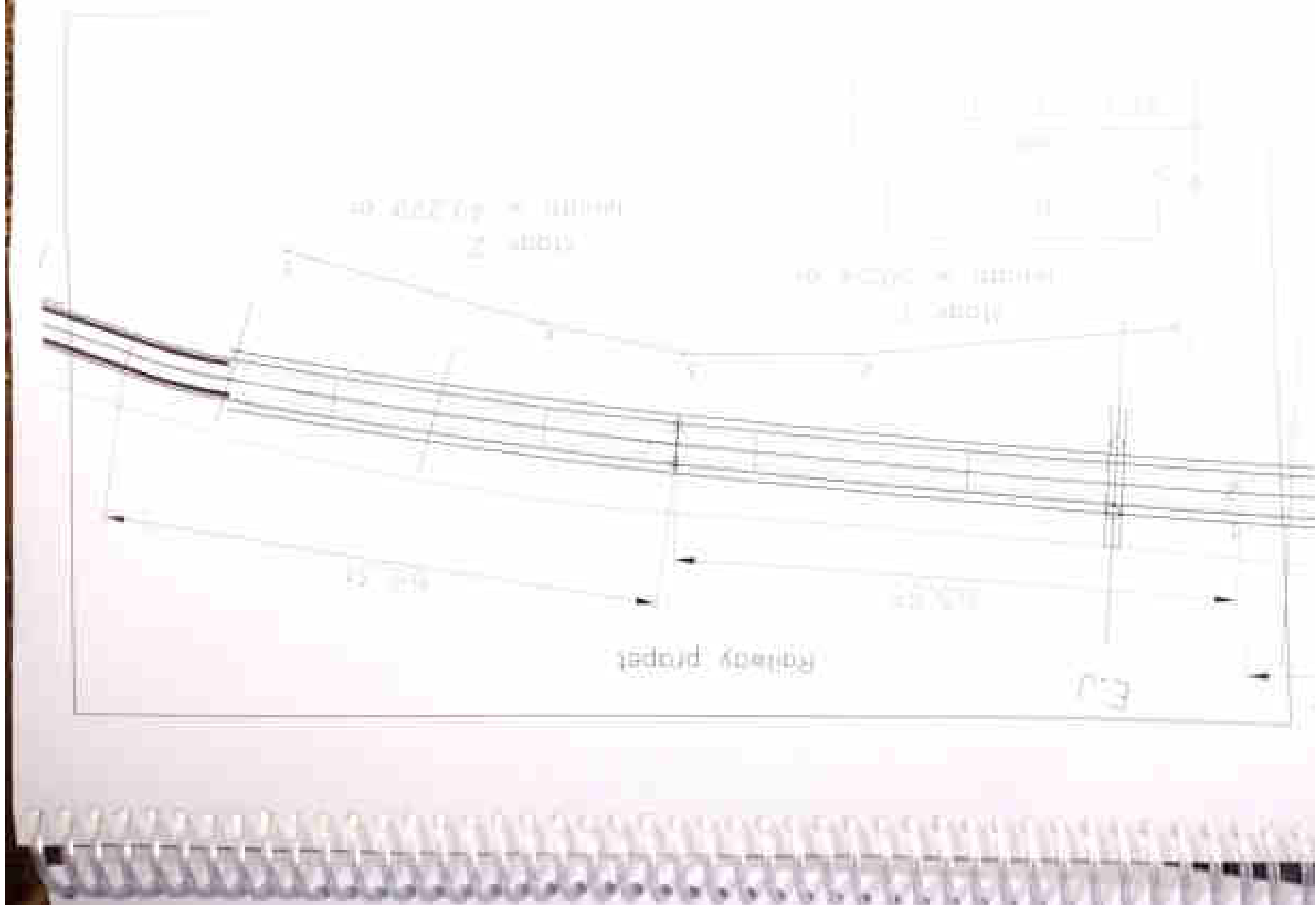
ପ୍ରାଥମିକ ବିଦ୍ୟାଳୟ, ପାଟଣା, ଖୋର୍ଦ୍ଧା ଜିଲ୍ଲା  
ଅନୁମୋଦିତ  
ଅନୁମୋଦିତ

ଅନୁମୋଦିତ



ଖୋର୍ଦ୍ଧା ଜିଲ୍ଲା ପରିଷଦ  
(ଖୋର୍ଦ୍ଧା)

ଖୋର୍ଦ୍ଧା ଜିଲ୍ଲା ପରିଷଦ  
ଅନୁମୋଦିତ  
ଅନୁମୋଦିତ



  
 १०/१०/१०

  
 १०/१०/१०

  
 १०/१०/१०

१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०
१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०
१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०
१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०	१०/१०/१०

१०/१०/१०  
 १०/१०/१०  
 १०/१०/१०

१०/१०/१०



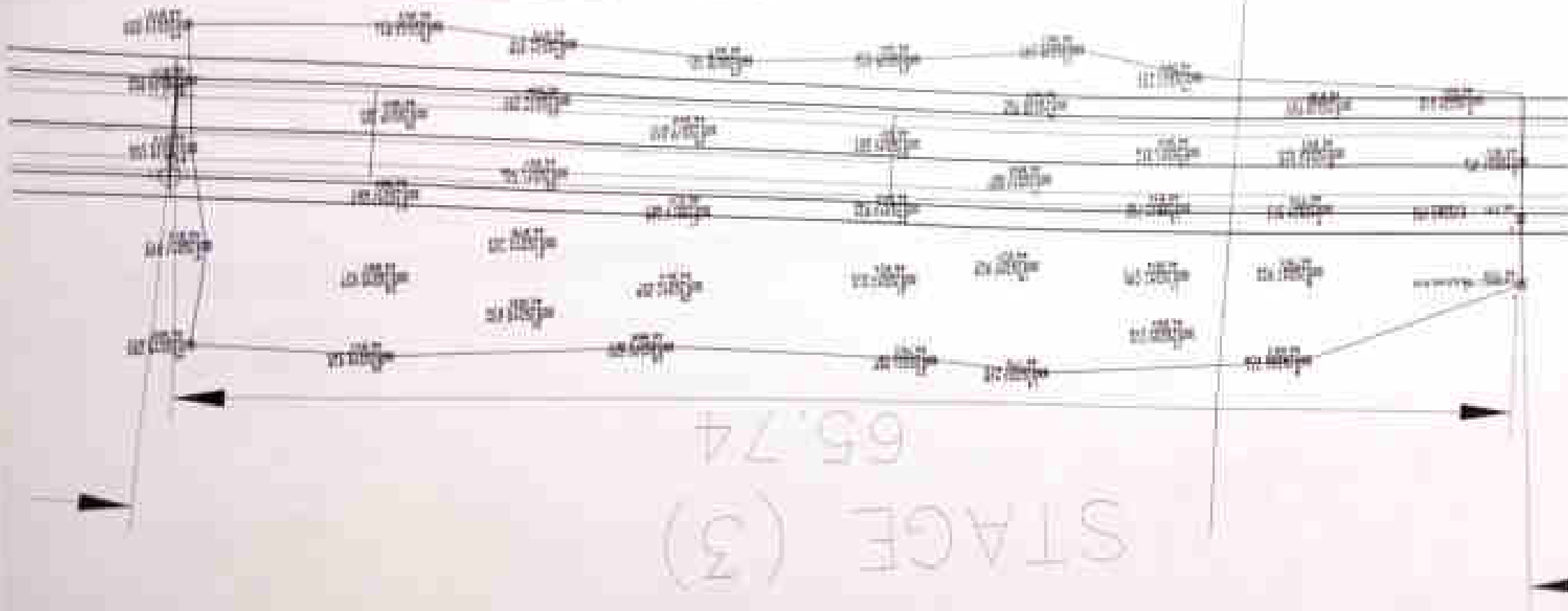
(CIVILIAN)  
 १०/१०/१०  
 १०/१०/१०

१०/१०/१०

१०/१०/१०  
 १०/१०/१०  
 १०/१०/१०



STAGE 3 OF CULVERT  
(EXCISE 11)





ଶ୍ରୀ ରାମଚନ୍ଦ୍ର



ଶ୍ରୀ ରାମଚନ୍ଦ୍ର



ଶ୍ରୀ ରାମଚନ୍ଦ୍ର

10288.008	10288.008	1	10288.008	4.5	17.2	20.02	ଶ୍ରୀ ରାମଚନ୍ଦ୍ର
ଶ୍ରୀ ରାମଚନ୍ଦ୍ର	ଶ୍ରୀ ରାମଚନ୍ଦ୍ର	ଶ୍ରୀ ରାମଚନ୍ଦ୍ର	ଶ୍ରୀ ରାମଚନ୍ଦ୍ର	ଶ୍ରୀ ରାମଚନ୍ଦ୍ର	ଶ୍ରୀ ରାମଚନ୍ଦ୍ର	ଶ୍ରୀ ରାମଚନ୍ଦ୍ର	ଶ୍ରୀ ରାମଚନ୍ଦ୍ର
ଶ୍ରୀ ରାମଚନ୍ଦ୍ର							

ଶ୍ରୀ ରାମଚନ୍ଦ୍ର  
ଶ୍ରୀ ରାମଚନ୍ଦ୍ର  
ଶ୍ରୀ ରାମଚନ୍ଦ୍ର

ଶ୍ରୀ ରାମଚନ୍ଦ୍ର

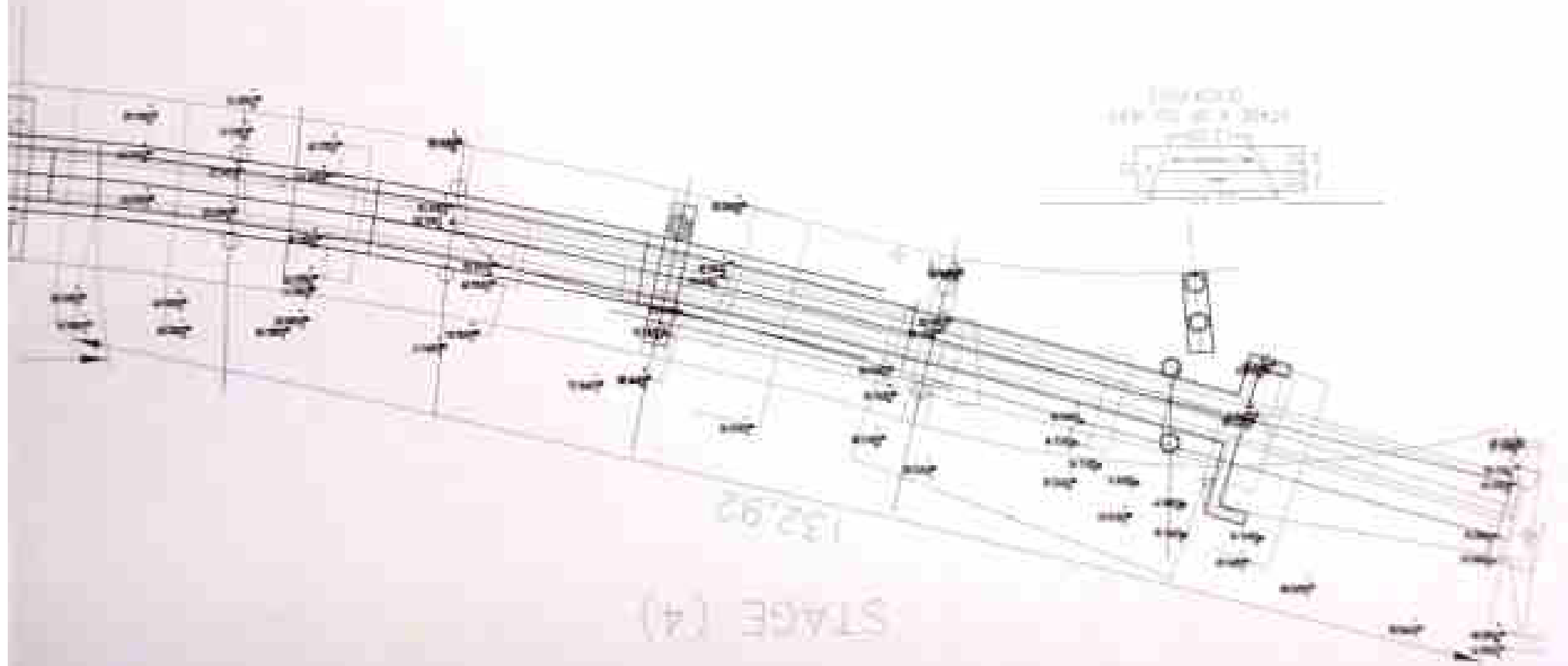


ଶ୍ରୀ ରାମଚନ୍ଦ୍ର

ଶ୍ରୀ ରାମଚନ୍ଦ୍ର

ଶ୍ରୀ ରାମଚନ୍ଦ୍ର

ଶ୍ରୀ ରାମଚନ୍ଦ୍ର







الجمهورية العربية السعودية  
وزارة الزراعة والصيد البحري

مركز البحوث الزراعية  
إدارة البحوث التطبيقية

مركز البحوث الزراعية  
إدارة البحوث التطبيقية

مركز البحوث الزراعية - المنطقة الوسطى - مركز البحوث التطبيقية						
العدد	العدد	النسبة	النسبة	العدد	النسبة	العدد
30.00	3	0.3	95	0.4	340	semples
20.00	45	0.4	1.0	8	0.4	collected
10.48	1	0.01	71.83	5.9	10.7	العدد
30.17	3	0.25	40.04	3.8	10.7	
8.86	1	0.05	45.41	3.9	3.96	
3.17	1	0.25	28.88	4.25	6.75	
143.26	الإجمالي (100)					

مدير البحوث التطبيقية  
د. أحمد العبد

مهندس الشركة

د. أحمد العبد

## کوری مزلقان ابر حص



Handwritten signature or mark.

Handwritten text at the bottom of the page.

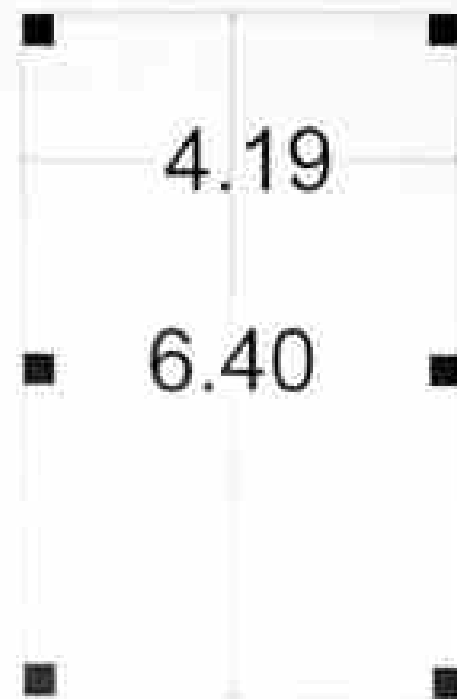
حصير تكسير الخرسانة المسلحة لمبنى السوبر ماركت المتعارض مع منزل الكوبري

Zone	طول	ارتفاع	المساحة	السطح	العدد	الحجم
sewels	21.2	0.6	12.72	0.5	1	6.36
columns	0.4	4	1.6	0.4	6	3.84
slabs	6.4	4.2	26.88	0.25	1	6.72
الاحمال (م <sup>3</sup> )						16.92

مدير المشروع الاستشاري  
د. محمد العبدالله

مهندس الشركة  
[Signature]

## كوبري مزلقان أبو حمص



Handwritten signature or mark.

السوبر ماركت الموجود المتعارض مع المنزل



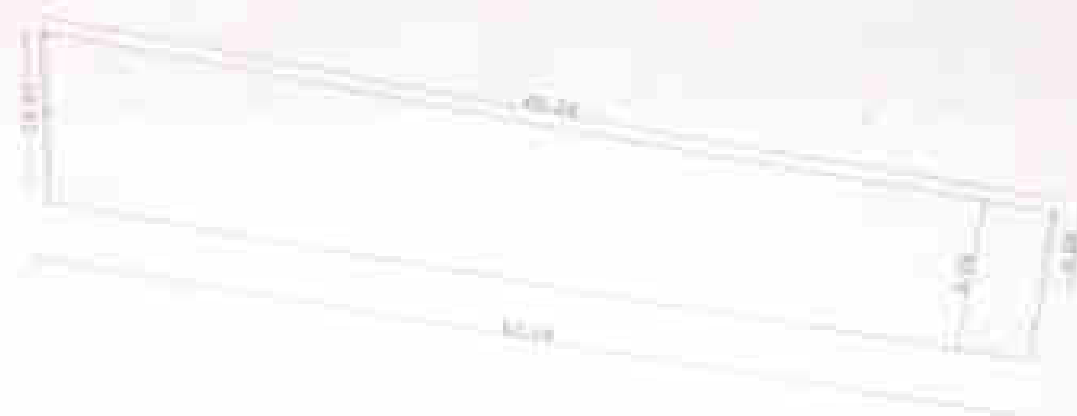
حصير تكسير الخرسانة المسلحة لسور وقواعد البازينة المتعارضة مع مطلع الكوبري						
Zone	طول	ارتفاع	المساحة	السُمْك	العدد	الحجم
semels	30	0.6	18	0.5	1	9.00
columns	0.4	4	1.6	0.4	5	3.20
الإجمالي (م <sup>3</sup> )						12.20

مدير المشروع الاستشاري  
 محمد محمد الجمل

مهندس الشركة



## كوبرى مزلقان ابو حمص



قطاعات التكرار بالتدوير المتواحد مع المثلثات الكونية

*[Handwritten signature]*

[illegible]

© 2000 Blackwell Science Ltd  
Journal of Internal Medicine 247: 395–401



100% Satisfaction  
 24/7 Customer Support  
 100% Money Back Guarantee

حصص تكسير الخرسانة المسلحة لسور وقواعد البنية المتعارضة مع منزل الكوبري						
الحجم	العدد	المكان	المساحة	ارتفاع	طول	Zone
6.00	1	0.5	12	0.6	20	semels
6.00	الإجمالي (م <sup>3</sup> )					

دینا ایف بی اے

محمدي ابي

4

# کوبیری مزلقان ابو حمص



قطعات لک التک. در بلیغز به المصنوعه. به درک الکوبیری

مدير عام شركة  
البنوك الإسلامية

مدير عام شركة  
البنوك الإسلامية

مدير عام شركة  
البنوك الإسلامية

رئيس مجلس إدارته	رئيس مجلس إدارته
رئيس مجلس إدارته	رئيس مجلس إدارته

مدير عام شركة  
البنوك الإسلامية

مدير عام شركة  
البنوك الإسلامية

الاسم	الوظيفة	الدرجة
مدير عام شركة	مدير عام شركة	مدير عام شركة
مدير عام شركة	مدير عام شركة	مدير عام شركة
مدير عام شركة	مدير عام شركة	مدير عام شركة
مدير عام شركة	مدير عام شركة	مدير عام شركة

مدير عام شركة  
البنوك الإسلامية

مدير عام شركة  
البنوك الإسلامية

مدير عام شركة  
البنوك الإسلامية

مدير عام شركة  
البنوك الإسلامية

مدير عام شركة  
البنوك الإسلامية

مدير عام شركة  
البنوك الإسلامية



المملكة العربية السعودية  
الجمهورية العربية السورية  
البحرين



المملكة العربية السعودية  
الجمهورية العربية السورية  
البحرين

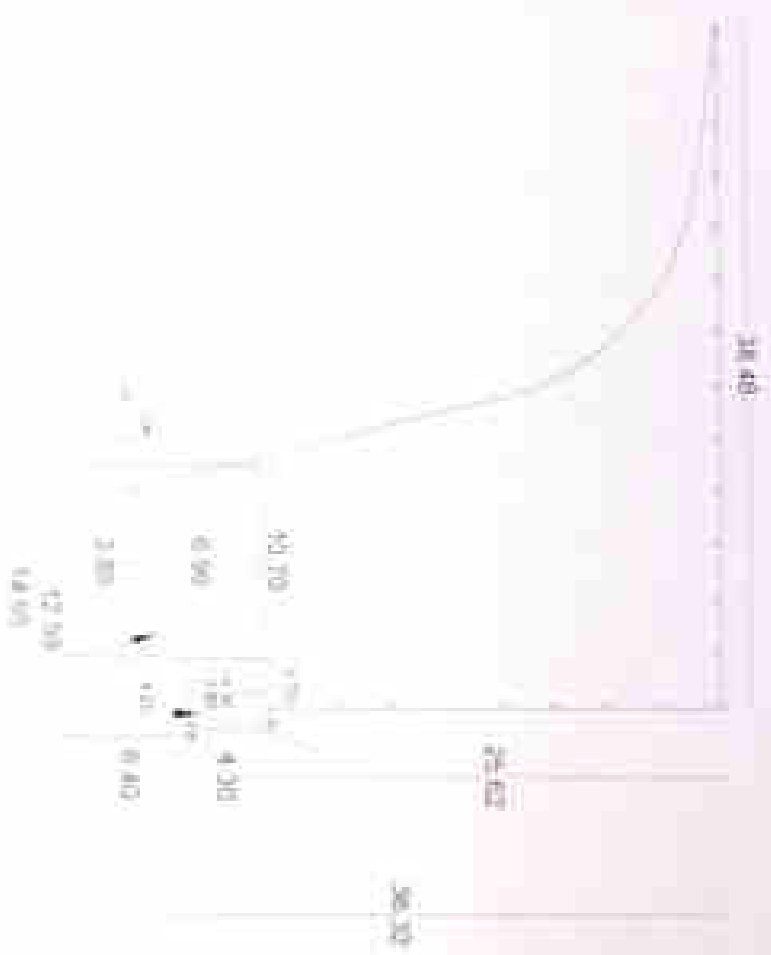
حصى كسور الخرسانة العادية لجدار السور ولقوف من الرق						
Zone	حجم	ارتفاع	المساحة	السمك	الطبقة	الحجم
outer walls	91.29	4	963.12	0.3	1	109.54
inner walls	13.4	4	33.60	0.3	1	16.76
	10.7	4	47.80	0.3	1	12.84
	10.7	4	43.80	0.3	1	12.36
	3.9	4	15.80	0.3	1	4.68
الإجمالي (م <sup>3</sup> )						123.67

مهندس المشروع والمهندس  
14/07/2014

مهندس الشركة

14/07/2014

## کوبیری مزلقان البرصص



حصرتكمسور الخرسانة العادية لمبنى السوبر ماركت المتعارض مع منزل الكوبري

حصو كسبر الخرسانة العادية لنبش السوبر ماركت المتعارض مع منزل الكوبرى						
الحجم	العدد	المكان	المساحة	الارتفاع	طول	Zone
25.44	1	0.3	84.8	4	21.2	outer walls
25.44	الإجمالي (م <sup>3</sup> )					

ملف المصروفات الإضافية

△<sub>1</sub>△<sub>2</sub>△<sub>3</sub>△<sub>4</sub>△<sub>5</sub>△<sub>6</sub>△<sub>7</sub>△<sub>8</sub>△<sub>9</sub>△<sub>10</sub>△<sub>11</sub>△<sub>12</sub>△<sub>13</sub>△<sub>14</sub>△<sub>15</sub>△<sub>16</sub>△<sub>17</sub>△<sub>18</sub>△<sub>19</sub>△<sub>20</sub>△<sub>21</sub>△<sub>22</sub>△<sub>23</sub>△<sub>24</sub>△<sub>25</sub>△<sub>26</sub>△<sub>27</sub>△<sub>28</sub>△<sub>29</sub>△<sub>30</sub>△<sub>31</sub>△<sub>32</sub>△<sub>33</sub>△<sub>34</sub>△<sub>35</sub>△<sub>36</sub>△<sub>37</sub>△<sub>38</sub>△<sub>39</sub>△<sub>40</sub>△<sub>41</sub>△<sub>42</sub>△<sub>43</sub>△<sub>44</sub>△<sub>45</sub>△<sub>46</sub>△<sub>47</sub>△<sub>48</sub>△<sub>49</sub>△<sub>50</sub>△<sub>51</sub>△<sub>52</sub>△<sub>53</sub>△<sub>54</sub>△<sub>55</sub>△<sub>56</sub>△<sub>57</sub>△<sub>58</sub>△<sub>59</sub>△<sub>60</sub>△<sub>61</sub>△<sub>62</sub>△<sub>63</sub>△<sub>64</sub>△<sub>65</sub>△<sub>66</sub>△<sub>67</sub>△<sub>68</sub>△<sub>69</sub>△<sub>70</sub>△<sub>71</sub>△<sub>72</sub>△<sub>73</sub>△<sub>74</sub>△<sub>75</sub>△<sub>76</sub>△<sub>77</sub>△<sub>78</sub>△<sub>79</sub>△<sub>80</sub>△<sub>81</sub>△<sub>82</sub>△<sub>83</sub>△<sub>84</sub>△<sub>85</sub>△<sub>86</sub>△<sub>87</sub>△<sub>88</sub>△<sub>89</sub>△<sub>90</sub>△<sub>91</sub>△<sub>92</sub>△<sub>93</sub>△<sub>94</sub>△<sub>95</sub>△<sub>96</sub>△<sub>97</sub>△<sub>98</sub>△<sub>99</sub>△<sub>100</sub>△<sub>101</sub>△<sub>102</sub>△<sub>103</sub>△<sub>104</sub>△<sub>105</sub>△<sub>106</sub>△<sub>107</sub>△<sub>108</sub>△<sub>109</sub>△<sub>110</sub>△<sub>111</sub>△<sub>112</sub>△<sub>113</sub>△<sub>114</sub>△<sub>115</sub>△<sub>116</sub>△<sub>117</sub>△<sub>118</sub>△<sub>119</sub>△<sub>120</sub>△<sub>121</sub>△<sub>122</sub>△<sub>123</sub>△<sub>124</sub>△<sub>125</sub>△<sub>126</sub>△<sub>127</sub>△<sub>128</sub>△<sub>129</sub>△<sub>130</sub>△<sub>131</sub>△<sub>132</sub>△<sub>133</sub>△<sub>134</sub>△<sub>135</sub>△<sub>136</sub>△<sub>137</sub>△<sub>138</sub>△<sub>139</sub>△<sub>140</sub>△<sub>141</sub>△<sub>142</sub>△<sub>143</sub>△<sub>144</sub>△<sub>145</sub>△<sub>146</sub>△<sub>147</sub>△<sub>148</sub>△<sub>149</sub>△<sub>150</sub>△<sub>151</sub>△<sub>152</sub>△<sub>153</sub>△<sub>154</sub>△<sub>155</sub>△<sub>156</sub>△<sub>157</sub>△<sub>158</sub>△<sub>159</sub>△<sub>160</sub>△<sub>161</sub>△<sub>162</sub>△<sub>163</sub>△<sub>164</sub>△<sub>165</sub>△<sub>166</sub>△<sub>167</sub>△<sub>168</sub>△<sub>169</sub>△<sub>170</sub>△<sub>171</sub>△<sub>172</sub>△<sub>173</sub>△<sub>174</sub>△<sub>175</sub>△<sub>176</sub>△<sub>177</sub>△<sub>178</sub>△<sub>179</sub>△<sub>180</sub>△<sub>181</sub>△<sub>182</sub>△<sub>183</sub>△<sub>184</sub>△<sub>185</sub>△<sub>186</sub>△<sub>187</sub>△<sub>188</sub>△<sub>189</sub>△<sub>190</sub>△<sub>191</sub>△<sub>192</sub>△<sub>193</sub>△<sub>194</sub>△<sub>195</sub>△<sub>196</sub>△<sub>197</sub>△<sub>198</sub>△<sub>199</sub>△<sub>200</sub>△<sub>201</sub>△<sub>202</sub>△<sub>203</sub>△<sub>204</sub>△<sub>205</sub>△<sub>206</sub>△<sub>207</sub>△<sub>208</sub>△<sub>209</sub>△<sub>210</sub>△<sub>211</sub>△<sub>212</sub>△<sub>213</sub>△<sub>214</sub>△<sub>215</sub>△<sub>216</sub>△<sub>217</sub>△<sub>218</sub>△<sub>219</sub>△<sub>220</sub>△<sub>221</sub>△<sub>222</sub>△<sub>223</sub>△<sub>224</sub>△<sub>225</sub>△<sub>226</sub>△<sub>227</sub>△<sub>228</sub>△<sub>229</sub>△<sub>230</sub>△<sub>231</sub>△<sub>232</sub>△<sub>233</sub>△<sub>234</sub>△<sub>235</sub>△<sub>236</sub>△<sub>237</sub>△<sub>238</sub>△<sub>239</sub>△<sub>240</sub>△<sub>241</sub>△<sub>242</sub>△<sub>243</sub>△<sub>244</sub>△<sub>245</sub>△<sub>246</sub>△<sub>247</sub>△<sub>248</sub>△<sub>249</sub>△<sub>250</sub>△<sub>251</sub>△<sub>252</sub>△<sub>253</sub>△<sub>254</sub>△<sub>255</sub>△<sub>256</sub>△<sub>257</sub>△<sub>258</sub>△<sub>259</sub>△<sub>260</sub>△<sub>261</sub>△<sub>262</sub>△<sub>263</sub>△<sub>264</sub>△<sub>265</sub>△<sub>266</sub>△<sub>267</sub>△<sub>268</sub>△<sub>269</sub>△<sub>270</sub>△<sub>271</sub>△<sub>272</sub>△<sub>273</sub>△<sub>274</sub>△<sub>275</sub>△<sub>276</sub>△<sub>277</sub>△<sub>278</sub>△<sub>279</sub>△<sub>280</sub>△<sub>281</sub>△<sub>282</sub>△<sub>283</sub>△<sub>284</sub>△<sub>285</sub>△<sub>286</sub>△<sub>287</sub>△<sub>288</sub>△<sub>289</sub>△<sub>290</sub>△<sub>291</sub>△<sub>292</sub>△<sub>293</sub>△<sub>294</sub>△<sub>295</sub>△<sub>296</sub>△<sub>297</sub>△<sub>298</sub>△<sub>299</sub>△<sub>300</sub>△<sub>301</sub>△<sub>302</sub>△<sub>303</sub>△<sub>304</sub>△<sub>305</sub>△<sub>306</sub>△<sub>307</sub>△<sub>308</sub>△<sub>309</sub>△<sub>310</sub>△<sub>311</sub>△<sub>312</sub>△<sub>313</sub>△<sub>314</sub>△<sub>315</sub>△<sub>316</sub>△<sub>317</sub>△<sub>318</sub>△<sub>319</sub>△<sub>320</sub>△<sub>321</sub>△<sub>322</sub>△<sub>323</sub>△<sub>324</sub>△<sub>325</sub>△<sub>326</sub>△<sub>327</sub>△<sub>328</sub>△<sub>329</sub>△<sub>330</sub>△<sub>331</sub>△<sub>332</sub>△<sub>333</sub>△<sub>334</sub>△<sub>335</sub>△<sub>336</sub>△<sub>337</sub>△<sub>338</sub>△<sub>339</sub>△<sub>340</sub>△<sub>341</sub>△<sub>342</sub>△<sub>343</sub>△<sub>344</sub>△<sub>345</sub>△<sub>346</sub>△<sub>347</sub>△<sub>348</sub>△<sub>349</sub>△<sub>350</sub>△<sub>351</sub>△<sub>352</sub>△<sub>353</sub>△<sub>354</sub>△<sub>355</sub>△<sub>356</sub>△<sub>357</sub>△<sub>358</sub>△<sub>359</sub>△<sub>360</sub>△<sub>361</sub>△<sub>362</sub>△<sub>363</sub>△<sub>364</sub>△<sub>365</sub>△<sub>366</sub>△<sub>367</sub>△<sub>368</sub>△<sub>369</sub>△<sub>370</sub>△<sub>371</sub>△<sub>372</sub>△<sub>373</sub>△<sub>374</sub>△<sub>375</sub>△<sub>376</sub>△<sub>377</sub>△<sub>378</sub>△<sub>379</sub>△<sub>380</sub>△<sub>381</sub>△<sub>382</sub>△<sub>383</sub>△<sub>384</sub>△<sub>385</sub>△<sub>386</sub>△<sub>387</sub>△<sub>388</sub>△<sub>389</sub>△<sub>390</sub>△<sub>391</sub>△<sub>392</sub>△<sub>393</sub>△<sub>394</sub>△<sub>395</sub>△<sub>396</sub>△<sub>397</sub>△<sub>398</sub>△<sub>399</sub>△<sub>400</sub>△<sub>401</sub>△<sub>402</sub>△<sub>403</sub>△<sub>404</sub>△<sub>405</sub>△<sub>406</sub>△<sub>407</sub>△<sub>408</sub>△<sub>409</sub>△<sub>410</sub>△<sub>411</sub>△<sub>412</sub>△<sub>413</sub>△<sub>414</sub>△<sub>415</sub>△<sub>416</sub>△<sub>417</sub>△<sub>418</sub>△<sub>419</sub>△<sub>420</sub>△<



## کوبری مزلقان ابو حمص



السيور ماركت التواجد الشعار مع المنزل



المملكة العربية السعودية  
وزارة الموارد المائية والكهرباء  
Jeddah, K.S.A.



المملكة العربية السعودية  
وزارة الموارد المائية والكهرباء  
Jeddah, K.S.A.

حجم تكسر الخرسانة العادية تسور وقواعد البنية المتعارضة مع منطع الكورن						
الكم	العدد	السمك	المساحة	ارتفاع	طول	Zone
28.00	1	0.3	60	4	15	outer walls
الكم	العدد	السمك	المساحة	ارتفاع	طول	Zone
158.58	1	0.25	634.34	9.89	64.14	slab on grade
176.58	الإجمالي (م <sup>3</sup> )					

مدير المشروع الاستشاري  
م. فهد الحارثي

مهندس الشركة

## كوبرى مزلقان ابو حمص



نظامك انظر على الخريطة المرفقة

حصير تكسير الخرسانة العادية لسور وقواعد البئر المتعارضة مع منزل الكوبري						
Zone	طول	ارتفاع	المساحة	السمك	العدد	الحجم
outer walls	8.62	1	34.68	0.3	1	10.34
Zone	طول	عرض	المساحة	السمك	العدد	الحجم
slab on grade	51.17	4.45	227.71	0.25	1	56.93
الإجمالي 1.3م						67.27

مدير المشروع الاستشاري

م. م. م. م.

مهندس الشركة

م. م. م. م.

## كوبرى مزلقان أبو حمص



قنطرة النكسر نالبرينة المتواجدة في نهر الكوبرى

بیان الأعمال بالمستخلص رقم : (۱۹) جاری

عملية : انشاء كوتيزى مرلقان أبو حمص العلوى

رقم البد وبيانه : (و-ا)

تنفيذ شركة : النيل العامة للطرق والكبارى

2

عن الامتصاري

عن الشركة



مركز المهارات والكفاءات  
الهيئة العامة للتعليم والتقني والتدريب والتكنولوجيا  
الرياض - 11564

الهيئة العامة للتعليم والتقني والتدريب والتكنولوجيا

مركز المهارات والكفاءات (A1)					
الاسم	الجنس	الرقم	الاسم	الجنس	الرقم
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000

مركز المهارات والكفاءات (A2)					
الاسم	الجنس	الرقم	الاسم	الجنس	الرقم
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000

مركز المهارات والكفاءات (A3)					
الاسم	الجنس	الرقم	الاسم	الجنس	الرقم
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000

مركز المهارات والكفاءات (A4)					
الاسم	الجنس	الرقم	الاسم	الجنس	الرقم
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000
أحمد محمد	م	1000	أحمد محمد	م	1000

أحمد محمد

أحمد محمد

أحمد محمد












وزارة التعليم  
 الهيئة العامة للتعليم  
 الهيئة العامة للتعليم

البيانات الخاصة بالمشروع (Project Data)						
رقم المشروع	اسم العميل	نوع العمل	المدة (ساعات)	التكلفة (دينار)	الربح (دينار)	ملاحظات
001	شركة ABC	تطوير برنامج	120	12000	3000	تم تسليمه بنجاح
002	شركة XYZ	تصميم واجهة	80	8000	2000	في انتظار المراجعة
003	شركة PQR	تطوير تطبيق	150	15000	3500	تحت التطوير
004	شركة STU	تصميم قاعدة بيانات	60	6000	1500	تم الانتهاء منه
005	شركة VWX	تطوير موقع إلكتروني	90	9000	2200	في انتظار الاختبار
006	شركة YZA	تصميم نظام إدارة	110	11000	2800	تحت التطوير
007	شركة BCD	تطوير برنامج تحليل	130	13000	3200	تم تسليمه بنجاح
008	شركة EFG	تصميم واجهة مستخدم	70	7000	1800	في انتظار المراجعة
009	شركة HIJ	تطوير تطبيق أندرويد	140	14000	3400	تحت التطوير
010	شركة KLM	تصميم قاعدة بيانات	50	5000	1200	تم الانتهاء منه







البيانات المتعلقة بالمشروع (البيانات الأولية)						
الرقم	الاسم	الجنس	العمر	الدرجة	الوقت	الوقت
1	أحمد	ذكر	25	بكالوريوس	10	10
2	فاطمة	أنثى	22	بكالوريوس	12	12
3	محمد	ذكر	28	ماجستير	15	15
4	سارة	أنثى	24	بكالوريوس	11	11
5	عبدالله	ذكر	30	دكتور	18	18
6	ليلى	أنثى	26	بكالوريوس	13	13
7	خالد	ذكر	27	ماجستير	14	14
8	مريم	أنثى	23	بكالوريوس	12	12
9	عبدالمجيد	ذكر	29	دكتور	17	17
10	نور	أنثى	21	بكالوريوس	11	11



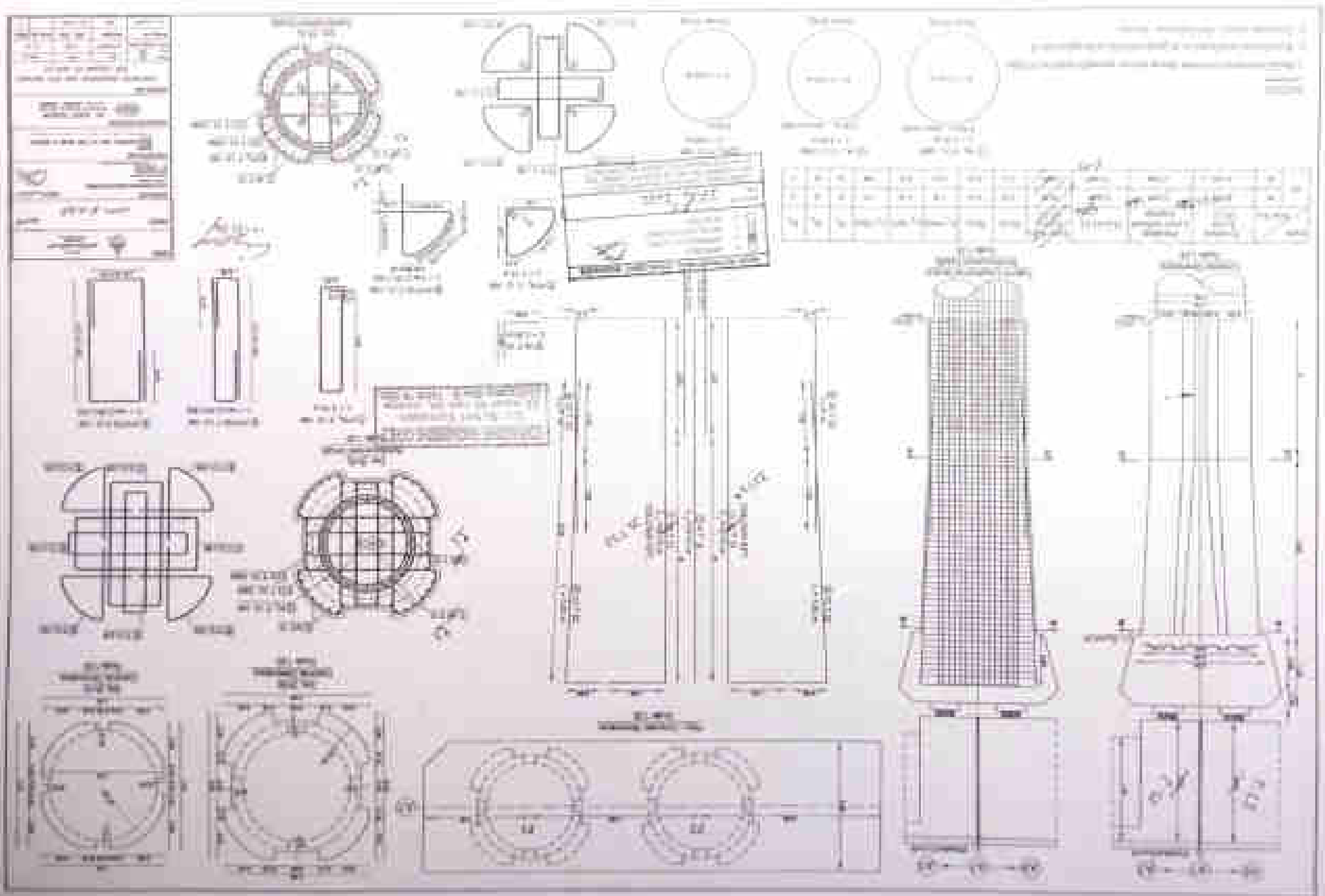
Case	For the	Physical Layer (7.4.2)	Physical Layer without duplex	Layer M	Local Data Layer (7.4.1)	Qnet	Qnet	$T_{\text{net}}(\text{ms})$	$T_{\text{net}}(\text{ms})$	$T_{\text{net}}(\text{ms})$	$\beta_1$	$\beta_2$	$\beta_3$
A1	10	$2000 \times 10^{-6}$	$1000 \times 10^{-6}$	$1000 \times 10^{-6}$		1.04	1.12	0.01	0.01	0.00	10	10	0
	20	$2000 \times 10^{-6}$	$1000 \times 10^{-6}$	$1000 \times 10^{-6}$		1.10	1.16	0.00	0.00	0.00	10	10	0
	40	$1000 \times 10^{-6}$	$500 \times 10^{-6}$	$500 \times 10^{-6}$		1.04	1.08	0.00	0.00	0.00	10	10	0

[illegible][illegible]

F-123									
Section 1		Section 2		Section 3		Section 4		Section 5	
Item	Value	Item	Value	Item	Value	Item	Value	Item	Value
1	100	2	200	3	300	4	400	5	500
6	600	7	700	8	800	9	900	10	1000
11	1100	12	1200	13	1300	14	1400	15	1500
16	1600	17	1700	18	1800	19	1900	20	2000
21	2100	22	2200	23	2300	24	2400	25	2500
26	2600	27	2700	28	2800	29	2900	30	3000
31	3100	32	3200	33	3300	34	3400	35	3500
36	3600	37	3700	38	3800	39	3900	40	4000
41	4100	42	4200	43	4300	44	4400	45	4500
46	4600	47	4700	48	4800	49	4900	50	5000
51	5100	52	5200	53	5300	54	5400	55	5500
56	5600	57	5700	58	5800	59	5900	60	6000
61	6100	62	6200	63	6300	64	6400	65	6500
66	6600	67	6700	68	6800	69	6900	70	7000
71	7100	72	7200	73	7300	74	7400	75	7500
76	7600	77	7700	78	7800	79	7900	80	8000
81	8100	82	8200	83	8300	84	8400	85	8500
86	8600	87	8700	88	8800	89	8900	90	9000
91	9100	92	9200	93	9300	94	9400	95	9500
96	9600	97	9700	98	9800	99	9900	100	10000

Bar No.	Shape Code
1,2,3,4	
5	
6,8	
7	
9	
10,11,12	

[illegible][illegible]



P (2)															
Row No.	ID	Shape Code				Cutting Length	Actual Qty	Total Length	Weight (kg)	Total Weight					
		A	B	C	D					W1	W2	W3	W4	W5	W6
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	13	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	16	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	17	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	21	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	22	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	23	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	24	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	26	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	27	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	28	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	29	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	30	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	31	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	32	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	33	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34	34	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	35	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36	36	1	1	1	1	1	1	1	1	1	1	1	1	1	1
37	37	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	38	1	1	1	1	1	1	1	1	1	1	1	1	1	1
39	39	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	40	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41	41	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42	42	1	1	1	1	1	1	1	1	1	1	1	1	1	1
43	43	1	1	1	1	1	1	1	1	1	1	1	1	1	1
44	44	1	1	1	1	1	1	1	1	1	1	1	1	1	1
45	45	1	1	1	1	1	1	1	1	1	1	1	1	1	1
46	46	1	1	1	1	1	1	1	1	1	1	1	1	1	1
47	47	1	1	1	1	1	1	1	1	1	1	1	1	1	1
48	48	1	1	1	1	1	1	1	1	1	1	1	1	1	1
49	49	1	1	1	1	1	1	1	1	1	1	1	1	1	1
50	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1
51	51	1	1	1	1	1	1	1	1	1	1	1	1	1	1
52	52	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53	53	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54	54	1	1	1	1	1	1	1	1	1	1	1	1	1	1
55	55	1	1	1	1	1	1	1	1	1	1	1	1	1	1
56	56	1	1	1	1	1	1	1	1	1	1	1	1	1	1
57	57	1	1	1	1	1	1	1	1	1	1	1	1	1	1
58	58	1	1	1	1	1	1	1	1	1	1	1	1	1	1
59	59	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60	60	1	1	1	1	1	1	1	1	1	1	1	1	1	1
61	61	1	1	1	1	1	1	1	1	1	1	1	1	1	1
62	62	1	1	1	1	1	1	1	1	1	1	1	1	1	1
63	63	1	1	1	1	1	1	1	1	1	1	1	1	1	1
64	64	1	1	1	1	1	1	1	1	1	1	1	1	1	1
65	65	1	1	1	1	1	1	1	1	1	1	1	1	1	1
66	66	1	1	1	1	1	1	1	1	1	1	1	1	1	1
67	67	1	1	1	1	1	1	1	1	1	1	1	1	1	1
68	68	1	1	1	1	1	1	1	1	1	1	1	1	1	1
69	69	1	1	1	1	1	1	1	1	1	1	1	1	1	1
70	70	1	1	1	1	1	1	1	1	1	1	1	1	1	1
71	71	1	1	1	1	1	1	1	1	1	1	1	1	1	1
72	72	1	1	1	1	1	1	1	1	1	1	1	1	1	1
73	73	1	1	1	1	1	1	1	1	1	1	1	1	1	1
74	74	1	1	1	1	1	1	1	1	1	1	1	1	1	1
75	75	1	1	1	1	1	1	1	1	1	1	1	1	1	1
76	76	1	1	1	1	1	1	1	1	1	1	1	1	1	1
77	77	1	1	1	1	1	1	1	1	1	1	1	1	1	1
78	78	1	1	1	1	1	1	1	1	1	1	1	1	1	1
79	79	1	1	1	1	1	1	1	1	1	1	1	1	1	1
80	80	1	1	1	1	1	1	1	1	1	1	1	1	1	1
81	81	1	1	1	1	1	1	1	1	1	1	1	1	1	1
82	82	1	1	1	1	1	1	1	1	1	1	1	1	1	

Bar No.	Shape Code
1375	
4	
14	
7	
4	
4	
46410	



**THE JOURNAL OF THE**  
**AMERICAN SOCIETY OF**  
**PLASTIC SURGEONS**  
 Published by the American Society of Plastic Surgeons  
 1000 North Dearborn Street, Suite 1000  
 Chicago, Illinois 60610-4001  
 Telephone: (312) 424-2000  
 Fax: (312) 424-2001  
 E-mail: [info@aspplastic.org](mailto:info@aspplastic.org)  
 Website: [www.asps.org](http://www.asps.org)

Page 1 of 1

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Location: \_\_\_\_\_ Status: \_\_\_\_\_

Remarks: \_\_\_\_\_

Signature: \_\_\_\_\_



*[Handwritten signature]*

20/11/2020

የሰው ሀብት ምዕራፍ	የሰው ሀብት ምዕራፍ	ዕቅድ	ገንዘብ	ገንዘብ	ገንዘብ	ዕቅድ
የሰው ሀብት ምዕራፍ						ዕቅድ
የሰው ሀብት ምዕራፍ	1	8	10	20	1	100
የሰው ሀብት ምዕራፍ	2	1	10	10	1	100
የሰው ሀብት ምዕራፍ	3	2	11	10	1	100
የሰው ሀብት ምዕራፍ	4	2	100	100	1	1000
የሰው ሀብት ምዕራፍ	5	8	1000		1	1000
የሰው ሀብት ምዕራፍ						ገንዘብ
የሰው ሀብት ምዕራፍ	ገንዘብ	ገንዘብ	ገንዘብ	ገንዘብ	ገንዘብ	ገንዘብ
የሰው ሀብት ምዕራፍ						

የሰው ሀብት ምዕራፍ	የሰው ሀብት ምዕራፍ	ዕቅድ	ገንዘብ	ገንዘብ	ገንዘብ	ገንዘብ
የሰው ሀብት ምዕራፍ						ገንዘብ
የሰው ሀብት ምዕራፍ	1	8	10	20	1	100
የሰው ሀብት ምዕራፍ	2	1	10	10	1	100
የሰው ሀብት ምዕራፍ	3	2	11	10	1	100
የሰው ሀብት ምዕራፍ	4	2	100	100	1	1000
የሰው ሀብት ምዕራፍ	5	8	1000		1	1000
የሰው ሀብት ምዕራፍ						ገንዘብ
የሰው ሀብት ምዕራፍ	ገንዘብ	ገንዘብ	ገንዘብ	ገንዘብ	ገንዘብ	ገንዘብ
የሰው ሀብት ምዕራፍ						

የሰው ሀብት ምዕራፍ ምዕራፍ 1  
የሰው ሀብት ምዕራፍ ምዕራፍ 2  
የሰው ሀብት ምዕራፍ ምዕራፍ 3



*[Handwritten signature]*

20/11/2020

*[Handwritten signature]*

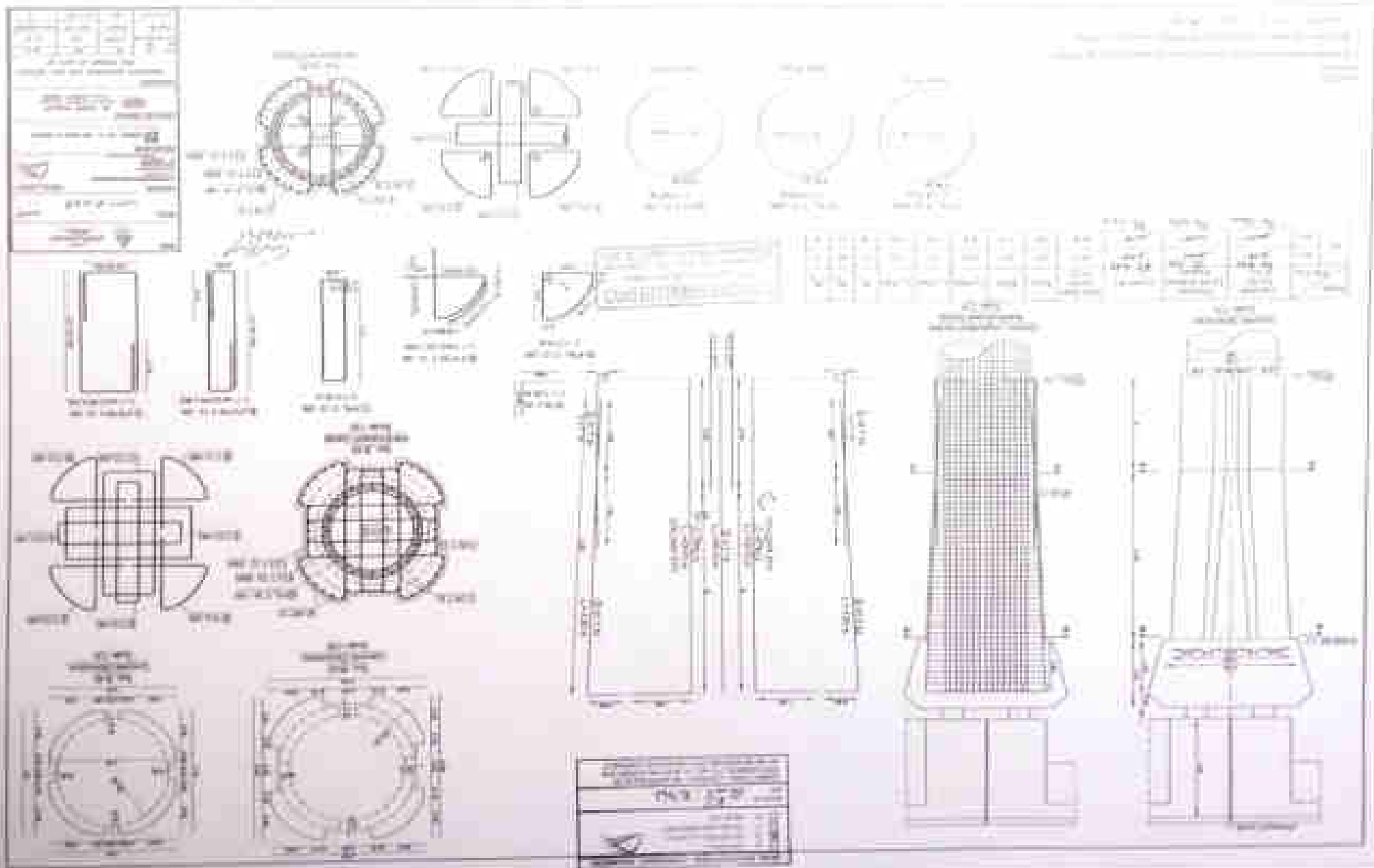
20/11/2020

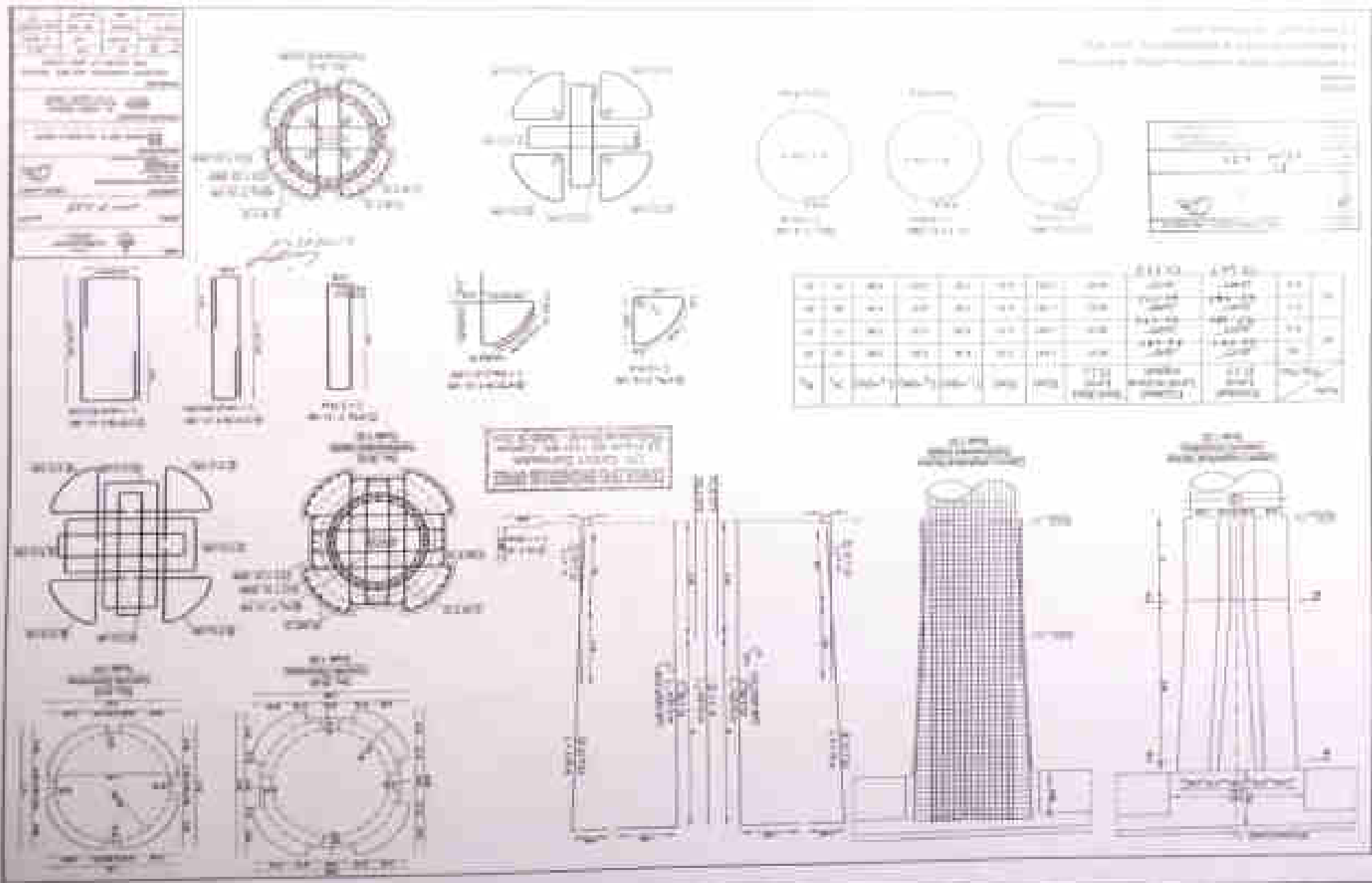
የሰው ሀብት ምዕራፍ	የሰው ሀብት ምዕራፍ	ዕቅድ	ገንዘብ	ገንዘብ	ገንዘብ	ገንዘብ
የሰው ሀብት ምዕራፍ						ገንዘብ
የሰው ሀብት ምዕራፍ	1	8	10	20	1	100
የሰው ሀብት ምዕራፍ	2	1	10	10	1	100
የሰው ሀብት ምዕራፍ	3	2	11	10	1	100
የሰው ሀብት ምዕራፍ	4	2	100	100	1	1000
የሰው ሀብት ምዕራፍ	5	8	1000		1	1000
የሰው ሀብት ምዕራፍ						ገንዘብ
የሰው ሀብት ምዕራፍ	ገንዘብ	ገንዘብ	ገንዘብ	ገንዘብ	ገንዘብ	ገንዘብ
የሰው ሀብት ምዕራፍ						

የሰው ሀብት ምዕራፍ	የሰው ሀብት ምዕራፍ	ዕቅድ	ገንዘብ	ገንዘብ	ገንዘብ	ገንዘብ
የሰው ሀብት ምዕራፍ						ዕቅድ
የሰው ሀብት ምዕራፍ	1	8	10	20	1	100
የሰው ሀብት ምዕራፍ	2	1	10	10	1	100
የሰው ሀብት ምዕራፍ	3	2	11	10	1	100
የሰው ሀብት ምዕራፍ	4	2	100	100	1	1000
የሰው ሀብት ምዕራፍ	5	8	1000		1	1000
የሰው ሀብት ምዕራፍ						ገንዘብ
የሰው ሀብት ምዕራፍ	ገንዘብ	ገንዘብ	ገንዘብ	ገንዘብ	ገንዘብ	ገንዘብ
የሰው ሀብት ምዕራፍ						

የሰው ሀብት ምዕራፍ ምዕራፍ 1







1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

20/5

20/5

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----



1000

Variable	Mean	Std. Dev.	Std. Error	95% CI Lower Bound	95% CI Upper Bound	Significance
Constant	1.00	.00	.00	.00	.00	.000
Age	.00	.00	.00	.00	.00	.000
Gender	.00	.00	.00	.00	.00	.000
Marital Status	.00	.00	.00	.00	.00	.000
Education	.00	.00	.00	.00	.00	.000
Income	.00	.00	.00	.00	.00	.000
Occupation	.00	.00	.00	.00	.00	.000
Health Status	.00	.00	.00	.00	.00	.000
Life Satisfaction	.00	.00	.00	.00	.00	.000
Depression	.00	.00	.00	.00	.00	.000
Stress	.00	.00	.00	.00	.00	.000
Resilience	.00	.00	.00	.00	.00	.000
Quality of Life	.00	.00	.00	.00	.00	.000

[illegible]

1.  $\mathcal{L}_1$  and  $\mathcal{L}_2$  are linear spaces.  
 2.  $\mathcal{L}_1 \cap \mathcal{L}_2$  is a linear space.  
 3.  $\mathcal{L}_1 + \mathcal{L}_2$  is a linear space.



2. **Umsatz:**  
 2000 € + 2000 € + 2000 € + 2000 € + 2000 € = 10000 €

100

Category	Item	Unit	Price	Quantity	Total
Food	Chicken	kg	12.00	2	24.00
	Beef	kg	15.00	1	15.00
	Pork	kg	10.00	1	10.00
	Fish	kg	8.00	1	8.00
Beverage	Soda	can	2.00	3	6.00
	Water	can	1.00	2	2.00
Snack	Chips	bag	3.00	1	3.00
	Candy	box	4.00	1	4.00
Fruit	Apple	kg	5.00	1	5.00
	Banana	kg	3.00	1	3.00
Vegetable	Carrot	kg	2.00	1	2.00
	Broccoli	kg	4.00	1	4.00
Dessert	Cake	box	6.00	1	6.00
	Ice cream	box	5.00	1	5.00
Bakery	Bread	loaf	1.00	2	2.00
	Pastries	box	3.00	1	3.00
Meat	Lamb	kg	18.00	1	18.00
	Goat	kg	14.00	1	14.00
Seafood	Shrimp	kg	20.00	1	20.00
	Crab	kg	16.00	1	16.00
Dairy	Milk	l	1.00	2	2.00
	Cheese	kg	12.00	1	12.00
Grain	Rice	kg	5.00	1	5.00
	Wheat	kg	4.00	1	4.00
Nuts	Almonds	kg	10.00	1	10.00
	Peanuts	kg	8.00	1	8.00
Herbs	Basil	kg	3.00	1	3.00
	Parsley	kg	2.00	1	2.00
Spices	Pepper	kg	15.00	1	15.00
	Salt	kg	1.00	2	2.00
Oils	Olive oil	l	10.00	1	10.00
	Canola oil	l	8.00	1	8.00
Eggs	Eggs	dozen	4.00	1	4.00
	Butter	kg	12.00	1	12.00
Flour	Wheat flour	kg	5.00	1	5.00
	Corn flour	kg	4.00	1	4.00
Sugar	White sugar	kg	3.00	1	3.00
	Brown sugar	kg	4.00	1	4.00
Fats	Butter	kg	12.00	1	12.00
	Margarine	kg	10.00	1	10.00
Condiments	Ketchup	kg	5.00	1	5.00
	Mayo	kg	4.00	1	4.00
Sauces	Soy sauce	kg	3.00	1	3.00
	Vinegar	kg	2.00	1	2.00
Dressings	Salad dressing	kg	4.00	1	4.00
	Marinade	kg	3.00	1	3.00
Preservatives	Salt	kg	1.00	2	2.00
	Sugar	kg	3.00	1	3.00
Flavorings	Vanilla	kg	10.00	1	10.00
	Lemon juice	kg	5.00	1	5.00
Essences	Almond	kg	8.00	1	8.00
	Orange	kg	6.00	1	6.00
Fruit	Apple	kg	5.00	1	5.00
	Banana	kg	3.00	1	3.00
Vegetable	Carrot	kg	2.00	1	2.00
	Broccoli	kg	4.00	1	4.00
Dessert	Cake	box	6.00	1	6.00
	Ice cream	box	5.00	1	5.00
Bakery	Bread	loaf	1.00	2	2.00
	Pastries	box	3.00	1	3.00
Meat	Lamb	kg	18.00	1	18.00
	Goat	kg	14.00	1	14.00
Seafood	Shrimp	kg	20.00	1	20.00
	Crab	kg	16.00	1	16.00
Dairy	Milk	l	1.00	2	2.00
	Cheese	kg	12.00	1	12.00
Grain	Rice	kg	5.00	1	5.00
	Wheat	kg	4.00	1	4.00
Nuts	Almonds	kg	10.00	1	10.00
	Peanuts	kg	8.00	1	8.00
Herbs	Basil	kg	3.00	1	3.00
	Parsley	kg	2.00	1	2.00
Spices	Pepper	kg	15.00	1	15.00
	Salt	kg	1.00	2	2.00

[illegible]

© 2007 The Authors  
Journal compilation © 2007 Blackwell Publishing Ltd

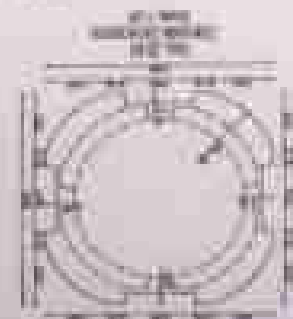
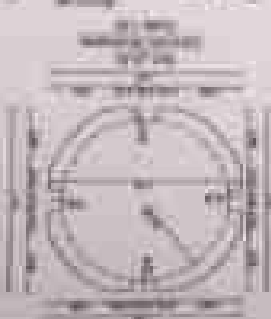
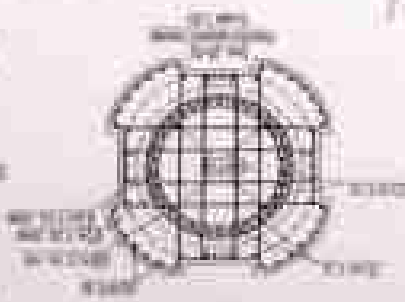
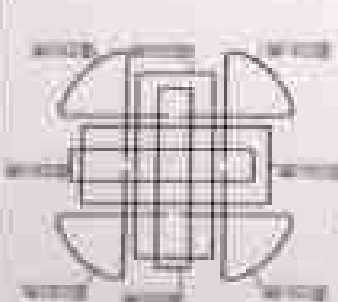
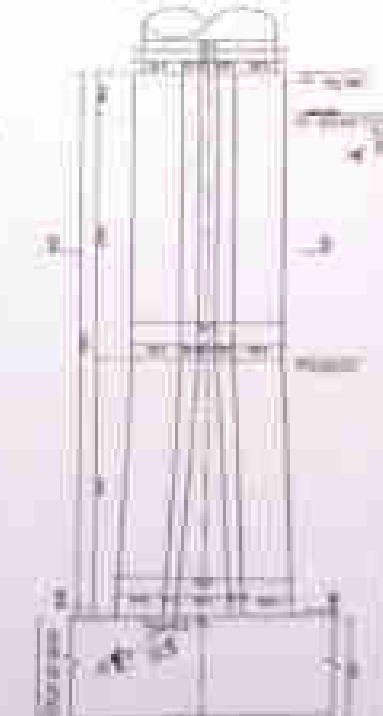
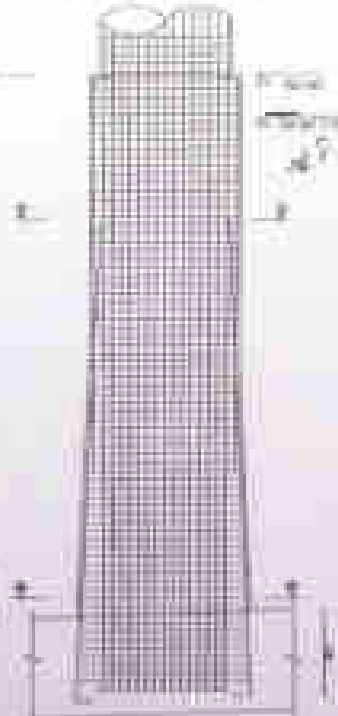
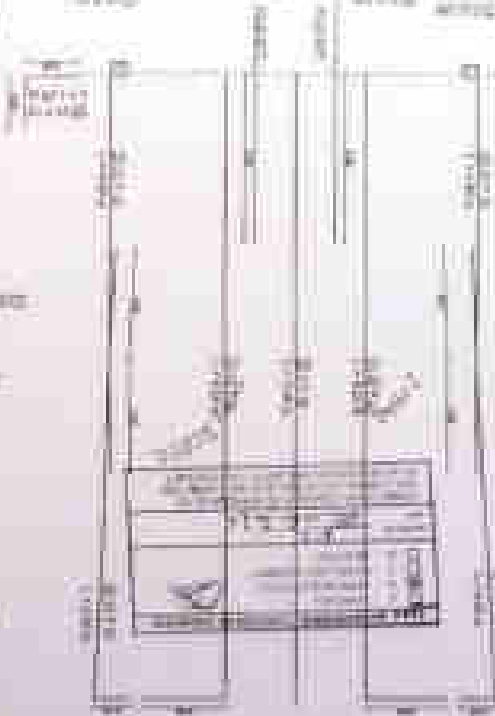
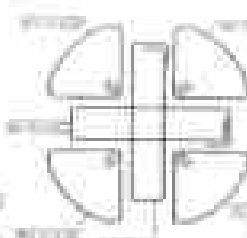
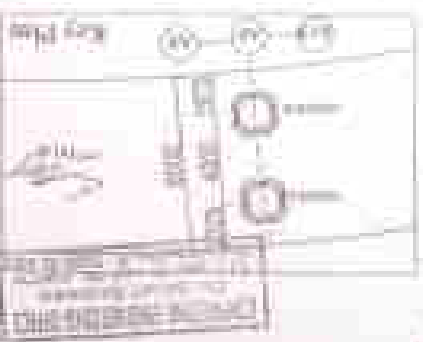
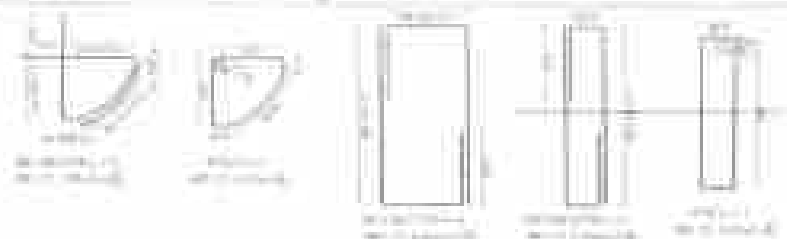
1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

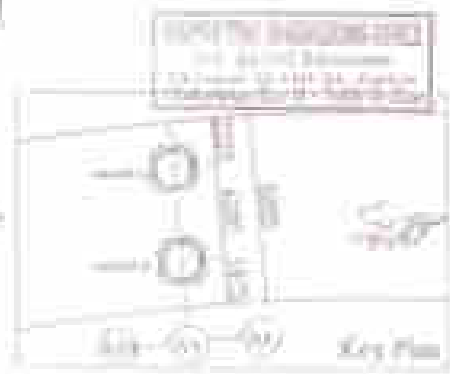
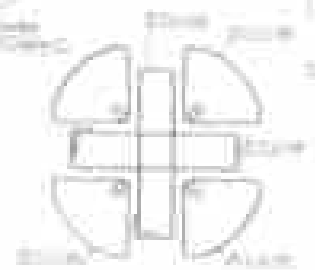
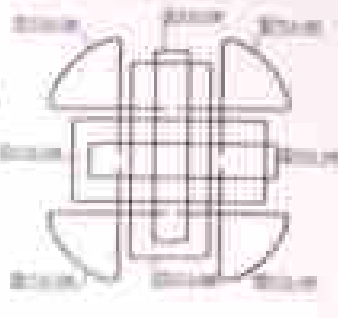
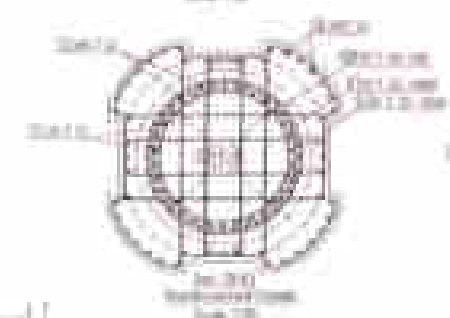
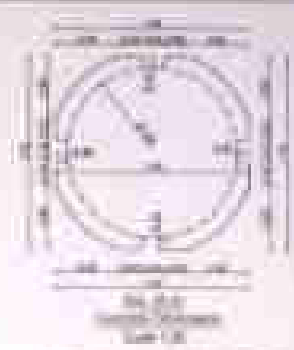
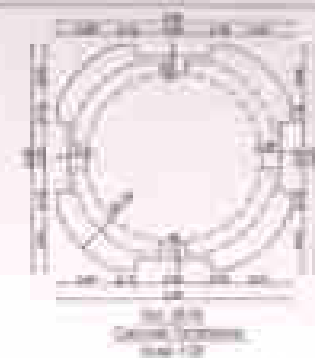
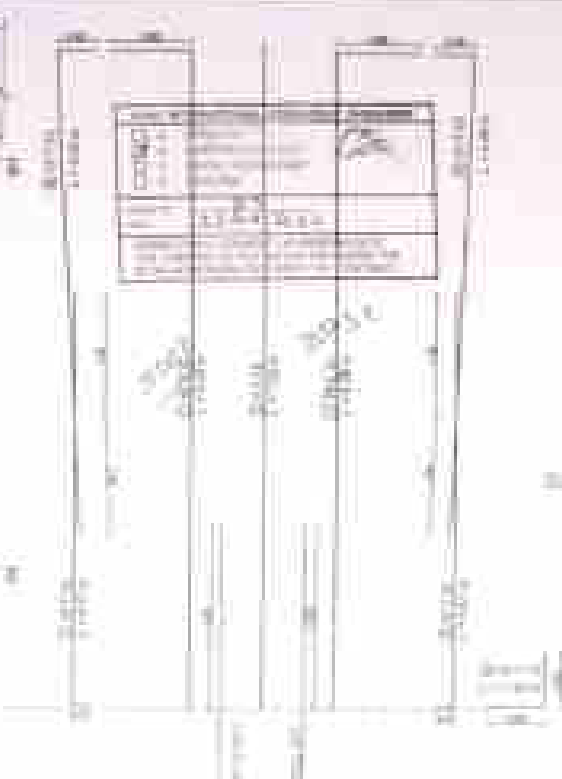
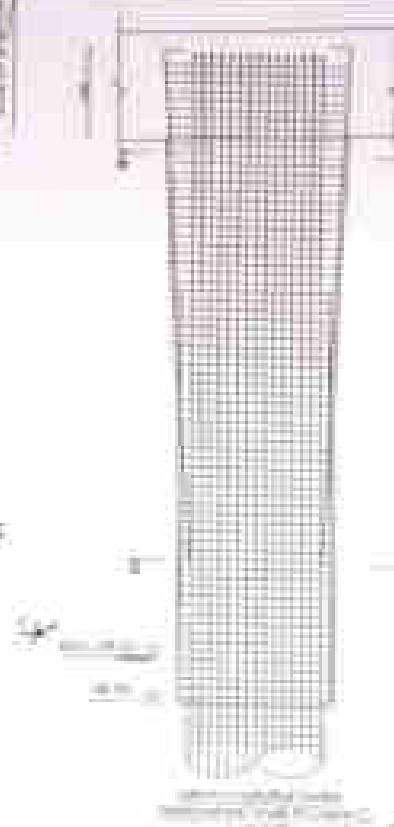
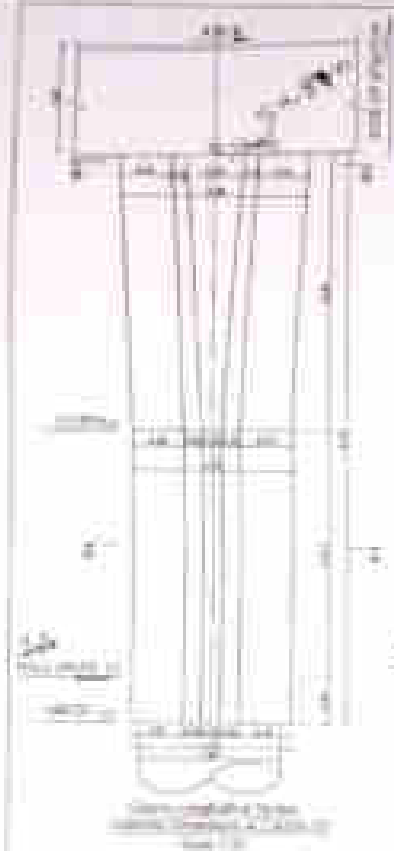
ॐ नमो भगवते वासुदेवाय

THE UNIVERSITY OF CHICAGO  
CHICAGO, ILL. 60637  
U.S.A.

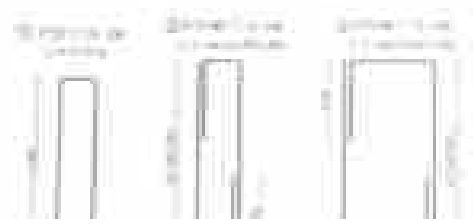
1. Name of the student	2. Roll No.
3. Date	4. Page No.
5. Subject	6. Section
7. Teacher's Name	8. Class
9. School Name	10. Address
11. City	12. State
13. Country	14. Pin Code
15. Mobile No.	16. E-mail ID
17. Signature	18. Date
19. Stamp	20. Mark

1. Name of the student	2. Roll No.
3. Date	4. Page No.
5. Subject	6. Section
7. Teacher's Name	8. Class
9. School Name	10. Address
11. City	12. State
13. Country	14. Pin Code
15. Mobile No.	16. E-mail ID
17. Signature	18. Date
19. Stamp	20. Mark





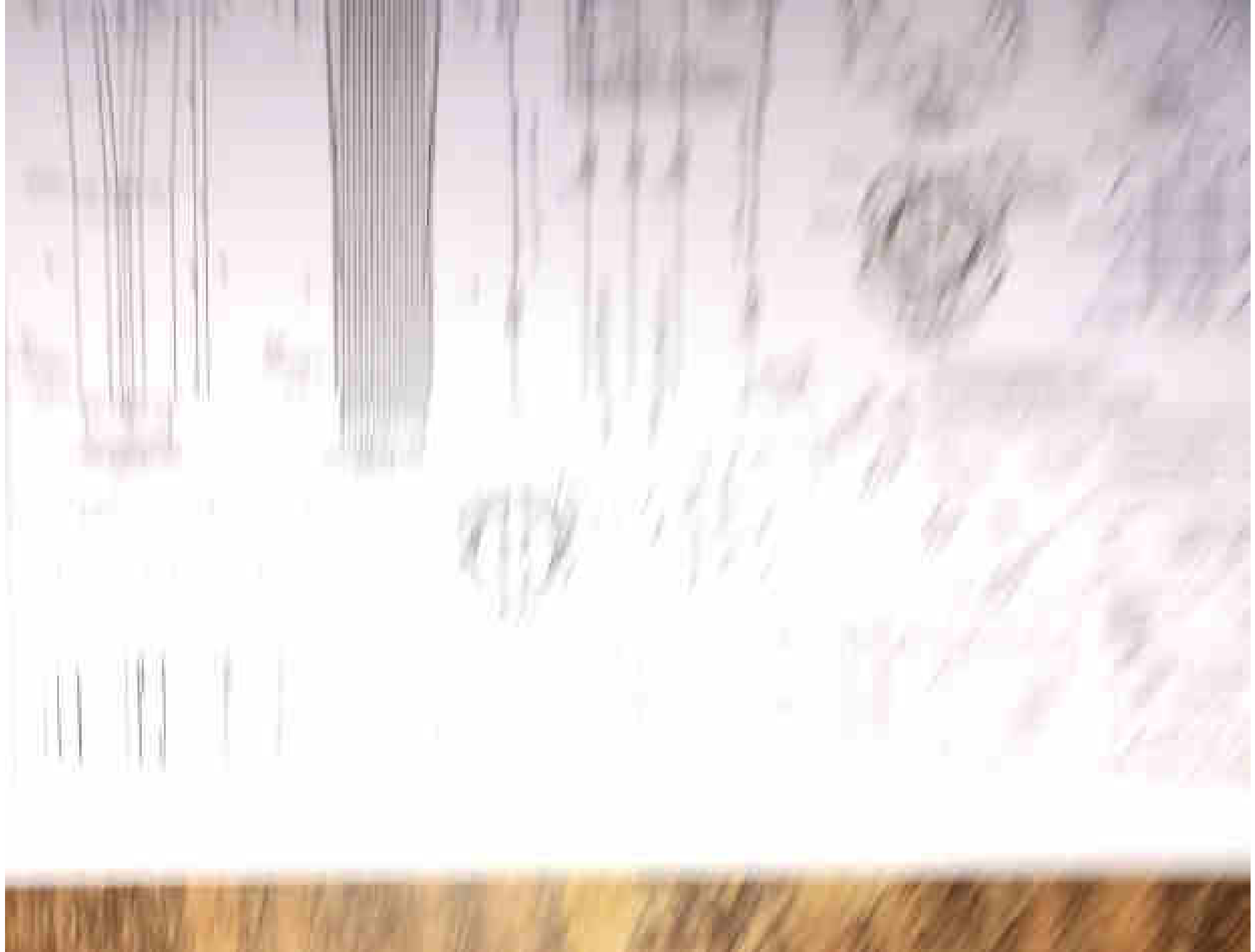
- NOTES
1. Foundation details to be approved by the Engineer.
  2. Foundation details to be approved by the Engineer.
  3. Foundation details to be approved by the Engineer.
  4. Foundation details to be approved by the Engineer.
  5. Foundation details to be approved by the Engineer.

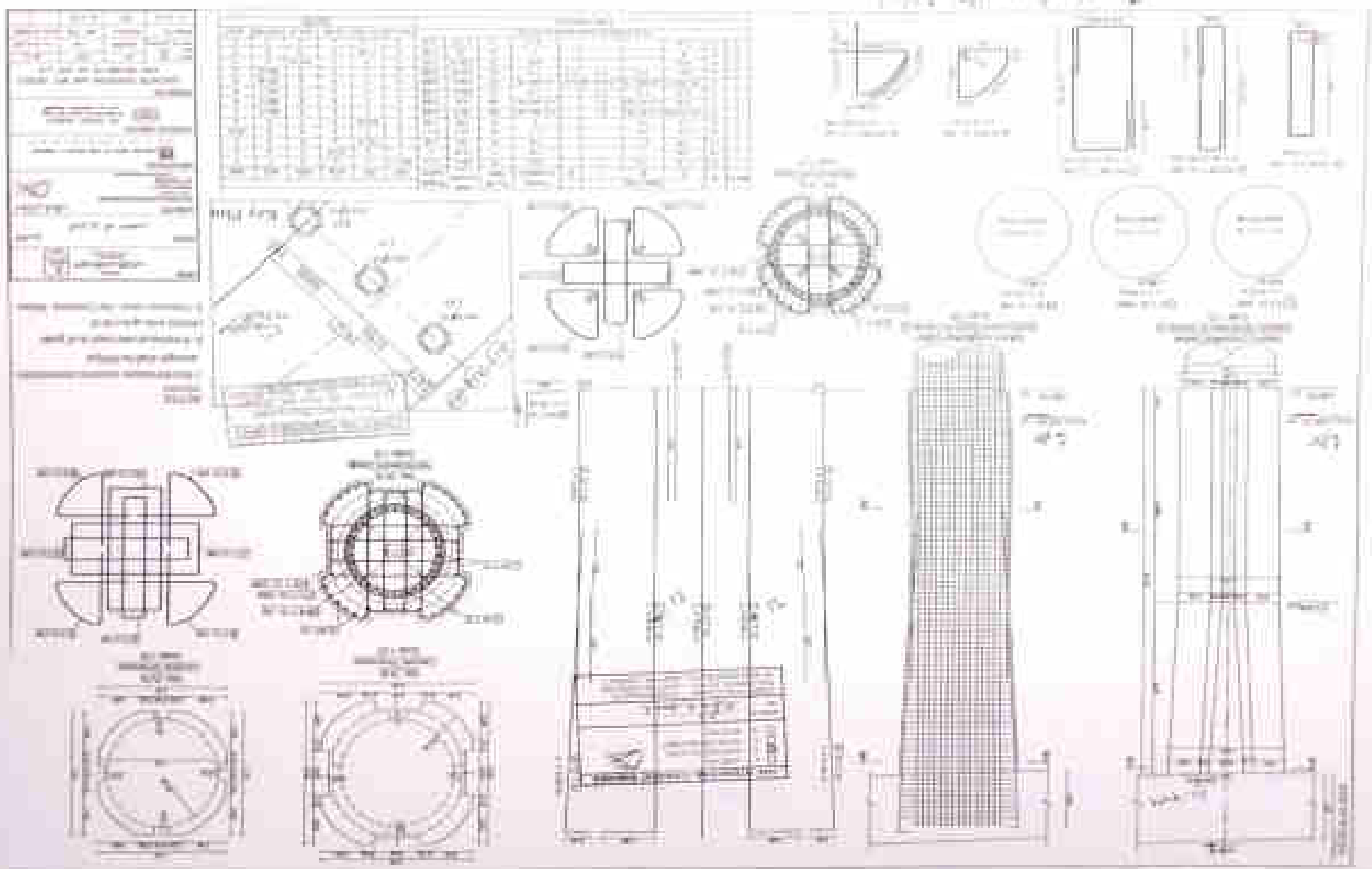


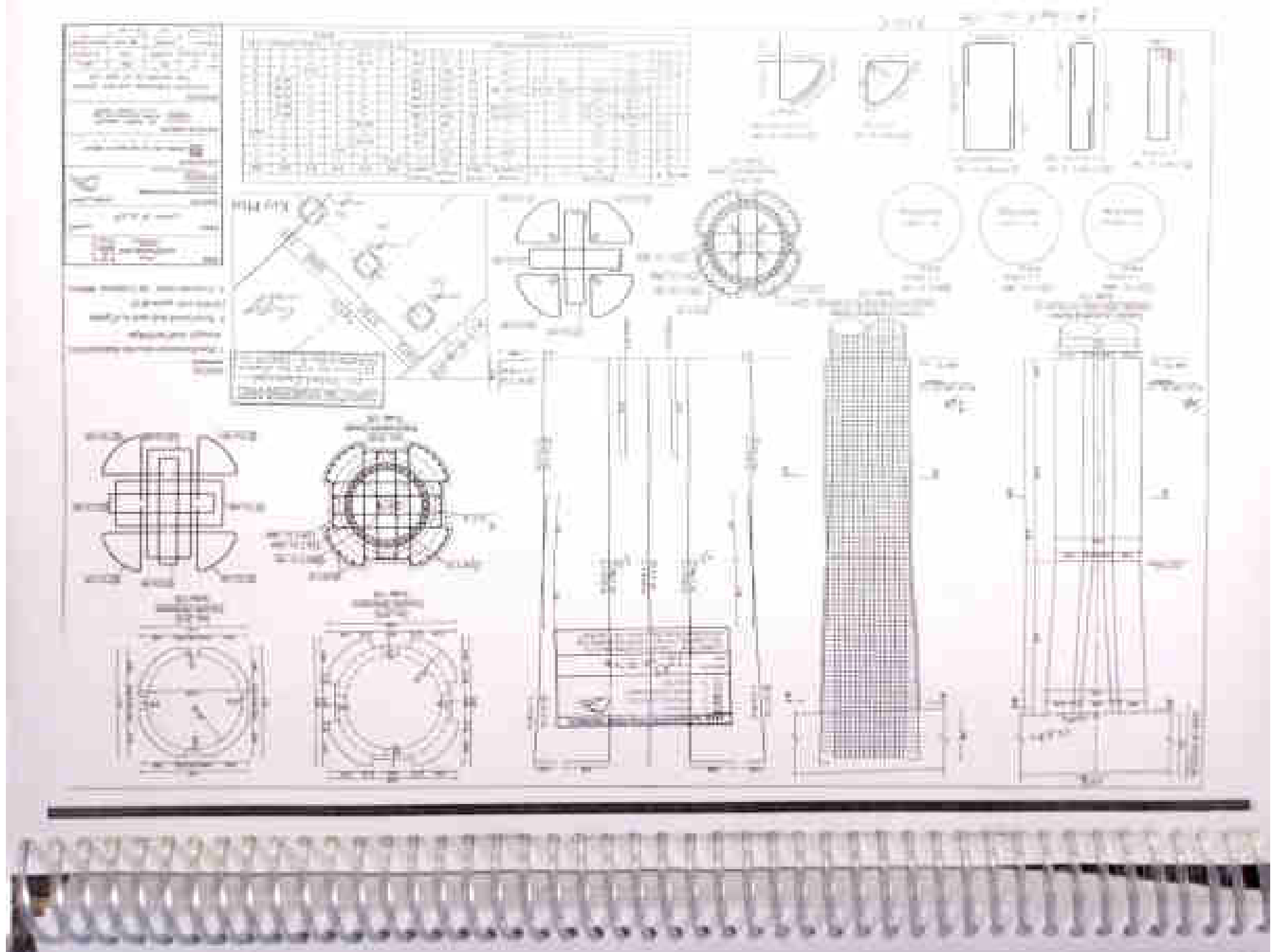
NO.	REVISION	DATE	BY	CHECKED	APPROVED
1	Initial Design	10/10/2023	...	...	...
2	Revised Design	15/10/2023	...	...	...
3	Final Design	20/10/2023	...	...	...

NO.	REVISION	DATE	BY	CHECKED	APPROVED
1	Initial Design	10/10/2023	...	...	...
2	Revised Design	15/10/2023	...	...	...
3	Final Design	20/10/2023	...	...	...









Account Name	Account No.	Account Type	Account Balance
Account 1	101	Current	1000.00
Account 2	102	Current	2000.00
Account 3	103	Current	3000.00
Account 4	104	Current	4000.00
Account 5	105	Current	5000.00
Account 6	106	Current	6000.00
Account 7	107	Current	7000.00
Account 8	108	Current	8000.00
Account 9	109	Current	9000.00
Account 10	110	Current	10000.00

Account Name	Account No.	Account Type	Account Balance
Account 1	101	Current	1000.00
Account 2	102	Current	2000.00
Account 3	103	Current	3000.00
Account 4	104	Current	4000.00
Account 5	105	Current	5000.00
Account 6	106	Current	6000.00
Account 7	107	Current	7000.00
Account 8	108	Current	8000.00
Account 9	109	Current	9000.00
Account 10	110	Current	10000.00

Account 101: 1000.00

Account 102: 2000.00



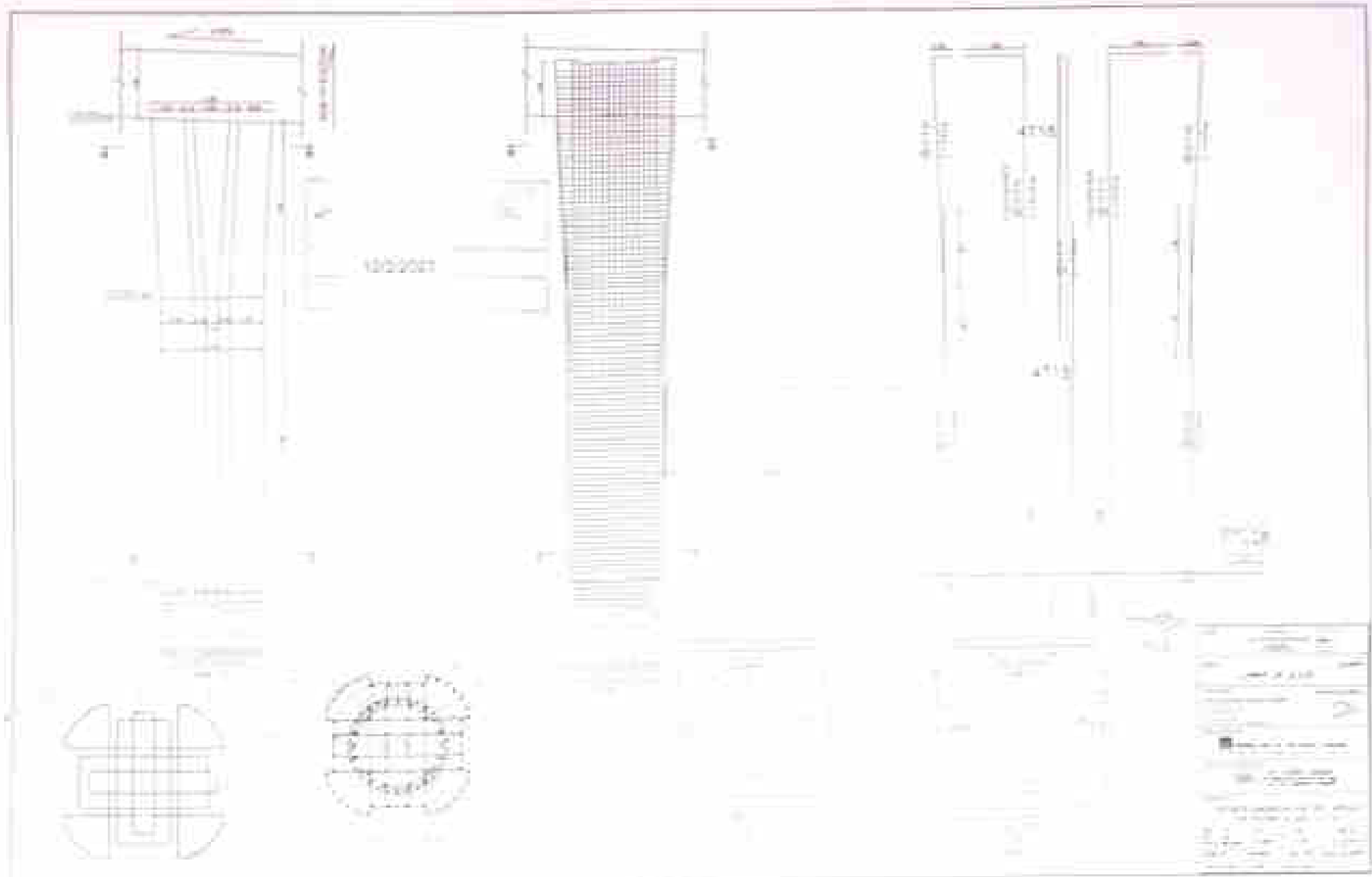
Account Name	Account No.	Account Type	Account Balance
Account 1	101	Current	1000.00
Account 2	102	Current	2000.00
Account 3	103	Current	3000.00
Account 4	104	Current	4000.00
Account 5	105	Current	5000.00
Account 6	106	Current	6000.00
Account 7	107	Current	7000.00
Account 8	108	Current	8000.00
Account 9	109	Current	9000.00
Account 10	110	Current	10000.00

Account Name	Account No.	Account Type	Account Balance
Account 1	101	Current	1000.00
Account 2	102	Current	2000.00
Account 3	103	Current	3000.00
Account 4	104	Current	4000.00
Account 5	105	Current	5000.00
Account 6	106	Current	6000.00
Account 7	107	Current	7000.00
Account 8	108	Current	8000.00
Account 9	109	Current	9000.00
Account 10	110	Current	10000.00

Account 101: 1000.00



در اینجا به منظور اطمینان از صحت نتایج، نتایج حاصل از محاسبات با نتایج حاصل از آزمایش مقایسه شده است.

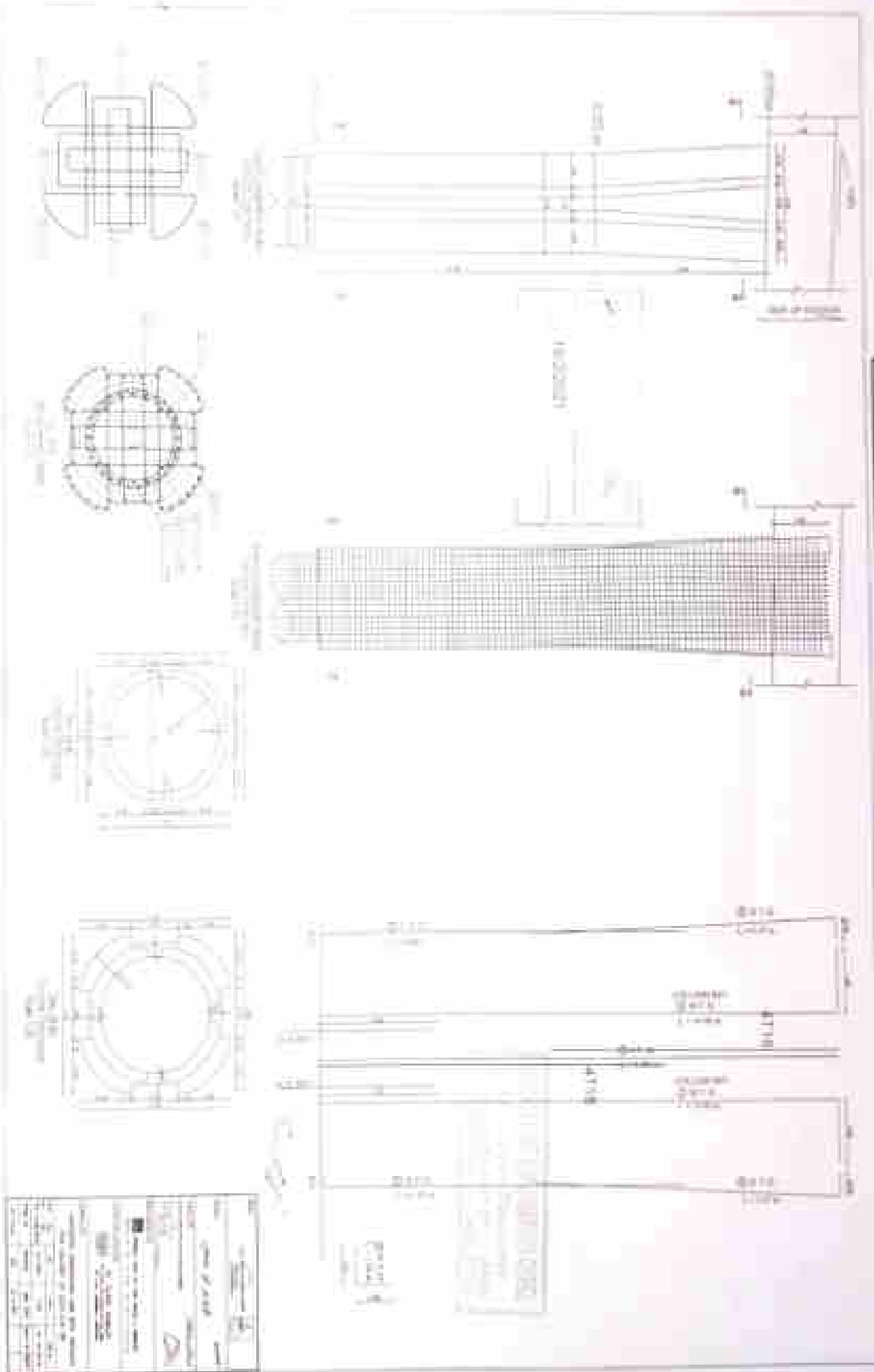


1. Numbered and dated with a 2 (greatest) and a 1 (least)



Small, dark, rectangular object, possibly a book cover or a piece of equipment, with some faint text visible on its surface.

المساحة الكلية للمبنى = 12000 م<sup>2</sup> والمساحة المغطاة = 10000 م<sup>2</sup> والمساحة الحرة = 2000 م<sup>2</sup>



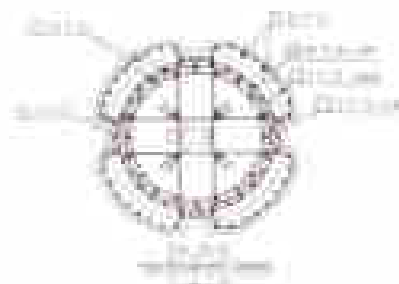
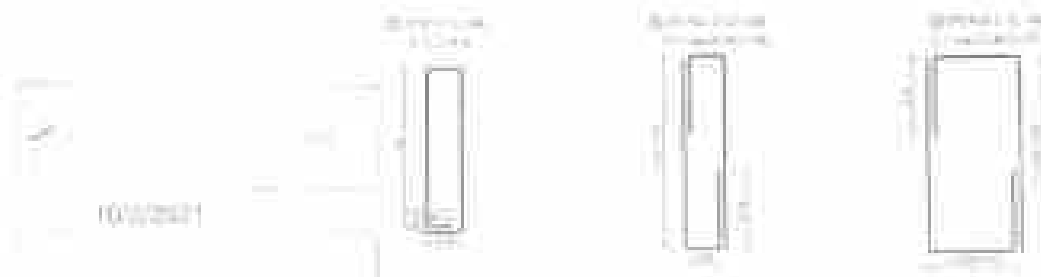
1000

<sup>2</sup> The following results are all given without proof.

1. *Journal of Management Studies*, 1997, 34, 1, 1-14.



Bar No.	Shape Code
0003	
1	
10	
11	
12	
13	
14	
15	



Copy

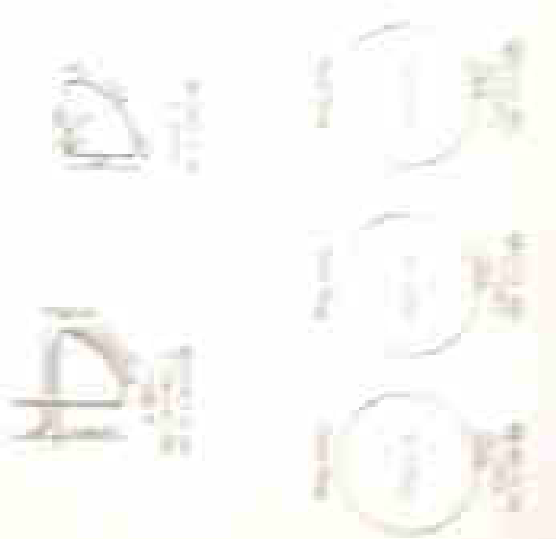
The image shows a sample of a handwritten document in Arabic, likely a contract or agreement. The document is filled with handwritten text in black ink on a white background. The text is written in a clear, legible style. The document appears to be a form with various fields, some of which are filled with handwritten text. The overall appearance is that of a formal document, possibly a contract or agreement, with various fields filled in by hand.





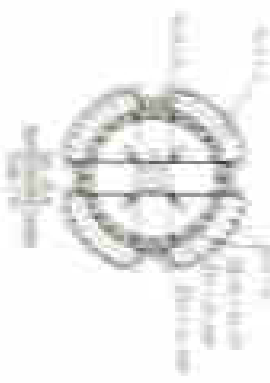
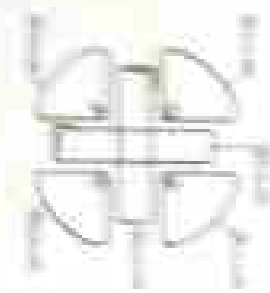
2020-2021

DATE	TIME	LOCATION	ACTIVITY	REMARKS
10/10/2020	10:00 AM	Classroom	Introduction to the course	
11/10/2020	10:00 AM	Classroom	Basic concepts of the course	
12/10/2020	10:00 AM	Classroom	Basic concepts of the course	
13/10/2020	10:00 AM	Classroom	Basic concepts of the course	
14/10/2020	10:00 AM	Classroom	Basic concepts of the course	
15/10/2020	10:00 AM	Classroom	Basic concepts of the course	
16/10/2020	10:00 AM	Classroom	Basic concepts of the course	
17/10/2020	10:00 AM	Classroom	Basic concepts of the course	
18/10/2020	10:00 AM	Classroom	Basic concepts of the course	
19/10/2020	10:00 AM	Classroom	Basic concepts of the course	
20/10/2020	10:00 AM	Classroom	Basic concepts of the course	
21/10/2020	10:00 AM	Classroom	Basic concepts of the course	
22/10/2020	10:00 AM	Classroom	Basic concepts of the course	
23/10/2020	10:00 AM	Classroom	Basic concepts of the course	
24/10/2020	10:00 AM	Classroom	Basic concepts of the course	
25/10/2020	10:00 AM	Classroom	Basic concepts of the course	
26/10/2020	10:00 AM	Classroom	Basic concepts of the course	
27/10/2020	10:00 AM	Classroom	Basic concepts of the course	
28/10/2020	10:00 AM	Classroom	Basic concepts of the course	
29/10/2020	10:00 AM	Classroom	Basic concepts of the course	
30/10/2020	10:00 AM	Classroom	Basic concepts of the course	
31/10/2020	10:00 AM	Classroom	Basic concepts of the course	



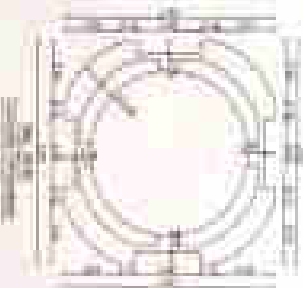
CONSULTING ENGINEERING OFFICE  
 10/10/2020  
 10:00 AM

10/10/2020

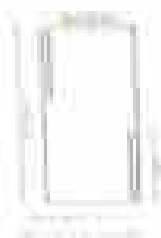


DATE	TIME	LOCATION	ACTIVITY	REMARKS
10/10/2020	10:00 AM	Classroom	Introduction to the course	
11/10/2020	10:00 AM	Classroom	Basic concepts of the course	
12/10/2020	10:00 AM	Classroom	Basic concepts of the course	
13/10/2020	10:00 AM	Classroom	Basic concepts of the course	
14/10/2020	10:00 AM	Classroom	Basic concepts of the course	
15/10/2020	10:00 AM	Classroom	Basic concepts of the course	
16/10/2020	10:00 AM	Classroom	Basic concepts of the course	
17/10/2020	10:00 AM	Classroom	Basic concepts of the course	
18/10/2020	10:00 AM	Classroom	Basic concepts of the course	
19/10/2020	10:00 AM	Classroom	Basic concepts of the course	
20/10/2020	10:00 AM	Classroom	Basic concepts of the course	
21/10/2020	10:00 AM	Classroom	Basic concepts of the course	
22/10/2020	10:00 AM	Classroom	Basic concepts of the course	
23/10/2020	10:00 AM	Classroom	Basic concepts of the course	
24/10/2020	10:00 AM	Classroom	Basic concepts of the course	
25/10/2020	10:00 AM	Classroom	Basic concepts of the course	
26/10/2020	10:00 AM	Classroom	Basic concepts of the course	
27/10/2020	10:00 AM	Classroom	Basic concepts of the course	
28/10/2020	10:00 AM	Classroom	Basic concepts of the course	
29/10/2020	10:00 AM	Classroom	Basic concepts of the course	
30/10/2020	10:00 AM	Classroom	Basic concepts of the course	
31/10/2020	10:00 AM	Classroom	Basic concepts of the course	

10/10/2020  
 10:00 AM



2. **RESEARCH AND INNOVATION**

[illegible]



Category	Sub-category	Value	Unit	Year	Source
Energy	Electricity	100	kWh	2010	100
	Gas	50	m³	2010	50
	Coal	20	tonnes	2010	20
	Oil	10	barrels	2010	10
Water	Surface water	100	m³	2010	100
	Groundwater	50	m³	2010	50
	Wastewater	20	m³	2010	20
	Recycled water	10	m³	2010	10
Land	Urban land	100	ha	2010	100
	Rural land	50	ha	2010	50
	Forest land	20	ha	2010	20
	Water bodies	10	ha	2010	10

Copyright © 2006 John Wiley & Sons, Ltd.

(b)  $\lim_{x \rightarrow 0} \frac{f(x)}{g(x)} = L$  and  $C$  is a constant, then  
 $\lim_{x \rightarrow 0} \frac{f(x) + C}{g(x)} = L$



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

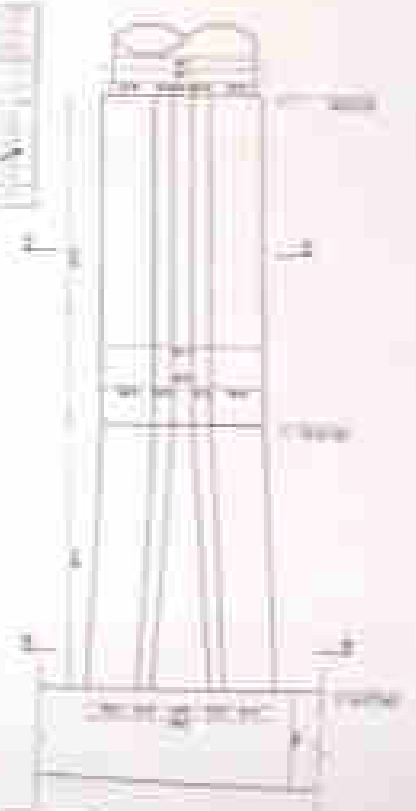
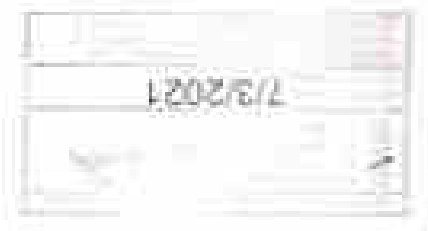
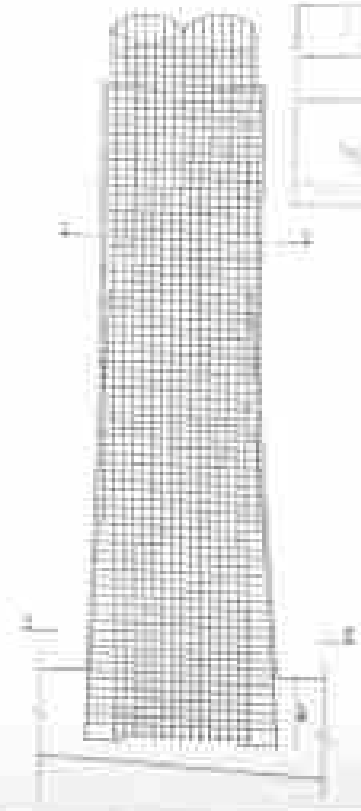
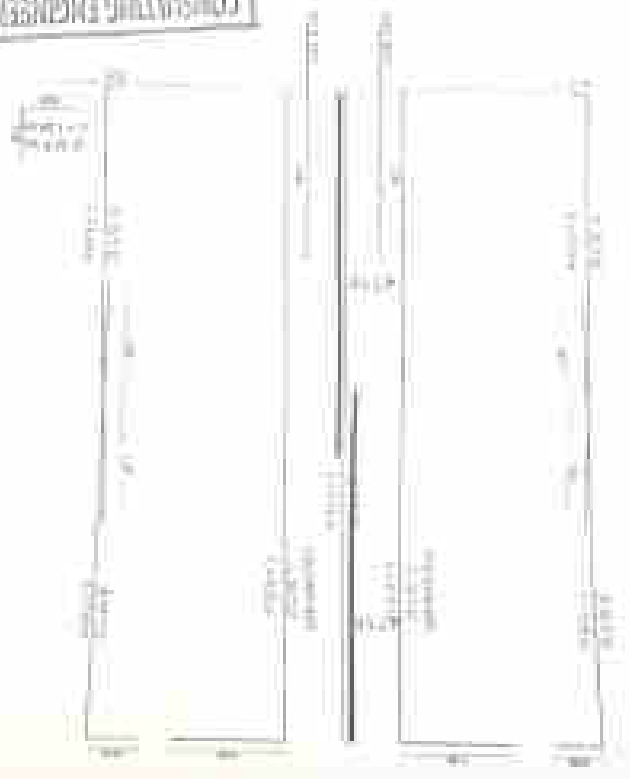
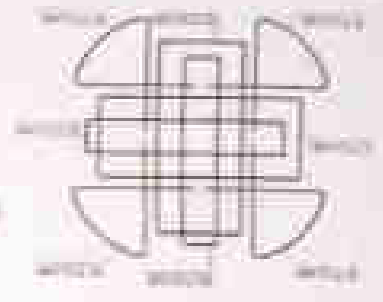
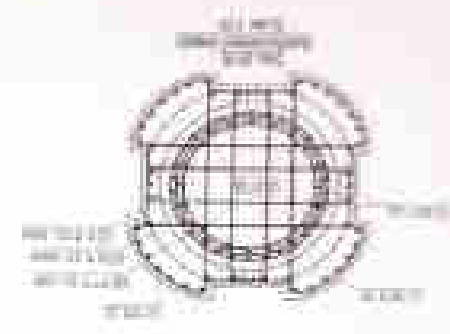
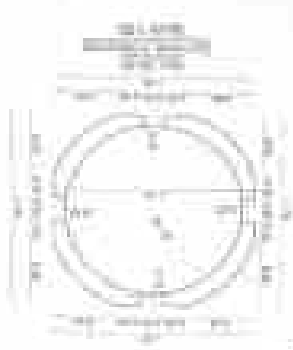
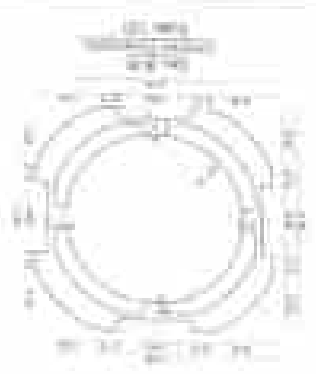
[illegible]

1000

Downloaded by [91.229.248.110] from [www.tandem.co.uk] on [12/01/2016]. See the Terms and Conditions (http://onlinelibrary.wiley.com/terms-and-conditions) on Wiley Online Library for rules of use; OA articles are governed by the applicable Creative Commons License



CONSULTING ENGINEERING OFFICE  
 13610 Highway 101, Suite 101, Richmond, BC V6V 2G9  
 TEL: 604-273-8888 FAX: 604-273-8889  
 WWW.CEO-BC.COM



13610 Highway 101, Suite 101, Richmond, BC V6V 2G9





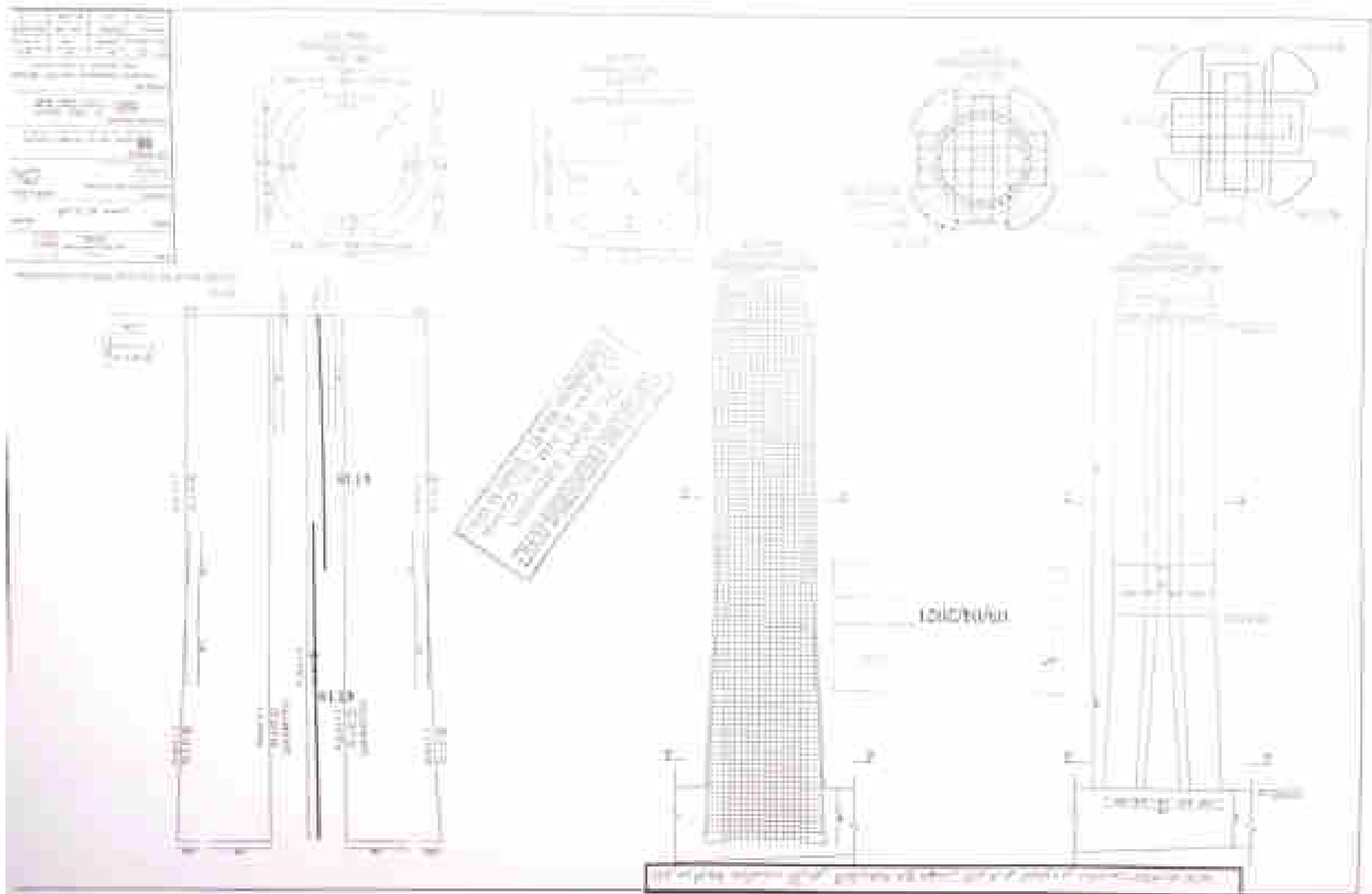


100

2000

EXAMINING OFFICE  
JAN 1 1968  
BY THE CLERK  
OF THE DISTRICT COURT

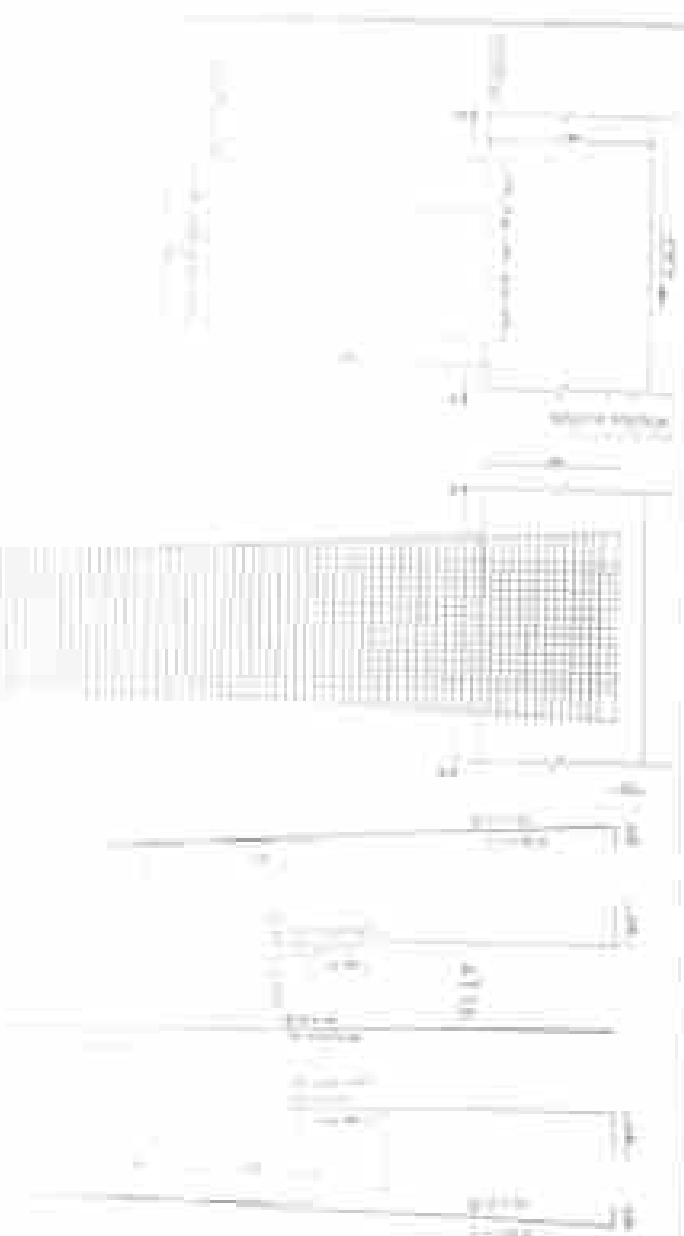
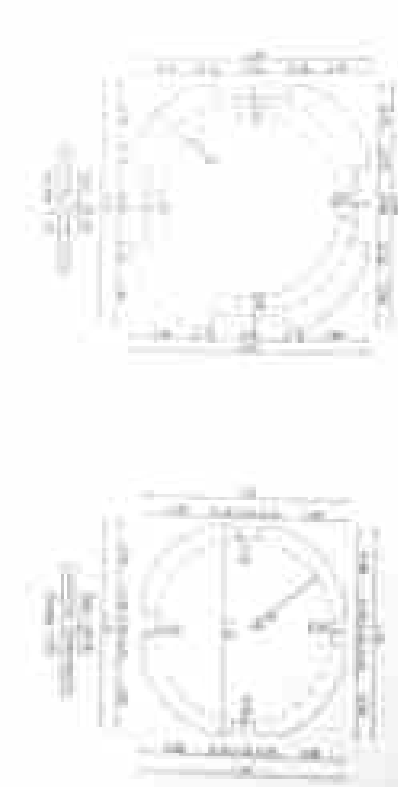
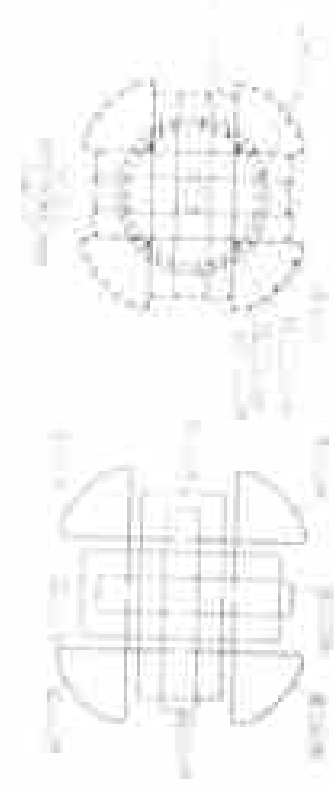
1. *Chlorophyll a* (Chl *a*)



1. Name of the Project 2. Name of the Client 3. Name of the Architect 4. Name of the Engineer 5. Name of the Contractor 6. Name of the Designer 7. Name of the Checker 8. Name of the Approver 9. Name of the Engineer 10. Name of the Designer 11. Name of the Checker 12. Name of the Approver	13. Name of the Engineer 14. Name of the Designer 15. Name of the Checker 16. Name of the Approver 17. Name of the Engineer 18. Name of the Designer 19. Name of the Checker 20. Name of the Approver
---	--

10/10/2023

1. Name of the Project  
 2. Name of the Client  
 3. Name of the Architect  
 4. Name of the Engineer  
 5. Name of the Contractor  
 6. Name of the Designer  
 7. Name of the Checker  
 8. Name of the Approver  
 9. Name of the Engineer  
 10. Name of the Designer  
 11. Name of the Checker  
 12. Name of the Approver

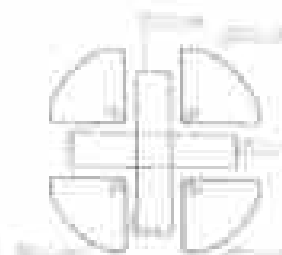


Notes:  
 1. Dimensions shown in parentheses are not to scale.  
 2. Standard dimensions of reinforcement bars are as per IS 1786-2008.  
 3. Standard dimensions of reinforcement bars are as per IS 1786-2008.

Bar No.	Φ	Shape Code				Casting Length (mm)	No. of Bars	Total Length (mm)	Weight (kg)	Reinforcement Details					
		A	B	C	D					Φ12	Φ16	Φ20	Φ25	Φ32	Φ40
1	20	80	140			170	10	1700	0.22	100.00	0	0	0	0	0
2	20	80				170	10	1700	0.22	0	0	100.00	0	0	0
3	20	140				170	10	1700	0.22	0	100.00	0	0	0	0
4	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
5	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
6	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
7	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
8	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
9	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
10	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
11	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
12	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
13	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
14	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
15	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
16	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
17	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
18	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
19	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
20	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
21	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
22	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
23	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
24	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
25	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
26	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
27	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
28	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
29	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
30	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
31	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
32	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
33	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
34	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
35	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
36	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
37	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
38	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
39	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
40	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
41	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
42	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
43	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
44	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
45	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
46	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
47	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
48	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
49	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
50	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
51	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
52	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
53	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
54	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
55	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
56	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
57	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
58	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
59	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
60	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
61	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
62	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
63	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
64	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
65	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
66	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
67	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
68	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
69	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
70	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
71	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
72	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
73	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
74	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
75	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
76	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
77	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
78	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
79	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
80	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
81	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
82	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
83	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
84	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
85	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
86	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
87	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
88	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
89	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
90	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
91	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
92	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
93	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
94	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
95	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
96	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
97	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
98	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
99	20	80	140			170	10	1700	0.22	0	0	0	0	0	0
100	20	80	140			170	10	1700	0.22	0	0	0	0	0	0



UPDATE TABLE

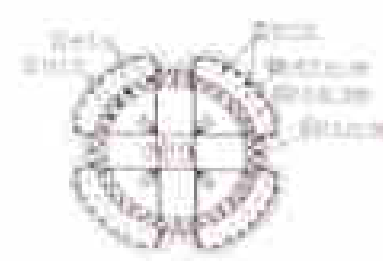
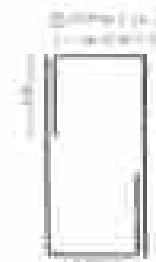
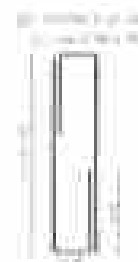
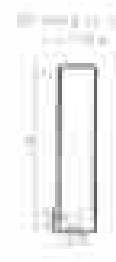


Project Name		Date	
Client Name		Page No.	
Project Location		Scale	

- Notes:  
 1. Reinforcement quantity determined using full bar rule  
 2. Reinforcement area ratio is calculated using full bar rule  
 3. Reinforcement area is calculated using full bar rule

Bar No.	Ø	Shape / Code				Volume (Length)	No. Of Bars	Total Length (m)	Weight (kg/m)						
		A	B	C	D					Ø12	Ø16	Ø18	Ø20	Ø22	Ø25
1	12	10.50	0.45			10.95	10	109.5	0.31	4094.58	0	0	0	0	0
2	12	10.50				10.50	8	84.0	0.31	0	0	108.96	0	0	0
3	12	1.00				1.00	50	50.0	0.31	0	1178.95	0	0	0	0
4	12	0.50	0.50			0.71	50	35.5	0.31	0	0	0	0	0	20.40
5	12	1.00	0.50			1.12	50	56.0	0.31	0	1291.90	0	0	0	0
6	12	1.00	0.50	1.00	1.00	1.71	100	171.0	0.31	0	0	0	0	453.41	0
7	12	0.50	1.00	1.00	1.00	1.71	100	171.0	0.31	0	0	0	0	453.41	0
8	12	0.50	1.00	1.00	1.00	1.71	100	171.0	0.31	0	0	0	0	453.41	0
9	12	1.00	1.00	1.00	1.00	2.00	100	200.0	0.31	0	0	0	0	544.81	0
10	12	1.00	1.00	1.00	1.00	2.00	100	200.0	0.31	0	0	0	0	544.81	0
11	12	1.00	1.00	1.00	1.00	2.00	100	200.0	0.31	0	0	0	0	544.81	0
12	12	1.00	1.00	1.00	1.00	2.00	100	200.0	0.31	0	0	0	0	544.81	0
Total weight for each bar diameter (kg)										4094.58	1178.95	108.96	544.81	1584.00	20.40
Total weight (kg)										8582.22					

UPDATE TABLE



*[Handwritten signature]*

*[Handwritten signature]*

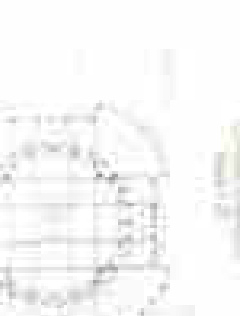
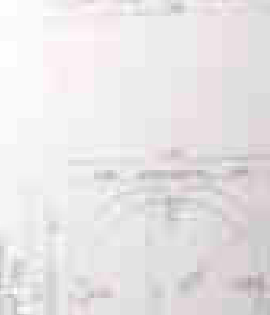
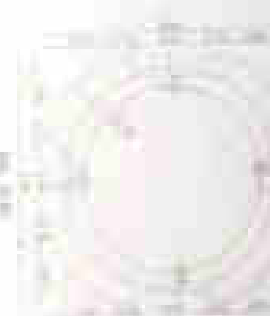
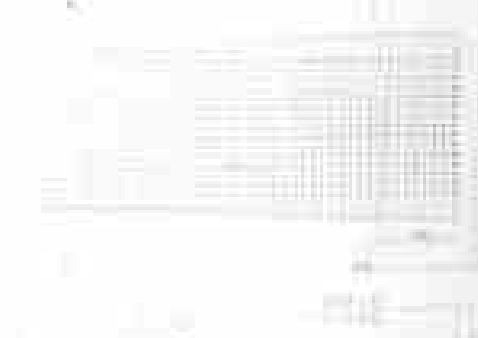
*[Handwritten signature]*

ردیف	شرح	مقدار	واحد	مبلغ
1	...	...	...	...
2	...	...	...	...
3	...	...	...	...
4	...	...	...	...
5	...	...	...	...
6	...	...	...	...
7	...	...	...	...
8	...	...	...	...
9	...	...	...	...
10	...	...	...	...
11	...	...	...	...
12	...	...	...	...
13	...	...	...	...
14	...	...	...	...
15	...	...	...	...
16	...	...	...	...
17	...	...	...	...
18	...	...	...	...
19	...	...	...	...
20	...	...	...	...
21	...	...	...	...
22	...	...	...	...
23	...	...	...	...
24	...	...	...	...
25	...	...	...	...
26	...	...	...	...
27	...	...	...	...
28	...	...	...	...
29	...	...	...	...
30	...	...	...	...
31	...	...	...	...
32	...	...	...	...
33	...	...	...	...
34	...	...	...	...
35	...	...	...	...
36	...	...	...	...
37	...	...	...	...
38	...	...	...	...
39	...	...	...	...
40	...	...	...	...
41	...	...	...	...
42	...	...	...	...
43	...	...	...	...
44	...	...	...	...
45	...	...	...	...
46	...	...	...	...
47	...	...	...	...
48	...	...	...	...
49	...	...	...	...
50	...	...	...	...
51	...	...	...	...
52	...	...	...	...
53	...	...	...	...
54	...	...	...	...
55	...	...	...	...
56	...	...	...	...
57	...	...	...	...
58	...	...	...	...
59	...	...	...	...
60	...	...	...	...
61	...	...	...	...
62	...	...	...	...
63	...	...	...	...
64	...	...	...	...
65	...	...	...	...
66	...	...	...	...
67	...	...	...	...
68	...	...	...	...
69	...	...	...	...
70	...	...	...	...
71	...	...	...	...
72	...	...	...	...
73	...	...	...	...
74	...	...	...	...
75	...	...	...	...
76	...	...	...	...
77	...	...	...	...
78	...	...	...	...
79	...	...	...	...
80	...	...	...	...
81	...	...	...	...
82	...	...	...	...
83	...	...	...	...
84	...	...	...	...
85	...	...	...	...
86	...	...	...	...
87	...	...	...	...
88	...	...	...	...
89	...	...	...	...
90	...	...	...	...
91	...	...	...	...
92	...	...	...	...
93	...	...	...	...
94	...	...	...	...
95	...	...	...	...
96	...	...	...	...
97	...	...	...	...
98	...	...	...	...
99	...	...	...	...
100	...	...	...	...

ردیف	شرح	مقدار	واحد	مبلغ
1	...	...	...	...
2	...	...	...	...
3	...	...	...	...
4	...	...	...	...
5	...	...	...	...
6	...	...	...	...
7	...	...	...	...
8	...	...	...	...
9	...	...	...	...
10	...	...	...	...
11	...	...	...	...
12	...	...	...	...
13	...	...	...	...
14	...	...	...	...
15	...	...	...	...
16	...	...	...	...
17	...	...	...	...
18	...	...	...	...
19	...	...	...	...
20	...	...	...	...
21	...	...	...	...
22	...	...	...	...
23	...	...	...	...
24	...	...	...	...
25	...	...	...	...
26	...	...	...	...
27	...	...	...	...
28	...	...	...	...
29	...	...	...	...
30	...	...	...	...
31	...	...	...	...
32	...	...	...	...
33	...	...	...	...
34	...	...	...	...
35	...	...	...	...
36	...	...	...	...
37	...	...	...	...
38	...	...	...	...
39	...	...	...	...
40	...	...	...	...
41	...	...	...	...
42	...	...	...	...
43	...	...	...	...
44	...	...	...	...
45	...	...	...	...
46	...	...	...	...
47	...	...	...	...
48	...	...	...	...
49	...	...	...	...
50	...	...	...	...
51	...	...	...	...
52	...	...	...	...
53	...	...	...	...
54	...	...	...	...
55	...	...	...	...
56	...	...	...	...
57	...	...	...	...
58	...	...	...	...
59	...	...	...	...
60	...	...	...	...
61	...	...	...	...
62	...	...	...	...
63	...	...	...	...
64	...	...	...	...
65	...	...	...	...
66	...	...	...	...
67	...	...	...	...
68	...	...	...	...
69	...	...	...	...
70	...	...	...	...
71	...	...	...	...
72	...	...	...	...
73	...	...	...	...
74	...	...	...	...
75	...	...	...	...
76	...	...	...	...
77	...	...	...	...
78	...	...	...	...
79	...	...	...	...
80	...	...	...	...
81	...	...	...	...
82	...	...	...	...
83	...	...	...	...
84	...	...	...	...
85	...	...	...	...
86	...	...	...	...
87	...	...	...	...
88	...	...	...	...
89	...	...	...	...
90	...	...	...	...
91	...	...	...	...
92	...	...	...	...
93	...	...	...	...
94	...	...	...	...
95	...	...	...	...
96	...	...	...	...
97	...	...	...	...
98	...	...	...	...
99	...	...	...	...
100	...	...	...	...

ردیف	شرح	مقدار	واحد	مبلغ
1	...	...	...	...
2	...	...	...	...
3	...	...	...	...
4	...	...	...	...
5	...	...	...	...
6	...	...	...	...
7	...	...	...	...
8	...	...	...	...
9	...	...	...	...
10	...	...	...	...
11	...	...	...	...
12	...	...	...	...
13	...	...	...	...
14	...	...	...	...
15	...	...	...	...
16	...	...	...	...
17	...	...	...	...
18	...	...	...	...
19	...	...	...	...
20	...	...	...	...
21	...	...	...	...
22	...	...	...	...
23	...	...	...	...
24	...	...	...	...
25	...	...	...	...
26	...	...	...	...
27	...	...	...	...
28	...	...	...	...
29	...	...	...	...
30	...	...	...	...
31	...	...	...	...
32	...	...	...	...
33	...	...	...	...
34	...	...	...	...
35	...	...	...	...
36	...	...	...	...
37	...	...	...	...
38	...	...	...	...
39	...	...	...	...
40	...	...	...	...
41	...	...	...	...
42	...	...	...	...
43	...	...	...	...
44	...	...	...	...
45	...	...	...	...
46	...	...	...	...
47	...	...	...	...
48	...	...	...	...
49	...	...	...	...
50	...	...	...	...
51	...	...	...	...
52	...	...	...	...
53	...	...	...	...
54	...	...	...	...
55	...	...	...	...
56	...	...	...	...
57	...	...	...	...
58	...	...	...	...
59	...	...	...	...
60	...	...	...	...
61	...	...	...	...
62	...	...	...	...
63	...	...	...	...
64	...	...	...	...
65	...	...	...	...
66	...	...	...	...
67	...	...	...	...
68	...	...	...	...
69	...	...	...	...
70	...	...	...	...
71	...	...	...	...
72	...	...	...	...
73	...	...	...	...
74	...	...	...	...
75	...	...	...	...
76	...	...	...	...
77	...	...	...	...
78	...	...	...	...
79	...	...	...	...
80	...	...	...	...
81	...	...	...	...
82	...	...	...	...
83	...	...	...	...
84	...	...	...	...
85	...	...	...	...
86	...	...	...	...
87	...	...	...	...
88	...	...	...	...
89	...	...	...	...
90	...	...	...	...
91	...	...	...	...
92	...	...	...	...
93	...	...	...	...
94	...	...	...	...
95	...	...	...	...
96	...	...	...	...
97	...	...	...	...
98	...	...	...	...
99	...	...	...	...
100	...	...	...	...

ردیف	شرح	مقدار	واحد	مبلغ
1	...	...	...	...
2	...	...	...	...
3	...	...	...	...
4	...	...	...	...
5	...	...	...	...
6	...	...	...	...
7	...	...	...	...
8	...	...	...	...
9	...	...	...	...
10	...	...	...	...
11	...	...	...	...
12	...	...	...	...
13	...	...	...	...
14	...	...	...	...
15	...	...	...	...
16	...	...	...	...
17	...	...	...	...
18	...	...	...	...
19	...	...	...	...
20	...	...	...	...
21	...	...	...	...
22	...	...	...	...
23	...	...	...	...
24	...	...	...	...
25	...	...	...	...
26	...	...	...	...
27	...	...	...	...
28	...	...	...	...
29	...	...	...	...
30	...	...	...	...
31	...	...	...	...
32	...	...	...	...
33	...	...	...	...
34	...	...	...	...
35	...	...	...	...
36	...	...	...	...
37	...	...	...	...
38	...	...	...	...
39	...	...	...	...
40	...	...	...	...
41	...	...	...	...
42	...	...	...	...
43	...	...	...	...
44	...	...	...	...
45	...	...	...	...
46	...	...	...	...
47	...	...	...	...
48	...	...	...	...
49	...	...	...	...
50	...	...	...	...
51	...	...	...	...
52	...	...	...	...
53	...	...	...	...
54	...	...	...	...
55	...	...	...	...
56	...	...	...	...
57	...	...	...	...
58	...	...	...	...
59	...	...	...	...
60	...	...	...	...
61	...	...	...	...
62	...	...	...	...
63	...	...	...	...



Power Supply Unit

Power Supply Unit

Power Supply Unit

Power Supply Unit

Power Supply Unit

Power Supply Unit

Power Supply Unit

Power Supply Unit

Power Supply Unit

Power Supply Unit

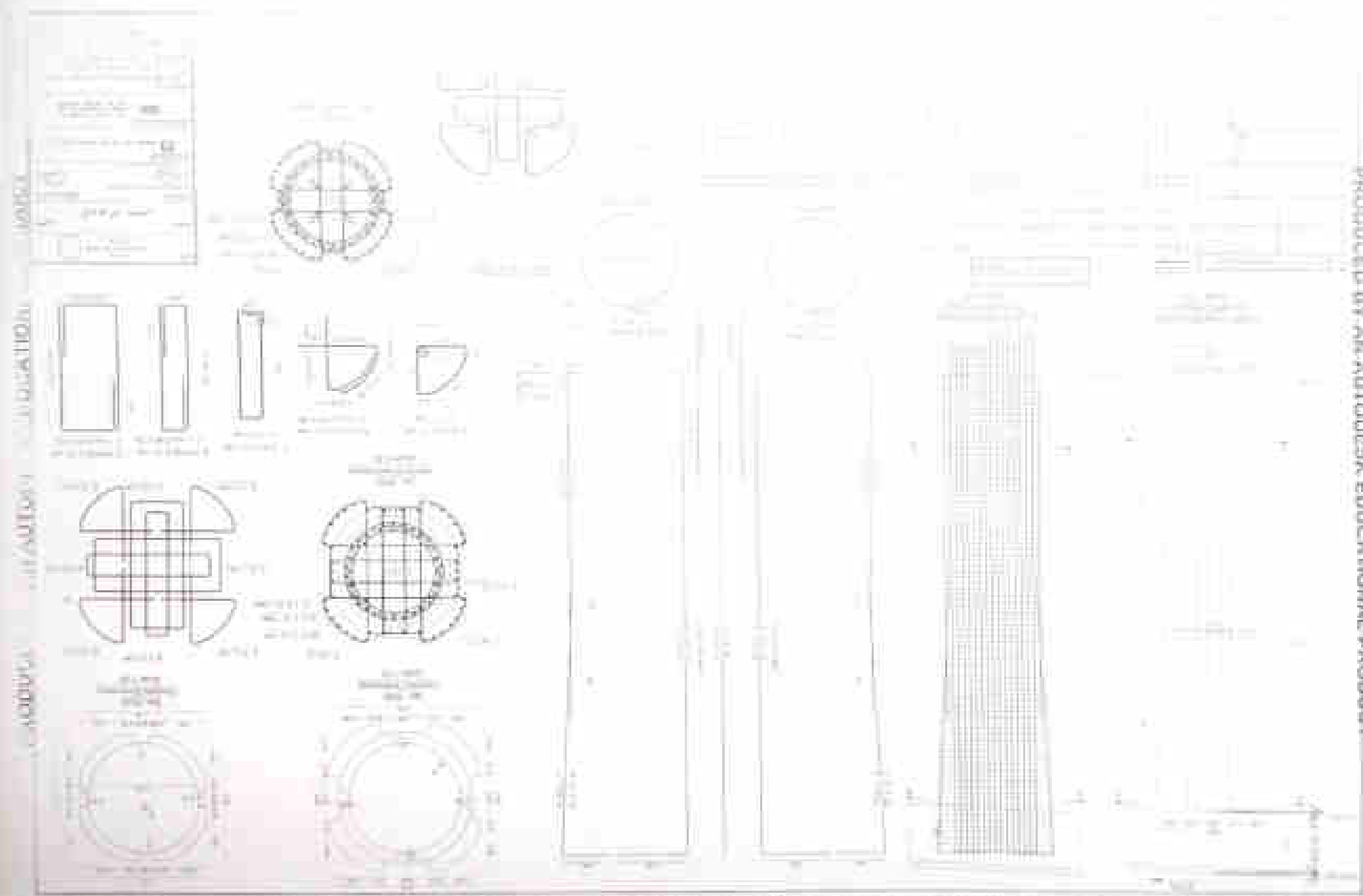
Power Supply Unit

Power Supply Unit

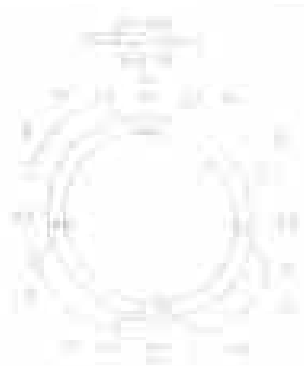
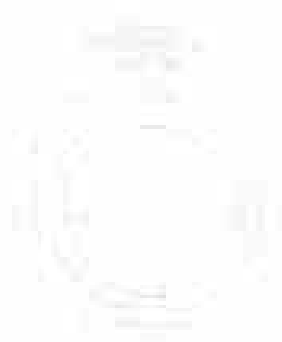
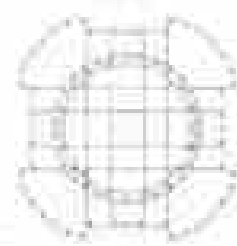
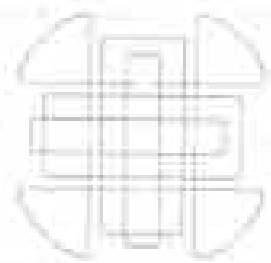
Power Supply Unit

Power Supply Unit

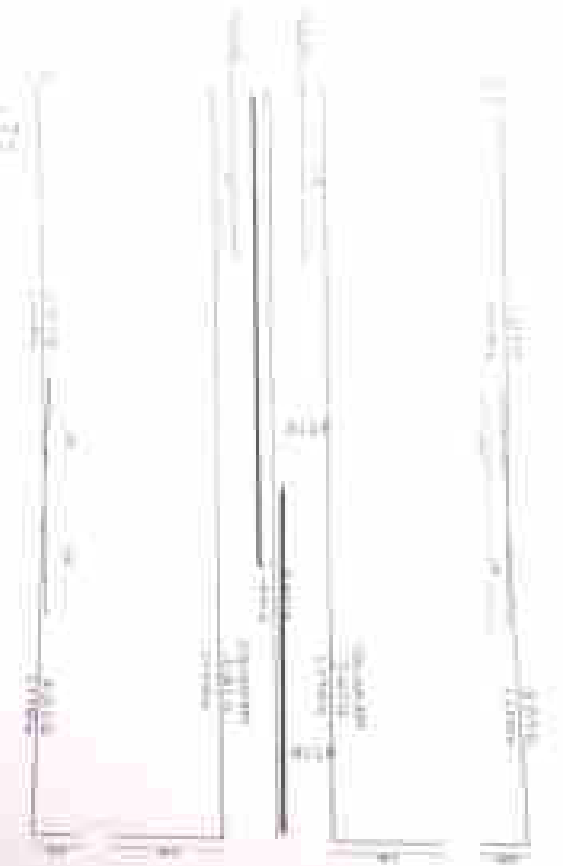
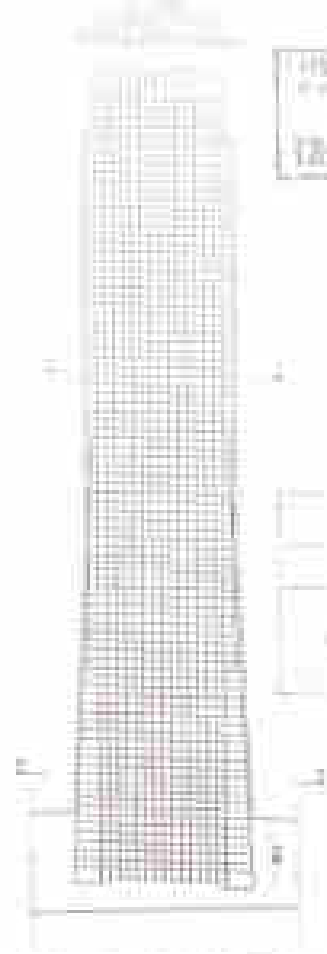
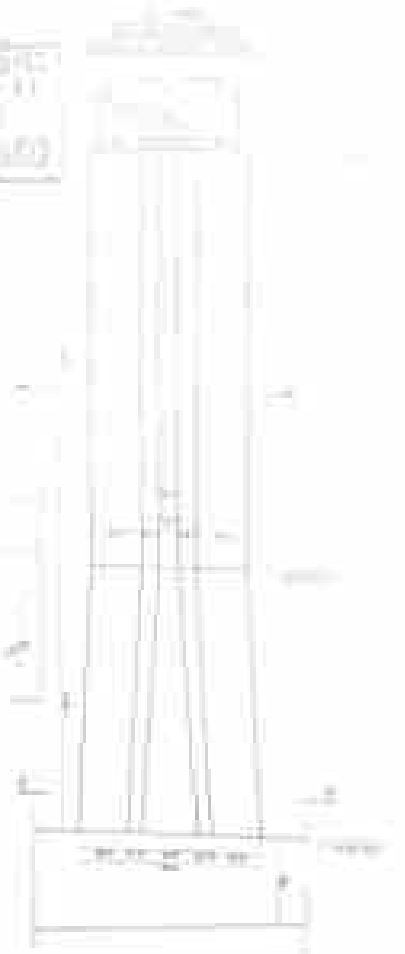
Power Supply Unit



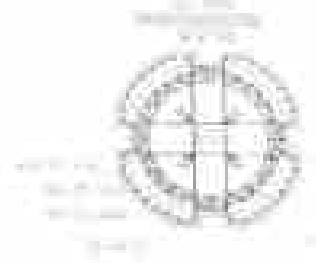




CONSTRUCTION OF THE BUILDING  
1. The building is a rectangular structure  
2. The building is a rectangular structure  
3. The building is a rectangular structure  
4. The building is a rectangular structure



CONSTRUCTION OF THE BUILDING  
1. The building is a rectangular structure  
2. The building is a rectangular structure  
3. The building is a rectangular structure  
4. The building is a rectangular structure

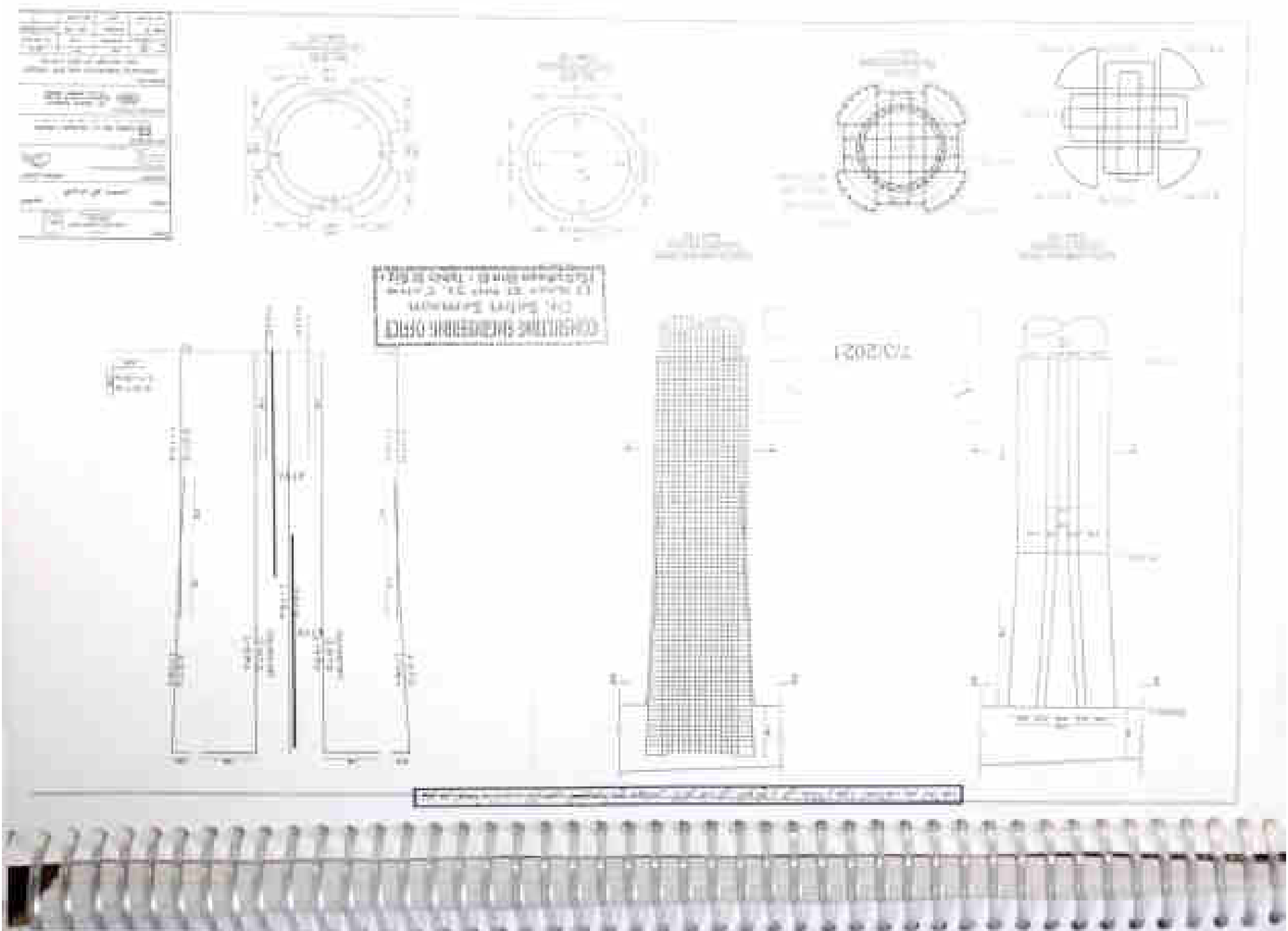


1. The first step is to identify the problem. In this case, the problem is that the company is not meeting its sales targets.

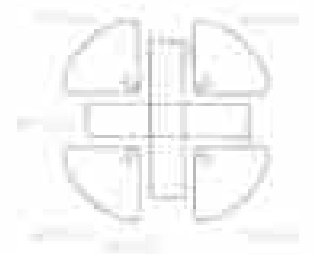
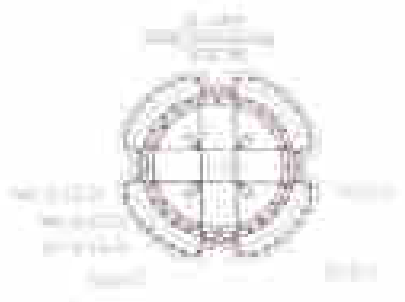
Date		Page	
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

UPDATE TABLES



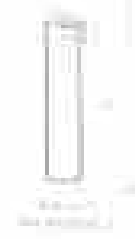
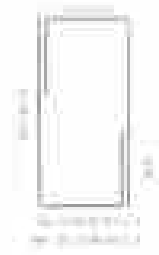


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

CONSULTING ENGINEERING OFFICE  
Dr. Saeed Zahran  
13 Khamis St. 1st Floor  
Tel: 011 233 1111

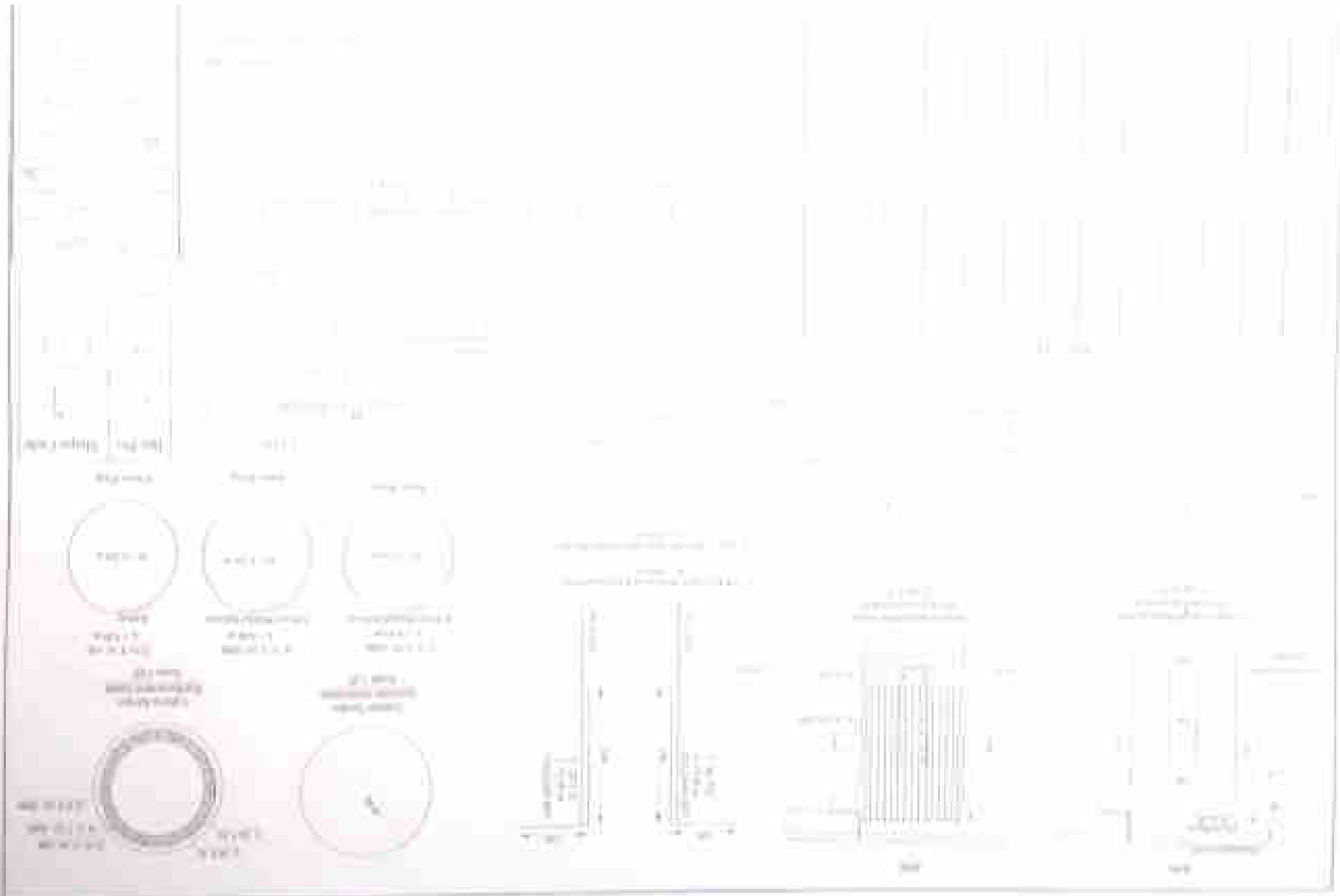


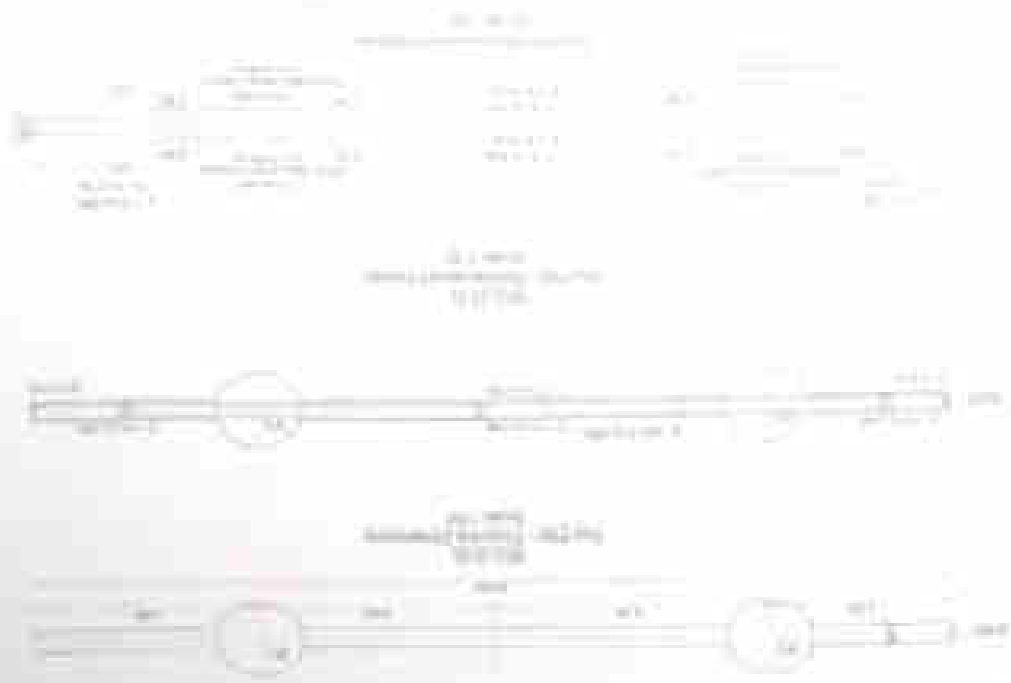
1/20/2021



TABLE 1										TABLE 2									
NO.	DATE	REVISION	BY	CHKD.	APPD.	NO.	DATE	REVISION	BY	CHKD.	APPD.	NO.	DATE	REVISION	BY	CHKD.	APPD.	NO.	DATE
1	1/20/2021	1	...	...	...	1	1/20/2021	1	...	...	...	1	1/20/2021	1	...	...	...	1	1/20/2021
2	...	...	...	...	...	2	...	...	...	...	...	2	...	...	...	...	...	2	...
3	...	...	...	...	...	3	...	...	...	...	...	3	...	...	...	...	...	3	...
4	...	...	...	...	...	4	...	...	...	...	...	4	...	...	...	...	...	4	...
5	...	...	...	...	...	5	...	...	...	...	...	5	...	...	...	...	...	5	...
6	...	...	...	...	...	6	...	...	...	...	...	6	...	...	...	...	...	6	...
7	...	...	...	...	...	7	...	...	...	...	...	7	...	...	...	...	...	7	...
8	...	...	...	...	...	8	...	...	...	...	...	8	...	...	...	...	...	8	...
9	...	...	...	...	...	9	...	...	...	...	...	9	...	...	...	...	...	9	...
10	...	...	...	...	...	10	...	...	...	...	...	10	...	...	...	...	...	10	...
11	...	...	...	...	...	11	...	...	...	...	...	11	...	...	...	...	...	11	...
12	...	...	...	...	...	12	...	...	...	...	...	12	...	...	...	...	...	12	...
13	...	...	...	...	...	13	...	...	...	...	...	13	...	...	...	...	...	13	...
14	...	...	...	...	...	14	...	...	...	...	...	14	...	...	...	...	...	14	...
15	...	...	...	...	...	15	...	...	...	...	...	15	...	...	...	...	...	15	...
16	...	...	...	...	...	16	...	...	...	...	...	16	...	...	...	...	...	16	...
17	...	...	...	...	...	17	...	...	...	...	...	17	...	...	...	...	...	17	...
18	...	...	...	...	...	18	...	...	...	...	...	18	...	...	...	...	...	18	...
19	...	...	...	...	...	19	...	...	...	...	...	19	...	...	...	...	...	19	...
20	...	...	...	...	...	20	...	...	...	...	...	20	...	...	...	...	...	20	...
21	...	...	...	...	...	21	...	...	...	...	...	21	...	...	...	...	...	21	...
22	...	...	...	...	...	22	...	...	...	...	...	22	...	...	...	...	...	22	...
23	...	...	...	...	...	23	...	...	...	...	...	23	...	...	...	...	...	23	...
24	...	...	...	...	...	24	...	...	...	...	...	24	...	...	...	...	...	24	...
25	...	...	...	...	...	25	...	...	...	...	...	25	...	...	...	...	...	25	...
26	...	...	...	...	...	26	...	...	...	...	...	26	...	...	...	...	...	26	...
27	...	...	...	...	...	27	...	...	...	...	...	27	...	...	...	...	...	27	...
28	...	...	...	...	...	28	...	...	...	...	...	28	...	...	...	...	...	28	...
29	...	...	...	...	...	29	...	...	...	...	...	29	...	...	...	...	...	29	...
30	...	...	...	...	...	30	...	...	...	...	...	30	...	...	...	...	...	30	...
31	...	...	...	...	...	31	...	...	...	...	...	31	...	...	...	...	...	31	...
32	...	...	...	...	...	32	...	...	...	...	...	32	...	...	...	...	...	32	...
33	...	...	...	...	...	33	...	...	...	...	...	33	...	...	...	...	...	33	...
34	...	...	...	...	...	34	...	...	...	...	...	34	...	...	...	...	...	34	...
35	...	...	...	...	...	35	...	...	...	...	...	35	...	...	...	...	...	35	...
36	...	...	...	...	...	36	...	...	...	...	...	36	...	...	...	...	...	36	...
37	...	...	...	...	...	37	...	...	...	...	...	37	...	...	...	...	...	37	...
38	...	...	...	...	...	38	...	...	...	...	...	38	...	...	...	...	...	38	...
39	...	...	...	...	...	39	...	...	...	...	...	39	...	...	...	...	...	39	...
40	...	...	...	...	...	40	...	...	...	...	...	40	...	...	...	...	...	40	...
41	...	...	...	...	...	41	...	...	...	...	...	41	...	...	...	...	...	41	...
42	...	...	...	...	...	42	...	...	...	...	...	42	...	...	...	...	...	42	...
43	...	...	...	...	...	43	...	...	...	...	...	43	...	...	...	...	...	43	...
44	...	...	...	...	...	44	...	...	...	...	...	44	...	...	...	...	...	44	...
45	...	...	...	...	...	45	...	...	...	...	...	45	...	...	...	...	...	45	...
46	...	...	...	...	...	46	...	...	...	...	...	46	...	...	...	...	...	46	...
47	...	...	...	...	...	47	...	...	...	...	...	47	...	...	...	...	...	47	...
48	...	...	...	...	...	48	...	...	...	...	...	48	...	...	...	...	...	48	...
49	...	...	...	...	...	49	...	...	...	...	...	49	...	...	...	...	...	49	...
50	...	...	...	...	...	50	...	...	...	...	...	50	...	...	...	...	...	50	...
51	...	...	...	...	...	51	...	...	...	...	...	51	...	...	...	...	...	51	...
52	...	...	...	...	...	52	...	...	...	...	...	52	...	...	...	...	...	52	...
53	...	...	...	...	...	53	...	...	...	...	...	53	...	...	...	...	...	53	...
54	...	...	...	...	...	54	...	...	...	...	...	54	...	...	...	...	...	54	...
55	...	...	...	...	...	55	...	...	...	...	...	55	...	...	...	...	...	55	...
56	...	...	...	...	...	56	...	...	...	...	...	56	...	...	...	...	...	56	...
57	...	...	...	...	...	57	...	...	...	...	...	57	...	...	...	...	...	57	...
58	...	...	...	...	...	58	...	...	...	...	...	58	...	...	...	...	...	58	...
59	...	...	...	...	...	59	...	...	...	...	...	59	...	...	...	...	...	59	...
60	...	...	...	...	...	60	...	...	...	...	...	60	...	...	...	...	...	60	...
61	...	...	...	...	...	61	...	...	...	...	...	61	...	...	...	...	...	61	...
62	...	...	...	...	...	62	...	...	...	...	...	62	...	...	...	...	...	62	...
63	...	...	...	...	...	63	...	...	...	...	...	63	...	...	...	...	...	63	...
64	...	...	...	...	...	64	...	...	...	...	...	64	...	...	...	...	...	64	...
65	...	...	...	...	...	65	...	...	...	...	...	65	...	...	...	...	...	65	...
66	...	...	...	...	...	66	...	...	...	...	...	66	...	...	...	...	...	66	...
67	...	...	...	...	...	67	...	...	...	...	...	67	...	...	...	...	...	67	...
68	...	...	...	...	...	68	...	...	...	...	...	68	...	...	...	...	...	68	...
69	...	...	...	...	...	69	...	...	...	...	...	69	...	...	...	...	...	69	...
70	...	...	...	...	...	70	...	...	...	...	...	70	...	...	...	...	...	70	...
71	...	...	...	...	...	71	...	...	...	...	...	71	...	...	...	...	...	71	...
72	...	...	...	...	...	72	...	...	...	...	...	72	...	...	...	...	...	72	...
73	...	...	...	...	...	73	...	...	...	...	...	73	...	...	...	...	...	73	...
74	...	...	...	...	...	74	...	...	...	...	...	74	...	...	...	...	...	74	...
75	...	...	...	...	...	75	...	...	...	...	...	75	...	...	...	...	...	75	...
76	...	...	...	...	...	76	...	...	...	...	...	76	...	...	...	...	...	76	...
77	...	...	...	...	...	77	...	...	...	...	...	77	...	...	...	...	...	77	...
78	...	...	...	...	...	78	...	...	...	...	...	78	...	...	...	...	...	78	...
79	...	...	...	...	...	79	...	...	...	...	...	79	...	...	...	...	...	79	...
80	...	...	...	...	...	80	...	...	...	...	...	80	...	...	...	...	...	80	...
81	...	...	...	...	...	81	...	...	...	...	...	81	...	...	...	...	...	81	...
82	...	...	...	...	...	82	...	...	...	...	...	82	...	...	...	...	...	82	...
83	...	...	...	...	...	83	...	...	...	...	...	83	...	...	...	...	...	83	...
84	...	...	...	...	...	84	...	...	...	...	...	84	...	...	...	...	...	84	...
85	...	...	...	...	...	85	...	...	...	...	...	85	...	...	...	...	...	85	...
86	...	...	...	...	...	86	...	...	...	...	...	86	...	...	...	...	...	86	...
87	...	...	...	...	...	87	...	...	...	...	...	87	...	...	...	...	...</		







27

28

29

30

31

32

33

34

35

36

37

38

39

40	41	42	43	44	45
46	47	48	49	50	51
52	53	54	55	56	57
58	59	60	61	62	63
64	65	66	67	68	69
70	71	72	73	74	75
76	77	78	79	80	81
82	83	84	85	86	87
88	89	90	91	92	93
94	95	96	97	98	99
100	101	102	103	104	105
106	107	108	109	110	111
112	113	114	115	116	117
118	119	120	121	122	123
124	125	126	127	128	129
130	131	132	133	134	135
136	137	138	139	140	141
142	143	144	145	146	147
148	149	150	151	152	153
154	155	156	157	158	159
160	161	162	163	164	165
166	167	168	169	170	171
172	173	174	175	176	177
178	179	180	181	182	183
184	185	186	187	188	189
190	191	192	193	194	195
196	197	198	199	200	201
202	203	204	205	206	207
208	209	210	211	212	213
214	215	216	217	218	219
220	221	222	223	224	225
226	227	228	229	230	231
232	233	234	235	236	237
238	239	240	241	242	243
244	245	246	247	248	249
250	251	252	253	254	255
256	257	258	259	260	261
262	263	264	265	266	267
268	269	270	271	272	273
274	275	276	277	278	279
280	281	282	283	284	285
286	287	288	289	290	291
292	293	294	295	296	297
298	299	300	301	302	303
304	305	306	307	308	309
310	311	312	313	314	315
316	317	318	319	320	321
322	323	324	325	326	327
328	329	330	331	332	333
334	335	336	337	338	339
340	341	342	343	344	345
346	347	348	349	350	351
352	353	354	355	356	357
358	359	360	361	362	363
364	365	366	367	368	369
370	371	372	373	374	375
376	377	378	379	380	381
382	383	384	385	386	387
388	389	390	391	392	393
394	395	396	397	398	399
400	401	402	403	404	405
406	407	408	409	410	411
412	413	414	415	416	417
418	419	420	421	422	423
424	425	426	427	428	429
430	431	432	433	434	435
436	437	438	439	440	441
442	443	444	445	446	447
448	449	450	451	452	453
454	455	456	457	458	459
460	461	462	463	464	465
466	467	468	469	470	471
472	473	474	475	476	477
478	479	480	481	482	483
484	485	486	487	488	489
490	491	492	493	494	495
496	497	498	499	500	501
502	503	504	505	506	507
508	509	510	511	512	513
514	515	516	517	518	519
520	521	522	523	524	525
526	527	528	529	530	531
532	533	534	535	536	537
538	539	540	541	542	543
544	545	546	547	548	549
550	551	552	553	554	555
556	557	558	559	560	561
562	563	564	565	566	567
568	569	570	571	572	573
574	575	576	577	578	579
580	581	582	583	584	585
586	587	588	589	590	591
592	593	594	595	596	597
598	599	600	601	602	603
604	605	606	607	608	609
610	611	612	613	614	615
616	617	618	619	620	621
622	623	624	625	626	627
628	629	630	631	632	633
634	635	636	637	638	639
640	641	642	643	644	645
646	647	648	649	650	651
652	653	654	655	656	657
658	659	660	661	662	663
664	665	666	667	668	669
670	671	672	673	674	675
676	677	678	679	680	681
682	683	684	685	686	687
688	689	690	691	692	693
694	695	696	697	698	699
700	701	702	703	704	705
706	707	708	709	710	711
712	713	714	715	716	717
718	719	720	721	722	723
724	725	726	727	728	729
730	731	732	733	734	735
736	737	738	739	740	741
742	743	744	745	746	747
748	749	750	751	752	753
754	755	756	757	758	759
760	761	762	763	764	765
766	767	768	769	770	771
772	773	774	775	776	777
778	779	780	781	782	783
784	785	786	787	788	789
790	791	792	793	794	795
796	797	798	799	800	801
802	803	804	805	806	807
808	809	810	811	812	813
814	815	816	817	818	819
820	821	822	823	824	825
826	827	828	829	830	831
832	833	834	835	836	837
838	839	840	841	842	843
844	845	846	847	848	849
850	851	852	853	854	855
856	857	858	859	860	861
862	863	864	865	866	867
868	869	870	871	872	873
874	875	876	877	878	879
880	881	882	883	884	885
886	887	888	889	890	891
892	893	894	895	896	897
898	899	900	901	902	903
904	905	906	907	908	909
910	911	912	913	914	915
916	917	918	919	920	921
922	923	924	925	926	927
928	929	930	931	932	933
934	935	936	937	938	939
940	941	942	943	944	945
946	947	948	949	950	951
952	953	954	955	956	957
958	959	960	961	962	963
964	965	966	967	968	969
970	971	972	973	974	975
976	977	978	979	980	981
982	983	984	985	986	987
988	989	990	991	992	993
994	995	996	997	998	999
1000	1001	1002	1003	1004	1005

1006

1007

1008

1009

1010

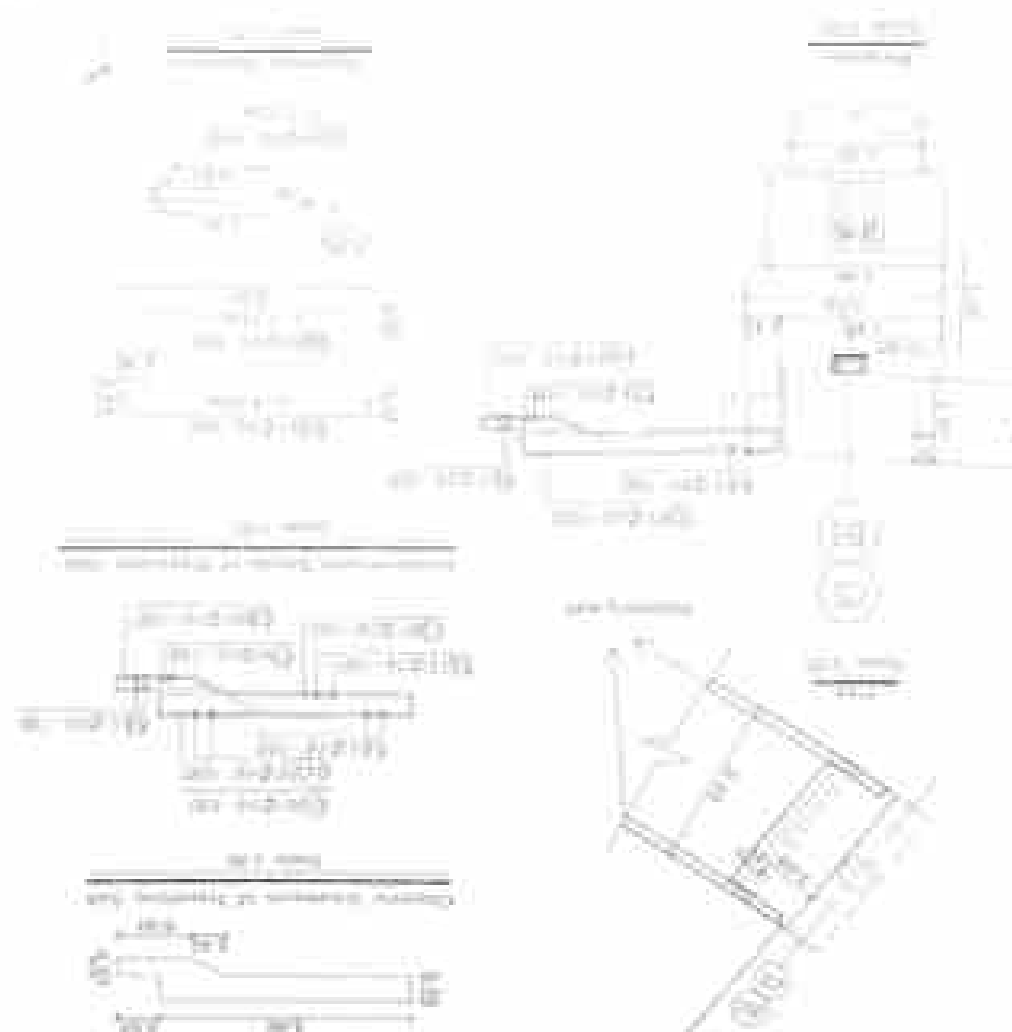
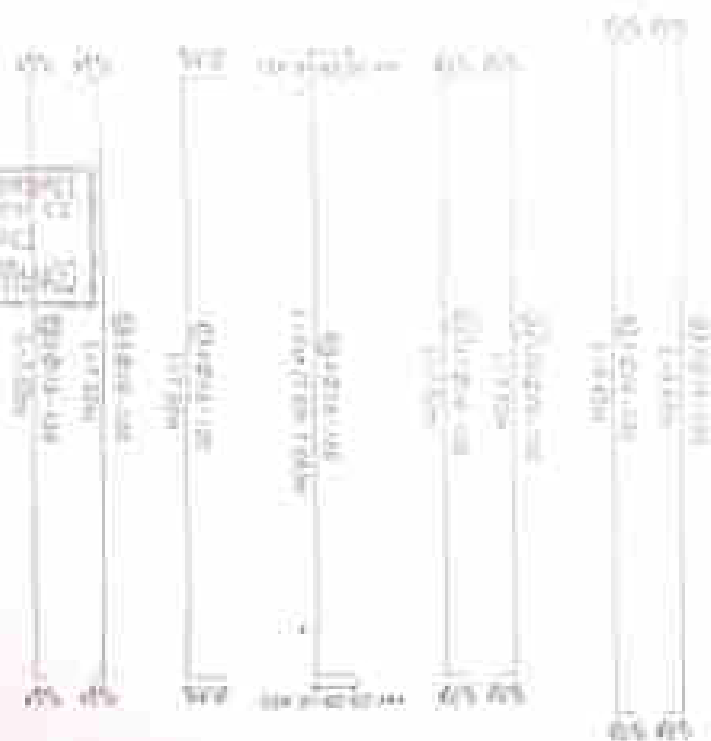
1011

1012











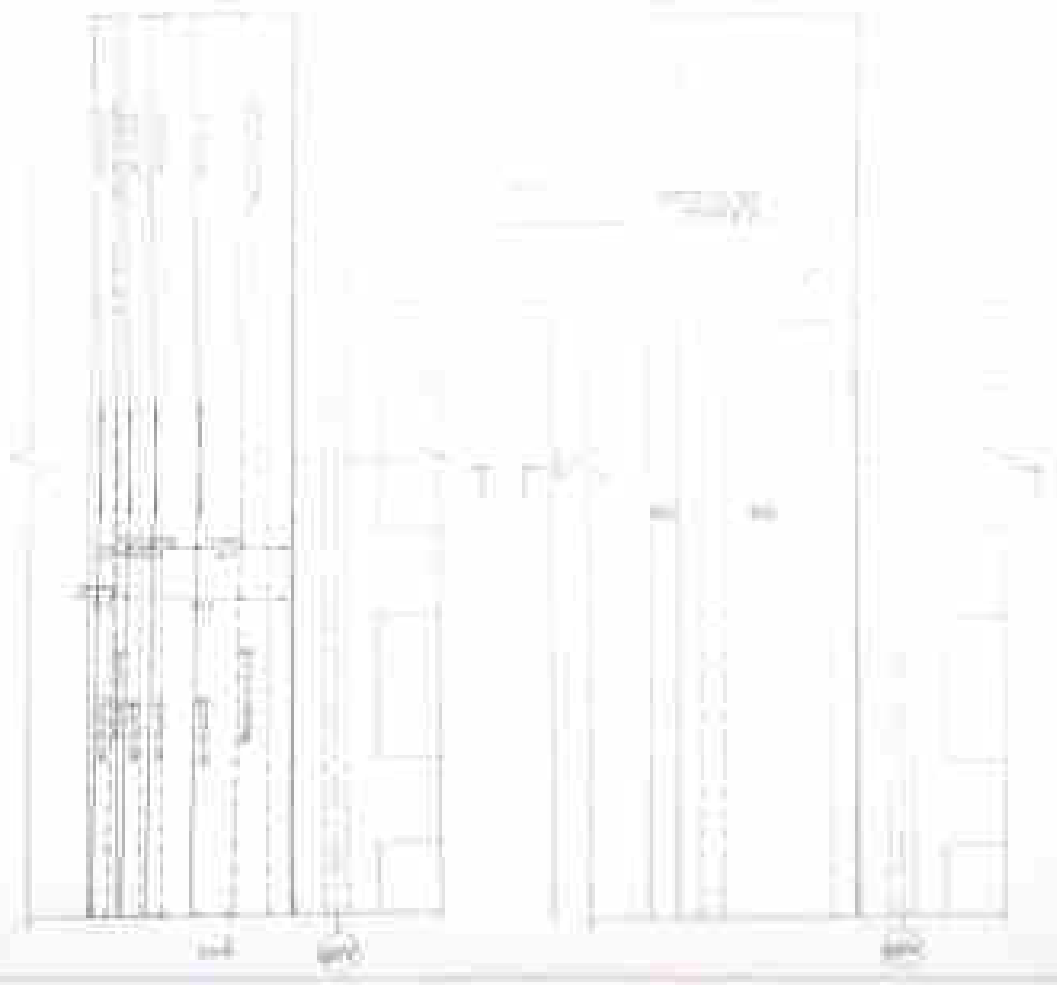
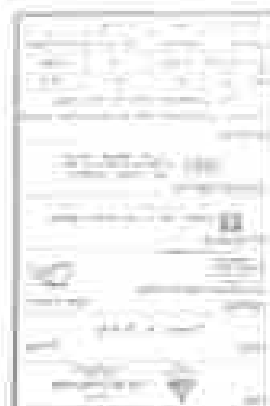
مدير عام



مدير عام

البيانات الشخصية				رقم
الاسم	اللقب	الجنس	العنوان	رقم
الاسم	اللقب	الجنس	العنوان	رقم
ملاحظات				





Handwritten signature or mark at the top center.

A00 الكورس الثاني في الهندسة المدنية  
الخط في المقياس 1:100



كورس في المقياس 1:100



**Product:** *Quality Forward Training*

Product	100% 100% 100% 100% 100% 100% 100% 100% 100% 100%
Material	100% 100% 100% 100% 100% 100% 100% 100% 100% 100%
Weight	100% 100% 100% 100% 100% 100% 100% 100% 100% 100%
Volume	100% 100% 100% 100% 100% 100% 100% 100% 100% 100%
Temperature	100% 100% 100% 100% 100% 100% 100% 100% 100% 100%
Pressure	100% 100% 100% 100% 100% 100% 100% 100% 100% 100%
Time	100% 100% 100% 100% 100% 100% 100% 100% 100% 100%
Location	100% 100% 100% 100% 100% 100% 100% 100% 100% 100%
Other	100% 100% 100% 100% 100% 100% 100% 100% 100% 100%

Phone	462-3316
-------	----------

(MCM)  $\mu_{\text{MCM}} = 0.0001$  g/mol

Item	Category	Quantity	Unit Price (₹)	Total Price (₹)	Remarks
1	Office Stationery	100	10.00	1000.00	
2	Office Stationery	50	20.00	1000.00	
3	Office Stationery	20	50.00	1000.00	
4	Office Stationery	10	100.00	1000.00	
5	Office Stationery	5	200.00	1000.00	
6	Office Stationery	2	500.00	1000.00	
7	Office Stationery	1	1000.00	1000.00	
8	Office Stationery	0.5	2000.00	1000.00	
9	Office Stationery	0.2	5000.00	1000.00	
10	Office Stationery	0.1	10000.00	1000.00	
11	Office Stationery	0.05	20000.00	1000.00	
12	Office Stationery	0.02	50000.00	1000.00	
13	Office Stationery	0.01	100000.00	1000.00	
14	Office Stationery	0.005	200000.00	1000.00	
15	Office Stationery	0.002	500000.00	1000.00	
16	Office Stationery	0.001	1000000.00	1000.00	
17	Office Stationery	0.0005	2000000.00	1000.00	
18	Office Stationery	0.0002	5000000.00	1000.00	
19	Office Stationery	0.0001	10000000.00	1000.00	
20	Office Stationery	0.00005	20000000.00	1000.00	
21	Office Stationery	0.00002	50000000.00	1000.00	
22	Office Stationery	0.00001	100000000.00	1000.00	
23	Office Stationery	0.000005	200000000.00	1000.00	
24	Office Stationery	0.000002	500000000.00	1000.00	
25	Office Stationery	0.000001	1000000000.00	1000.00	
26	Office Stationery	0.0000005	2000000000.00	1000.00	
27	Office Stationery	0.0000002	5000000000.00	1000.00	
28	Office Stationery	0.0000001	10000000000.00	1000.00	
29	Office Stationery	0.00000005	20000000000.00	1000.00	
30	Office Stationery	0.00000002	50000000000.00	1000.00	
31	Office Stationery	0.00000001	100000000000.00	1000.00	
32	Office Stationery	0.000000005	200000000000.00	1000.00	
33	Office Stationery	0.000000002	500000000000.00	1000.00	
34	Office Stationery	0.000000001	1000000000000.00	1000.00	
35	Office Stationery	0.0000000005	2000000000000.00	1000.00	
36	Office Stationery	0.0000000002	5000000000000.00	1000.00	
37	Office Stationery	0.0000000001	10000000000000.00	1000.00	
38	Office Stationery	0.00000000005	20000000000000.00	1000.00	
39	Office Stationery	0.00000000002	50000000000000.00	1000.00	
40	Office Stationery	0.00000000001	100000000000000.00	1000.00	
41	Office Stationery	0.000000000005	200000000000000.00	1000.00	
42	Office Stationery	0.000000000002	500000000000000.00	1000.00	
43	Office Stationery	0.000000000001	1000000000000000.00	1000.00	
44	Office Stationery	0.0000000000005	2000000000000000.00	1000.00	
45	Office Stationery	0.0000000000002	5000000000000000.00	1000.00	
46	Office Stationery	0.0000000000001	10000000000000000.00	1000.00	
47	Office Stationery	0.00000000000005	20000000000000000.00	1000.00	
48	Office Stationery	0.00000000000002	50000000000000000.00	1000.00	
49	Office Stationery	0.00000000000001	100000000000000000.00	1000.00	
50	Office Stationery	0.000000000000005	200000000000000000.00	1000.00	
51	Office Stationery	0.000000000000002	500000000000000000.00	1000.00	
52	Office Stationery	0.000000000000001	1000000000000000000.00	1000.00	
53	Office Stationery	0.0000000000000005	2000000000000000000.00	1000	

1000

100



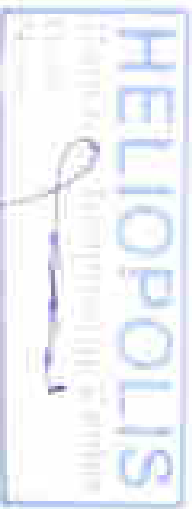
100



2000

100

**Cumulative Incidence**



25

  
 ١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠  
 ١٠/١٠/٢٠٢٠

  
 ١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

<p>(١٠/١٠/٢٠٢٠)</p>	<p>١٠/١٠/٢٠٢٠</p>
---------------------	-------------------

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠

١٠/١٠/٢٠٢٠





مدير عام

  
مدير عام

البيانات (البيانات)				(A)
البيانات	1	2	3	4
البيانات	1	2	3	5
البيانات	1	2	3	6
البيانات	1	2	3	7
ملاحظات: (البيانات)				







كوتيري عز الدين أبو حصين

لطيف إسراوات قصص الحركة الخطيب و منزل الشكرية

عبد الله

*[Signature]*

Handwritten text below signature

*[Signature]*  
Handwritten text below signature

Handwritten header text				
Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
Handwritten		Handwritten	Handwritten	
Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
Handwritten footer text				

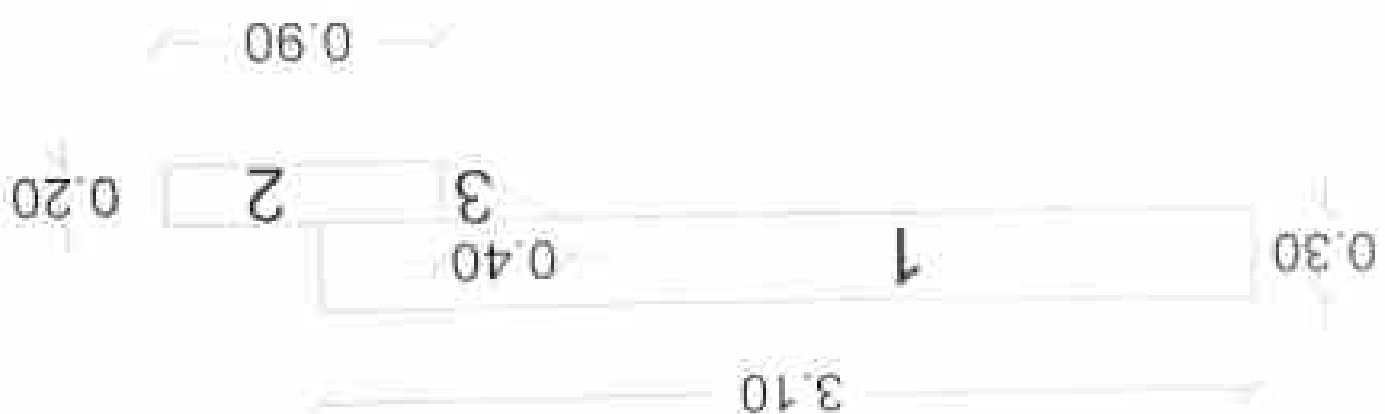
*[Signature]*  
Handwritten text below signature

*[Signature]*

*[Signature]*  
Handwritten text below signature

7

المادة الكيميائية لـ A00 جزيء



جزيء من لسان أبو جزي

7

کوری الیگزینڈر لکھنؤ کے لیے

0.90  
0.45

کوری مرزا آباد

*[Handwritten signature]*

مدير

*[Handwritten signature]*  
مدير

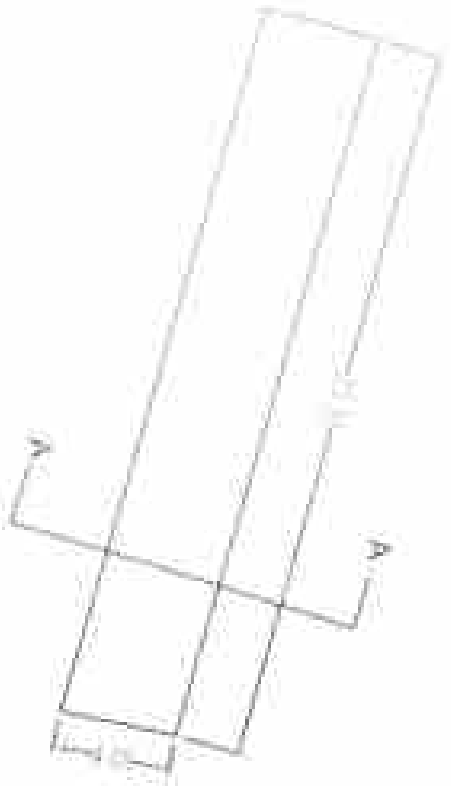
معلومات (معلومات)				رقم
الاسم	الجنس	تاريخ الميلاد	الوظيفة	رقم
الاسم	الجنس	تاريخ الميلاد	الوظيفة	رقم
معلومات إضافية (معلومات إضافية)				

*[Handwritten signature]*  
مدير

*[Handwritten signature]*

*[Handwritten signature]*

كوبورتى مزلقلان ايسو حصص



Section (A - A)

المساحة المخصصة للخرائط المرفوعة الى الجدران المخصصة الخشبية

*[Handwritten signature]*

2023

*[Handwritten signature]*

2023

*[Handwritten signature]*

2023

المجلس الأعلى للتعليم والبحث العلمي

2023

المجلس الأعلى للتعليم والبحث العلمي

2023

المجلس الأعلى للتعليم والبحث العلمي

2023

المجلس الأعلى للتعليم والبحث العلمي

2023

المجلس

2023

2023-02-04

2023-02-04

2023-02-04

2023-02-04

2023-02-04

2023-02-04

2023-02-04

2023-02-04

2023-02-04

2023-02-04

2023-02-04

2023-02-04

2023-02-04

2023-02-04

2023-02-04

2023-02-04

2023-02-04

2023-02-04

المجلس الأعلى للتعليم والبحث العلمي

2023-02-04

2023-02-04

2023-02-04

2023-02-04



تاريخ: / /

الصفحة: ١

المادة: /

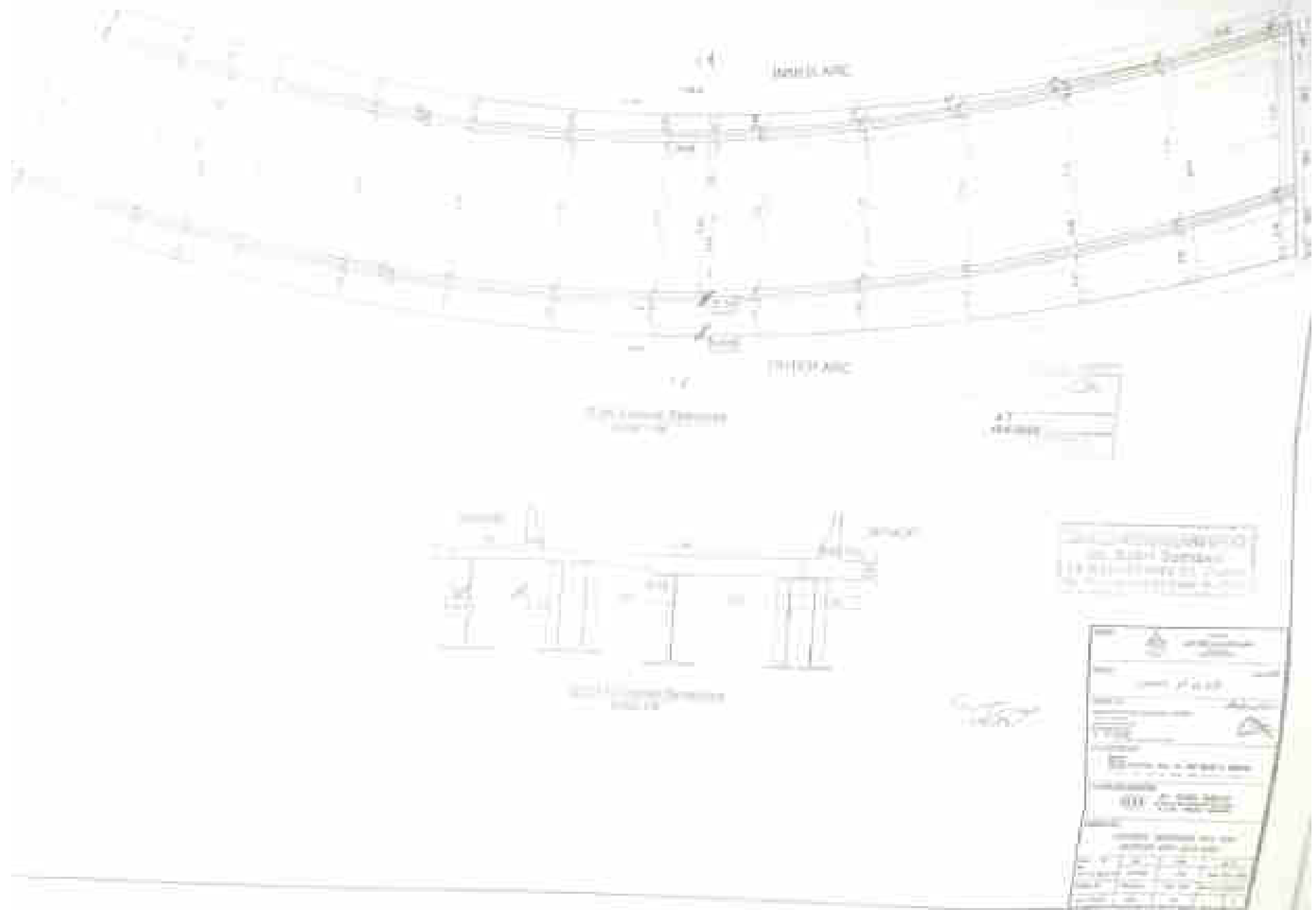
الاسم: /

الاسم		الدرجة			
الاسم	الدرجة	الدرجة	الدرجة	الدرجة	الدرجة
١	١٠٠	١٠٠	١٠٠	١٠٠	١٠٠
٢	٩٥	٩٥	٩٥	٩٥	٩٥
٣	٩٠	٩٠	٩٠	٩٠	٩٠
الاسم	الدرجة	الدرجة	الدرجة	الدرجة	الدرجة

المعلم: /

المعلم: /

المعلم: /



## كوبري مزلقان أبو حمص



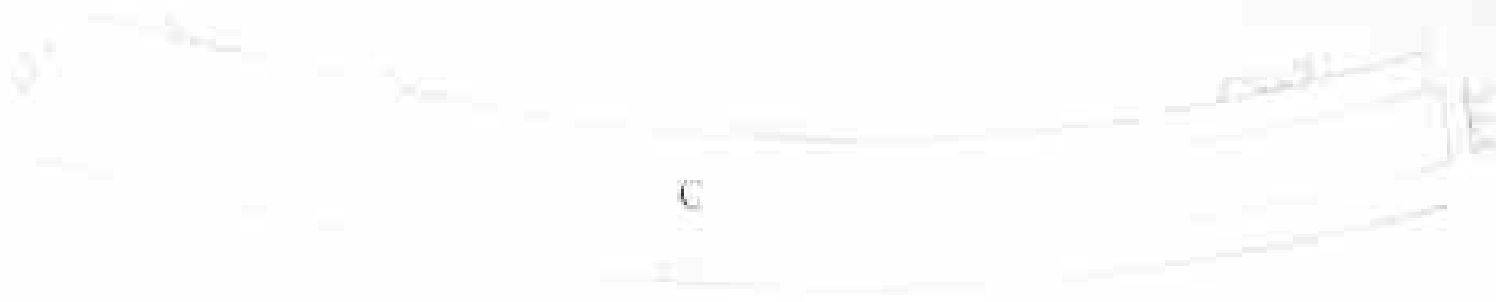
قطاعات للبلاطة الخرسانية أعلى الباكينة المعدنية 9-A20

كوبري مزلقان أبو حمص



قطاعات للبلاطة الخرسانية أعلى الباكينة المعدنية A19-A20

كوبري مزلقان أبو حمص



قطاعات للبلاطة الخرسانية أعلى الباكينة المعدنية 9-A20

حصص العريضة لزوم التوجيه 20-2019

رقم الشك	طول	عرض	مساحة
شك ١	0.2	1.1	0.22
شك ٢	0.25	0.4	0.1
شك ٣	0.03	0.45	0.007
شك ٤	0.14	0.25	0.035
إجمالي المساحة			0.362

الحد	الوحدة	الحد	الحد	الحد	الحد
------	--------	------	------	------	------

إجمالي التوجيه من العريضة 20-2019

من مجموع 20-2019 مجموع 20-2019	٢٠	١	١٤.٠٠	١٤.٠٠	٢٠.٠٠
من مجموع 20-2019 مجموع 20-2019	٢٠	١	١٤.٠٠	١٤.٠٠	٢٠.٠٠

الإجمالي 20-2019

20.00

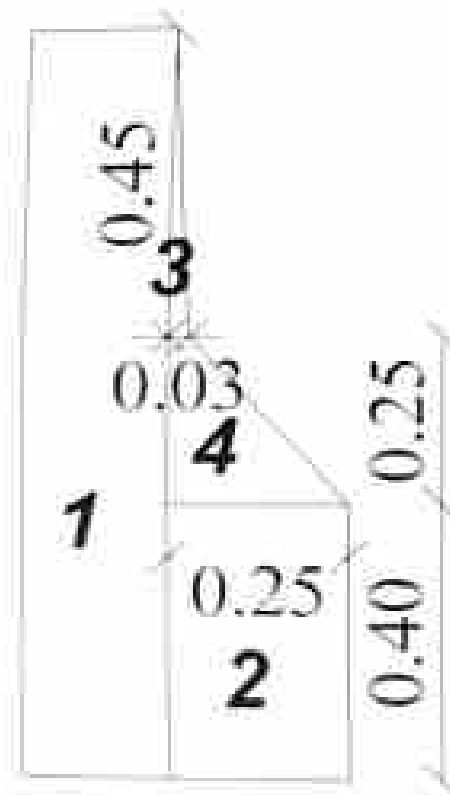
20.00

20.00

20.00

1.10

0.20



بيان الاعمال بالمستخلص رقم: (١٩) جاري  
تمتد: لمدة كبرى مثلك او غير الجود

يذكر انكعب حرملة مبرلة الطوار الصند في الفعالة الصند او كبر الداسي قياسي الدرد: ٤٠ كجم او كجم ٢٠ بعد عطي ٢٥  
يوم من الترخيص مع استخدام اسناد بركاليل حالي المحتوي لا يطر من ٤٠ كجم كم ٢ مع استخدام نوع مناسب من  
الشفاف كذا كعب الحبوب على سطح كاسي املد - واسعد لاسيمل جديد التسلح

رقم البلد وبلدك: (٢٢)

الهيئة العامة للغذاء والدواء

الكمية بالمقاييس المجددة رقم ٤١		١٨٢٠ م ٢	١٨٠١,٤٥٦		
بيان العمل بالمقاييس	الكمية	الكمية	الكمية	الكمية	الكمية
حوالط الترخيص المرحلة الثالثة	١٩,٠٣	١	١٩,٠٣	١٩,٠٣	١٩,٠٣
حوالط الترخيص المرحلة الرابعة	١١٣,٥٤٤	١	١١٣,٥٤٤	١١٣,٥٤٤	١١٣,٥٤٤
الاجمالي				١٨٢,٥٧٦	١٨٢,٥٧٦
اجمال مايم لتقليد حتى لتاريخه		١٩٨٤,٠٢			
اجمال الكمية المدرجة بالمستخلص السابق		١٧٩٩			
الكمية المدرجة بالمستخلص خلال مدة		١٨٤			
اجمال الكمية المدرجة بالمستخلص العتلي		١٩٨٤			

عن الهيئة

١٨٢٠ م ٢

الهيئة العامة للغذاء والدواء

عن الشركة

١٨٢٠ م ٢



المسوحة حولها CamScanner

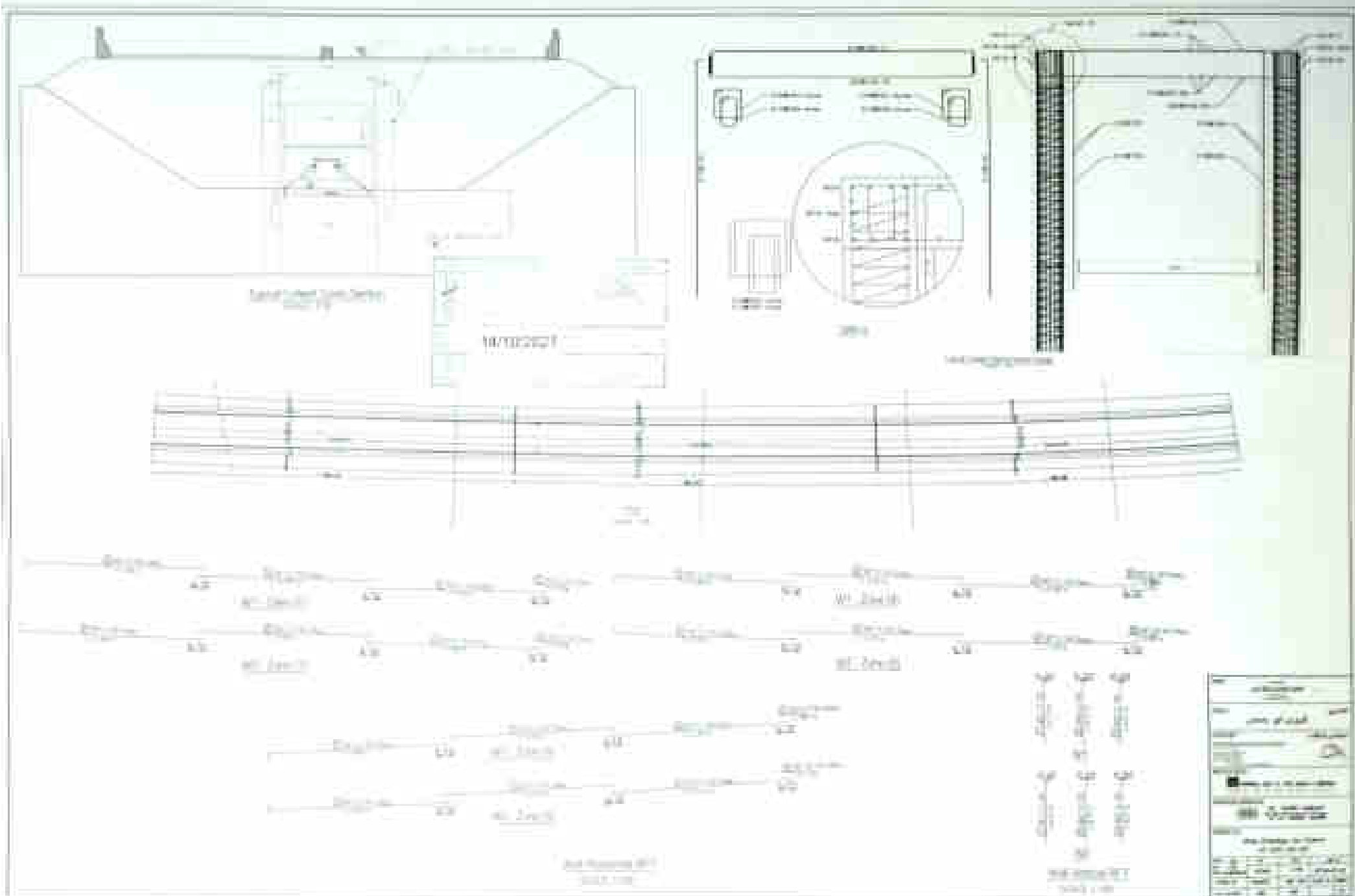
حصر كميات المسحقة لحوائط البربخ المرحلة الرابعة

رقم البند	البند	الطول الاجمالي	الارتفاع الخرسانية المسحقة	عرض الخرسانة المسحقة	كمية الخرسانة (م <sup>3</sup> )
٢٢	بالعشر المكعب خرسانة مسحقة لقطع الخسوف في القطر المصروف بـ ٢٠ قيلبي قياسي قبة ١٥٠ كجم / سم <sup>3</sup> بط مضي ٢٠ يوم من تاريخ التسليم مع استخدام أسمنت بورتلاندي عادي يحتوي لا يقل عن ١٥٠ كجم / م <sup>3</sup> مع استخدام نوع مناسب من الشدات أثناء التسليم لتصلح على سطح أعلى تماماً - والسعر لا يشمل هذه التسليم	108.13	3.5	0.3	113.54
	الاجمالي (م <sup>3</sup> )				113.54

عن الهيئة  
ر. خ. خ.

عن الاستشاري  
ر. خ. خ.

عن الشركة  
ر. خ. خ.



Sl. No.	Name	Roll No.	Grade	Section
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Sl. No.	Name	Roll No.	Grade	Section
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Sl. No.	Name	Roll No.	Grade	Section
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Handwritten text: "Handwritten text: 10/10/2020"

Sl. No.	Name	Roll No.	Grade	Section
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Sl. No.	Name	Roll No.	Grade	Section
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Sl. No.	Name	Roll No.	Grade	Section
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Sl. No.	Name	Roll No.	Grade	Section
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

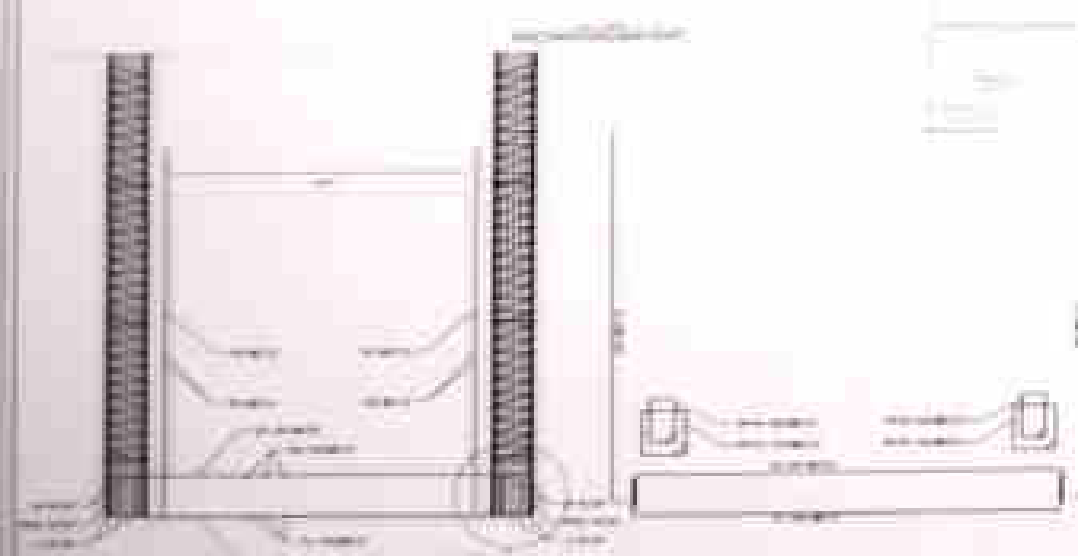
# PROBLEM 11.11



100' x 100'



100' x 100'



1. ☐ 2. ☐ 3. ☐ 4. ☐ 5. ☐ 6. ☐ 7. ☐ 8. ☐ 9. ☐ 10. ☐ 11. ☐ 12. ☐ 13. ☐ 14. ☐ 15. ☐ 16. ☐ 17. ☐ 18. ☐ 19. ☐ 20. ☐ 21. ☐ 22. ☐ 23. ☐ 24. ☐ 25. ☐ 26. ☐ 27. ☐ 28. ☐ 29. ☐ 30. ☐ 31. ☐ 32. ☐ 33. ☐ 34. ☐ 35. ☐ 36. ☐ 37. ☐ 38. ☐ 39. ☐ 40. ☐ 41. ☐ 42. ☐ 43. ☐ 44. ☐ 45. ☐ 46. ☐ 47. ☐ 48. ☐ 49. ☐ 50. ☐ 51. ☐ 52. ☐ 53. ☐ 54. ☐ 55. ☐ 56. ☐ 57. ☐ 58. ☐ 59. ☐ 60. ☐ 61. ☐ 62. ☐ 63. ☐ 64. ☐ 65. ☐ 66. ☐ 67. ☐ 68. ☐ 69. ☐ 70. ☐ 71. ☐ 72. ☐ 73. ☐ 74. ☐ 75. ☐ 76. ☐ 77. ☐ 78. ☐ 79. ☐ 80. ☐ 81. ☐ 82. ☐ 83. ☐ 84. ☐ 85. ☐ 86. ☐ 87. ☐ 88. ☐ 89. ☐ 90. ☐ 91. ☐ 92. ☐ 93. ☐ 94. ☐ 95. ☐ 96. ☐ 97. ☐ 98. ☐ 99. ☐ 100. ☐

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

1. ☐ 2. ☐ 3. ☐ 4. ☐ 5. ☐ 6. ☐ 7. ☐ 8. ☐ 9. ☐ 10. ☐ 11. ☐ 12. ☐ 13. ☐ 14. ☐ 15. ☐ 16. ☐ 17. ☐ 18. ☐ 19. ☐ 20. ☐ 21. ☐ 22. ☐ 23. ☐ 24. ☐ 25. ☐ 26. ☐ 27. ☐ 28. ☐ 29. ☐ 30. ☐ 31. ☐ 32. ☐ 33. ☐ 34. ☐ 35. ☐ 36. ☐ 37. ☐ 38. ☐ 39. ☐ 40. ☐ 41. ☐ 42. ☐ 43. ☐ 44. ☐ 45. ☐ 46. ☐ 47. ☐ 48. ☐ 49. ☐ 50. ☐ 51. ☐ 52. ☐ 53. ☐ 54. ☐ 55. ☐ 56. ☐ 57. ☐ 58. ☐ 59. ☐ 60. ☐ 61. ☐ 62. ☐ 63. ☐ 64. ☐ 65. ☐ 66. ☐ 67. ☐ 68. ☐ 69. ☐ 70. ☐ 71. ☐ 72. ☐ 73. ☐ 74. ☐ 75. ☐ 76. ☐ 77. ☐ 78. ☐ 79. ☐ 80. ☐ 81. ☐ 82. ☐ 83. ☐ 84. ☐ 85. ☐ 86. ☐ 87. ☐ 88. ☐ 89. ☐ 90. ☐ 91. ☐ 92. ☐ 93. ☐ 94. ☐ 95. ☐ 96. ☐ 97. ☐ 98. ☐ 99. ☐ 100. ☐



Page No.

تاريخ: / /  
 اسم الطالب: / /  
 اسم المدرس: / /

المادة: / /  
 الموضوع: / /

الصف: / /

المعلم: / /

الوقت: / /

الدرجة: / /

الوقت: / /

الصف: / /

الوقت: / /

الوقت: / /

الصف: / /

الوقت: / /

الوقت: / /

الصف: / /

الوقت: / /

الوقت: / /

الصف: / /

الوقت: / /

الوقت: / /

الصف: / /

الوقت: / /

الوقت: / /

الصف: / /

الوقت: / /

الوقت: / /

الصف: / /

الوقت: / /

الوقت: / /

الصف: / /

الوقت: / /

الوقت: / /

الصف: / /

الوقت: / /

الوقت: / /

الصف: / /

الوقت: / /

الوقت: / /

الصف: / /

الوقت: / /

الوقت: / /

الصف: / /

الوقت: / /

الوقت: / /

الصف: / /

الوقت: / /

الوقت: / /

الصف: / /

الوقت: / /

الوقت: / /

الصف: / /

الوقت: / /

الوقت: / /

الوقت: / /

© 2004 Blackwell Publishing Ltd *Journal of Internal Medicine* 255: 109–116







وزارة النقل  
الهيئة العامة للطرق والكباري  
الهيئة العامة للطرق والكباري بمنطقة مكة المكرمة

#### استكمال جسر الحديد لعمود A9-2

الترقيم	القطر	وزن المتر الطولي	العدد	الطول	اجمالي الوزن
1	12	6.11	70	0.73	0.372
2	18	2.00	4	0.73	0.006
7	12	0.89	12	3.74	0.040
9	12	0.89	24	2.74	0.058
10	16	1.58	6	4.83	0.040
3*	12	0.89	36	1.2	0.038
3*	10	0.62	36	1.2	0.027
الاجمالي					0.484

#### استكمال جسر حديد عمود A2-1

الترقيم	القطر	وزن المتر الطولي	العدد	الطول	اجمالي الوزن
5	12	0.89	2	2.88	0.005
6	12	0.89	2	2.6	0.005
7	12	0.89	2	3.74	0.007
8	12	0.89	4	1.895	0.007
9	12	0.89	4	2.74	0.010
10	16	1.58	2	4.83	0.015
3*	12	0.89	36	1.2	0.038
3*	10	0.62	36	1.2	0.027
الاجمالي					0.060

عن الشركة



عن الاستشاري



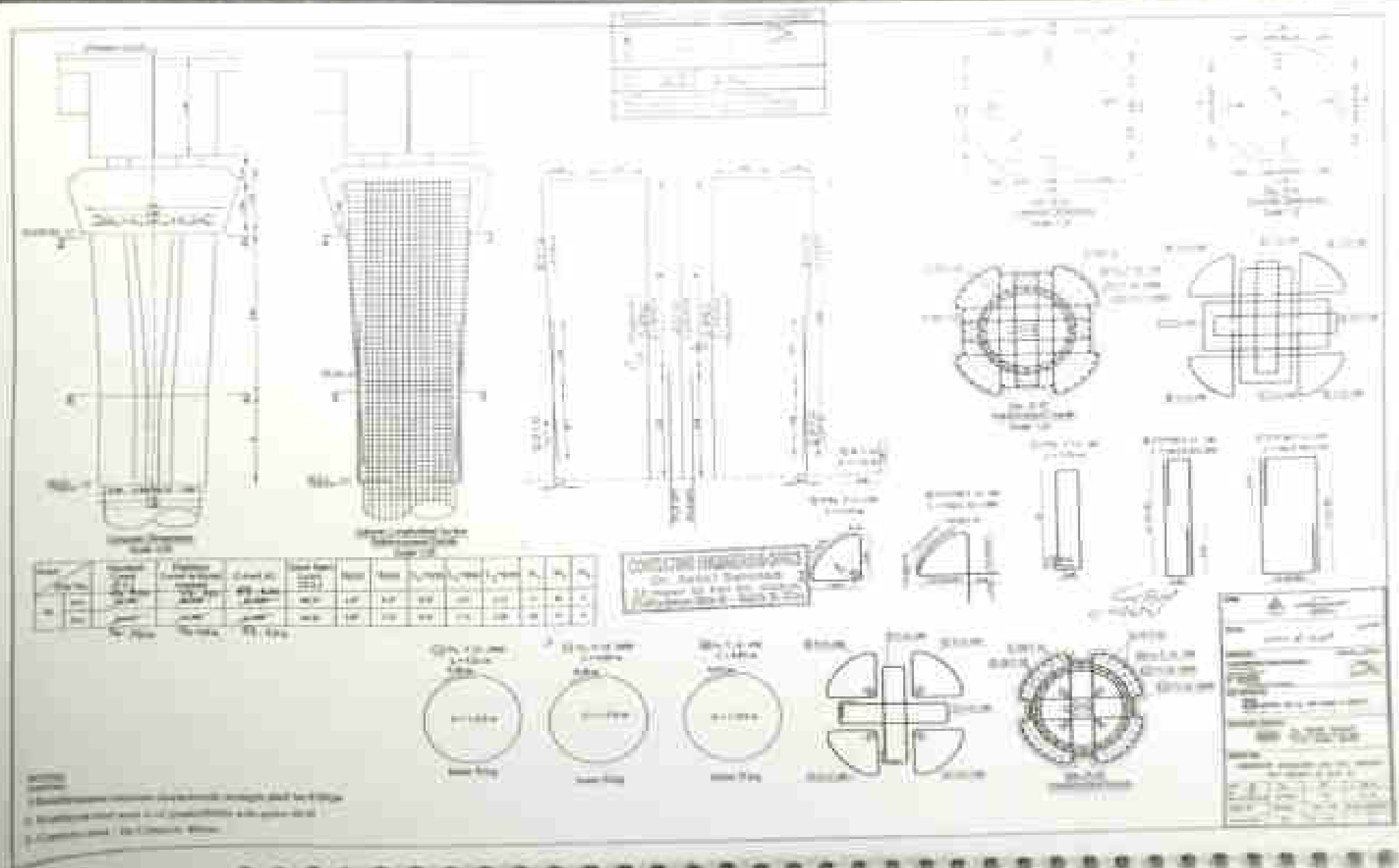
عن الهيئة

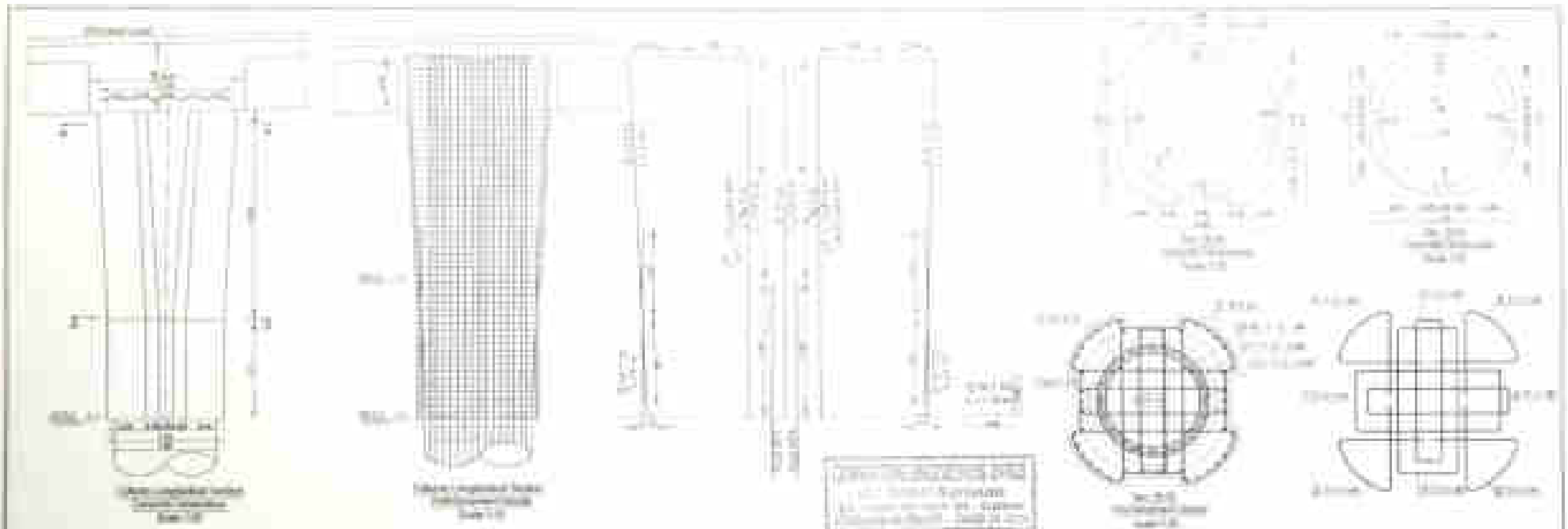


#### استكمال جسر حديد عمود A4-1

الترقيم	القطر	وزن المتر الطولي	العدد	الطول	اجمالي الوزن
1	12	6.11	50	0.2	0.061
2	18	2.00	4	0.2	0.002
7	12	0.89	4	3.74	0.013
9	12	0.89	8	2.74	0.019
10	16	1.58	2	4.83	0.015
3*	12	0.89	36	1.2	0.038
3*	10	0.62	36	1.2	0.027
الاجمالي					0.090
					0.124







DESIGN OF BRIDGE AND  
CABLE SYSTEM  
ALL DIMENSIONS IN METERS  
UNLESS OTHERWISE SPECIFIED

Span	Span No.	Span Length (m)	Span Width (m)	Span Area (m²)	Span Volume (m³)	Span Weight (kN)	Span Stiffness (kN/m)	Span Frequency (Hz)	Span Damping (%)	Span Life (Years)
1	1	100	10	1000	1000	1000	1000	1000	1000	1000
2	2	100	10	1000	1000	1000	1000	1000	1000	1000
3	3	100	10	1000	1000	1000	1000	1000	1000	1000
4	4	100	10	1000	1000	1000	1000	1000	1000	1000

BRIDGE DESIGN SHEET

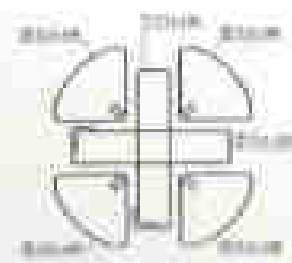
Project No. 12345

Scale: 1:100

Author: [Signature]

Check: [Signature]

Date: 12/12/2023



BRIDGE DESIGN SHEET

Project No. 12345

Scale: 1:100

Author: [Signature]

Check: [Signature]

Date: 12/12/2023

NOTES

1. All dimensions are in meters unless otherwise specified.

2. All dimensions are in meters unless otherwise specified.

3. All dimensions are in meters unless otherwise specified.

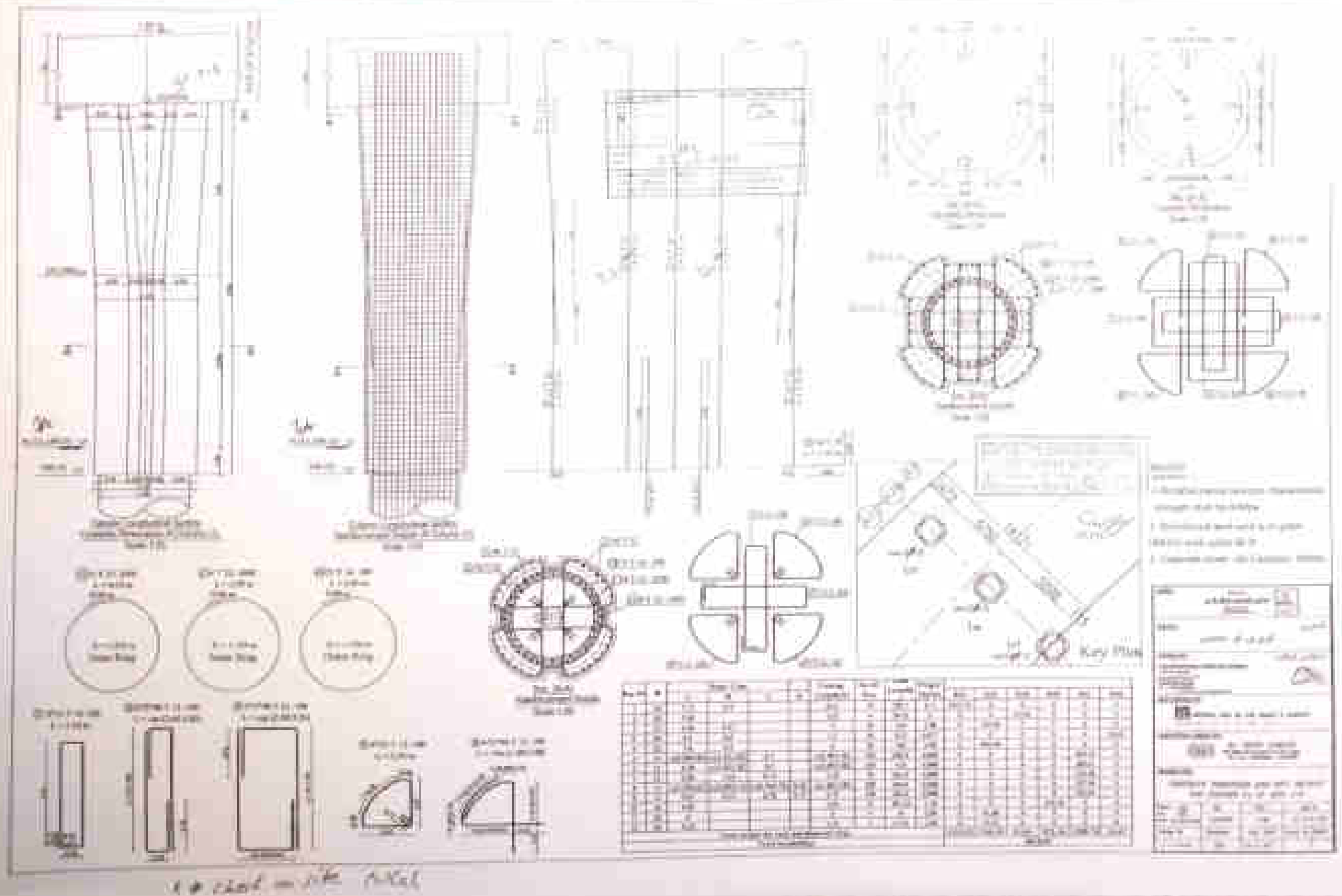
وزارة النقل  
الهيئة العامة للطرق والمواصلات  
الهيئة العامة للغمر والملاحة البحرية

تحت إشراف شركة شيل العامة للغمر والملاحة البحرية

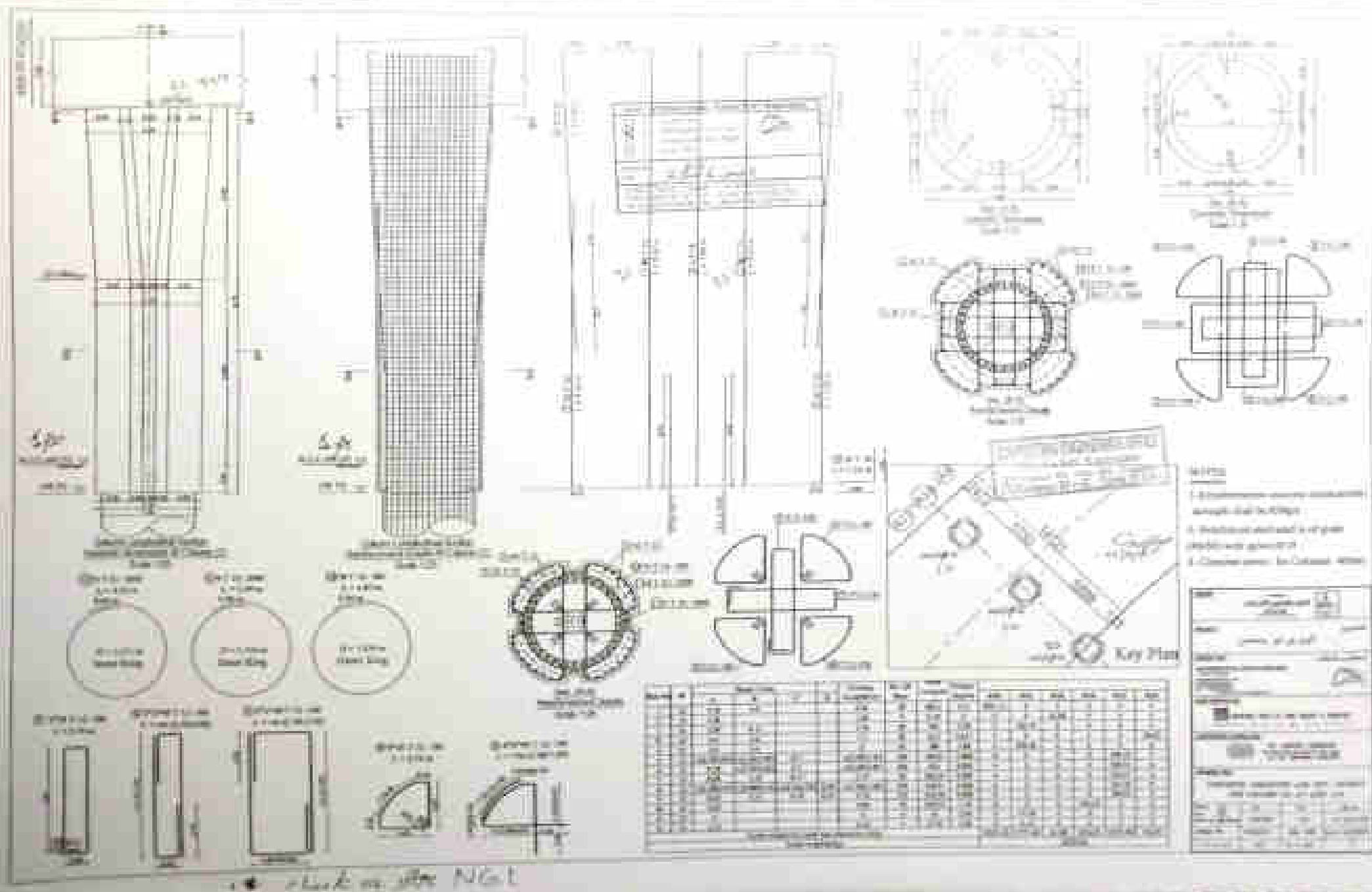
استبيان جسر جيتو (نموذج A10-1)

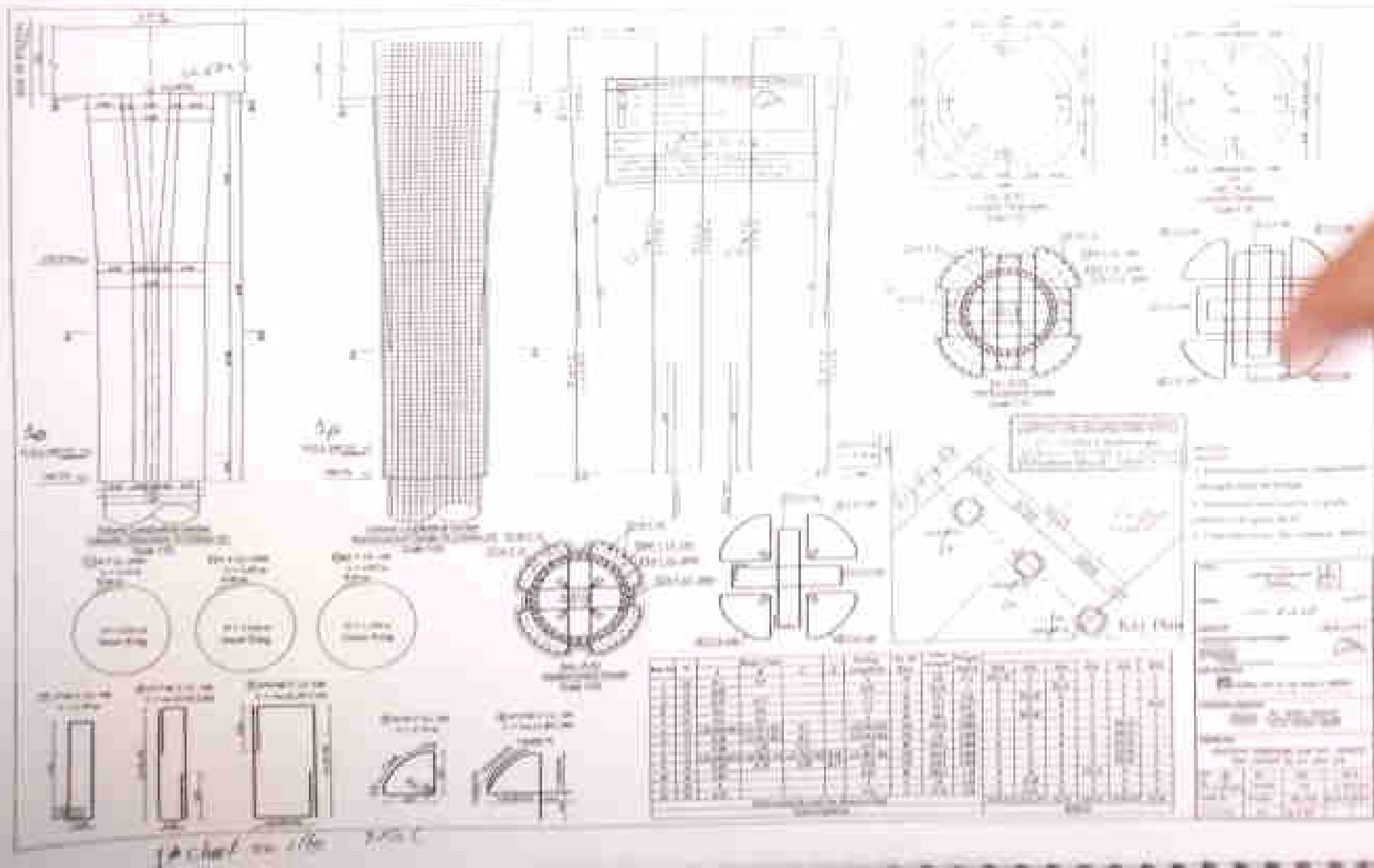
رقم	الاسم	وقت السفر (دقائق)	العدد	المتوسط	ملاحظات
1	1	5:30	70	0.30	
2	2	2:00	4	0.05	
3	3	0:00	12	0.00	
4	4	0:00	34	0.00	
5	5	1:50	4	0.05	
6	6	2:00	36	0.05	
7	7	0:00	36	0.00	
8	8	0:00	36	0.00	
9	9	0:00	36	0.00	
10	10	0:00	36	0.00	
11	11	0:00	36	0.00	
12	12	0:00	36	0.00	
13	13	0:00	36	0.00	
14	14	0:00	36	0.00	
15	15	0:00	36	0.00	
16	16	0:00	36	0.00	
17	17	0:00	36	0.00	
18	18	0:00	36	0.00	
19	19	0:00	36	0.00	
20	20	0:00	36	0.00	
21	21	0:00	36	0.00	
22	22	0:00	36	0.00	
23	23	0:00	36	0.00	
24	24	0:00	36	0.00	
25	25	0:00	36	0.00	
26	26	0:00	36	0.00	
27	27	0:00	36	0.00	
28	28	0:00	36	0.00	
29	29	0:00	36	0.00	
30	30	0:00	36	0.00	
31	31	0:00	36	0.00	
32	32	0:00	36	0.00	
33	33	0:00	36	0.00	
34	34	0:00	36	0.00	
35	35	0:00	36	0.00	
36	36	0:00	36	0.00	
37	37	0:00	36	0.00	
38	38	0:00	36	0.00	
39	39	0:00	36	0.00	
40	40	0:00	36	0.00	
41	41	0:00	36	0.00	
42	42	0:00	36	0.00	
43	43	0:00	36	0.00	
44	44	0:00	36	0.00	
45	45	0:00	36	0.00	
46	46	0:00	36	0.00	
47	47	0:00	36	0.00	
48	48	0:00	36	0.00	
49	49	0:00	36	0.00	
50	50	0:00	36	0.00	
51	51	0:00	36	0.00	
52	52	0:00	36	0.00	
53	53	0:00	36	0.00	
54	54	0:00	36	0.00	
55	55	0:00	36	0.00	
56	56	0:00	36	0.00	
57	57	0:00	36	0.00	
58	58	0:00	36	0.00	
59	59	0:00	36	0.00	
60	60	0:00	36	0.00	
61	61	0:00	36	0.00	
62	62	0:00	36	0.00	
63	63	0:00	36	0.00	
64	64	0:00	36	0.00	
65	65	0:00	36	0.00	
66	66	0:00	36	0.00	
67	67	0:00	36	0.00	
68	68	0:00	36	0.00	
69	69	0:00	36	0.00	
70	70	0:00	36	0.00	
71	71	0:00	36	0.00	
72	72	0:00	36	0.00	
73	73	0:00	36	0.00	
74	74	0:00	36	0.00	
75	75	0:00	36	0.00	
76	76	0:00	36	0.00	
77	77	0:00	36	0.00	
78	78	0:00	36	0.00	
79	79	0:00	36	0.00	
80	80	0:00	36	0.00	
81	81	0:00	36	0.00	
82	82	0:00	36	0.00	
83	83	0:00	36	0.00	
84	84	0:00	36	0.00	
85	85	0:00	36	0.00	
86	86	0:00	36	0.00	
87	87	0:00	36	0.00	
88	88	0:00	36	0.00	
89	89	0:00	36	0.00	
90	90	0:00	36	0.00	
91	91	0:00	36	0.00	
92	92	0:00	36	0.00	
93	93	0:00	36	0.00	
94	94	0:00	36	0.00	
95	95	0:00	36	0.00	
96	96	0:00	36	0.00	
97	97	0:00	36	0.00	
98	98	0:00	36	0.00	
99	99	0:00	36	0.00	
100	100	0:00	36	0.00	
101	101	0:00	36	0.00	
102	102	0:00	36	0.00	
103	103	0:00	36	0.00	
104	104	0:00	36	0.00	
105	105	0:00	36	0.00	
106	106	0:00	36	0.00	
107	107	0:00	36	0.00	
108	108	0:00	36	0.00	
109	109	0:00	36	0.00	
110	110	0:00	36	0.00	
111	111	0:00	36	0.00	
112	112	0:00	36	0.00	
113	113	0:00	36	0.00	
114	114	0:00	36	0.00	
115	115	0:00	36	0.00	
116	116	0:00	36	0.00	
117	117	0:00	36	0.00	
118	118	0:00	36	0.00	
119	119	0:00	36	0.00	
120	120	0:00	36	0.00	
121	121	0:00	36	0.00	
122	122	0:00	36	0.00	
123	123	0:00	36	0.00	
124	124	0:00	36	0.00	
125	125	0:00	36	0.00	
126	126	0:00	36	0.00	
127	127	0:00	36	0.00	
128	128	0:00	36	0.00	
129	129	0:00	36	0.00	
130	130	0:00	36	0.00	
131	131	0:00	36	0.00	
132	132	0:00	36	0.00	
133	133	0:00	36	0.00	
134	134	0:00	36	0.00	
135	135	0:00	36	0.00	
136	136	0:00	36	0.00	
137	137	0:00	36	0.00	
138	138	0:00	36	0.00	
139	139	0:00	36	0.00	
140	140	0:00	36	0.00	
141	141	0:00	36	0.00	
142	142	0:00	36	0.00	
143	143	0:00	36	0.00	
144	144	0:00	36	0.00	
145	145	0:00	36	0.00	
146	146	0:00	36	0.00	
147	147	0:00	36	0.00	
148	148	0:00	36	0.00	
149	149	0:00	36	0.00	
150	150	0:00	36	0.00	
151	151	0:00	36	0.00	
152	152	0:00	36	0.00	
153	153	0:00	36	0.00	
154	154	0:00	36	0.00	
155	155	0:00	36	0.00	
156	156	0:00	36	0.00	
157	157	0:00	36	0.00	
158	158	0:00	36	0.00	
159	159	0:00	36	0.00	
160	160	0:00	36	0.00	
161	161	0:00	36	0.00	
162	162	0:00	36	0.00	
163	163	0:00	36	0.00	
164	164	0:00	36	0.00	
165	165	0:00	36	0.00	
166	166	0:00	36	0.00	
167	167	0:00	36	0.00	
168	168	0:00	36	0.00	
169	169	0:00	36	0.00	
170	170	0:00	36	0.00	
171	171	0:00	36	0.00	
172	172	0:00	36	0.00	
173	173	0:00	36	0.00	
174	174	0:00	36	0.00	
175	175	0:00	36	0.00	
176	176	0:00	36	0.00	
177	177	0:00	36	0.00	
178	178	0:00	36	0.00	
179	179	0:00	36	0.00	
180	180	0:00	36	0.00	
181	181	0:00	36	0.00	
182	182	0:00	36	0.00	
183	183	0:00	36	0.00	
184	184	0:00	36	0.00	
185	185	0:00	36	0.00	
186	186	0:00	36	0.00	
187	187	0:00	36	0.00	
188	188	0:00	36	0.00	
189	189	0:00	36	0.00	
190	190	0:00	36	0.00	
191	191	0:00	36	0.00	
192	192	0:00	36	0.00	
193	193	0:00	36	0.00	
194	194	0:00	36	0.00	
195	195	0:00	36	0.00	
196	196	0:00	36	0.00	
197	197	0:00	36	0.00	
198	198	0:00	36	0.00	
199	199	0:00	36	0.00	
200	200	0:00	36	0.00	
201	201	0:00	36	0.00	
202	202	0:00	36	0.00	
203	203	0:00	36	0.00	
204	204	0:00	36	0.00	
205	205	0:00	36	0.00	
206	206	0:00	36	0.00	
207	207	0:00	36	0.00	
208	208	0:00	36	0.00	
209	209	0:00	36	0.00	
210	210	0:00	36	0.00	
211	211	0:00	36	0.00	
212	212	0:00	36	0.00	
213	213	0:00	36	0.00	
214	214	0:00	36	0.00	
215	215	0:00	36	0.00	
216	216	0:00	36	0.00	
217	217	0:00	36	0.00	
218	218	0:00	36	0.00	
219	219	0:00	36	0.00	
220	220	0:00	36	0.00	
221	221	0:00	36	0.00	
222	222	0:00	36	0.00	
223	223	0:00	36	0.00	
224	224	0:00	36	0.00	
225	225	0:00	36	0.00	
226	226	0:00	36	0.00	
227	227	0:00	36	0.00	
228	228	0:00	36	0.00	
229	229	0:00	36	0.00	
230	230	0:00	36	0.00	
231	231	0:00	36	0.00	
232	232	0:00	36	0.00	
233	233	0:00	36	0.00	
234	234	0:00	36	0.00	
235	235	0:00	36	0.00	
236	236	0:00	36	0.00	
237	237	0:00	36	0.00	
238	238	0:00	36	0.00	
239	239	0:00	36	0.00	
240	240	0:00	36	0.00	
241	241	0:00	36	0.00	
242	242	0:00	36	0.00	
243					











المرحلة 1/4

تجهيز العامة للطريق و الميادين

الوقت العامة للتفريق و الميادين المتعلقة بالمرحلة 1/4

تجهيز الشركة لتجهيز الطريق و الميادين

تجهيز الطريق (المرحلة 1/4)						
الرقم	القطر	وقت التفريق الطولي	العدد	الطول	احتمال الوقت	ملاحظات
3	12	0.89	36	1.2	0.025	
11	12	6.11	50	3	0.046	
الإجمالي						
0.083						

تجهيز الطريق (المرحلة 1/4)						
الرقم	القطر	وقت التفريق الطولي	العدد	الطول	احتمال الوقت	ملاحظات
2	14	1.58	4	2	0.013	العدد 18 متر 17
3	12	0.89	36	1.2	0.025	
4	14	1.78	2	4.81	0.015	العدد 21 متر 19
5	22	2.58	3	4	0.012	العدد 2 متر 1
6	22	1.98	3	4.31	0.013	العدد 2 متر 1
11	32	6.11	50	3	0.046	
الإجمالي						
1.007						

من الشركة

من الاستشاري

من الهيئة

إعداد

مؤيد

مؤيد



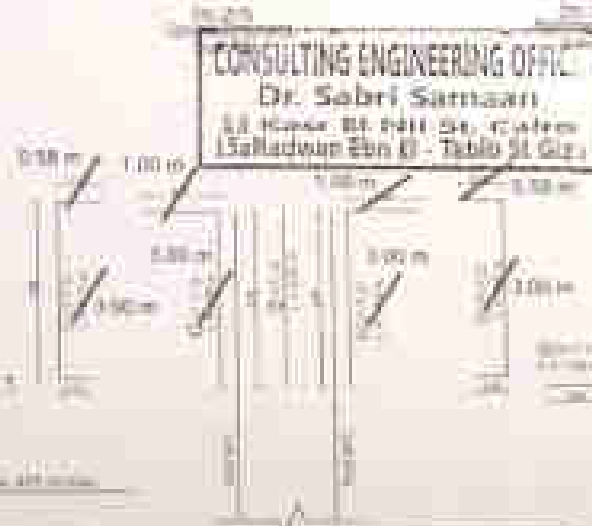
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

No.	d	Step Code				Calcing length(m)	No. of bars	Bar diameter (mm)	Weight (kg/m)	Update table				
		A	B	C	D					Q10	Q11	Q12	Q13	Q14
1	10	1.0	1.0	1.0	1.0	1.0	1	10	1.0	1.0	1.0	1.0	1.0	1.0
2	12	1.2	1.2	1.2	1.2	1.2	2	12	1.2	1.2	1.2	1.2	1.2	1.2
3	14	1.4	1.4	1.4	1.4	1.4	3	14	1.4	1.4	1.4	1.4	1.4	1.4
4	16	1.6	1.6	1.6	1.6	1.6	4	16	1.6	1.6	1.6	1.6	1.6	1.6
5	18	1.8	1.8	1.8	1.8	1.8	5	18	1.8	1.8	1.8	1.8	1.8	1.8
6	20	2.0	2.0	2.0	2.0	2.0	6	20	2.0	2.0	2.0	2.0	2.0	2.0
7	22	2.2	2.2	2.2	2.2	2.2	7	22	2.2	2.2	2.2	2.2	2.2	2.2
8	24	2.4	2.4	2.4	2.4	2.4	8	24	2.4	2.4	2.4	2.4	2.4	2.4
9	26	2.6	2.6	2.6	2.6	2.6	9	26	2.6	2.6	2.6	2.6	2.6	2.6
10	28	2.8	2.8	2.8	2.8	2.8	10	28	2.8	2.8	2.8	2.8	2.8	2.8
11	30	3.0	3.0	3.0	3.0	3.0	11	30	3.0	3.0	3.0	3.0	3.0	3.0
12	32	3.2	3.2	3.2	3.2	3.2	12	32	3.2	3.2	3.2	3.2	3.2	3.2
13	34	3.4	3.4	3.4	3.4	3.4	13	34	3.4	3.4	3.4	3.4	3.4	3.4
14	36	3.6	3.6	3.6	3.6	3.6	14	36	3.6	3.6	3.6	3.6	3.6	3.6
15	38	3.8	3.8	3.8	3.8	3.8	15	38	3.8	3.8	3.8	3.8	3.8	3.8
16	40	4.0	4.0	4.0	4.0	4.0	16	40	4.0	4.0	4.0	4.0	4.0	4.0
17	42	4.2	4.2	4.2	4.2	4.2	17	42	4.2	4.2	4.2	4.2	4.2	4.2
18	44	4.4	4.4	4.4	4.4	4.4	18	44	4.4	4.4	4.4	4.4	4.4	4.4
19	46	4.6	4.6	4.6	4.6	4.6	19	46	4.6	4.6	4.6	4.6	4.6	4.6
20	48	4.8	4.8	4.8	4.8	4.8	20	48	4.8	4.8	4.8	4.8	4.8	4.8
21	50	5.0	5.0	5.0	5.0	5.0	21	50	5.0	5.0	5.0	5.0	5.0	5.0
22	52	5.2	5.2	5.2	5.2	5.2	22	52	5.2	5.2	5.2	5.2	5.2	5.2
23	54	5.4	5.4	5.4	5.4	5.4	23	54	5.4	5.4	5.4	5.4	5.4	5.4
24	56	5.6	5.6	5.6	5.6	5.6	24	56	5.6	5.6	5.6	5.6	5.6	5.6
25	58	5.8	5.8	5.8	5.8	5.8	25	58	5.8	5.8	5.8	5.8	5.8	5.8
26	60	6.0	6.0	6.0	6.0	6.0	26	60	6.0	6.0	6.0	6.0	6.0	6.0
27	62	6.2	6.2	6.2	6.2	6.2	27	62	6.2	6.2	6.2	6.2	6.2	6.2
28	64	6.4	6.4	6.4	6.4	6.4	28	64	6.4	6.4	6.4	6.4	6.4	6.4
29	66	6.6	6.6	6.6	6.6	6.6	29	66	6.6	6.6	6.6	6.6	6.6	6.6
30	68	6.8	6.8	6.8	6.8	6.8	30	68	6.8	6.8	6.8	6.8	6.8	6.8
31	70	7.0	7.0	7.0	7.0	7.0	31	70	7.0	7.0	7.0	7.0	7.0	7.0
32	72	7.2	7.2	7.2	7.2	7.2	32	72	7.2	7.2	7.2	7.2	7.2	7.2
33	74	7.4	7.4	7.4	7.4	7.4	33	74	7.4	7.4	7.4	7.4	7.4	7.4
34	76	7.6	7.6	7.6	7.6	7.6	34	76	7.6	7.6	7.6	7.6	7.6	7.6
35	78	7.8	7.8	7.8	7.8	7.8	35	78	7.8	7.8	7.8	7.8	7.8	7.8
36	80	8.0	8.0	8.0	8.0	8.0	36	80	8.0	8.0	8.0	8.0	8.0	8.0
37	82	8.2	8.2	8.2	8.2	8.2	37	82	8.2	8.2	8.2	8.2	8.2	8.2
38	84	8.4	8.4	8.4	8.4	8.4	38	84	8.4	8.4	8.4	8.4	8.4	8.4
39	86	8.6	8.6	8.6	8.6	8.6	39	86	8.6	8.6	8.6	8.6	8.6	8.6
40	88	8.8	8.8	8.8	8.8	8.8	40	88	8.8	8.8	8.8	8.8	8.8	8.8
41	90	9.0	9.0	9.0	9.0	9.0	41	90	9.0	9.0	9.0	9.0	9.0	9.0
42	92	9.2	9.2	9.2	9.2	9.2	42	92	9.2	9.2	9.2	9.2	9.2	9.2
43	94	9.4	9.4	9.4	9.4	9.4	43	94	9.4	9.4	9.4	9.4	9.4	9.4
44	96	9.6	9.6	9.6	9.6	9.6	44	96	9.6	9.6	9.6	9.6	9.6	9.6
45	98	9.8	9.8	9.8	9.8	9.8	45	98	9.8	9.8	9.8	9.8	9.8	9.8
46	100	10.0	10.0	10.0	10.0	10.0	46	100	10.0	10.0	10.0	10.0	10.0	10.0

Unit weight for each bar (kg/m)

Update table



CONSULTING ENGINEERING OFFICE  
Dr. Sabri Samraani  
1/1 House, 84, Hill St., Culture  
15 Almadinat Ibn B - Tabla St. Giza

Bearing + Sokel = 200mm

DESK EDUCATIONAL PRODUCT

PRODUCED

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

وزارة النقل

الهيئة العامة للطرق والكباري

الهيئة العامة للطرق والكباري المنطقة الثالثة عشر

تطبيق شركة اتيل العامة للطرق والكباري

### استكمال حصر الحديد لعمود A12-1

الرقم	القطر	وزن الحديد الطولي	العدد	الطول	إجمالي الوزن
1	32	6.31	50	0.4	0.126
2	18	2.00	4	0.4	0.003
3	22	2.98	50	0.4	0.050
7	12	0.89	8	1.74	0.027
9	12	0.89	16	2.74	0.039
10	16	1.58	4	4.63	0.030
3*	12	0.89	16	1.2	0.038
3*	10	0.62	36	1.2	0.027
					0.297

الإجمالي

### استكمال حصر حديد عمود A12-3

الرقم	القطر	وزن الحديد الطولي	العدد	الطول	إجمالي الوزن
1	32	6.31	50	1	0.315
2	18	2.00	4	1	0.008
3	22	2.98	50	1	0.149
7	12	0.89	20	3.74	0.064
9	12	0.89	40	2.74	0.097
3*	12	0.89	16	1.2	0.038
3*	10	0.62	16	1.2	0.027
					0.000
					0.648

الإجمالي

عن الشركة

عن المهندس

### استكمال حصر حديد عمود A12-2

الرقم	القطر	وزن الحديد الطولي	العدد	الطول	إجمالي الوزن
1	32	6.31	50	0.18	0.023
2	18	2.00	4	0.18	0.001
3	22	2.98	50	0.18	0.023
7	12	0.89	4	3.74	0.013
9	12	0.89	8	2.74	0.019
10	16	1.58	2	4.63	0.015
3*	12	0.89	16	1.2	0.038
3*	10	0.62	36	1.2	0.027
					0.145

الإجمالي

### استكمال حصر الحديد لعمود A12-4

الرقم	القطر	وزن الحديد الطولي	العدد	الطول	إجمالي الوزن
1	32	6.31	50	0.25	0.079
2	18	2.00	4	0.25	0.002
3	22	2.98	50	0.25	0.037
7	12	0.89	4	3.74	0.013
9	12	0.89	8	2.74	0.019
10	16	1.58	2	4.63	0.015
3*	12	0.89	16	1.2	0.038
3*	10	0.62	36	1.2	0.027
					0.178

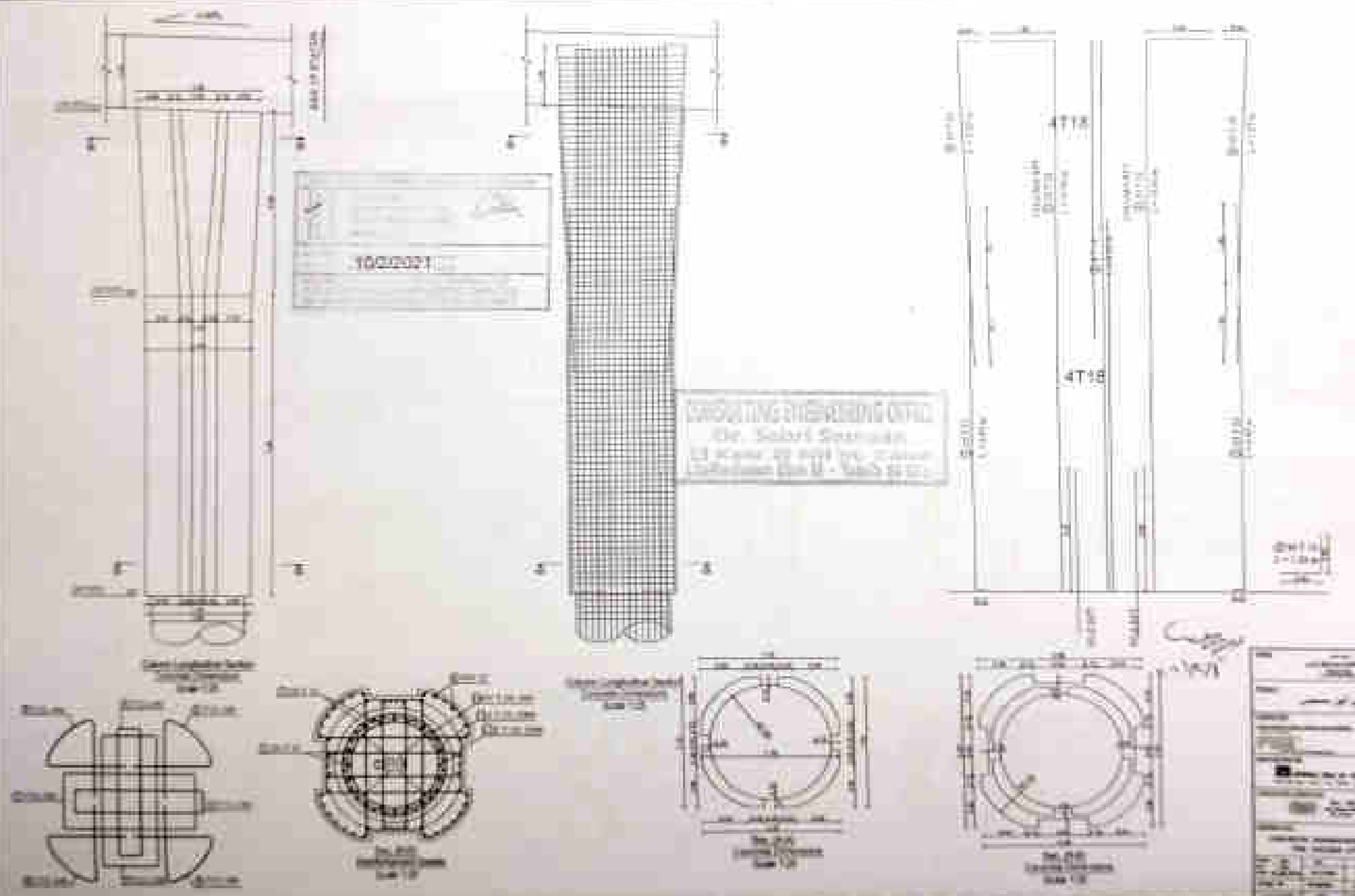
الإجمالي

عن جهة

علاء

مستكمل

شركة



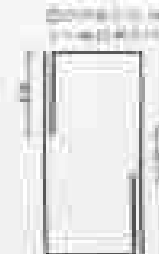
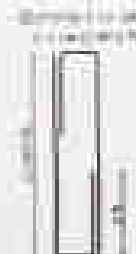
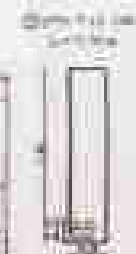
10/10/2021

- 1- Reinforcement concrete characteristic strength shall be 40MPa
- 2- Reinforced steel yield strength shall be 460MPa
- 3- Concrete cover: 40mm

Bar No.	D	Shape Code				Length (m)	No. of bars	Total length (m)	Weight (kg/m)	Q13	Q12	Q14	Q11	Q12	Q13
		A	B	C	D										
1	10	1	1			10	10	100	4.71	113.06	0	0	0	0	0
2	10	1	1			1	8	8	1	1	1	14.36	1	1	1
3	10	1.36	0.37			1.40	10	14.0	1.38	0	14.36	0	0	0	0
4	10	0.5	0.5			1.0	10	10.0	0.507	0	0	0	0	0	20.0
5	10	1.36	0.36			1.67	10	16.7	1.38	0	14.36	0	0	0	0
6	12	+ (1.284, 1.1)	+ (1.403, 1.1)	0.1		1.775	100	177.5	1.888	0	0	0	0	174.27	0
7	12	1.28	+ (1.403, 1.1)	0.1		1.38	100	138	1.406	0	0	0	0	133.97	0
8	12	0.28	1.40	0.17		1.78	100	178	1.888	0	0	0	0	174.27	0
9	12	+ (1.284, 1.1)	+ (1.403, 1.1)	0.1	0.40	1.875	100	187.5	1.888	0	0	0	0	174.27	0
10	12	0.28	0.20	0.16	0.17	1.71	104	178.96	1.888	0	0	0	0	174.27	0
11	16	0.40				1.20	10	12.0	1.38	0	0	0	14.36	0	0
12	16	0.4				0.4	5	2.0	1.38	0	14.36	0	0	0	0
13	16	0.40				0.37	5	1.85	1.38	0	14.36	0	0	0	0
Total weight for each bar diameter (kg)										1120.10	1741.70	144.30	114.40	1130.17	20.00
Total weight (kg)										3130.57					

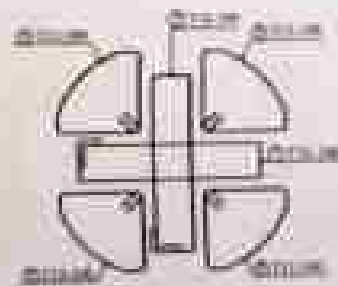


Bar No.	Shape Code
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	

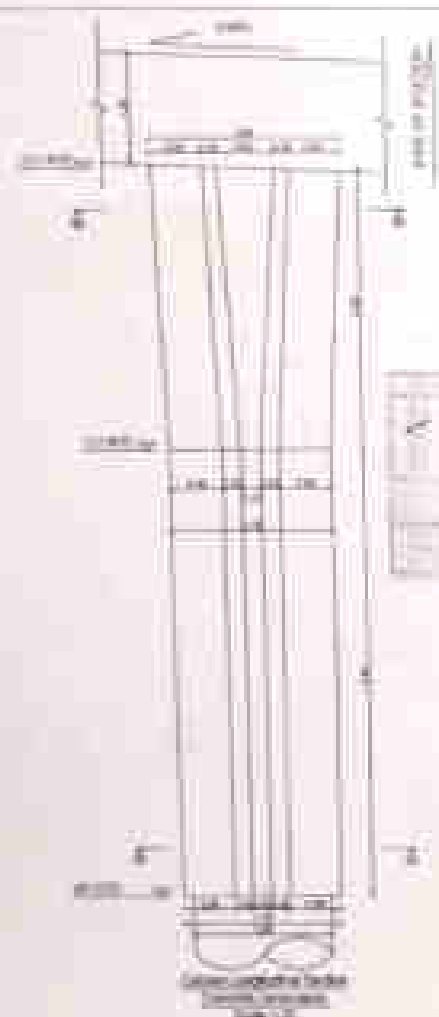


CONSULTING ENGINEERING OFFICE  
Dr. Saeed Samir  
15 Al-Nasr St. Add. Tel. 11111  
Jeddah 21581 - Saudi Arabia

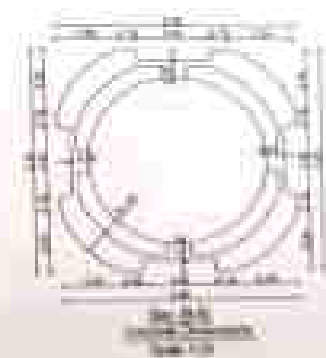
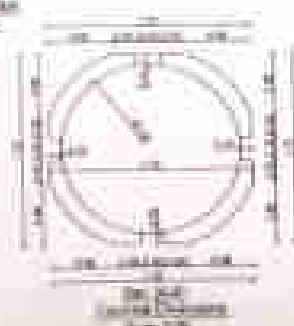
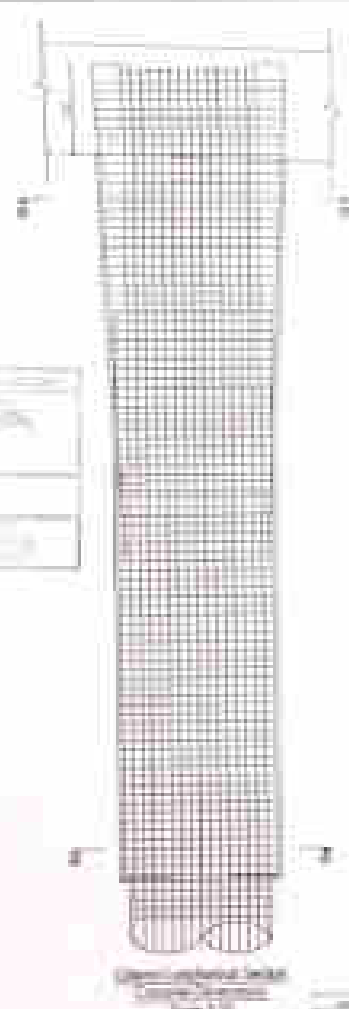
Handwritten signature and date 10/10/2021.



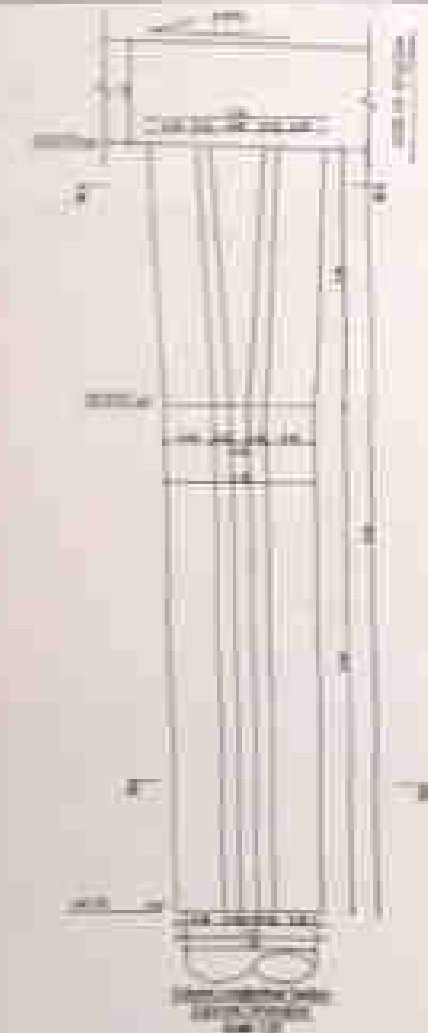




10/02/2021



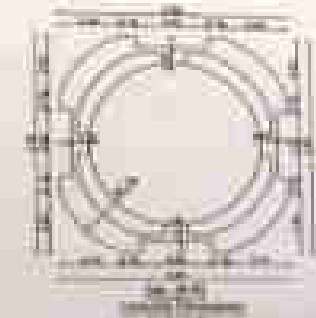
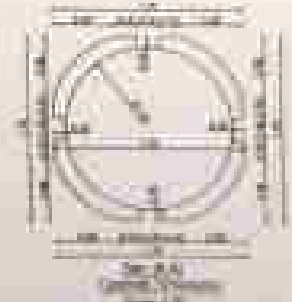
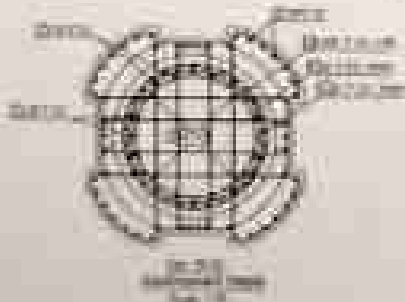
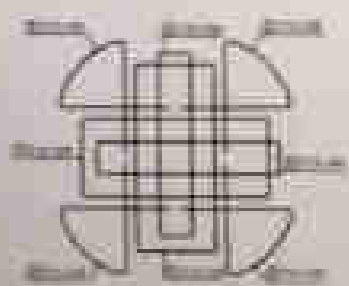
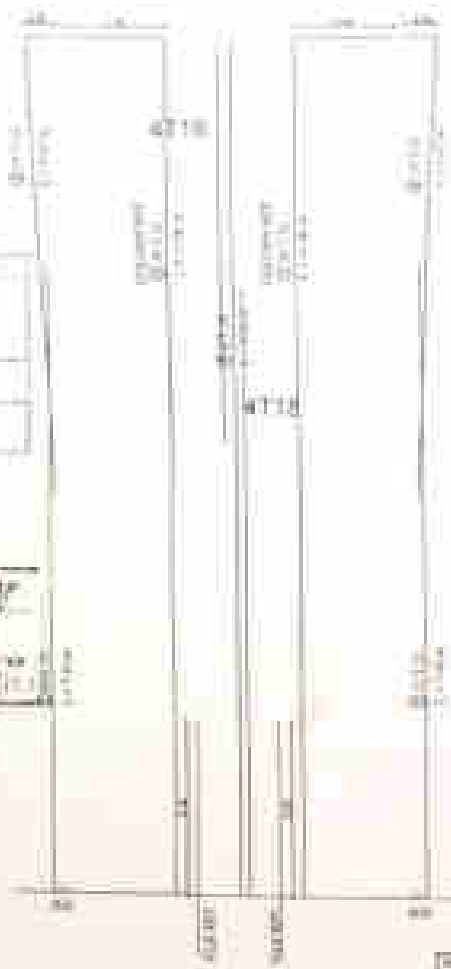
ردیف	توضیحات	تاریخ
1	تجزیه و تحلیل	10/02/2021
2	طراحی	10/02/2021
3	بررسی	10/02/2021
4	تایید	10/02/2021



100-0001

CONSULTING ENGINEERING OFFICE  
Dr. Sabri Samra  
13 Kaser El Nil St. Cairo  
Egypot El Ni - Tash - 117, 118

Handwritten signature and date: 2/1/17

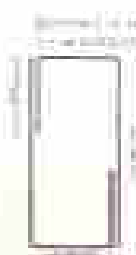
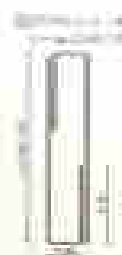
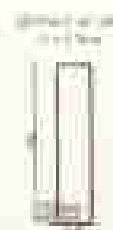


Project Name	
Client Name	
Project Address	
Project Description	
Project Status	
Project Date	
Project Location	
Project Scale	
Project Notes	

© 2000 by John Wiley & Sons, Inc.

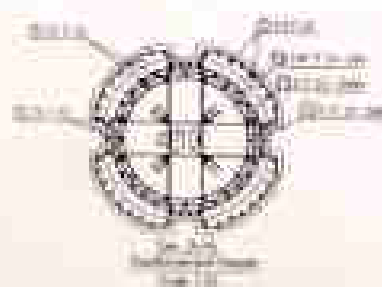
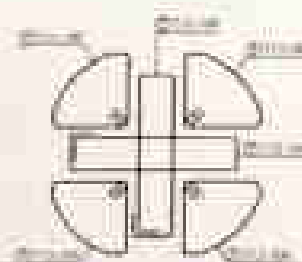
Figure 1.1.1 illustrates three possible relationships between two sets, A and B, using Venn diagrams. Each diagram shows two circles, A and B, within a universal set U.

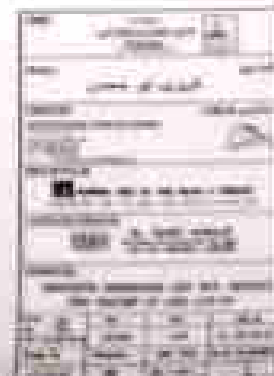
- Diagram 1:** Shows two disjoint sets, A and B. The intersection is empty.
- Diagram 2:** Shows two overlapping sets, A and B. The intersection is non-empty.
- Diagram 3:** Shows set A as a subset of set B. The intersection is equal to set A.



**CONSULTING ENGINEERING OFFICE**  
Dr. Sahri Samian  
12 Maar El-Jad St., Cairo  
15Hedwan Elm St. - Telia St. Giza

09/09

[illegible]

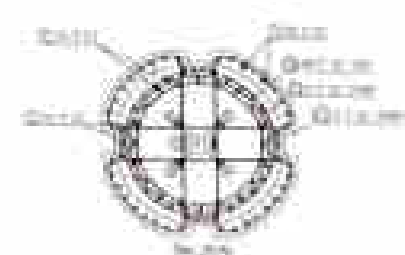
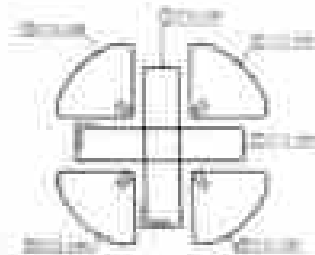
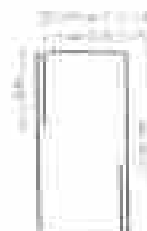


1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

1. *Staphylococcus aureus* (pathogen) – usually dead by 24 hrs.  
2. *Staphylococcus aureus* (and/or gram +ve) with active cell  
3. *Staphylococcus aureus* (Gram +ve) – active

Year	Age	2006-2007				2007-2008				2008-2009					
		Enrollment	Dropouts	Completion	Retention	Enrollment	Dropouts	Completion	Retention	Enrollment	Dropouts	Completion	Retention		
1	15	100	10	90	85	100	10	90	85	100	10	90	85		
2	16	100	10	90	85	100	10	90	85	100	10	90	85		
3	17	100	10	90	85	100	10	90	85	100	10	90	85		
4	18	100	10	90	85	100	10	90	85	100	10	90	85		
5	19	100	10	90	85	100	10	90	85	100	10	90	85		
6	20	100	10	90	85	100	10	90	85	100	10	90	85		
7	21	100	10	90	85	100	10	90	85	100	10	90	85		
8	22	100	10	90	85	100	10	90	85	100	10	90	85		
9	23	100	10	90	85	100	10	90	85	100	10	90	85		
10	24	100	10	90	85	100	10	90	85	100	10	90	85		
11	25	100	10	90	85	100	10	90	85	100	10	90	85		
12	26	100	10	90	85	100	10	90	85	100	10	90	85		
13	27	100	10	90	85	100	10	90	85	100	10	90	85		
14	28	100	10	90	85	100	10	90	85	100	10	90	85		
15	29	100	10	90	85	100	10	90	85	100	10	90	85		
16	30	100	10	90	85	100	10	90	85	100	10	90	85		
17	31	100	10	90	85	100	10	90	85	100	10	90	85		
18	32	100	10	90	85	100	10	90	85	100	10	90	85		
19	33	100	10	90	85	100	10	90	85	100	10	90	85		
20	34	100	10	90	85	100	10	90	85	100	10	90	85		
21	35	100	10	90	85	100	10	90	85	100	10	90	85		
22	36	100	10	90	85	100	10	90	85	100	10	90	85		
23	37	100	10	90	85	100	10	90	85	100	10	90	85		
24	38	100	10	90	85	100	10	90	85	100	10	90	85		
25	39	100	10	90	85	100	10	90	85	100	10	90	85		
26	40	100	10	90	85	100	10	90	85	100	10	90	85		
27	41	100	10	90	85	100	10	90	85	100	10	90	85		
28	42	100	10	90	85	100	10	90	85	100	10	90	85		
29	43	100	10	90	85	100	10	90	85	100	10	90	85		
30	44	100	10	90	85	100	10	90	85	100	10	90	85		
31	45	100	10	90	85	100	10	90	85	100	10	90	85		
32	46	100	10	90	85	100	10	90	85	100	10	90	85		
33	47	100	10	90	85	100	10	90	85	100	10	90	85		
34	48	100	10	90	85	100	10	90	85	100	10	90	85		
35	49	100	10	90	85	100	10	90	85	100	10	90	85		
36	50	100	10	90	85	100	10	90	85	100	10	90	85		
37	51	100	10	90	85	100	10	90	85	100	10	90	85		
38	52	100	10	90	85	100	10	90	85	100	10	90	85		
39	53	100	10	90	85	100	10	90	85	100	10	90	85		
40	54	100	10	90	85	100	10	90	85	100	10	90	85		
41	55	100	10	90	85	100	10	90	85	100	10	90	85		
42	56	100	10	90	85	100	10	90	85	100	10	90	85		
43	57	100	10	90	85	100	10	90	85	100	10	90	85		
44	58	100	10	90	85	100	10	90	85	100	10	90	85		
45	59	100	10	90	85	100	10	90	85	100	10	90	85		
46	60	100	10	90	85	100	10	90	85	100	10	90	85		
47	61	100	10	90	85	100	10	90	85	100	10	90	85		
48	62	100	10	90	85	100	10	90	85	100	10	90	85		
49	63	100	10	90	85	100	10	90	85	100	10	90	85		
50	64	100	10	90	85	100	10	90	85	100	10	90	85		
51	65	100	10	90	85	100	10	90	85	100	10	90	85		
52	66	100	10	90	85	100	10	90	85	100	10	90	85		
53	67	100	10	90	85	100	10	90	85	100	10	90	85		
54	68	100	10	90	85	100	10	90	85	100	10	90	85		
55	69	100	10	90	85	100	10	90	85	100	10	90	85		
56	70	100	10	90	85	100	10	90	85	100	10	90	85		
57	71	100	10	90	85	100	10	90	85	100	10	90	85		
58	72	100	10	90	85	100	10	90	85	100	10	90	85		
59	73	100	10	90	85	100	10	90	85	100	10	90	85		
60	74	100	10	90	85	100	10	90	85	100	10	90	85		
61	75	100	10	90	85	100	10	90	85	100	10	90	85		
62	76	100	10	90	85	100	10	90	85	100	10	90	85		
63	77	100	10	90	85	100	10	90	85	100	10	90	85		
64	78	100	10	90	85	100	10	90	85	100	10	90	85		
65	79	100	10	90	85	100	10	90	85	100	10	90	85		
66	80	100	10	90	85	100	10	90	85	100	10	90	85		
67	81	100	10	90	85	100	10	90	85	100	10	90	85		
68	82	100	10	90	85	100	10	90	85	100	10	90	85		
69	83	100	10	90	85	100	10	90	85	100	10	90	85		
70	84	100	10	90	85	100	10	90	85	100	10	90	85		
71	85	100	10	90	85	100	10	90	85	100	10	90	85		
72	86	100	10	90	85	100	10	90	85	100	10	90	85		
73	87	100	10	90	85	100	10	90	85	100	10	90	85		
74	88	100	10	90	85	100	10	90	85	100	10	90	85		
75	89	100	10	90	85	100	10	90	85	100	10	90	85		
76	90	100	10	90	85	100	10	90	85	100	10	90	85		
77	91	100	10	90	85	100	10	90	85	100	10	90	85		
78	92	100	10	90	85	100	10	90	85	100	10	90	85		
79	93	100	10	90	85	100	10	90	85	100	10	90	85		
80	94	100	10	90	85	100	10	90	85	100	10	90	85		
81	95	100	10	90	85	100	10	90	85	100	10	90	85		
82	96	100	10	90	85	100	10	90	85	100	10	90	85		
83	97	100	10	90	85	100	10	90	85	100	10	90	85		
84	98	100	10	90	85	100	10	90	85	100	10	90	85		
85	99	100	10	90	85	100	10	90	85	100	10	90	85		
86	100	100	10	90	85	100	10	90	85	100	10	90	85		
87	101	100	10	90	85	100	10	90	85	100	10	90	85		
88	102	100	10	90	85	100	10	90	85	100	10	90	85		
89	103	100	10	90	85	100	10	90	85	100	10	90	85		
90	104	100	10	90	85	100	10	90	85	100	10	90	85		
91	105	100	10	90	85	100	10	90	85	100	10	90	85		
92	106	100	10	90	85	100	10	90	85	100	10	90	85		
93	107	100	10	90	85	100	10	90	85	100	10	90	85		
94	108	100	10	90	85	100	10	90	85	100	10	90	85		
95	109	100	10	90	85	100	10	90	85	100	10	90	85		
96	110	100	10	90	85	100	10	90	85	100	10	90	85		
97	111	100	10	90	85	100	10	90	85	100	10	90	85		
98	112	100	10	90	85	100	10	90	85	100	10	90	85		
99	113	100	10	90	85	100	10	90	85	100	10	90	85		
100	114	100	10	90	85	100	10	90	85	100	10	90	85		
101	115	100	10	90	85	100	10	90	85	100	10	90	85		
102	116	100	10	90	85	100	10	90	85	100	10	90	85		
103	117	100	10	90	85	100	10	90	85	100	10	90	85		
104	118	100	10	90	85	100	10	90	85	100	10	90	85		
105	119	100	10	90	85	100	10	90	85	100	10	90	85		
106	120	100	10	90	85	100	10	90	85	100	10	90	85		
107	121	100	10	90	85	100	10	90	85	100	10	90	85		
108	122	100	10	90	85	100	10	90	85	100	10	90	85		
109	123	100	10	90	85	100	10	90	85	100	10	90	85		
110	124	100	10	90	85	100	10	90	85	100	10	90	85		
111	125	100	10	90	85	100	10	90	85	100	10	90	85		
112	126	100	10	90	85	100	10	90	85	100	10	90	85		
113	127	100	10	90	85	100	10	90	85	100	10	90	85		
114	128	100	10	90	85	100	10	90	85	100	10	90	85		
115	129	100	10	90	85	100	10	90	85	100	10	90	85		
116	130	100	10	90	85	100	10	90	85	100	10	90	85		
117</															

Shape Name	Shape Code
Line	
Point	
Ray	
Angle	
Triangle	
Circle	



**CONSULTING ENGINEERING OFFICE**  
Dr. Sabiti Samraan  
11 River Street No. 10, Canton  
Mallayan No. 8 - Taha St G's

وزارة النقل  
الهيئة العامة للطرق والكباري  
الهيئة العامة للطرق والكباري - المنطقة الثالثة - دمشق

تنفيذ شركة النقل العامة للطرق والكباري

استكمال حصر الحديد لعمود A16-3

الرقم	القطر	وزن الحديد الطولي	العدد	الطول	المجملي الوزن
1	32	6.31	50	0.12	0.038
2	18	2.00	4	0.12	0.001
3	22	2.98	50	0.12	0.018
7	12	0.89	2	3.74	0.007
9	12	0.89	4	2.74	0.010
10	16	1.58	1	4.81	0.006
3*	12	0.89	36	1.2	0.038
3*	10	0.62	36	1.2	0.027
					0.092

الاجملي

استكمال حصر الحديد لعمود A16-1

الرقم	القطر	وزن الحديد الطولي	العدد	الطول	المجملي الوزن
1	32	6.31	50	0.12	0.109
2	18	2.00	4	0.12	0.008
3	22	2.98	50	0.12	0.136
7	12	0.89	27	1.14	0.071
9	12	0.89	44	2.74	0.107
10	16	1.58	10	4.81	0.076
3*	12	0.89	36	1.2	0.038
3*	10	0.62	36	1.2	0.027
					0.731

الاجملي

استكمال حصر الحديد لعمود A16-1

الرقم	القطر	وزن الحديد الطولي	العدد	الطول	المجملي الوزن
1	32	6.31	50	0.82	0.132
2	18	2.00	4	0.82	0.003
3	22	2.98	50	0.82	0.063
7	12	0.89	20	3.74	0.066
9	12	0.89	40	2.74	0.097
10	16	1.58	4	4.81	0.030
3*	12	0.89	36	1.2	0.038
3*	10	0.62	36	1.2	0.027
					0.434

الاجملي

استكمال حصر الحديد لعمود A16-4

الرقم	القطر	وزن الحديد الطولي	العدد	الطول	المجملي الوزن
1	32	6.31	50	0.12	0.038
2	18	2.00	4	0.06	0.000
3	22	2.98	50	0.06	0.009
5	12	0.89	4	2.775	0.010
6	12	0.89	4	2.55	0.009
8	12	0.89	8	1.895	0.011
10	16	1.58	1	4.81	0.008
3*	12	0.89	36	1.2	0.038
3*	10	0.62	36	1.2	0.027
					0.099

الاجملي

عن الاستاذ

مستقبل

عن الشركة

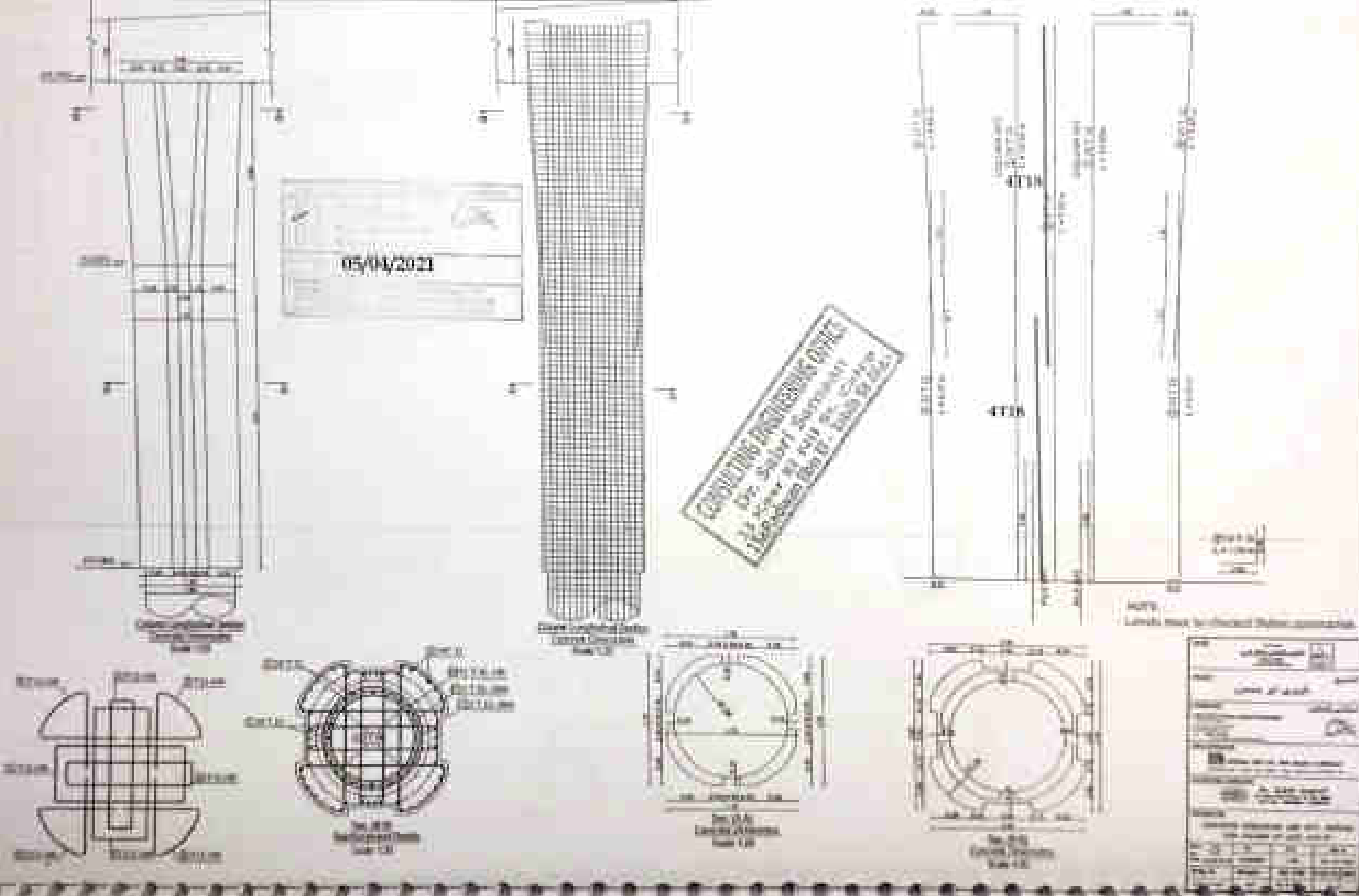
شركة

مراجعة  
رعاة

المركز الوطني للأمن وإدارة الأزمات  
 المركز الوطني للأمن وإدارة الأزمات  
 المركز الوطني للأمن وإدارة الأزمات

05/04/2021

CONDUCTING ENGINEERING OFFICE  
 Dr. Salim Al-Sayid  
 14 Khamis Al-Fayyaz St. - Baghdad  
 Handwritten No. 12 - 123456789











1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

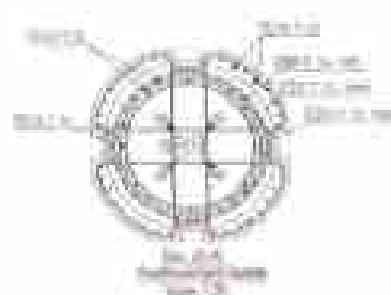
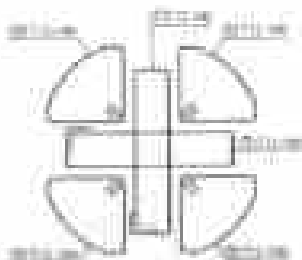
- A.** Likelihood to interact before vaccination

Row No.	ID	Subject Tests				Overall Composite	SAT Math	SAT Verbal	SAT Writing	SAT Subject Tests					
		A	B	C	D					2007	2008	2009	2010	2011	2012
1	10	800	750			1050	50	200	400	1000	500	500	500	500	500
2	11	800	750			1050	50	200	400	1000	500	500	500	500	500
3	12	800	750			1050	50	200	400	1000	500	500	500	500	500
4	13	800	750			1050	50	200	400	1000	500	500	500	500	500
5	14	800	750			1050	50	200	400	1000	500	500	500	500	500
6	15	800	750			1050	50	200	400	1000	500	500	500	500	500
7	16	800	750			1050	50	200	400	1000	500	500	500	500	500
8	17	800	750			1050	50	200	400	1000	500	500	500	500	500
9	18	800	750			1050	50	200	400	1000	500	500	500	500	500
10	19	800	750			1050	50	200	400	1000	500	500	500	500	500
11	20	800	750			1050	50	200	400	1000	500	500	500	500	500
12	21	800	750			1050	50	200	400	1000	500	500	500	500	500
13	22	800	750			1050	50	200	400	1000	500	500	500	500	500
14	23	800	750			1050	50	200	400	1000	500	500	500	500	500
15	24	800	750			1050	50	200	400	1000	500	500	500	500	500
16	25	800	750			1050	50	200	400	1000	500	500	500	500	500
Total average for each test for students (16)										1000.0	500.0	500.0	500.0	500.0	500.0
Total average for										1000.0					

### Online Table

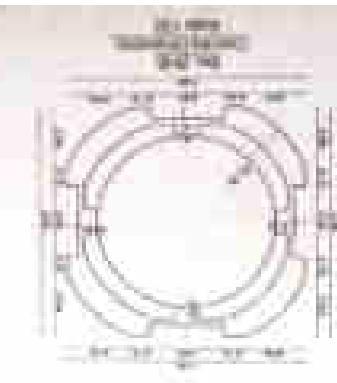
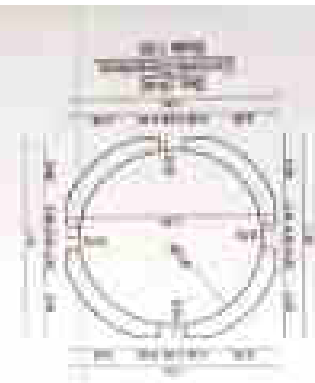
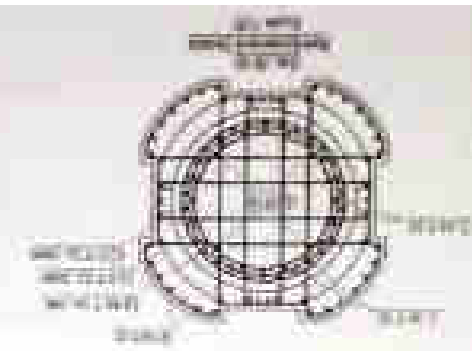
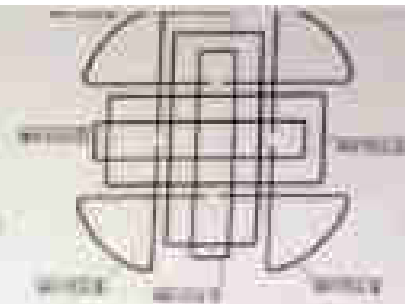
But No.	Stage Code
1000	
1	
10	
100	
1000	
10000	
100000	
1000000	
10000000	
100000000	
1000000000	

**Abstract**

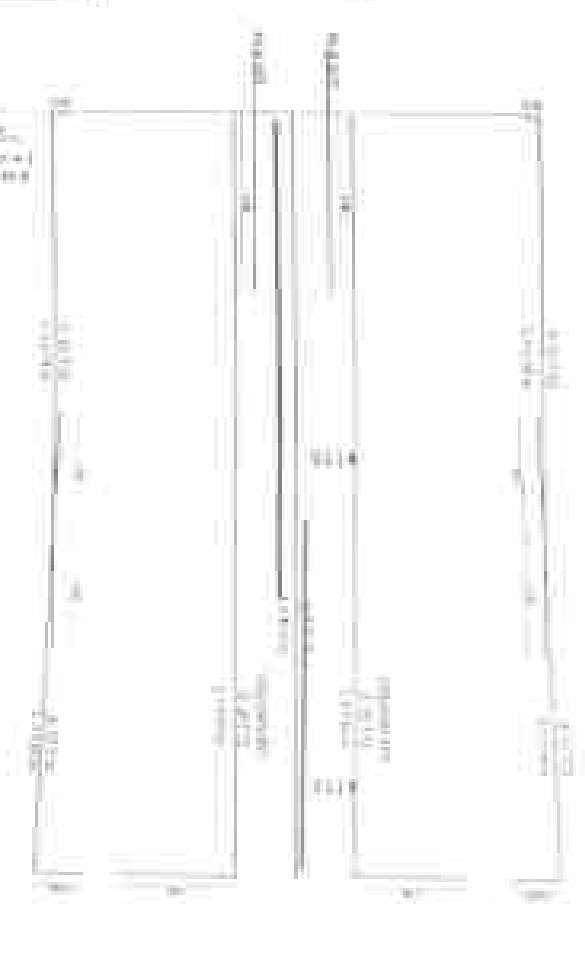
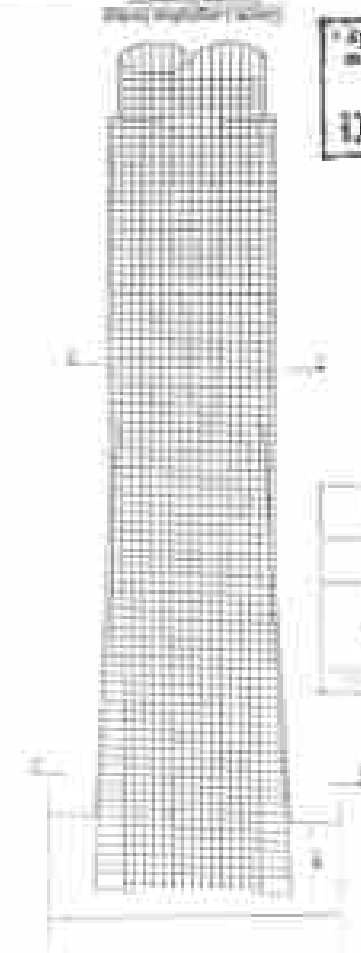
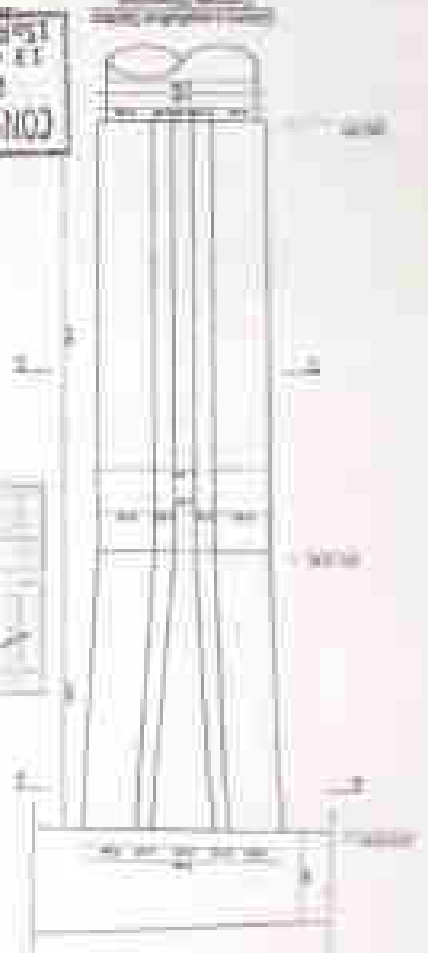


12-11-1964  
 12-11-1964  
 12-11-1964



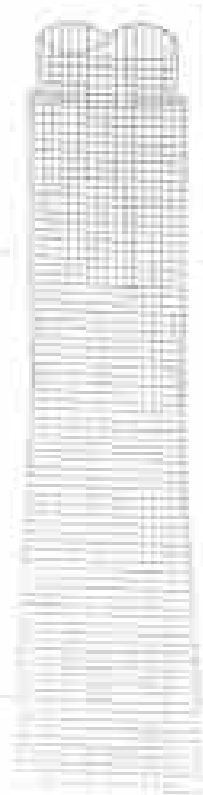
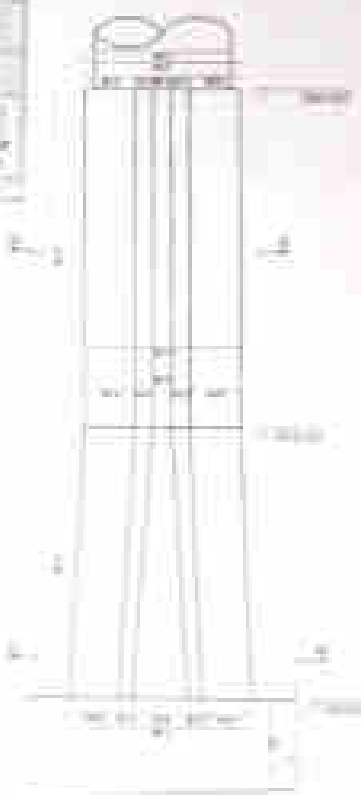
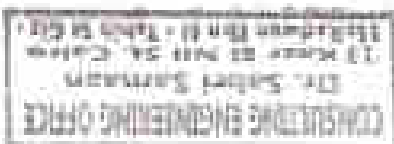


CONSULTING ENGINEERING OFFICE  
 Dr. Sabir Samman  
 13 KANUN ST. NABH SAHAB  
 Islamabad 44000 - PAKISTAN



DESIGNED BY: DR. SABIR SAMMAN  
 CHECKED BY: DR. SABIR SAMMAN  
 DATE: 7/3/2021

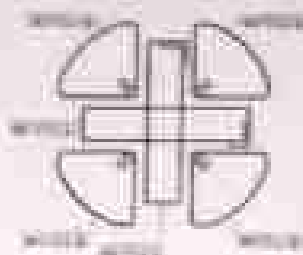




12/2/04

Item No.	Item Code	Item Name
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

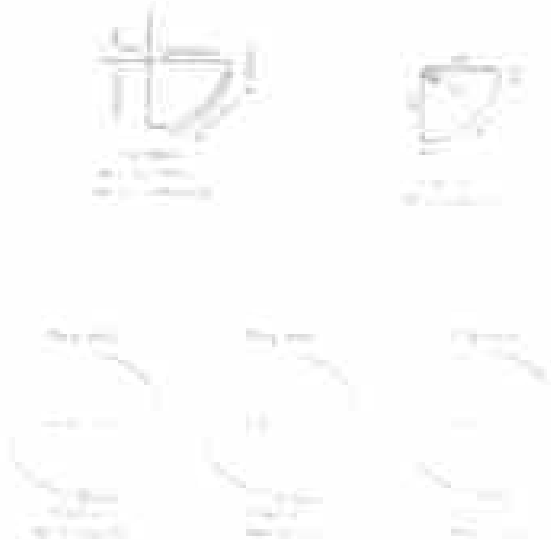
7/3/2021



Item No.	Item Code	Item Name	Quantity	Unit	Remarks
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
24	24	24	24	24	24
25	25	25	25	25	25
26	26	26	26	26	26
27	27	27	27	27	27
28	28	28	28	28	28
29	29	29	29	29	29
30	30	30	30	30	30
31	31	31	31	31	31
32	32	32	32	32	32
33	33	33	33	33	33
34	34	34	34	34	34
35	35	35	35	35	35
36	36	36	36	36	36
37	37	37	37	37	37
38	38	38	38	38	38
39	39	39	39	39	39
40	40	40	40	40	40
41	41	41	41	41	41
42	42	42	42	42	42
43	43	43	43	43	43
44	44	44	44	44	44
45	45	45	45	45	45
46	46	46	46	46	46
47	47	47	47	47	47
48	48	48	48	48	48
49	49	49	49	49	49
50	50	50	50	50	50
51	51	51	51	51	51
52	52	52	52	52	52
53	53	53	53	53	53
54	54	54	54	54	54
55	55	55	55	55	55
56	56	56	56	56	56
57	57	57	57	57	57
58	58	58	58	58	58
59	59	59	59	59	59
60	60	60	60	60	60
61	61	61	61	61	61
62	62	62	62	62	62
63	63	63	63	63	63
64	64	64	64	64	64
65	65	65	65	65	65
66	66	66	66	66	66
67	67	67	67	67	67
68	68	68	68	68	68
69	69	69	69	69	69
70	70	70	70	70	70
71	71	71	71	71	71
72	72	72	72	72	72
73	73	73	73	73	73
74	74	74	74	74	74
75	75	75	75	75	75
76	76	76	76	76	76
77	77	77	77	77	77
78	78	78	78	78	78
79	79	79	79	79	79
80	80	80	80	80	80
81	81	81	81	81	81
82	82	82	82	82	82
83	83	83	83	83	83
84	84	84	84	84	84
85	85	85	85	85	85
86	86	86	86	86	86
87	87	87	87	87	87
88	88	88	88	88	88
89	89	89	89	89	89
90	90	90	90	90	90
91	91	91	91	91	91
92	92	92	92	92	92
93	93	93	93	93	93
94	94	94	94	94	94
95	95	95	95	95	95
96	96	96	96	96	96
97	97	97	97	97	97
98	98	98	98	98	98
99	99	99	99	99	99
100	100	100	100	100	100

CONSULTING ENGINEERING OFFICE  
Dr. Sabir Sarwar  
18 Years of Rich Experience  
Mechanical Engg. & Auto CAD

Project No. \_\_\_\_\_  
Client Name \_\_\_\_\_  
Project Name \_\_\_\_\_  
Project Location \_\_\_\_\_  
Project Start Date \_\_\_\_\_  
Project End Date \_\_\_\_\_  
Project Status \_\_\_\_\_  
Project Manager \_\_\_\_\_  
Project Engineer \_\_\_\_\_  
Project Designer \_\_\_\_\_  
Project Checker \_\_\_\_\_  
Project Approver \_\_\_\_\_  
Project Date \_\_\_\_\_



DATE: 7/3/2021

Prepared by: \_\_\_\_\_  
Checked by: \_\_\_\_\_  
Approved by: \_\_\_\_\_

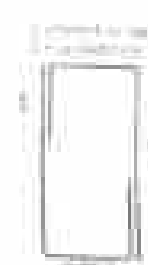
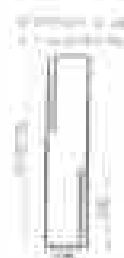


1. Identification of the research problem  
2. Identification of the research objectives  
3. Identification of the research questions  
4. Identification of the research hypotheses

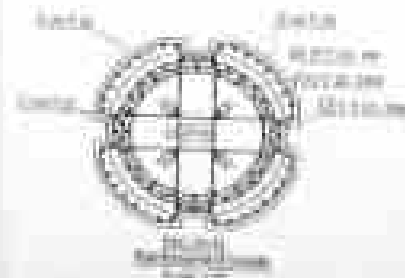
Year	Age	Age group			Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
		1	2	3													
1	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
8	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
9	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
10	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
13	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
15	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
16	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
17	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
18	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	20	100	100	100	100</												



Bar No.	Shape Code
1	
2	
3	
4	
5	
6	
7	
8	



**CONSULTING ENGINEERING OFFICE**  
Dr. Sahri Saman  
13 House El Pail St., Cairo  
167 Adnan Ben El - Taha St. Ger.

[illegible]





11/11/2019

—

$\frac{d}{dt} \left( \frac{1}{\rho} \right) = - \frac{1}{\rho^2} \frac{d\rho}{dt}$

© 2000 Blackwell Science Ltd *Journal of Internal Medicine* 247: 115–121

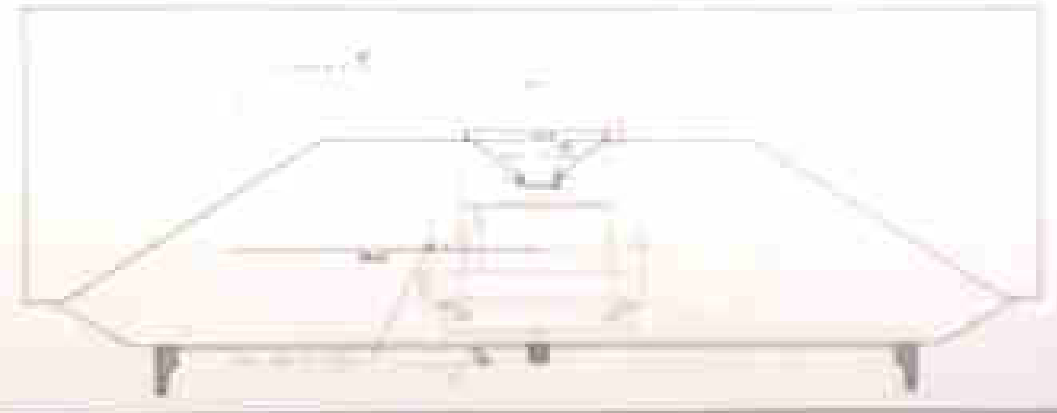
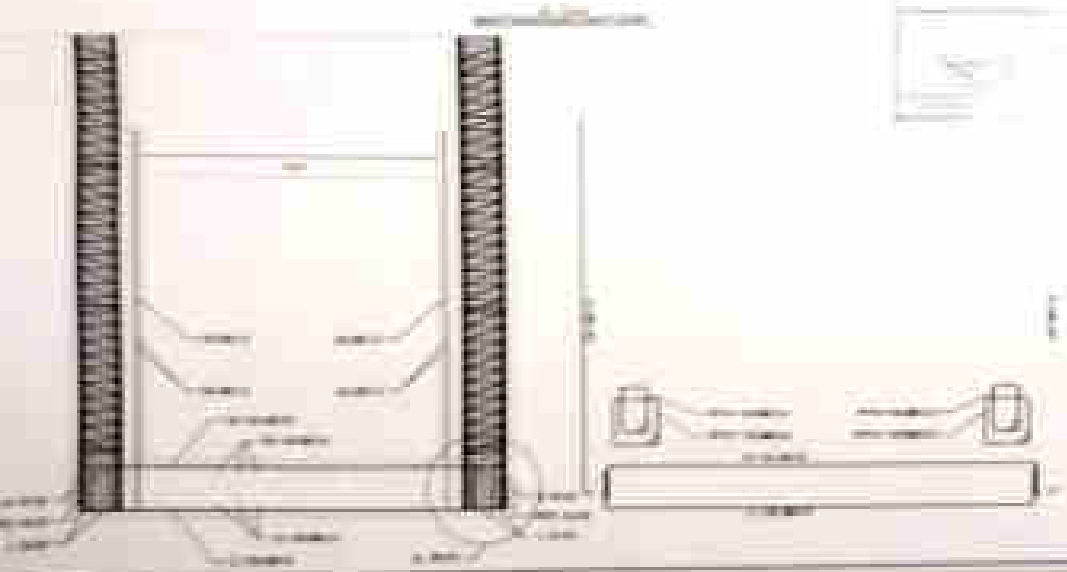


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

# المخطط التوضيحي للمبنى

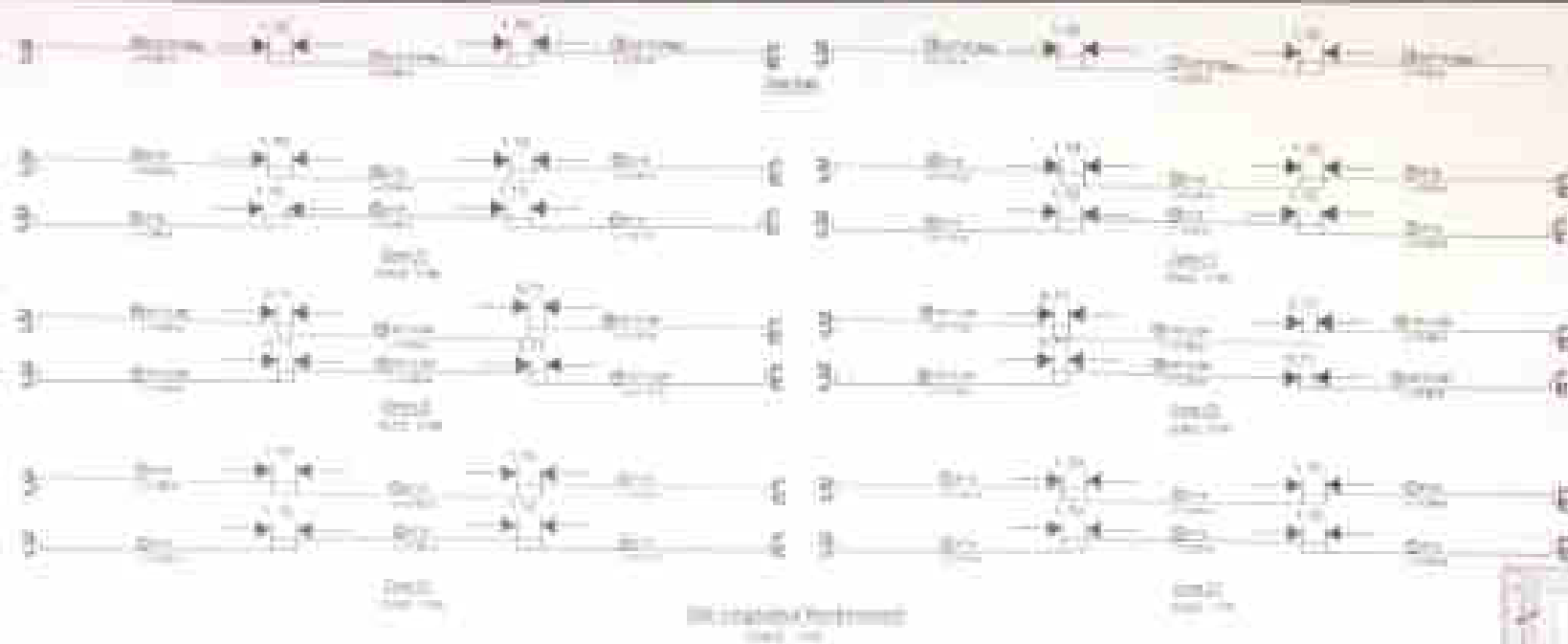


- 1- صالة
- 2- صالة
- 3- صالة
- 4- صالة









NO.	DESCRIPTION	QUANTITY	UNIT	AMOUNT
1	Concrete Deck	100.00	m <sup>3</sup>	100.00
2	Reinforcement Steel	10.00	kg	10.00
3	Formwork	10.00	m <sup>2</sup>	10.00
4	Labour	10.00	man-days	10.00
5	Transportation	10.00	km	10.00
6	Other	10.00	unit	10.00
7	Subtotal			140.00
8	Grand Total			140.00

NO.	DESCRIPTION	QUANTITY	UNIT	AMOUNT
1	Concrete Deck	100.00	m <sup>3</sup>	100.00
2	Reinforcement Steel	10.00	kg	10.00
3	Formwork	10.00	m <sup>2</sup>	10.00
4	Labour	10.00	man-days	10.00
5	Transportation	10.00	km	10.00
6	Other	10.00	unit	10.00
7	Subtotal			140.00
8	Grand Total			140.00

وزارة النقل

الهيئة العامة للطرق والكباري

الهيئة العامة للطرق والكباري المتطلبة الثالثة عشر

تنفيذ: شركة النيل العامة للطرق والكباري

استكمال جسر حديد بلاطة A12-14						
رقم السح	القطر	الطول	العدد	وزن المتر الطولي	الوزن الكلي	الوزن بالطن
3	32	12	28	6.31	2119.78	2.12
68	18	2.4	10	2.00	47.91	0.05
120	18	4.88	10	2.00	97.41	0.10
127	32	11	39	6.31	2706.50	2.71
128	32	6	26	6.31	984.18	0.98
130	22	5.84	26	2.98	452.78	0.45
134	16	3.2	2	1.58	10.09	0.01
141	32	11.2	39	6.31	2755.71	2.76
الإجمالي						9.17

عن الهيئة

عبد

عن الاستشاري

عبد

عن الشركة

عبد

وزارة النقل

الهيئة العامة للطرق والكباري

الهيئة العامة للطرق والكباري المنطقة الثالثة عشر

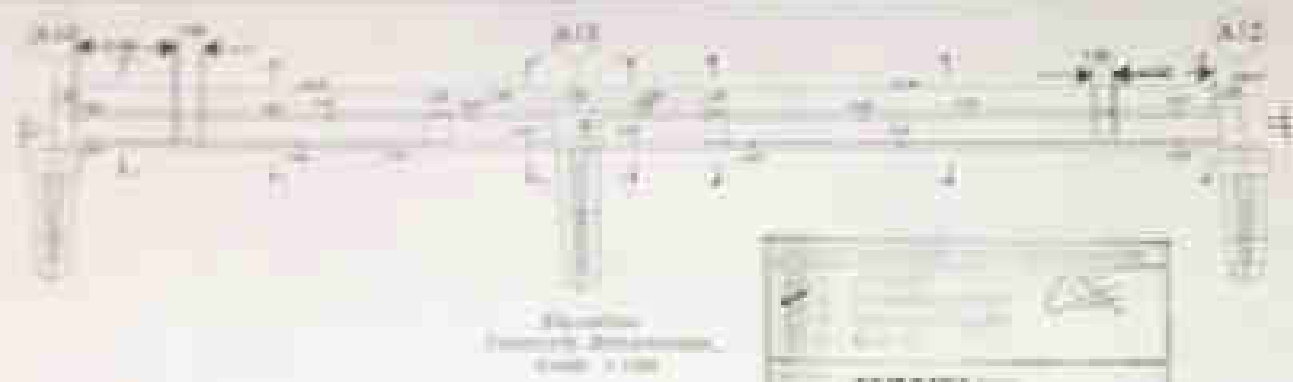
تنفيذ: شركة النيل العامة للطرق والكباري

استكمال حصر جديد بلاطه A14-16						
رقم السج	القطر	الطول	العدد	وزن المتر الطولي	الوزن الكلي	الوزن بالنطن
10	22	12	18	2.98	644.10	0.64
11	22	6	12	2.98	214.70	0.21
13a	22	8.75	6	2.98	156.55	0.16
12	16	12	24	1.58	454.24	0.45
12-	22	12	12	2.98	429.40	0.43
13	16	9	24	1.58	340.68	0.34
30	18	3	40	2.00	359.31	0.36
57	16	2.24	64	1.58	226.11	0.23
58	16	4	64	1.58	403.77	0.40
الإجمالي						3.23

عن الهيئة  
عبد  
المستشار

عن الاستشاري  
محمد  
المستشار

عن الشركة  
محمد  
المستشار

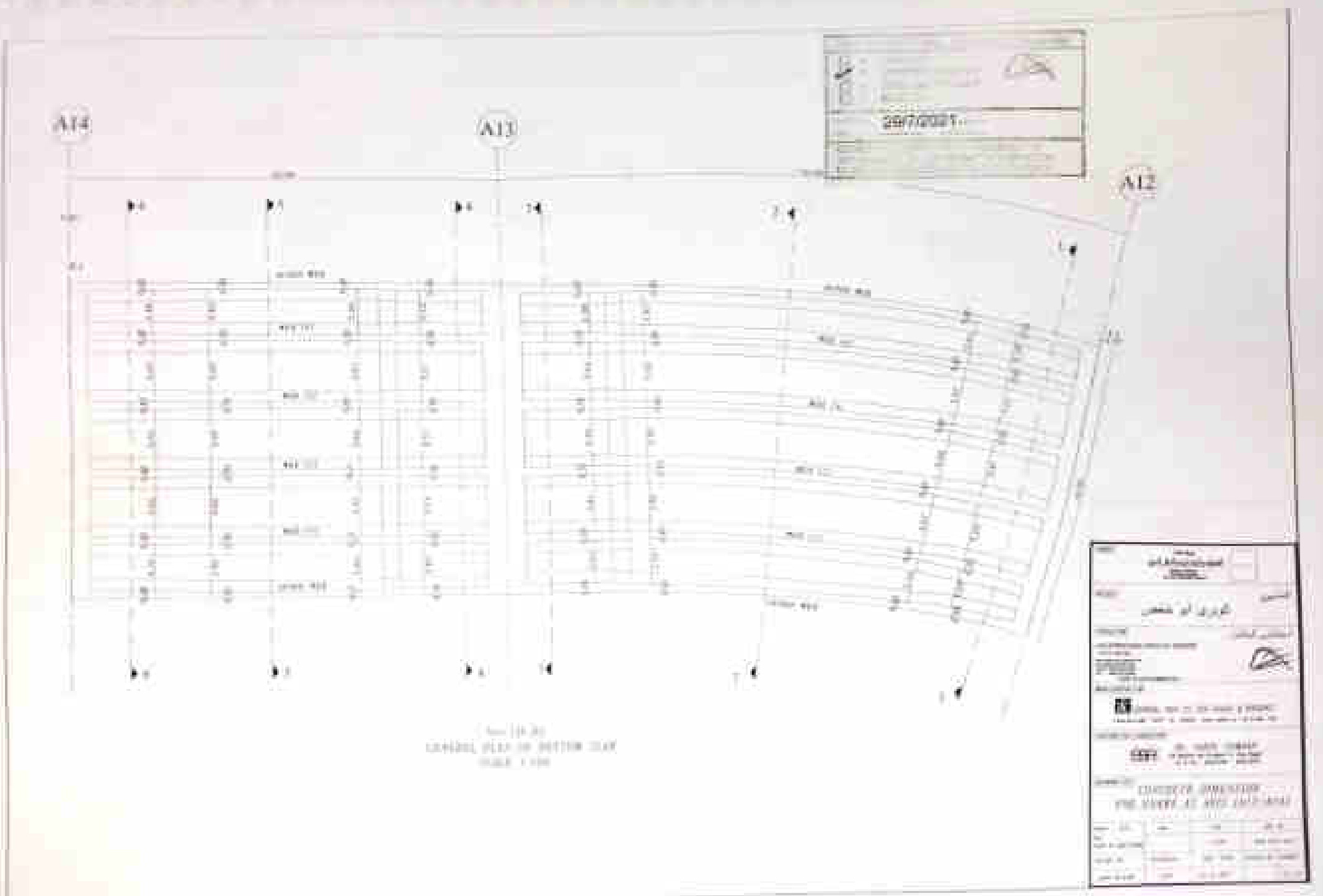


2947/2021	



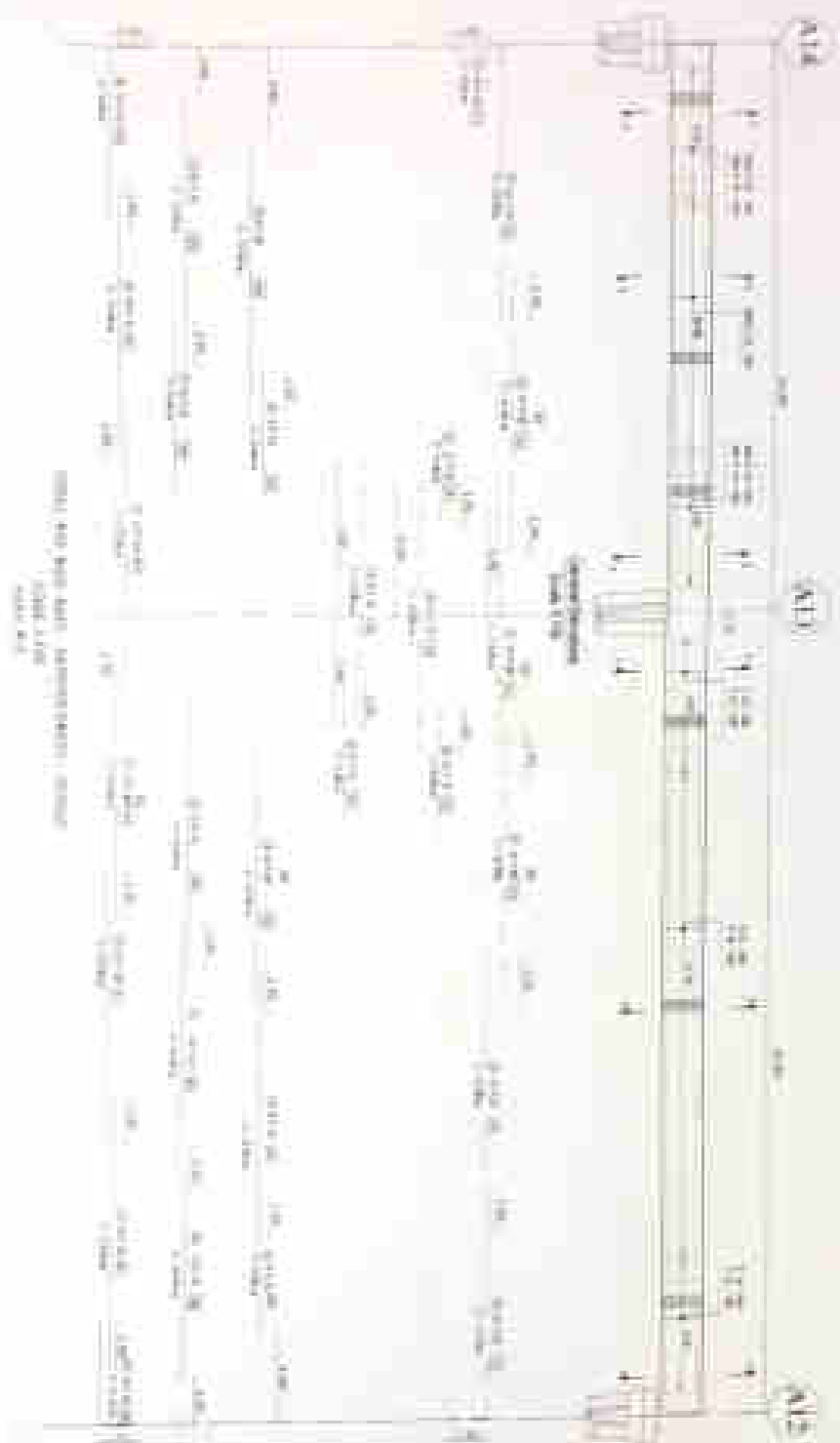
Scale: 1:100

Project Name	
Client Name	
Project Location	
Project Description	
Project Status	
Project Manager	
Project Engineer	
Project Date	
Project Budget	
Project Progress	
Project Notes	









Scale: 1 cm = 10 m  
 North Arrow: (indicated by a line pointing towards the top right)

Project Name: <u>Site Plan of School</u>	
Date: <u>20/07/2023</u>	
Signature: <u>[Signature]</u>	

Area	Length (m)	Breadth (m)	Area (sq. m)
Library	100	50	5000
School	200	100	20000
Sports Ground	150	75	11250
Water Tank	20	10	200
Other Buildings	100	50	5000
<b>Total</b>			<b>41450</b>

Project Name: <u>Site Plan of School</u>	
Date: <u>20/07/2023</u>	
Signature: <u>[Signature]</u>	



1200/1202	



Hand-drawn floor plan of a building.

1200/1202	







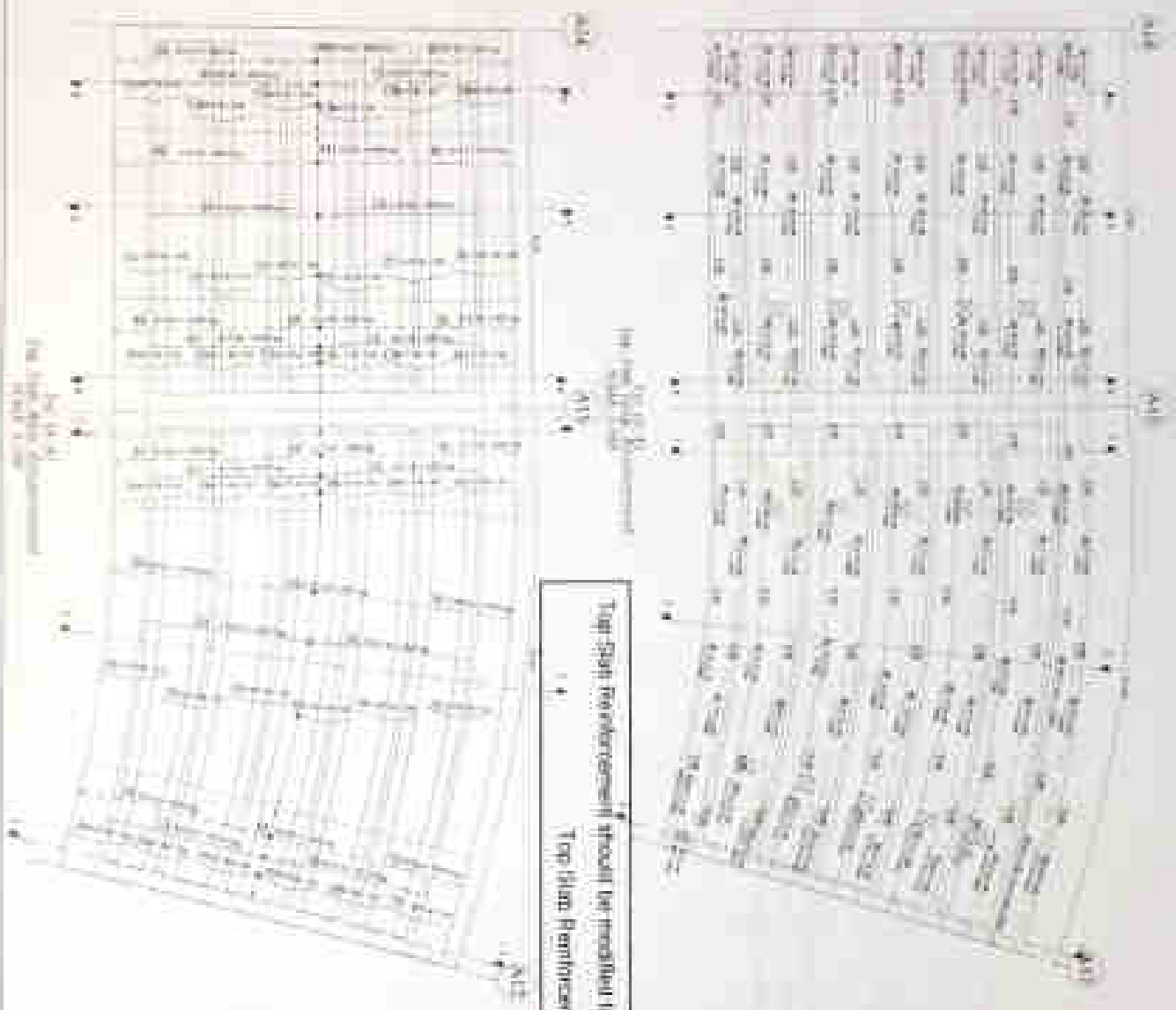




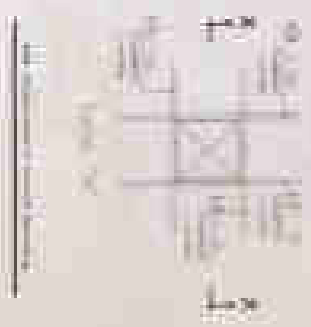
Handwritten ledger page with columns for 'Date', 'Description', and 'Amount'. The page contains several entries, including 'To Cash', 'By Cash', and 'To Cash'. The page is numbered 100 at the bottom right.

**VOLUME**

1. Introduction  
 2. Background  
 3. Methodology  
 4. Results  
 5. Conclusion  
 6. References  
 7. Appendix  
 8. Index  
 9. Table of Contents  
 10. Abstract  
 11. Summary  
 12. Key Words  
 13. Keywords  
 14. Keywords  
 15. Keywords  
 16. Keywords  
 17. Keywords  
 18. Keywords  
 19. Keywords  
 20. Keywords  
 21. Keywords  
 22. Keywords  
 23. Keywords  
 24. Keywords  
 25. Keywords  
 26. Keywords  
 27. Keywords  
 28. Keywords  
 29. Keywords  
 30. Keywords  
 31. Keywords  
 32. Keywords  
 33. Keywords  
 34. Keywords  
 35. Keywords  
 36. Keywords  
 37. Keywords  
 38. Keywords  
 39. Keywords  
 40. Keywords  
 41. Keywords  
 42. Keywords  
 43. Keywords  
 44. Keywords  
 45. Keywords  
 46. Keywords  
 47. Keywords  
 48. Keywords  
 49. Keywords  
 50. Keywords  
 51. Keywords  
 52. Keywords  
 53. Keywords  
 54. Keywords  
 55. Keywords  
 56. Keywords  
 57. Keywords  
 58. Keywords  
 59. Keywords  
 60. Keywords  
 61. Keywords  
 62. Keywords  
 63. Keywords  
 64. Keywords  
 65. Keywords  
 66. Keywords  
 67. Keywords  
 68. Keywords  
 69. Keywords  
 70. Keywords  
 71. Keywords  
 72. Keywords  
 73. Keywords  
 74. Keywords  
 75. Keywords  
 76. Keywords  
 77. Keywords  
 78. Keywords  
 79. Keywords  
 80. Keywords  
 81. Keywords  
 82. Keywords  
 83. Keywords  
 84. Keywords  
 85. Keywords  
 86. Keywords  
 87. Keywords  
 88. Keywords  
 89. Keywords  
 90. Keywords  
 91. Keywords  
 92. Keywords  
 93. Keywords  
 94. Keywords  
 95. Keywords  
 96. Keywords  
 97. Keywords  
 98. Keywords  
 99. Keywords  
 100. Keywords  
 101. Keywords  
 102. Keywords  
 103. Keywords  
 104. Keywords  
 105. Keywords  
 106. Keywords  
 107. Keywords  
 108. Keywords  
 109. Keywords  
 110. Keywords  
 111. Keywords  
 112. Keywords  
 113. Keywords  
 114. Keywords  
 115. Keywords  
 116. Keywords  
 117. Keywords  
 118. Keywords  
 119. Keywords  
 120. Keywords  
 121. Keywords  
 122. Keywords  
 123. Keywords  
 124. Keywords  
 125. Keywords  
 126. Keywords  
 127. Keywords  
 128. Keywords  
 129. Keywords  
 130. Keywords  
 131. Keywords  
 132. Keywords  
 133. Keywords  
 134. Keywords  
 135. Keywords  
 136. Keywords  
 137. Keywords  
 138. Keywords  
 139. Keywords  
 140. Keywords  
 141. Keywords  
 142. Keywords  
 143. Keywords  
 144. Keywords  
 145. Keywords  
 146. Keywords  
 147. Keywords  
 148. Keywords  
 149. Keywords  
 150. Keywords  
 151. Keywords  
 152. Keywords  
 153. Keywords  
 154. Keywords  
 155. Keywords  
 156. Keywords  
 157. Keywords  
 158. Keywords  
 159. Keywords  
 160. Keywords  
 161. Keywords  
 162. Keywords  
 163. Keywords  
 164. Keywords  
 165. Keywords  
 166. Keywords  
 167. Keywords  
 168. Keywords  
 169. Keywords  
 170. Keywords  
 171. Keywords  
 172. Keywords  
 173. Keywords  
 174. Keywords  
 175. Keywords  
 176. Keywords  
 177. Keywords  
 178. Keywords  
 179. Keywords  
 180. Keywords  
 181. Keywords  
 182. Keywords  
 183. Keywords  
 184. Keywords  
 185. Keywords  
 186. Keywords  
 187. Keywords  
 188. Keywords  
 189. Keywords  
 190. Keywords  
 191. Keywords  
 192. Keywords  
 193. Keywords  
 194. Keywords  
 195. Keywords  
 196. Keywords  
 197. Keywords  
 198. Keywords  
 199. Keywords  
 200. Keywords  
 201. Keywords  
 202. Keywords  
 203. Keywords  
 204. Keywords  
 205. Keywords  
 206. Keywords  
 207. Keywords  
 208. Keywords  
 209. Keywords  
 210. Keywords  
 211. Keywords  
 212. Keywords  
 213. Keywords  
 214. Keywords  
 215. Keywords  
 216. Keywords  
 217. Keywords  
 218. Keywords  
 219. Keywords  
 220. Keywords  
 221. Keywords  
 222. Keywords  
 223. Keywords  
 224. Keywords  
 225. Keywords  
 226. Keywords  
 227. Keywords  
 228. Keywords  
 229. Keywords  
 230. Keywords  
 231. Keywords  
 232. Keywords  
 233. Keywords  
 234. Keywords  
 235. Keywords  
 236. Keywords  
 237. Keywords  
 238. Keywords  
 239. Keywords  
 240. Keywords  
 241. Keywords  
 242. Keywords  
 243. Keywords  
 244. Keywords  
 245. Keywords  
 246. Keywords  
 247. Keywords  
 248. Keywords  
 249. Keywords  
 250. Keywords  
 251. Keywords  
 252. Keywords  
 253. Keywords  
 254. Keywords  
 255. Keywords  
 256. Keywords  
 257. Keywords  
 258. Keywords  
 259. Keywords  
 260. Keywords  
 261. Keywords  
 262. Keywords  
 26



Top Bar Reinforcement should be provided taking into consideration the openings in the slab  
 Top Bar Reinforcement should be as per design



Project Name	Structural Design
Client Name	ABC Company
Design Date	10/10/2023
Design By	Engineer ABC
Check By	Engineer DEF
Scale	1:100
Notes	1. All dimensions in mm unless specified.
	2. Reinforcement bars are to be provided as per design.
	3. All bars are to be lap welded.
	4. All bars are to be bent as per design.
	5. All bars are to be bent as per design.



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

1202-6032

1000

1

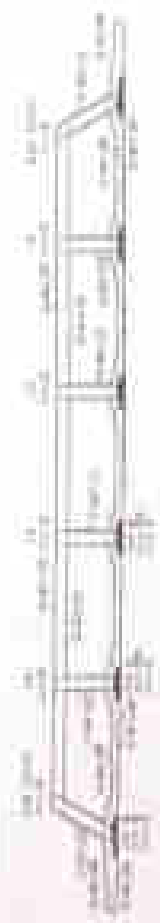
[illegible]











Figure 1 is a schematic representation of the experimental design. It shows a sequence of events: a subject is presented with a stimulus (a word or picture), then a response is recorded, and finally, the subject is asked to rate the stimulus. The response and rating are recorded on a scale from 1 to 5.

Figure 1. The effect of the concentration of the *Agaricus bisporus* spores on the growth of *Agaricus bisporus* on the substrate.

[illegible][illegible]

	Pre-Test	Post-Test
Mean	60.78	79.22
Standard Deviation	10.22	10.22
N	10	10



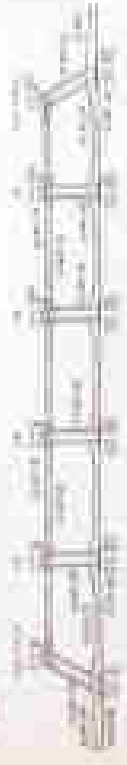
Handwritten practice of the letter 'L' in various orientations and sizes.

Topic	Page No.

1. Topic \_\_\_\_\_  
 2. Page No. \_\_\_\_\_

3. Topic \_\_\_\_\_  
 4. Page No. \_\_\_\_\_

5. Topic \_\_\_\_\_  
 6. Page No. \_\_\_\_\_



7. Topic \_\_\_\_\_  
 8. Page No. \_\_\_\_\_

9. Topic \_\_\_\_\_  
 10. Page No. \_\_\_\_\_

11. Topic \_\_\_\_\_  
 12. Page No. \_\_\_\_\_

13. Topic \_\_\_\_\_  
 14. Page No. \_\_\_\_\_

15. Topic \_\_\_\_\_  
 16. Page No. \_\_\_\_\_

17. Topic \_\_\_\_\_  
 18. Page No. \_\_\_\_\_

19. Topic \_\_\_\_\_  
 20. Page No. \_\_\_\_\_



21. Topic \_\_\_\_\_  
 22. Page No. \_\_\_\_\_

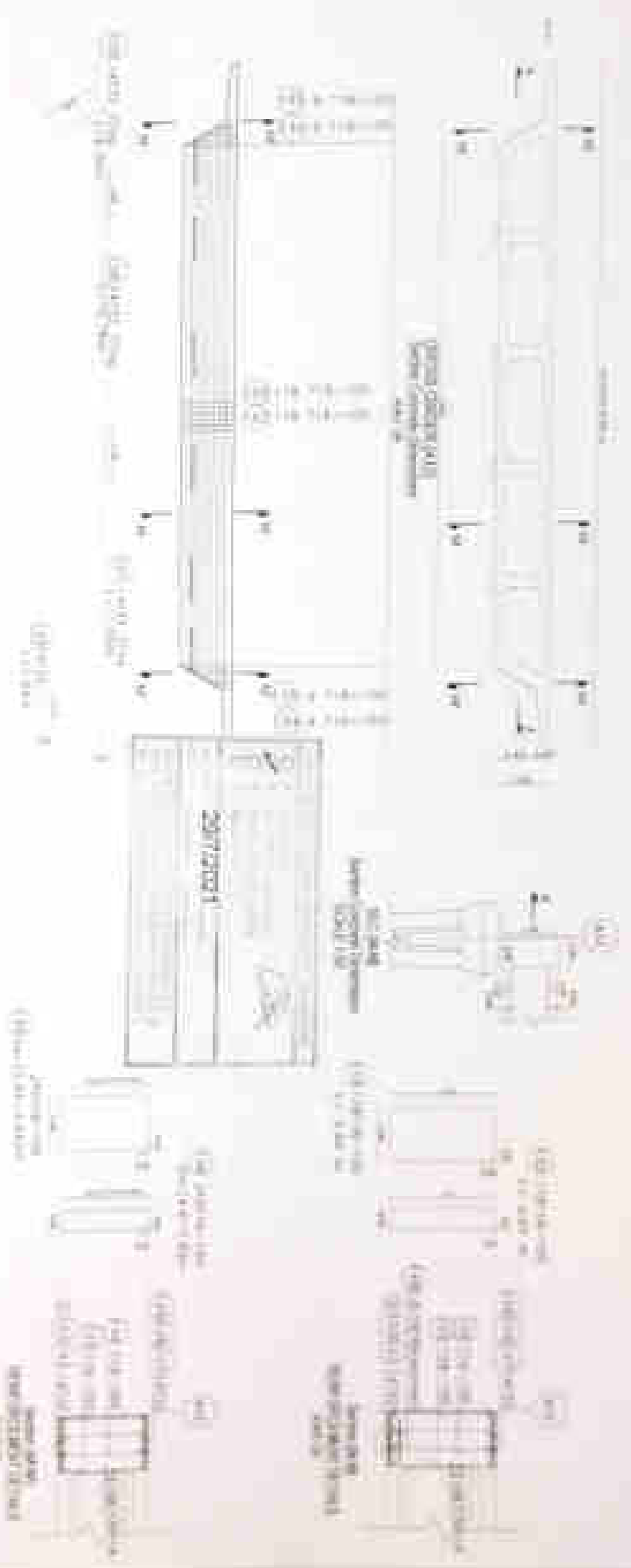
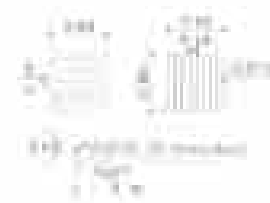
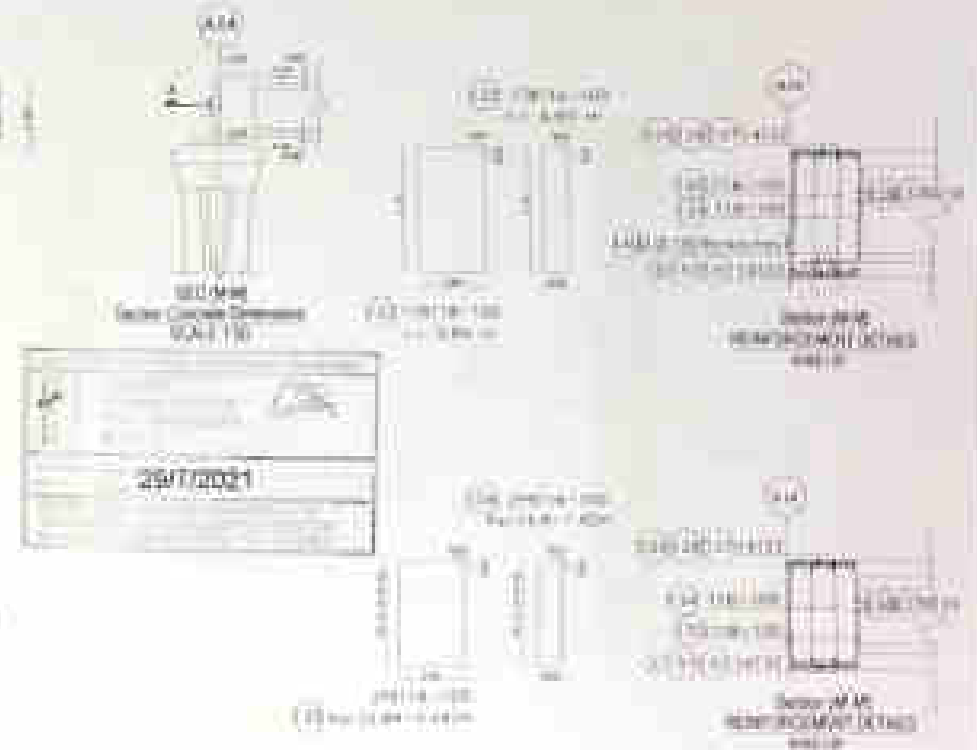
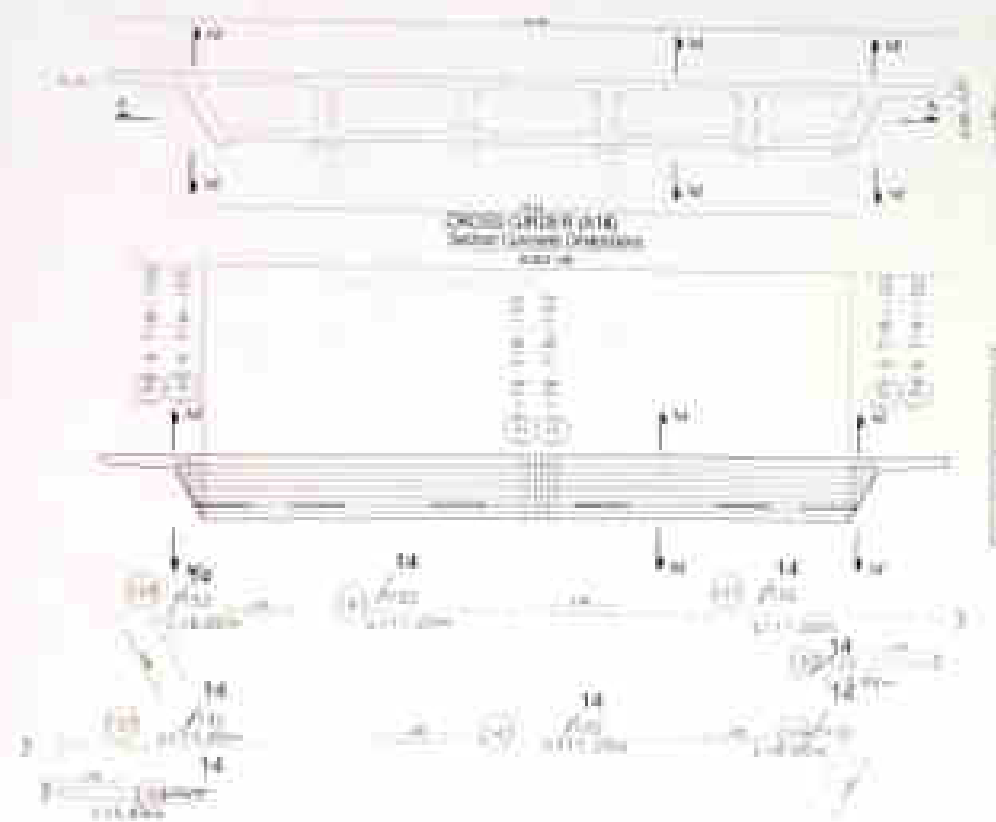


Diagram illustrating the layout and components of a wastewater treatment plant. The main components shown include:

- Plan View:** Shows the overall layout of the plant, including the Pump Station, Sewerage System, Sewerage Treatment Plant, and Sewerage Disposal System.
- Pump Station:** A vertical shaft with a pump at the bottom, used for lifting wastewater.
- Sewerage System:** A network of pipes and manholes for collecting and transporting wastewater.
- Sewerage Treatment Plant:** A large rectangular tank used for treating wastewater.
- Sewerage Disposal System:** A vertical shaft with a 'Sewerage Disposal Tank' at the bottom, used for disposing of treated wastewater.

Project Name	Wastewater Treatment Plant
Client	Ministry of Water and Electricity
Location	Cairo, Egypt
Design Date	2023/05/01
Design Scale	1:100
Design Stage	Final Design
Design Team	Water Engineering Department
Design Engineer	Dr. Mohamed El-Sayed
Design Checker	Mr. Ahmed El-Sayed
Design Approver	Mr. Mohamed El-Sayed
Design Date	2023/05/01
Design Scale	1:100
Design Stage	Final Design
Design Team	Water Engineering Department
Design Engineer	Dr. Mohamed El-Sayed
Design Checker	Mr. Ahmed El-Sayed
Design Approver	Mr. Mohamed El-Sayed



Project Name	
Client Name	
Project Address	
Project Description	
Project Status	
Project Date	
Project Location	
Project Budget	
Project Manager	
Project Engineer	
Project Architect	
Project Designer	
Project Draftsman	
Project Checker	
Project Approver	
Project Stamp	

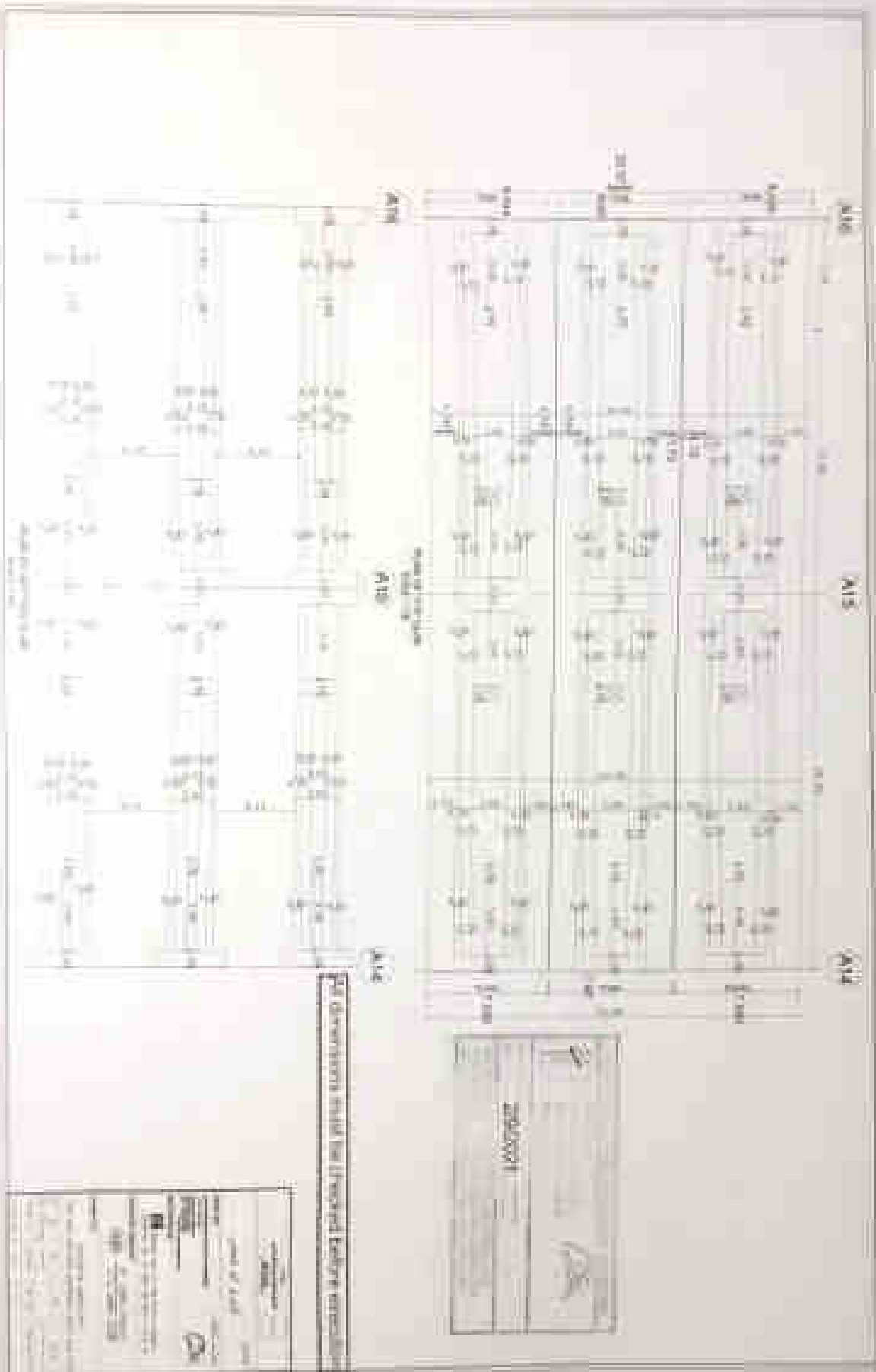
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

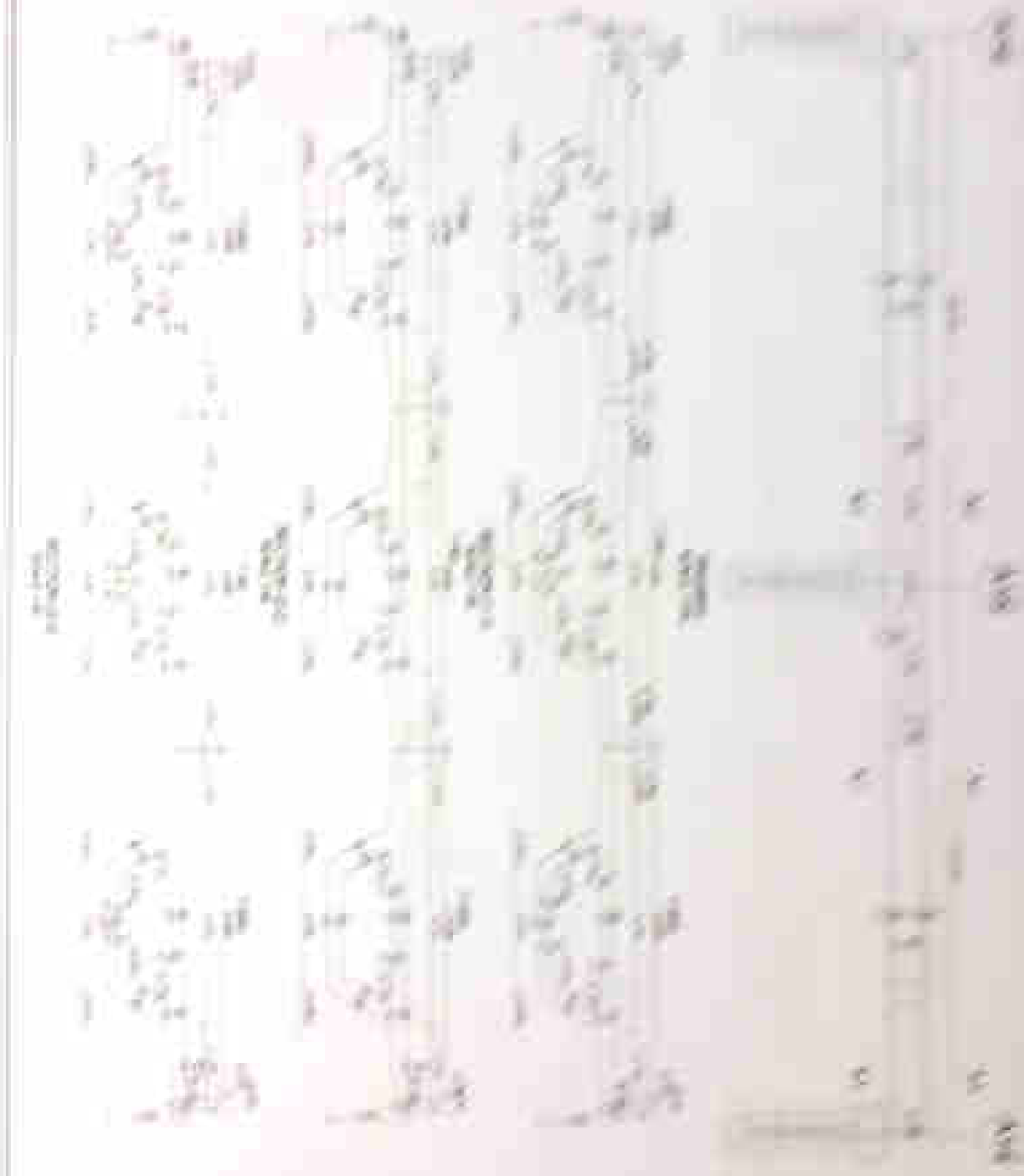




[illegible]

المسوحة ضوئيا بـ CamScanner





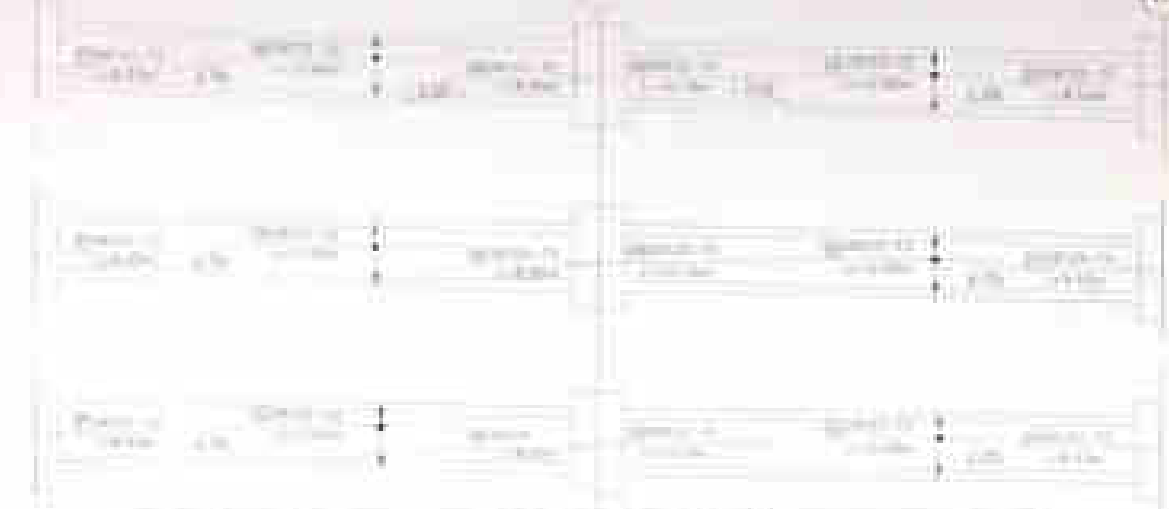
Sludge	Sludge	Sludge	Sludge
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

Sludge	Sludge	Sludge	Sludge
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

A10

A11

A14



2/9/2024	

A10

A13

A14



All spacing of bottom slab reinforcement = 100mm

2/9/2024	

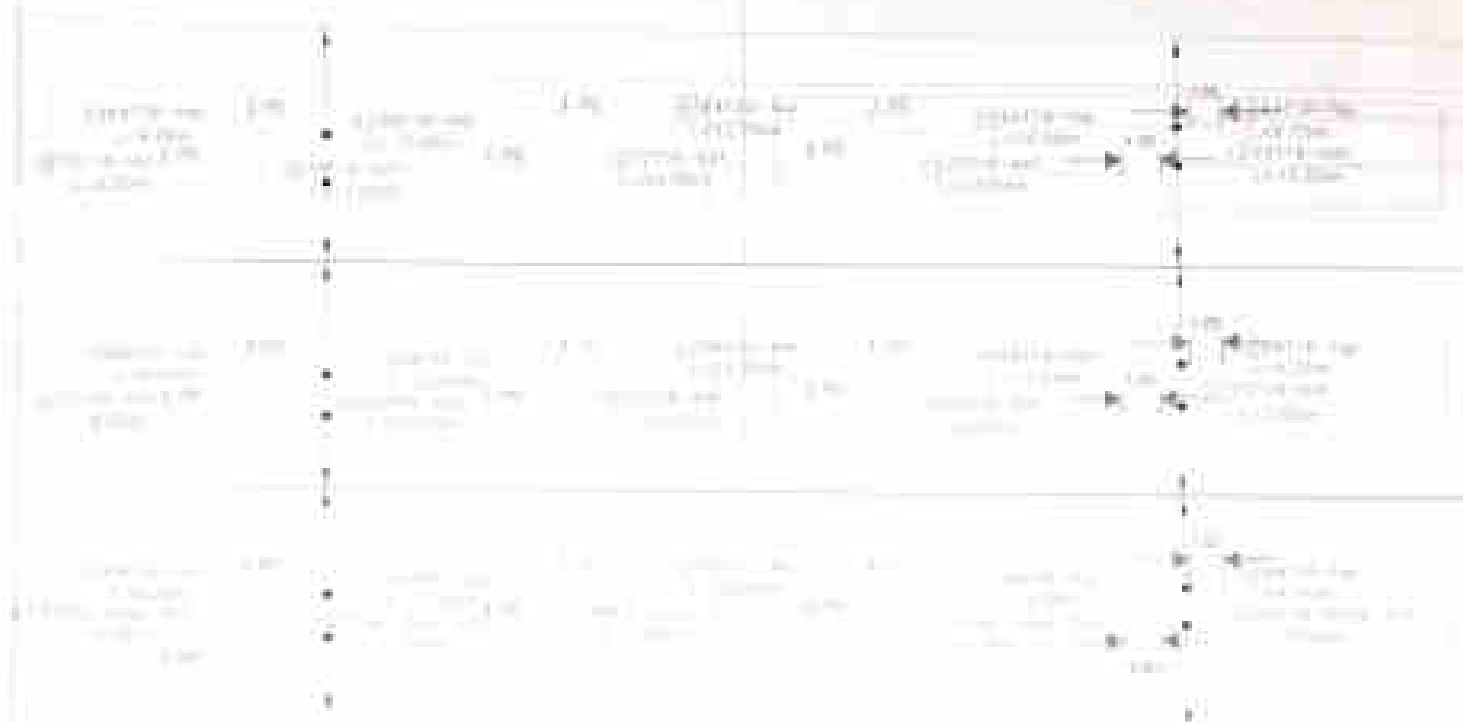
	
2502021	
Project Name: Drawing No: Date: Scale: Author: Checker: Approver: 	

All spacing of bottom slab reinforcement = 100mm

A16

A15

A14



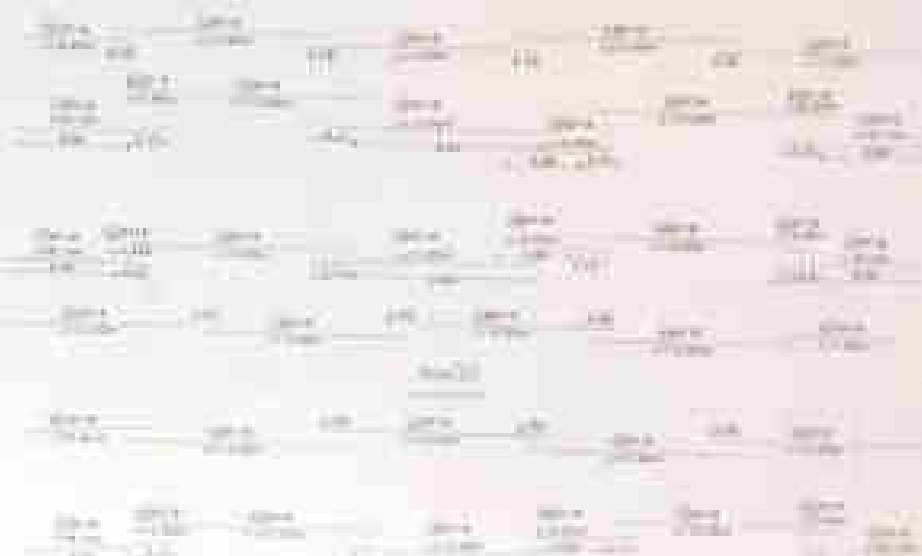
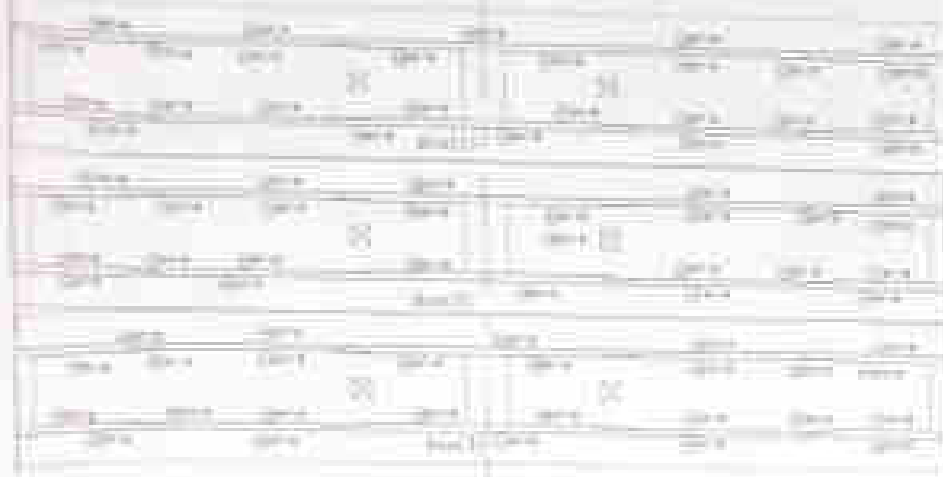
	
Project Name: Drawing No: Date: Scale: Author: Checker: Approver: 	



246

247

248



NAME	DATE
20/2021	

NAME	DATE
20/2021	



Project Name	Bridge over the road
Location	...
Scale	1:100
Sheet No.	2/2
Design No.	...
Drawn by	...
Checked by	...
Approved by	...



Project Name	Bridge over the road
Location	...
Scale	1:100
Sheet No.	2/2
Design No.	...
Drawn by	...
Checked by	...
Approved by	...





First floor



Project No.	1234
Sheet No.	1
Scale	1:100
Author	...
Checked	...
Approved	...



Second floor

Project No.	1234
Sheet No.	2
Scale	1:100
Author	...
Checked	...
Approved	...

A16

A15

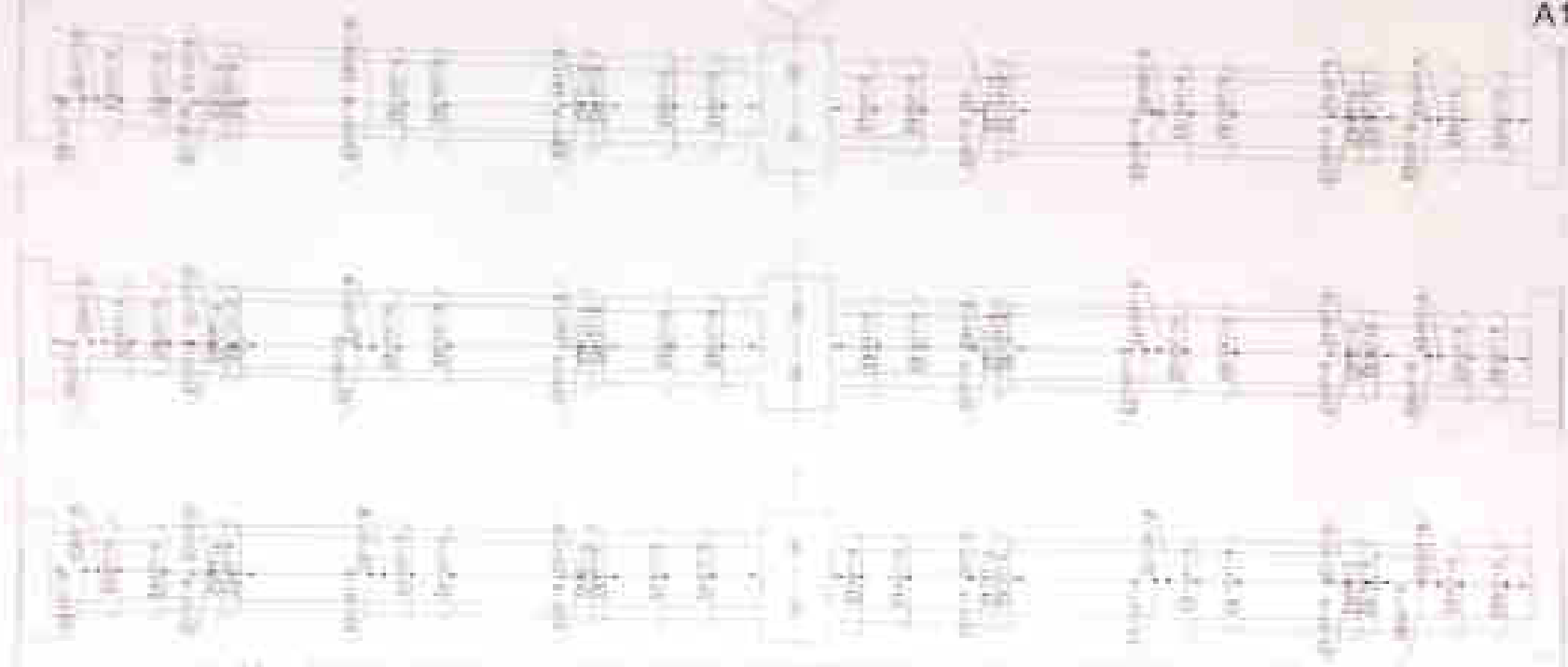
A94

[illegible]

A16

A15

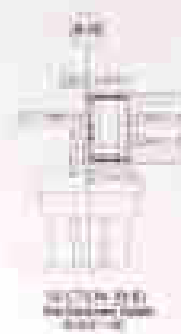
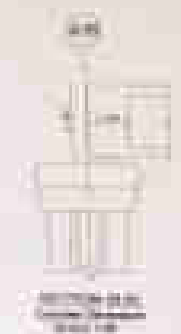
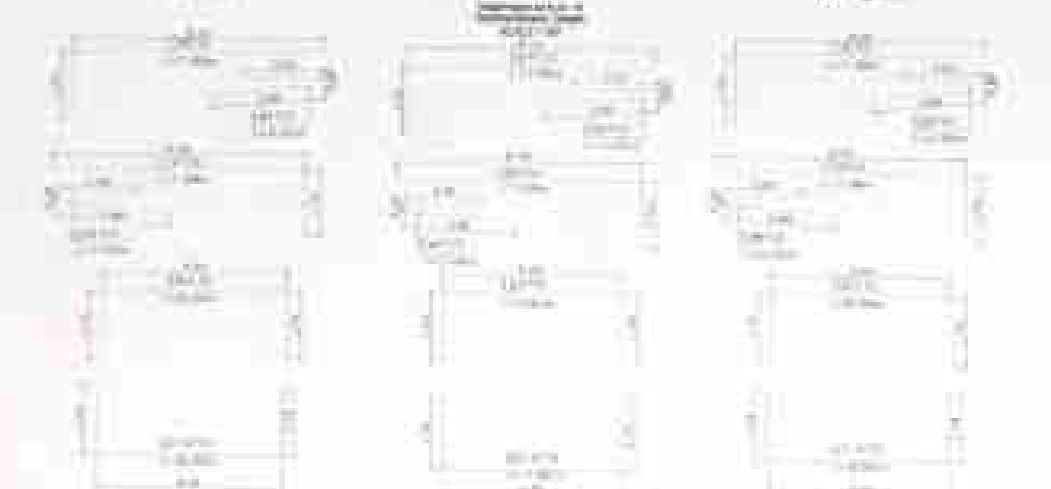
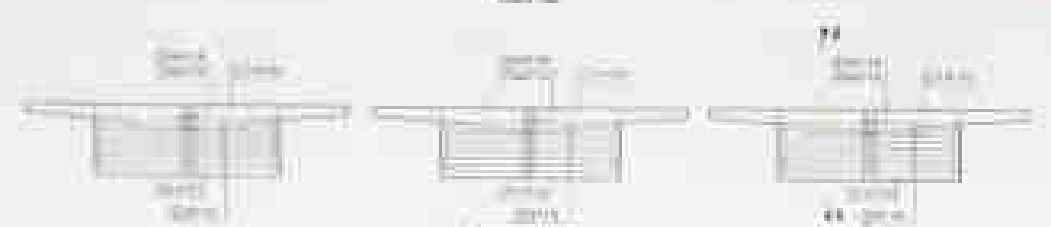
A14



PLAN FOR PROPOSED DISTRIBUTION OF 110KV BUS

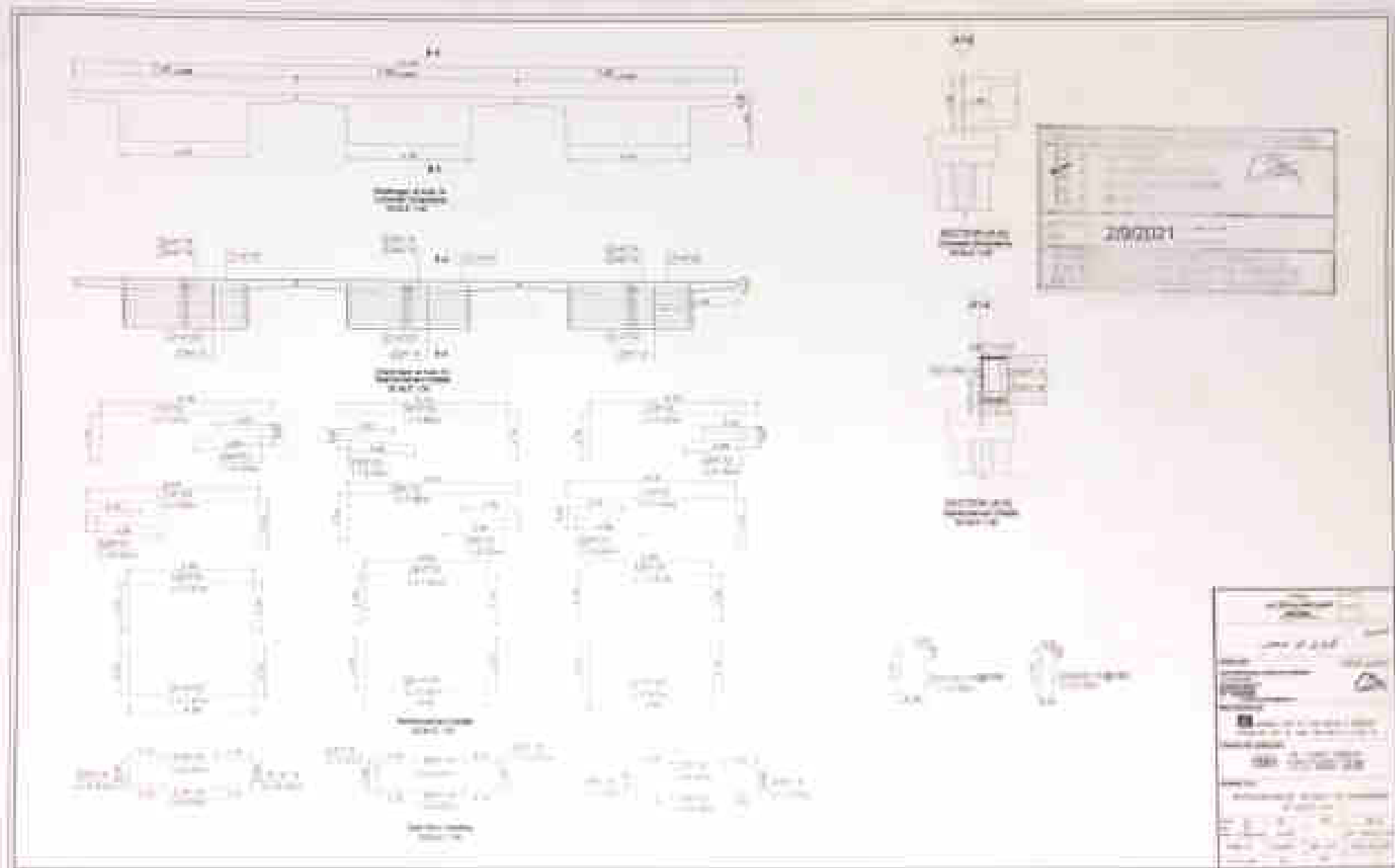


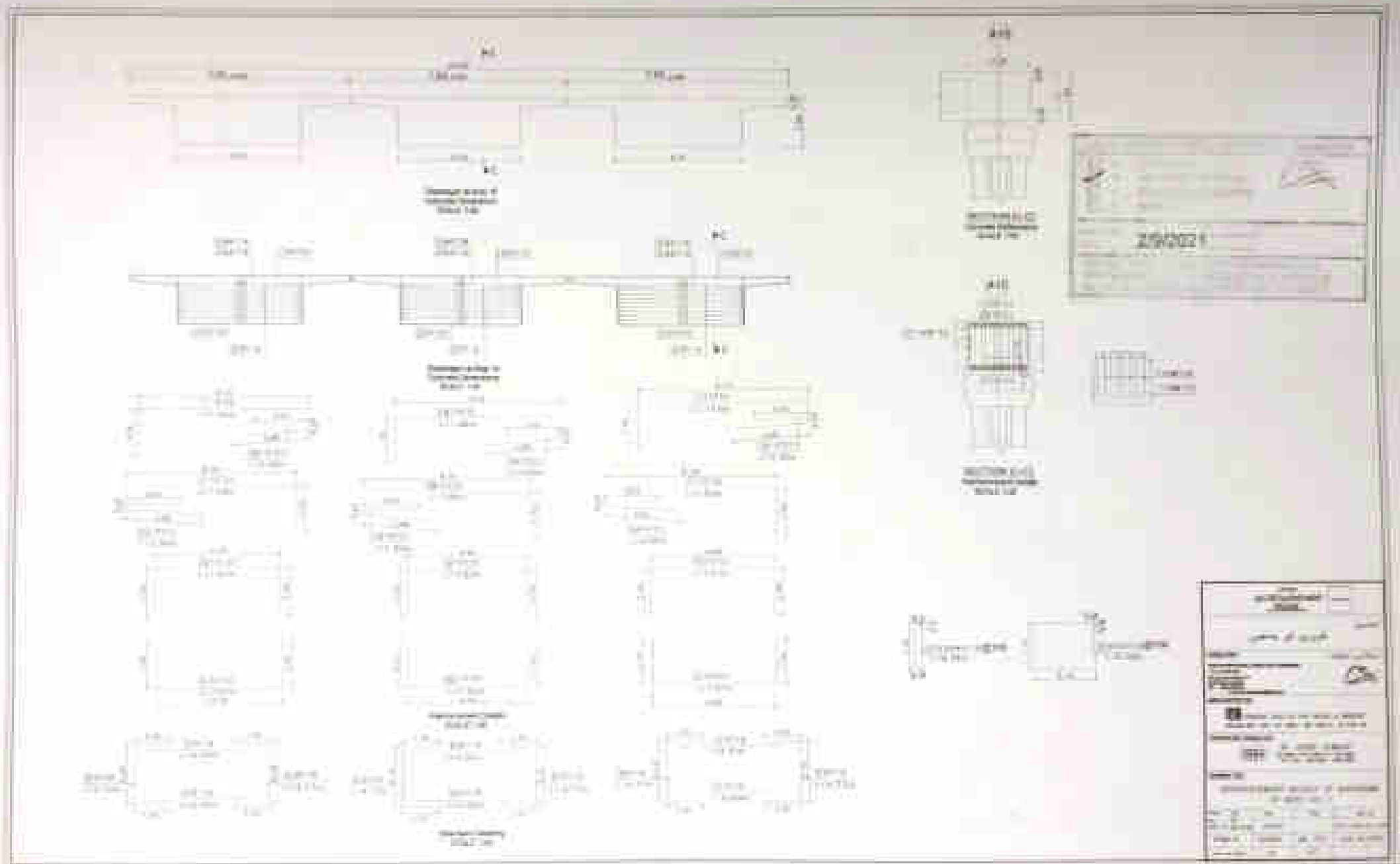
<p>Project Name: _____</p> <p>Client: _____</p> <p>Design No: _____</p> <p>Scale: _____</p> <p>Sheet No: _____</p> <p>Revision: _____</p> <p>Drawn by: _____</p> <p>Checked by: _____</p> <p>Approved by: _____</p> <p>Date: _____</p>	
--	--

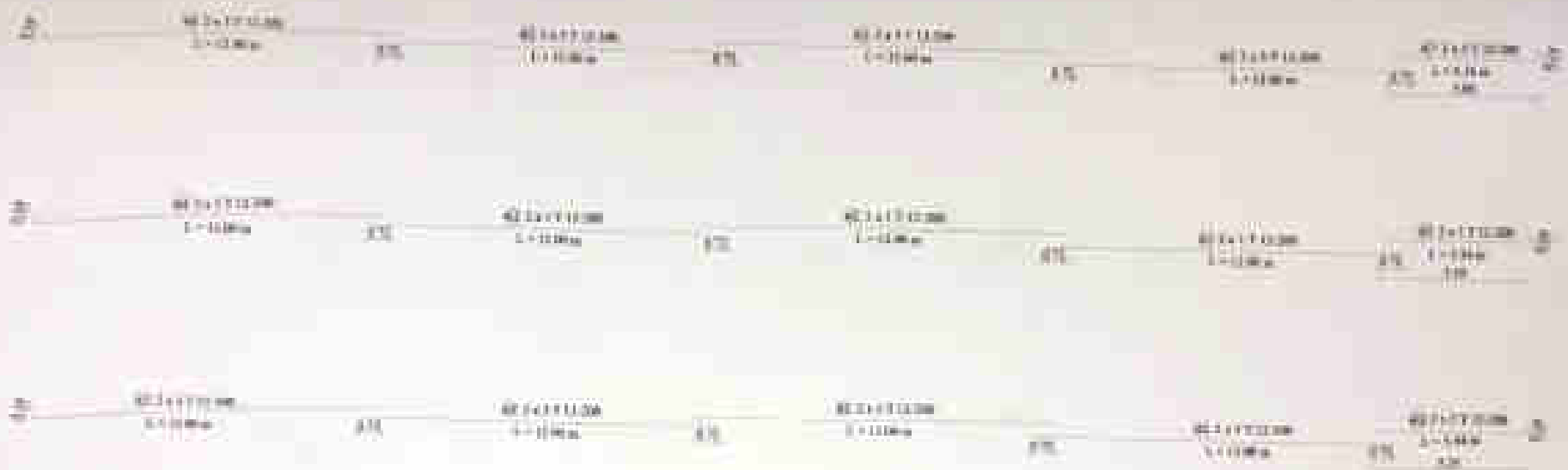


21/2/2021
-----------

21/2/2021
-----------







Outer New Jersey  
Long Reinforcement of New Jersey



Concrete Dimension  
Scale 1:25



Reinforcement Detail  
Scale 1:25



Project No.	290021
Sheet No.	1
Scale	1:25
Author	
Checked	
Approved	

Project No.	290021
Sheet No.	1
Scale	1:25
Author	
Checked	
Approved	



Inner New Jersey  
Long Reinforcement of New Jersey



START 10.00  
10.00

START 10.00  
10.00

Inner New Jersey IS-END AT ZERO STATIONS







DATE	2/9/2021
TIME	
LOCATION	
PROJECT	
DESIGNER	
CHECKER	
APPROVER	

PROJECT	Inner New Jersey
DATE	2/9/2021
TIME	
LOCATION	
PROJECT	
DESIGNER	
CHECKER	
APPROVER	





[illegible][illegible][illegible]

Mat No	Sign Code
1, 2, 3	
4, 5, 6, 7, 8	
9, 10	
11, 12	
13	
14, 15	

2/8/2021

[illegible]

وزارة النقل  
الهيئة العامة للطرق والكباري  
مكتبه العامة للطرق والكباري المنطقة الثالثة عشر

استكمال حصر العيوب لعمود C2

الرقم	القطر	العمود	العمود	العمود	العمود
1	30	6.31	50	0.86	0.271
2	18	2.00	4	0.81	0.006
3	22	2.90	10	0.68	0.095
4	22	0.85	32	2.74	0.078
10	16	2.98	8	4.83	0.061
17	12	0.85	36	1.2	0.038
18	10	0.60	36	1.2	0.027
					0.524

الاجمالي

استكمال حصر حديد عمود A70-1

الرقم	القطر	حيز الحزام العلوي	العمود	العمود	العمود
1	12	6.30	50	0.2	0.063
2	18	1.998	4	0.2	0.062
3	22	2.962	10	0.2	0.090
14	12	0.887	36	1.2	0.038
18	10	0.616	36	1.2	0.027
					0.326

الاجمالي

استكمال حصر العيوب لعمود A17-2

الرقم	القطر	حيز الحزام العلوي	العمود	العمود	العمود
1	12	6.31	50	0.13	0.017
2	18	2.00	8	0.09	0.010
3	12	0.85	1	2.74	0.013
9	12	0.85	4	2.74	0.010
10	16	1.98	1	4.83	0.008
17	12	0.85	36	1.2	0.038
18	10	0.60	36	1.2	0.027
					0.090

الاجمالي

استكمال حصر حديد عمود A20-2

الرقم	القطر	حيز الحزام العلوي	العمود	العمود	العمود
1	30	6.31	50	0.75	0.079
2	22	2.98	50	0.13	0.022
14	12	0.85	36	1.2	0.038
18	10	0.60	36	1.2	0.027
					0.118

الاجمالي

عن الهيئة

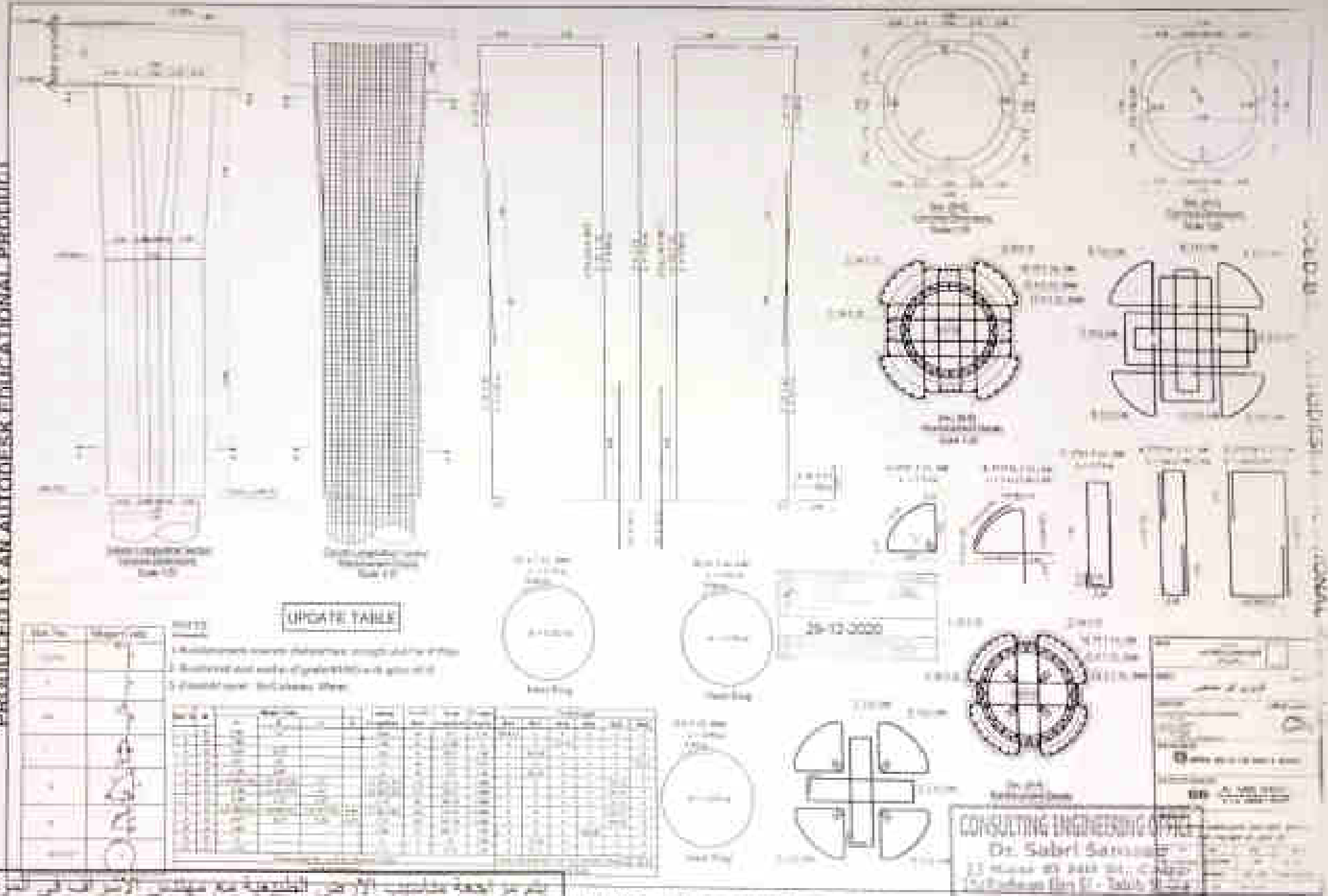
محمد عباد

عن الاستشاري

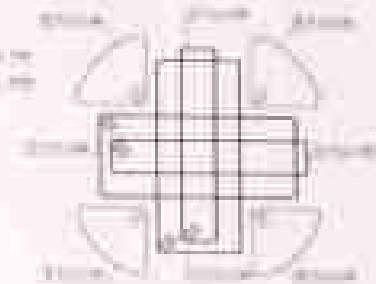
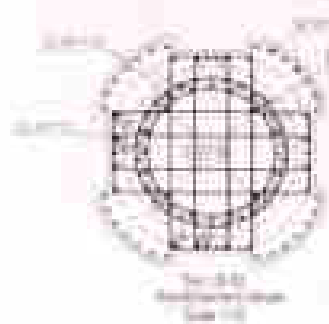
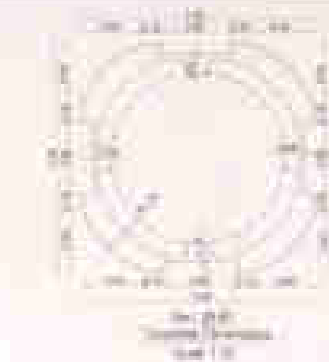
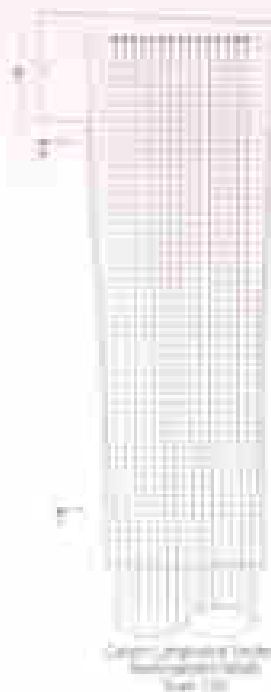
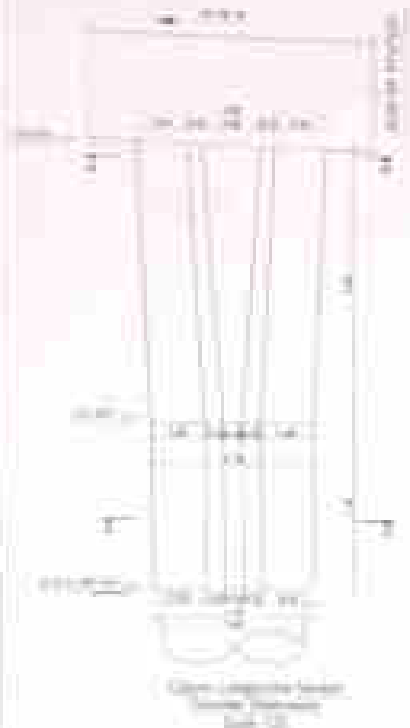
محمود مكي

عن الشركة

محمد







All levels must be checked before construction

#### NOTE

1. Check the level of the ground surface before construction.
2. Check the level of the ground surface after construction.
3. Check the level of the ground surface after construction.

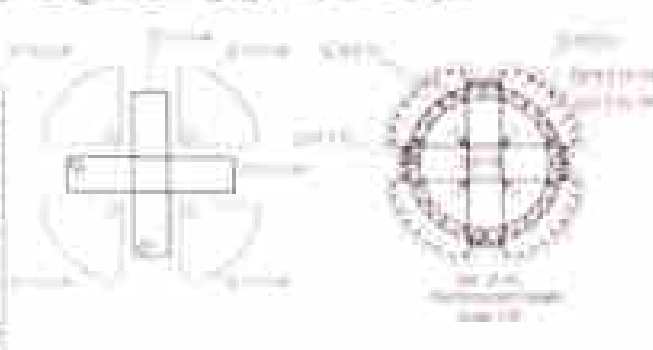
Item	Quantity	Unit	Remarks
1	1	m	1.00
2	1	m	1.00
3	1	m	1.00
4	1	m	1.00
5	1	m	1.00
6	1	m	1.00
7	1	m	1.00
8	1	m	1.00
9	1	m	1.00
10	1	m	1.00



مراجعة مهندس الإشراف على التنفيذ مع مهندس الإشراف في الموقع و في حالة وجود أي ملاحظات

Item No.	Design Code
1	
2	
3	
4	
5	

Item No.	Design Code	Quantity	Unit	Remarks
1		1	m	1.00
2		1	m	1.00
3		1	m	1.00
4		1	m	1.00
5		1	m	1.00
6		1	m	1.00
7		1	m	1.00
8		1	m	1.00
9		1	m	1.00
10		1	m	1.00



Project Name	
Client Name	
Site Location	
Date of Issue	
Drawing No.	
Scale	
Author	
Checker	
Approver	







وزارة النقل  
الهيئة العامة للطرق والكباري  
الهيئة العامة للطرق والكباري المنطقة الثالثة عشر

تفصيل شركة اقل الحادي الطرق والكباري

استكمال قسم الحادي لعمود B1

الرقم	المقطع	وزن البئر المائي	العدد	الطول	إجمالي الوزن
1	32	6.31	50	0.4	0.189
2	18	2.00	4	0.6	0.005
3	32	0.88	12	1.24	0.040
4	32	0.80	24	2.24	0.058
5	18	1.58	4	4.83	0.040
6	12	0.80	36	1.2	0.358
7	10	0.62	36	1.2	0.027
					0.590

الاجملي

استكمال قسم الحادي لعمود B2

الرقم	المقطع	وزن البئر المائي	العدد	الطول	إجمالي الوزن
1	32	6.31	50	0.14	0.044
2	18	2.00	8	0.34	0.003
3	32	0.88	2	1.24	0.007
4	32	0.80	8	2.24	0.030
5	18	1.58	2	4.83	0.008
6	12	0.80	36	1.2	0.358
7	10	0.62	36	1.2	0.027
					0.092

الاجملي

استكمال قسم الحادي لعمود B4

الرقم	المقطع	وزن البئر المائي	العدد	الطول	إجمالي الوزن
1	32	6.31	50	0.2	0.063
2	18	2.00	4	0.2	0.002
3	32	0.88	4	2.74	0.000
4	32	0.80	8	2.55	0.016
5	32	0.80	8	3.14	0.013
6	32	0.80	8	1.89	0.013
7	12	0.65	8	2.74	0.019
8	18	1.58	7	4.83	0.023
					0.171

الاجملي

استكمال قسم الحادي لعمود B5

الرقم	المقطع	وزن البئر المائي	العدد	الطول	إجمالي الوزن
1	32	6.31	50	0.17	0.054
2	18	2.00	8	0.37	0.000
3	32	0.88	4	3.74	0.013
4	32	0.80	8	2.74	0.029
5	18	1.58	2	4.83	0.019
6	12	0.80	36	1.2	0.038
7	10	0.62	36	1.2	0.027
					0.116

الاجملي

عن الهيئة  
رعااد

عن الاستشاري  
مشتاق

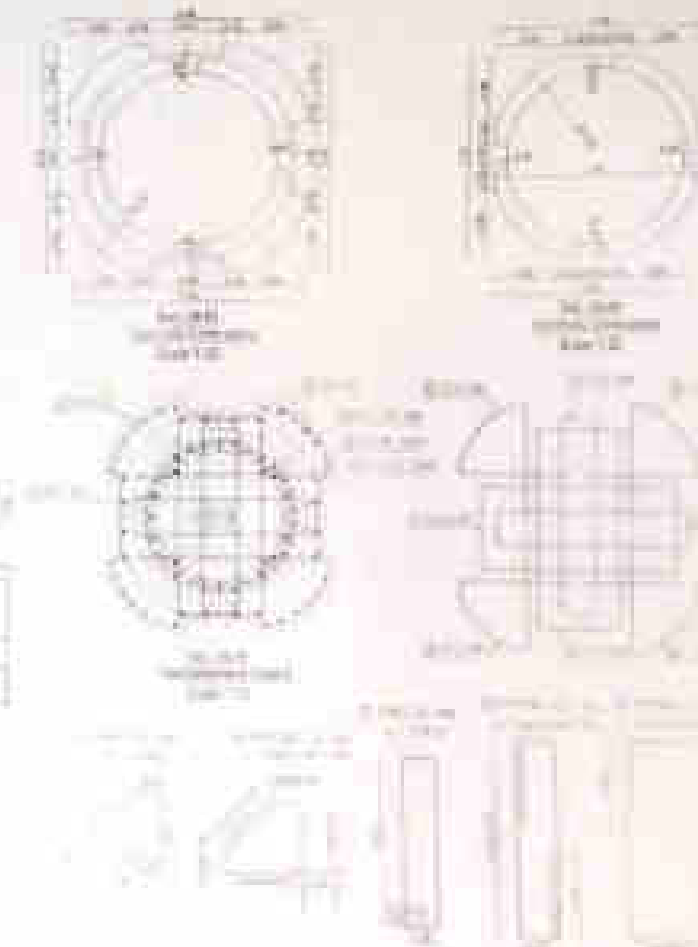
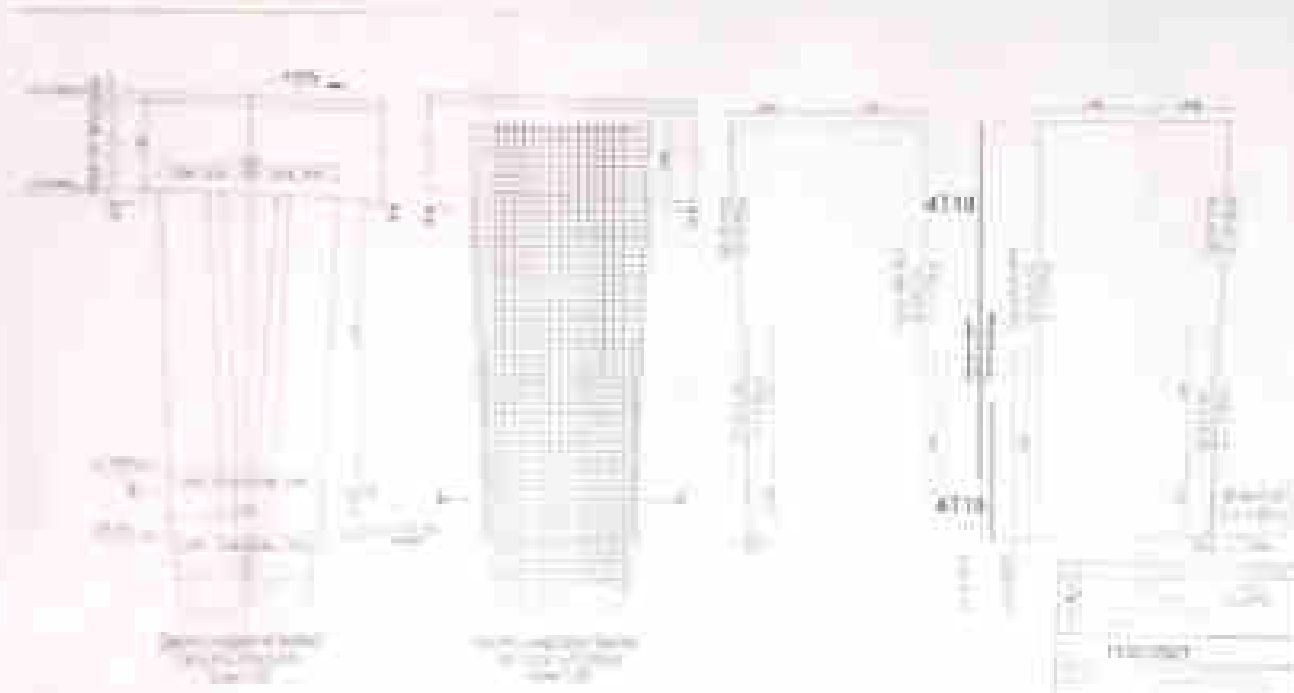
عن الشركة

عن الشركة









**NOTES**

1. Performance based design, through out the project
2. Architectural and structural design with open end
3. Complete design for building system

**CONSULTING ENGINEERING OFFICE**  
**Dr. Sabri Samir**  
 23 Khaled St. 1431 St. 1431 St.  
 Heliopolis, Cairo, Egypt

**Section Type**

Room No.	Room Name	Area (sq.m)	Volume (cu.m)	Height (m)	Notes
1	Reception	120	1200	10	
2	Waiting	150	1500	10	
3	Office	100	1000	10	
4	Conference	80	800	10	
5	Storage	50	500	10	
6	Restroom	30	300	10	
7	Kitchen	40	400	10	
8	Breakfast	60	600	10	
9	Entrance	100	1000	10	
10	Exit	100	1000	10	
11	Corridor	100	1000	10	
12	Staircase	50	500	10	
13	Garage	200	2000	10	
14	Storage	100	1000	10	
15	Office	100	1000	10	
16	Conference	80	800	10	
17	Storage	50	500	10	
18	Restroom	30	300	10	
19	Kitchen	40	400	10	
20	Breakfast	60	600	10	
21	Entrance	100	1000	10	
22	Exit	100	1000	10	
23	Corridor	100	1000	10	
24	Staircase	50	500	10	
25	Garage	200	2000	10	
26	Storage	100	1000	10	
27	Office	100	1000	10	
28	Conference	80	800	10	
29	Storage	50	500	10	
30	Restroom	30	300	10	
31	Kitchen	40	400	10	
32	Breakfast	60	600	10	
33	Entrance	100	1000	10	
34	Exit	100	1000	10	
35	Corridor	100	1000	10	
36	Staircase	50	500	10	
37	Garage	200	2000	10	
38	Storage	100	1000	10	
39	Office	100	1000	10	
40	Conference	80	800	10	
41	Storage	50	500	10	
42	Restroom	30	300	10	
43	Kitchen	40	400	10	
44	Breakfast	60	600	10	
45	Entrance	100	1000	10	
46	Exit	100	1000	10	
47	Corridor	100	1000	10	
48	Staircase	50	500	10	
49	Garage	200	2000	10	
50	Storage	100	1000	10	



Room No.	Room Name	Area (sq.m)	Volume (cu.m)	Height (m)	Notes
1	Reception	120	1200	10	
2	Waiting	150	1500	10	
3	Office	100	1000	10	
4	Conference	80	800	10	
5	Storage	50	500	10	
6	Restroom	30	300	10	
7	Kitchen	40	400	10	
8	Breakfast	60	600	10	
9	Entrance	100	1000	10	
10	Exit	100	1000	10	
11	Corridor	100	1000	10	
12	Staircase	50	500	10	
13	Garage	200	2000	10	
14	Storage	100	1000	10	
15	Office	100	1000	10	
16	Conference	80	800	10	
17	Storage	50	500	10	
18	Restroom	30	300	10	
19	Kitchen	40	400	10	
20	Breakfast	60	600	10	
21	Entrance	100	1000	10	
22	Exit	100	1000	10	
23	Corridor	100	1000	10	
24	Staircase	50	500	10	
25	Garage	200	2000	10	
26	Storage	100	1000	10	
27	Office	100	1000	10	
28	Conference	80	800	10	
29	Storage	50	500	10	
30	Restroom	30	300	10	
31	Kitchen	40	400	10	
32	Breakfast	60	600	10	
33	Entrance	100	1000	10	
34	Exit	100	1000	10	
35	Corridor	100	1000	10	
36	Staircase	50	500	10	
37	Garage	200	2000	10	
38	Storage	100	1000	10	
39	Office	100	1000	10	
40	Conference	80	800	10	
41	Storage	50	500	10	
42	Restroom	30	300	10	
43	Kitchen	40	400	10	
44	Breakfast	60	600	10	
45	Entrance	100	1000	10	
46	Exit	100	1000	10	
47	Corridor	100	1000	10	
48	Staircase	50	500	10	
49	Garage	200	2000	10	
50	Storage	100	1000	10	

وزارة النقل

الهيئة العامة للطرق والكباري

الهيئة العامة للطرق والكباري المنطقة الثالثة عشر

تنفيذ: شركة النيل العامة للطرق والكباري

الحصر الفعلي لعمود A4 2						
الرقم	القطر	وزن المتر الطولي	العدد	الطول	اجمالي الوزن	ملاحظات
1	32	6.31	50	2	0.631	الطول 8.73 مثن 6.73
2	18	2.00	4	2	0.016	الطول 7.73 مثن 5.73
4	22	2.98	50	2	0.298	الطول 5.82 مثن 3.82
7	12	0.89	40	3.74	0.133	العدد 76 مثن 36
9	12	0.89	80	2.74	0.194	العدد 152 مثن 72
10	16	1.58	20	4.83	0.152	العدد 77 مثن 57
11	22	2.98	1	4	0.012	العدد 4 مثن 3
12	22	2.98	1	4.33	0.013	العدد 4 مثن 3
الاجمالي					1.437	

عن الشركة

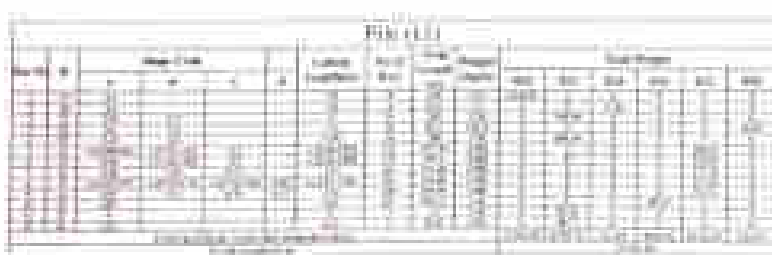
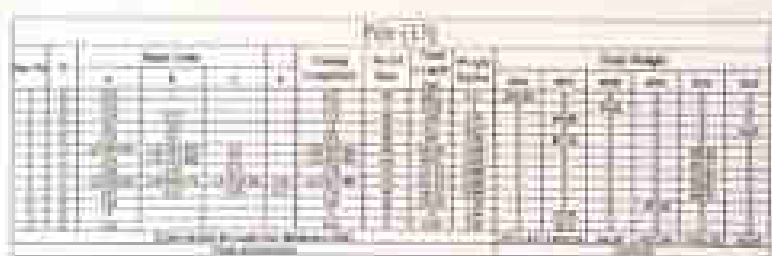
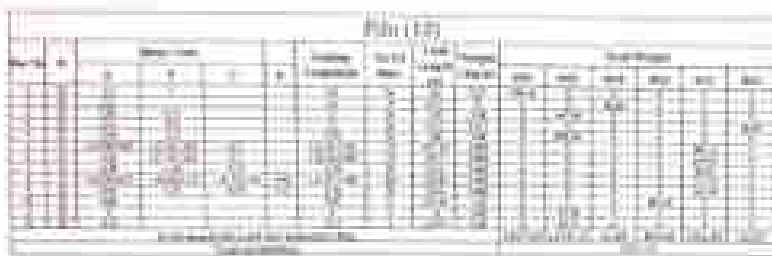
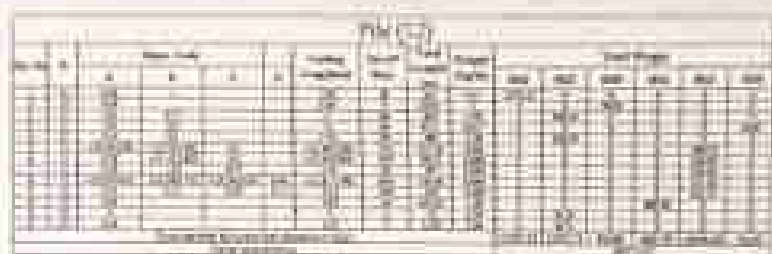
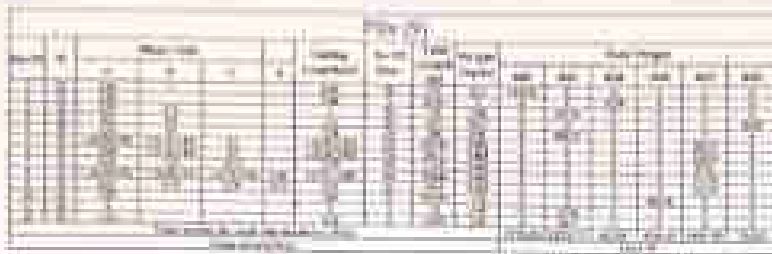
عن الاستشاري

عن الهيئة

مستشار

مستشار

مستشار



NAME	DATE
SCORE	MARKS

1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

NAME	DATE
SCORE	MARKS

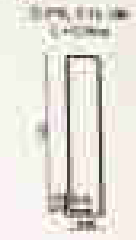
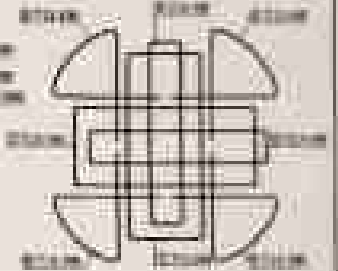
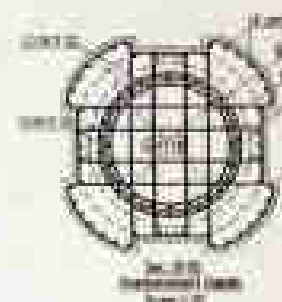
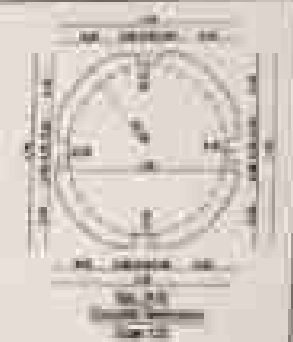
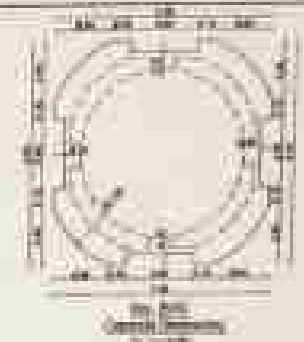
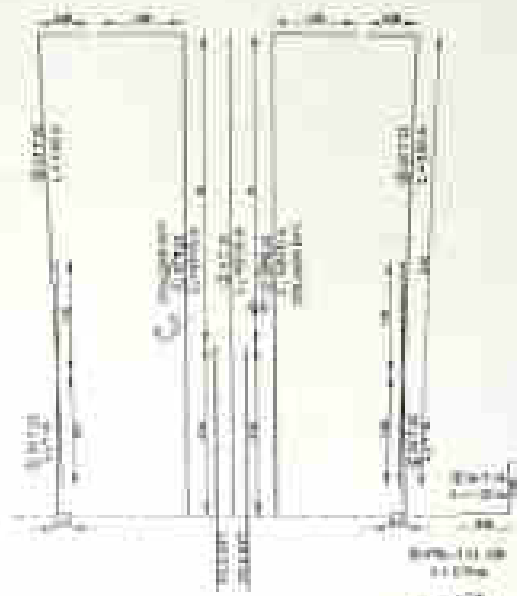
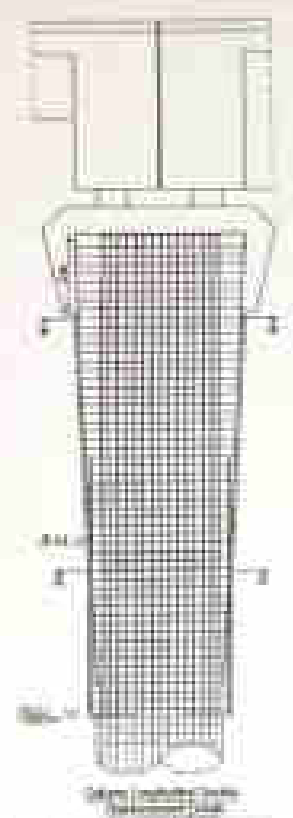
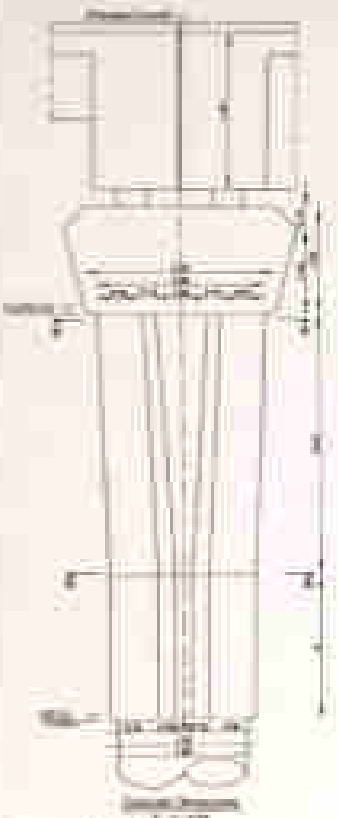
5/10

NAME	DATE
SCORE	MARKS



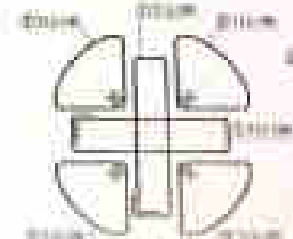


2021-2022  
 2021-2022  
 2021-2022  
 2021-2022



NO.	REVISION	DATE	BY	CHKD.	APP'D.	REASON
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82						
83						
84						
85						
86						
87						
88						
89						
90						
91						
92						
93						
94						
95						
96						
97						
98						
99						
100						

CONSULTING ENGINEERING FIRM  
 Dr. Ghafar El-Dars  
 Dr. Ghafar El-Dars  
 Dr. Ghafar El-Dars



2021-2022  
 2021-2022  
 2021-2022  
 2021-2022

1. All dimensions are in millimeters unless otherwise specified.  
 2. All dimensions are to be maintained unless otherwise specified.  
 3. All dimensions are to be maintained unless otherwise specified.

وزارة النقل  
الهيئة العامة للطرق والكباري  
الهيئة العامة للطرق والكباري المنطقة الثالثة عشر

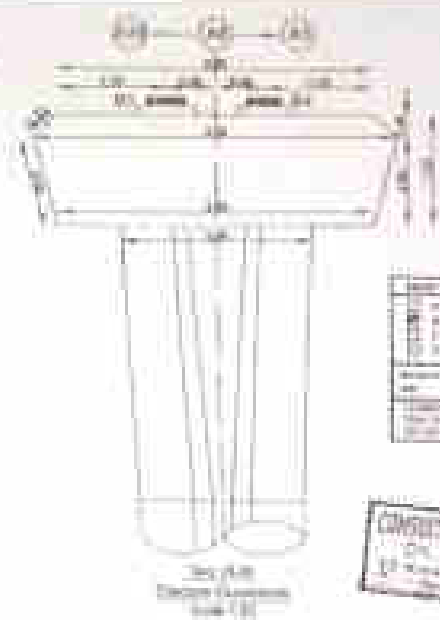
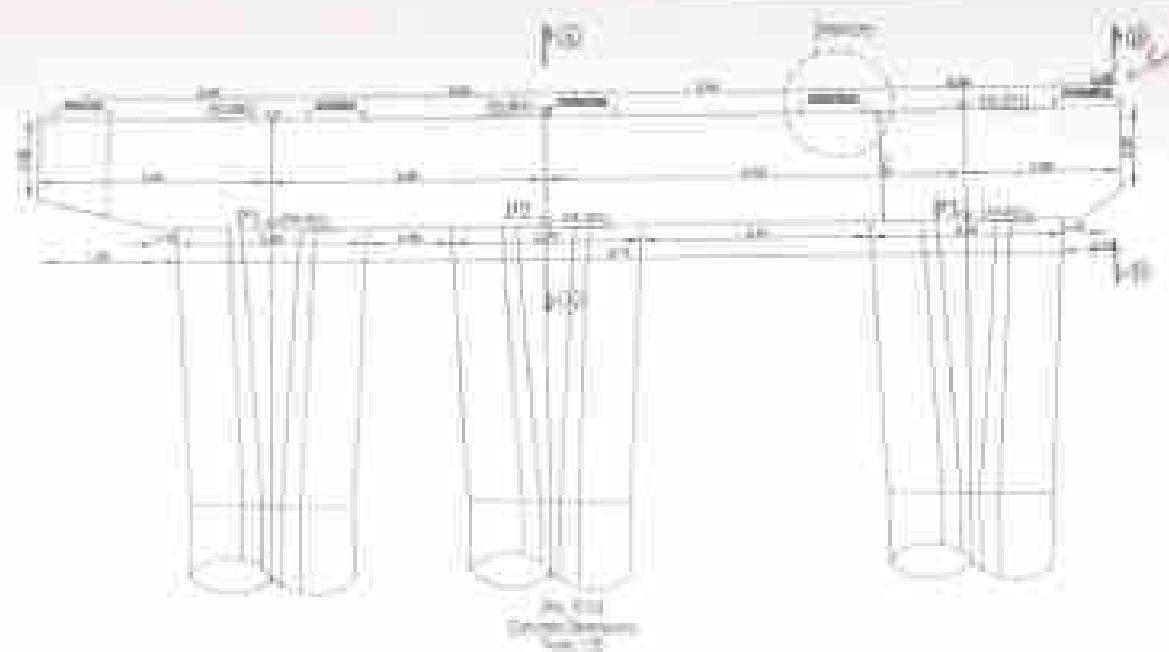
شركة البنية التحتية العامة للطرق والكباري

استكمال جسر العنيد لهامة ٨							
رقم التسج	القطر	الطول	العدد	وزن البكر الفولاذي	الوزن بالطن	الوزن بالطن	ملاحظات
1	22	5.8	12	2.98	207.54	0.21	
2	22	5	12	2.98	178.82	0.18	
3	22	9.05	8	2.98	231.16	0.23	
4	16	3.63	48	1.58	274.81	0.27	
5	16	3.4	144	1.58	541.09	0.35	
6	22	8.46	2	2.98	50.42	0.06	
7	16	3.06	12	1.58	57.92	0.06	
8	22	9.625	1	2.98	28.70	0.03	
9	16	1.27	6	1.58	30.84	0.03	
12	22	8.6	2	2.98	51.29	0.05	
13	16	1.94	10	1.58	46.87	0.05	
**	22	4	24	2.98	286.34	0.29	
				الاجمالي	1.98%		

من الشركة  
إعداد

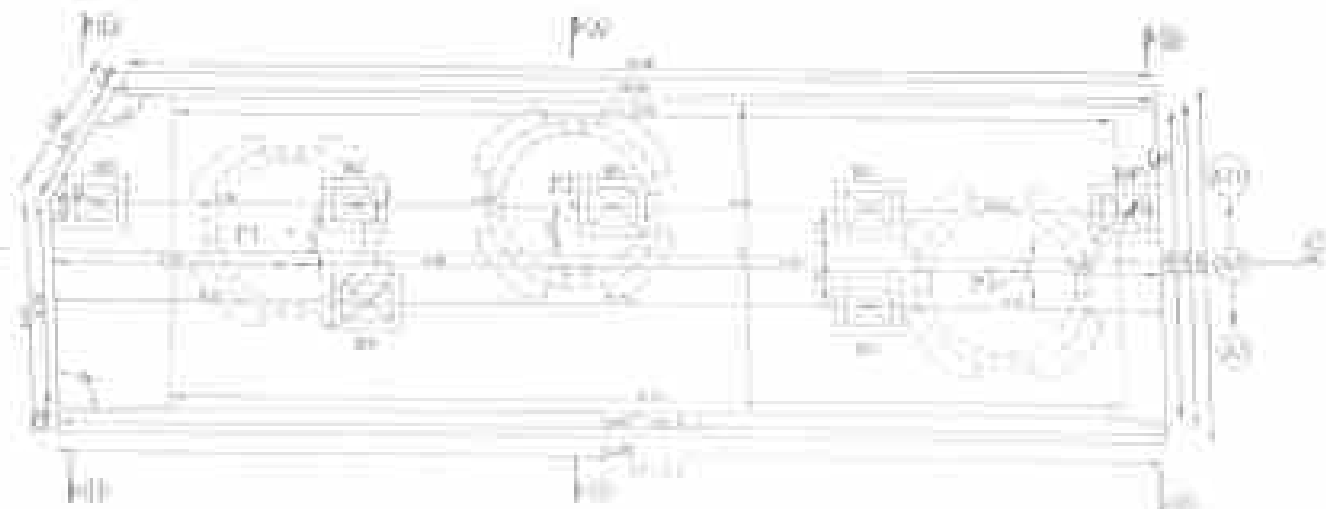
من الاستشاري  
مؤيد

من الشركة  
شركة



Project Name	Structural Design
Client Name	ABC Company
Design Date	10/10/2023
Design By	Engineer A
Check By	Engineer B
Approval	Stamp

CONCRETE REINFORCEMENT  
 1. All bars shall be lap welded.  
 2. All bars shall be bent as shown.  
 3. All bars shall be bent as shown.



Project Name	Structural Design
Client Name	ABC Company
Design Date	10/10/2023
Design By	Engineer A
Check By	Engineer B
Approval	Stamp





توريت وتركيب حديد إنشائي (Steel structure) لزوم أعمال جسم الكورني بمطابق Built up section من جدول حديد عالي المقاومة بدرجة St 52 إجهاد خضوع لا يقل عن 3٥٥ كجم / سم<sup>2</sup> والبند يشمل جميع أنواع اللحامات والوصلات والاختيارات المختلفة لهما والبند يشمل كافة اللزائم بعمل الحماية بطلائتين من الصداية عند الصمغ حسب الأصول الفنية والمواصفات والرسومات التنفيذية.

(7) 2014年12月31日

فيلد في كة : النيل العامة الطريق والكمالي

# THE

10

الكعبة والكعبة

Chen, J.

2

(C) 2004 by John Wiley & Sons, Inc.



**Figure 1**

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the experimental group. The experimental group was divided into two subgroups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the experimental group. The experimental group was divided into two subgroups: the control group and the experimental group.

A8-10

100

17-0776

Copyright © 2007 by John Wiley & Sons, Inc.

1000

SECRET

100

5

3

1. *Chrysomelidae*  
 2. *Chrysomelidae*  
 3. *Chrysomelidae*  
 4. *Chrysomelidae*  
 5. *Chrysomelidae*  
 6. *Chrysomelidae*  
 7. *Chrysomelidae*  
 8. *Chrysomelidae*  
 9. *Chrysomelidae*  
 10. *Chrysomelidae*  
 11. *Chrysomelidae*  
 12. *Chrysomelidae*  
 13. *Chrysomelidae*  
 14. *Chrysomelidae*  
 15. *Chrysomelidae*  
 16. *Chrysomelidae*  
 17. *Chrysomelidae*  
 18. *Chrysomelidae*  
 19. *Chrysomelidae*  
 20. *Chrysomelidae*  
 21. *Chrysomelidae*  
 22. *Chrysomelidae*  
 23. *Chrysomelidae*  
 24. *Chrysomelidae*  
 25. *Chrysomelidae*  
 26. *Chrysomelidae*  
 27. *Chrysomelidae*  
 28. *Chrysomelidae*  
 29. *Chrysomelidae*  
 30. *Chrysomelidae*  
 31. *Chrysomelidae*  
 32. *Chrysomelidae*  
 33. *Chrysomelidae*  
 34. *Chrysomelidae*  
 35. *Chrysomelidae*  
 36. *Chrysomelidae*  
 37. *Chrysomelidae*  
 38. *Chrysomelidae*  
 39. *Chrysomelidae*  
 40. *Chrysomelidae*  
 41. *Chrysomelidae*  
 42. *Chrysomelidae*  
 43. *Chrysomelidae*  
 44. *Chrysomelidae*  
 45. *Chrysomelidae*  
 46. *Chrysomelidae*  
 47. *Chrysomelidae*  
 48. *Chrysomelidae*  
 49. *Chrysomelidae*  
 50. *Chrysomelidae*  
 51. *Chrysomelidae*  
 52. *Chrysomelidae*  
 53. *Chrysomelidae*  
 54. *Chrysomelidae*  
 55. *Chrysomelidae*  
 56. *Chrysomelidae*  
 57. *Chrysomelidae*  
 58. *Chrysomelidae*  
 59. *Chrysomelidae*  
 60. *Chrysomelidae*  
 61. *Chrysomelidae*  
 62. *Chrysomelidae*  
 63. *Chrysomelidae*  
 64. *Chrysomelidae*  
 65. *Chrysomelidae*  
 66. *Chrysomelidae*  
 67. *Chrysomelidae*  
 68. *Chrysomelidae*  
 69. *Chrysomelidae*  
 70. *Chrysomelidae*  
 71. *Chrysomelidae*  
 72. *Chrysomelidae*  
 73. *Chrysomelidae*  
 74. *Chrysomelidae*  
 75. *Chrysomelidae*  
 76. *Chrysomelidae*  
 77. *Chrysomelidae*  
 78. *Chrysomelidae*  
 79. *Chrysomelidae*  
 80. *Chrysomelidae*  
 81. *Chrysomelidae*  
 82. *Chrysomelidae*  
 83. *Chrysomelidae*  
 84. *Chrysomelidae*  
 85. *Chrysomelidae*  
 86. *Chrysomelidae*  
 87. *Chrysomelidae*  
 88. *Chrysomelidae*  
 89. *Chrysomelidae*  
 90. *Chrysomelidae*  
 91. *Chrysomelidae*  
 92. *Chrysomelidae*  
 93. *Chrysomelidae*  
 94. *Chrysomelidae*  
 95. *Chrysomelidae*  
 96. *Chrysomelidae*  
 97. *Chrysomelidae*  
 98. *Chrysomelidae*  
 99. *Chrysomelidae*  
 100. *Chrysomelidae*

2

Figure 1

4

# Material List

Rev0

SHEET NO.:

MRK-2172-A7-0003

Concrete Piles

Concrete Pile Size (Length x Diameter/Type)	Sheet No.	Depth	Area	Unit	Product #	QUANTITY	Unit	Qty/Total	Unit	Weight	Remarks
---	-----------	-------	------	------	-----------	----------	------	-----------	------	--------	---------

Client Part No.:

Signature

21.5

Concrete Pile No.

Client Sheet #	Area	Qty	Position	Sheet Grade	SECTION	Unit/Area	Unit	Qty/Total	Unit	Weight	Remarks
----------------	------	-----	----------	-------------	---------	-----------	------	-----------	------	--------	---------

Sheet No.:	41	30	10	10.00	10.00	300	1.0	1	40	100	
------------	----	----	----	-------	-------	-----	-----	---	----	-----	--

Total Qty	30	10	10	10.00	10.00	300	1.0	1	40	100	
-----------	----	----	----	-------	-------	-----	-----	---	----	-----	--

# Material List

Rev 0

113F

SHEET No :-

MX-L-2373-AB-0002

113F

Closure Plates:-

General Note For Material & Dimensions (See Drawing 2373)	Client Order #	Height	Width	Qty	Project #	ORDER #	Rev	By	Checked	Date
					MX-L-2373					

See Drawing

Client Ref. Draw. No

Item Sheet #	Mat#	Qty	Position	Steel Grade	SECTION	UNIT/AREA	Unit Weight	Qty	Total Pcs.	Mark	Total Weight	Remarks
--------------	------	-----	----------	-------------	---------	-----------	-------------	-----	------------	------	--------------	---------

1	10	11	11	1000	1000	11	1	11	11	11	11	
---	----	----	----	------	------	----	---	----	----	----	----	--

1	10	11	11	1000	1000	11	1	11	11	11	11	
---	----	----	----	------	------	----	---	----	----	----	----	--

1	10	11	11	1000	1000	11	1	11	11	11	11	
---	----	----	----	------	------	----	---	----	----	----	----	--

Total Weight = 362 Kg

*[Signature]*



# Material List

Rev0

IFF

SHEET NO :- MX-L-2373-LUG-0001

Lifting Lug For A7-A9& A8-A10 Steel Bridge

IFF

General Nbr For Roads & Bridges (Abn. Homes) (2373)	Client Order #	Depa.	Item	DHC NO	Project #	ORDER #	Rev	By	Checked	Date
					MX-L-2373	LUG	0			14/01/2023

Client Part List #

Client Ref Dwg No

Client Sheet #	Mark	Qty	Position	Steel Grade	SECTION	Unit L/Area	Unit Weight	Qty/ Mark	Total Qty	Pos. Weight	Mark Weight	Total Weight	Remarks
Sheet No:-													
LUG0000	24	11502	100508	PL00000	400	12.2	1	24	1.894				
		21802	100508	PL00000	300	11.1	2	48	5.35				
											01	2.172	
												3.172	
Total Qty =		48	Pcs								Total Weight =		2.172 Kg

بيان الأعمال بالمستخلص رقم : (١٩) جاري  
عملية : إنشاء كوبري مزلقان أبو حمص العلوي

رقم البند وبيانه : (٢٦)  
بالمتر المسطح توريد وتشغيل وتركيب Corrugated sheets بسبك ٢ مم والفئة تشمل توريد المواد والنقطة طبقا  
لرسومات والسعر يشمل أيضا الهالك والتخانات والاختبارات وكل ما يلزم لنهوا العمل طبقا للمواصفات والرسومات التنفيذية  
المعتمدة وتعليمات جهاز الإشراف

تنفيذ شركة : النيل العامة للطرق والكباري

الكمية بالمقايضة المجددة رقم 1	١٨٠٠ م ٢	مقدار العمل السابق	٩٤٩	بيان الأعمال بالمقايضة
الاجمالي (م ٢)	العدد	المساحة (م ٢)		
باقي استكمال حصر الباكيات المعدنية A7-9 & A8-10	٥٨	٥٨	١	٥٨
حصر الباكية المعدنية A19-A20	٧٠٤	٧٠٤	١	٧٠٤
الاجمالي ( بالطن )	٧٦٢			
اجمالي ما تم تنفيذه حتى تاريخه	١٧١١			
اجمالي الكمية المدرجة بالمستخلص السابق	٩٤٥			
الكمية المدرجة بالمستخلص خلال مدة	٧٦٦			
اجمالي الكمية المدرجة بالمستخلص الحالي	١٧١١			

عن الشركة

عن الاستشاري

عن الهيئة

عبد

عبد

عبد

Task Department - Engineering

# Material List

Rev 0

**IFF**

Release No : 0001

SHEET NO :-

MX-L-2373-A19-0903

Metal Deck For A19-A20 Steel Bridge

**IFF**

General Note For Roads & Bridges Use Harmonized	Client Order #	Dept	Item	DOC NO	Project #	ORDER #	Rev	By	Checked	Date
					MX-L-2373	A19	0	Person		18/06/2023

Client Part List # All Items Are H.O.G.

Client Ref Dwg No

Mark	Qty	Position	Steel Grade	SECTION	Unit	Area	Unit	Qty	Total	Pos.	Mark	Total	Sheet	Remarks
LA/area	Weight	Mark	Qty	Height	Height	Weight	No							
Sheet No:-														
001	1	1	S235	Steel Deck 1000	mm	10	10	1	1	10				
											73	146		
002	2	12	S235	Steel Deck 1000	mm	10	10	1	2	20				
											73	292		
003	2	11	S235	Steel Deck 1000	mm	10	10	1	2	20				
											73	150		
004	2	12	S235	Steel Deck 1000	mm	10	10	1	2	20				
											73	151		
005	2	13	S235	Steel Deck 1000	mm	10	10	1	2	20				
											73	150		
006	2	14	S235	Steel Deck 1000	mm	10	10	1	2	20				
											73	152		
007	2	15	S235	Steel Deck 1000	mm	10	10	1	2	20				
											73	153		
008	2	16	S235	Steel Deck 1000	mm	10	10	1	2	20				
											73	154		
009	2	17	S235	Steel Deck 1000	mm	10	10	1	2	20				
											73	315		
010	2	18	S235	Steel Deck 1000	mm	10	10	1	2	20				
											80	150		
011	2	19	S235	Steel Deck 1000	mm	10	10	1	2	20				
											81	152		



## Metal Deck For A19-A20 Steel Bridge

General Nts For Roads & Bridges, Abu Hamour (2017)	Client Order #	Dept.	Item	DOC. NO.	Project #	ORDER #	Rev	By	Checked	Date
					MX-1-2373	A19	1	Release		09/06/2023

Client Part List # All Items Are H.D.G.

Client Ref Des No

Mat	Qty	Position	Steel Grade	SECTION	Unit L/Ansd	Area	Unit Weight	Qty/ Mark	Total Qty	Total Weight	Mark Weight	Total Weight	Sheet No	Remarks
400	1	4	Q235B	Steel Deck 2017	100	14	14.2	1	1	14				
400	1	4	Q235B	Steel Deck 2017	200	14	14.2	1	1	14	14	142		
400	1	4	Q235B	Steel Deck 2017	300	14	14.2	1	1	14	28	156		
400	1	4	Q235B	Steel Deck 2017	400	14	14.2	1	1	14	42	168		
400	1	4	Q235B	Steel Deck 2017	500	14	14.2	1	1	14	56	182		
400	1	4	Q235B	Steel Deck 2017	600	14	14.2	1	1	14	70	196		
400	1	4	Q235B	Steel Deck 2017	700	14	14.2	1	1	14	84	210		
400	1	4	Q235B	Steel Deck 2017	800	14	14.2	1	1	14	98	224		
400	1	4	Q235B	Steel Deck 2017	900	14	14.2	1	1	14	112	238		
400	1	4	Q235B	Steel Deck 2017	1000	14	14.2	1	1	14	126	252		
400	1	4	Q235B	Steel Deck 2017	1100	14	14.2	1	1	14	140	266		
400	1	4	Q235B	Steel Deck 2017	1200	14	14.2	1	1	14	154	280		
400	1	4	Q235B	Steel Deck 2017	1300	14	14.2	1	1	14	168	294		
400	1	4	Q235B	Steel Deck 2017	1400	14	14.2	1	1	14	182	308		
400	1	4	Q235B	Steel Deck 2017	1500	14	14.2	1	1	14	196	322		
400	1	4	Q235B	Steel Deck 2017	1600	14	14.2	1	1	14	210	336		
400	1	4	Q235B	Steel Deck 2017	1700	14	14.2	1	1	14	224	350		
400	1	4	Q235B	Steel Deck 2017	1800	14	14.2	1	1	14	238	364		
400	1	4	Q235B	Steel Deck 2017	1900	14	14.2	1	1	14	252	378		
400	1	4	Q235B	Steel Deck 2017	2000	14	14.2	1	1	14	266	392		
400	1	4	Q235B	Steel Deck 2017	2100	14	14.2	1	1	14	280	406		
400	1	4	Q235B	Steel Deck 2017	2200	14	14.2	1	1	14	294	420		
400	1	4	Q235B	Steel Deck 2017	2300	14	14.2	1	1	14	308	434		
400	1	4	Q235B	Steel Deck 2017	2400	14	14.2	1	1	14	322	448		
400	1	4	Q235B	Steel Deck 2017	2500	14	14.2	1	1	14	336	462		
400	1	4	Q235B	Steel Deck 2017	2600	14	14.2	1	1	14	350	476		
400	1	4	Q235B	Steel Deck 2017	2700	14	14.2	1	1	14	364	490		
400	1	4	Q235B	Steel Deck 2017	2800	14	14.2	1	1	14	378	504		
400	1	4	Q235B	Steel Deck 2017	2900	14	14.2	1	1	14	392	518		
400	1	4	Q235B	Steel Deck 2017	3000	14	14.2	1	1	14	406	532		
400	1	4	Q235B	Steel Deck 2017	3100	14	14.2	1	1	14	420	546		
400	1	4	Q235B	Steel Deck 2017	3200	14	14.2	1	1	14	434	560		
400	1	4	Q235B	Steel Deck 2017	3300	14	14.2	1	1	14	448	574		
400	1	4	Q235B	Steel Deck 2017	3400	14	14.2	1	1	14	462	588		
400	1	4	Q235B	Steel Deck 2017	3500	14	14.2	1	1	14	476	602		
400	1	4	Q235B	Steel Deck 2017	3600	14	14.2	1	1	14	490	616		
400	1	4	Q235B	Steel Deck 2017	3700	14	14.2	1	1	14	504	630		
400	1	4	Q235B	Steel Deck 2017	3800	14	14.2	1	1	14	518	644		
400	1	4	Q235B	Steel Deck 2017	3900	14	14.2	1	1	14	532	658		
400	1	4	Q235B	Steel Deck 2017	4000	14	14.2	1	1	14	546	672		
400	1	4	Q235B	Steel Deck 2017	4100	14	14.2	1	1	14	560	686		
400	1	4	Q235B	Steel Deck 2017	4200	14	14.2	1	1	14	574	700		
400	1	4	Q235B	Steel Deck 2017	4300	14	14.2	1	1	14	588	714		
400	1	4	Q235B	Steel Deck 2017	4400	14	14.2	1	1	14	602	728		
400	1	4	Q235B	Steel Deck 2017	4500	14	14.2	1	1	14	616	742		
400	1	4	Q235B	Steel Deck 2017	4600	14	14.2	1	1	14	630	756		
400	1	4	Q235B	Steel Deck 2017	4700	14	14.2	1	1	14	644	770		
400	1	4	Q235B	Steel Deck 2017	4800	14	14.2	1	1	14	658	784		
400	1	4	Q235B	Steel Deck 2017	4900	14	14.2	1	1	14	672	798		
400	1	4	Q235B	Steel Deck 2017	5000	14	14.2	1	1	14	686	812		
400	1	4	Q235B	Steel Deck 2017	5100	14	14.2	1	1	14	700	826		
400	1	4	Q235B	Steel Deck 2017	5200	14	14.2	1	1	14	714	840		
400	1	4	Q235B	Steel Deck 2017	5300	14	14.2	1	1	14	728	854		
400	1	4	Q235B	Steel Deck 2017	5400	14	14.2	1	1	14	742	868		
400	1	4	Q235B	Steel Deck 2017	5500	14	14.2	1	1	14	756	882		
400	1	4	Q235B	Steel Deck 2017	5600	14	14.2	1	1	14	770	896		
400	1	4	Q235B	Steel Deck 2017	5700	14	14.2	1	1	14	784	910		
400	1	4	Q235B	Steel Deck 2017	5800	14	14.2	1	1	14	798	924		
400	1	4	Q235B	Steel Deck 2017	5900	14	14.2	1	1	14	812	938		
400	1	4	Q235B	Steel Deck 2017	6000	14	14.2	1	1	14	826	952		
400	1	4	Q235B	Steel Deck 2017	6100	14	14.2	1	1	14	840	966		
400	1	4	Q235B	Steel Deck 2017	6200	14	14.2	1	1	14	854	980		
400	1	4	Q235B	Steel Deck 2017	6300	14	14.2	1	1	14	868	994		
400	1	4	Q235B	Steel Deck 2017	6400	14	14.2	1	1	14	882	1008		
400	1	4	Q235B	Steel Deck 2017	6500	14	14.2	1	1	14	896	1022		
400	1	4	Q235B	Steel Deck 2017	6600	14	14.2	1	1	14	910	1036		
400	1	4	Q235B	Steel Deck 2017	6700	14	14.2	1	1	14	924	1050		
400	1	4	Q235B	Steel Deck 2017	6800	14	14.2	1	1	14	938	1064		
400	1	4	Q235B	Steel Deck 2017	6900	14	14.2	1	1	14	952	1078		
400	1	4	Q235B	Steel Deck 2017	7000	14	14.2	1	1	14	966	1092		
400	1	4	Q235B	Steel Deck 2017	7100	14	14.2	1	1	14	980	1106		
400	1	4	Q235B	Steel Deck 2017	7200	14	14.2	1	1	14	994	1120		
400	1	4	Q235B	Steel Deck 2017	7300	14	14.2	1	1	14	1008	1134		
400	1	4	Q235B	Steel Deck 2017	7400	14	14.2	1	1	14	1022	1148		
400	1	4	Q235B	Steel Deck 2017	7500	14	14.2	1	1	14	1036	1162		
400	1	4	Q235B	Steel Deck 2017	7600	14	14.2	1	1	14	1050	1176		
400	1	4	Q235B	Steel Deck 2017	7700	14	14.2	1	1	14	1064	1190		
400	1	4	Q235B	Steel Deck 2017	7800	14	14.2	1	1	14	1078	1204		
400	1	4	Q235B	Steel Deck 2017	7900	14	14.2	1	1	14	1092	1218		
400	1	4	Q235B	Steel Deck 2017	8000	14	14.2	1	1	14	1106	1232		
400	1	4	Q235B	Steel Deck 2017	8100	14	14.2	1	1	14	1120	1246		
400	1	4	Q235B	Steel Deck 2017	8200	14	14.2	1	1	14	1134	1260		
400	1	4	Q235B	Steel Deck 2017	8300	14	14.2	1	1	14	1148	1274		
400	1	4	Q235B	Steel Deck 2017	8400	14	14.2	1	1	14	1162	1288		
400	1	4	Q235B	Steel Deck 2017	8500	14	14.2	1	1	14	1176	1302		
400	1	4	Q235B	Steel Deck 2017	8600	14	14.2	1	1	14	1190	1316		
400	1	4	Q235B	Steel Deck 2017	8700	14	14.2	1	1	14	1204	1330		
400	1	4	Q235B	Steel Deck 2017	8800	14	14.2	1	1	14	1218	1344		
400	1	4	Q235B	Steel Deck 2017	8900	14	14.2	1	1	14	1232	1358		
400	1	4	Q235B	Steel Deck 2017	9000	14	14.2	1	1	14	1246	1372		
400	1	4	Q235B	Steel Deck 2017	9100	14	14.2	1	1	14	1260	1386		
400	1	4	Q235B	Steel Deck 2017	9200	14	14.2	1	1	14	1274	1400		
400	1	4	Q235B	Steel Deck 2017	9300	14	14.2	1	1	14	1288	1414		
400	1	4	Q235B	Steel Deck 2017	9400	14	14.2	1	1	14	1302	1428		
400	1	4	Q235B	Steel Deck 2017	9500	14	14.2	1	1	14	1316	1442		
400	1	4	Q235B	Steel Deck 2017	9600	14	14.2	1	1	14	1330	1456		
400	1	4	Q235B	Steel Deck 2017	9700	14	14.2	1	1	14	1344	1470		
400	1	4	Q235B	Steel Deck 2017	9800	14	14.2	1	1	14	1358	1484		
400	1	4	Q235B	Steel Deck 2017	9900	14	14.2	1	1	14	1372	1498		
400	1	4	Q235B	Steel Deck 2017	10000	14	14.2	1	1	14	1386	1512		

### Meeting Dates For A.T.S. 2009 Board Session

Contract No. for Work & Budget (see Remarks)	Class Order #	Dept.	Item	DOC No.	Project #	BUDGET #	Rev.	By	Checked	Date
					W&B 1271	400	1	Johnson		10/10/01

©2009 Apple Inc. All Rights Reserved. Apple, the Apple logo, and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries. iPhone is a trademark of Apple Inc. in the U.S. and other countries. All other marks are the property of their respective owners.

11/11/2019 11:11:11 AM

Dist	Qty	Position	Steel Grade	SECTION	Unit Length	Area	Unit Weight	Qty Mark	Total Qty	Pos Weight	Mark Weight	Total Weight	Sheet No.	Remarks
100	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
101	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
102	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
103	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
104	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
105	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
106	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
107	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
108	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
109	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
110	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
111	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
112	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
113	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
114	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
115	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
116	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
117	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
118	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
119	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
120	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
121	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
122	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
123	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
124	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
125	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
126	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
127	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
128	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
129	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
130	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
131	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
132	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
133	1	1	100A	SECTION 100A	100	1.0	100	1	1	100	100	100	1	
134	1													

Release No: 0001

SHEET NO: -

MX-L-2173-A19-0901

IFF

## Metal Deck For A19-A20 Steel Bridge

General Note For Items & Bridges Also Items (LTS)	Client Order #	Dept.	Item	DOC. NO.	Project #	ORDER #	Rev	By	Checked	Date
					MX-L-2071	A19	1	Engineer		18/04/2021

Client Part List #. All Items Are H.D.G.

Client Ref. Draw No.

Mark	Qty	Position	Steel Grade	SECTION	Unit L/ft/m	Area	Unit Weight	Qty Mark	Total Qty	Pos. Weight	Mark Weight	Total Weight	Sheet No.	Remarks
400	4	1"	Q235B	Steel Deck 2011	140	11	14.1	1	4	56				
											01	132		
401	4	1"	Q235B	Steel Deck 2011	140	17	15.1	1	4	56				
											02	145		
402	4	1"	Q235B	Steel Deck 2011	140	17	15.1	1	4	56				
											03	142		
403	4	1"	Q235B	Steel Deck 2011	140	13	15.1	1	4	56				
											04	143		
404	4	1"	Q235B	Steel Deck 2011	140	17	15.1	1	4	56				
											05	144		
405	4	1"	Q235B	Steel Deck 2011	140	17	15.1	1	4	56				
											06	154		
406	4	1"	Q235B	Steel Deck 2011	140	17	15.1	1	4	56				
											07	151		
407	4	1"	Q235B	Steel Deck 2011	140	17	15.1	1	4	56				
											08	157		
408	4	1"	Q235B	Steel Deck 2011	140	17	15.1	1	4	56				
											09	163		
409	4	1"	Q235B	Steel Deck 2011	140	17	15.1	1	4	56				
											10	162		
410	4	1"	Q235B	Steel Deck 2011	140	17	15.1	1	4	56				
											11	161		
411	4	1"	Q235B	Steel Deck 2011	140	17	15.1	1	4	56				
											12	171		
412	4	1"	Q235B	Steel Deck 2011	140	17	15.1	1	4	56				
											13	175		
413	4	1"	Q235B	Steel Deck 2011	140	17	15.1	1	4	56				
											14	175		
414	4	1"	Q235B	Steel Deck 2011	140	17	15.1	1	4	56				
											15	175		

Wednesday, September 29, 2021

IFF

Page 1 of 11





## Metal Deck For A19-A20 Steel Bridge

Contract No. For Roads & Bridges, Abu Dhabi (117)	Client Order #	Page	Date	Doc. NO	Project #	ORDER #	Rev	By	Checked	Date
					MX-L-0113	A19	1	Amr		11/01/2021

Client Part List B: All Items Are H.D.G.

Client Ref Desig No

Mark	Qty	Position	Steel Grade	SECTION	Unit Length	Area	Unit Weight	Qty Mark	Total Qty	Pos. Weight	Mark Weight	Total Weight	Steel No.	Remarks
400	1	1	SS400	Steel Deck 2000	200	18	147	1	1	18				
400	1	2	SS400	Steel Deck 2000	200	18	147	1	1	18	66	158		
400	1	3	SS400	Steel Deck 2000	200	18	147	1	1	18	82	210		
400	1	4	SS400	Steel Deck 2000	200	18	147	1	1	18	85	218		
400	1	5	SS400	Steel Deck 2000	200	17	147	1	1	18	28	78		
400	1	6	SS400	Steel Deck 2000	200	17	147	1	1	18	47	84		
400	1	7	SS400	Steel Deck 2000	200	17	147	1	1	18	47	84		
400	1	8	SS400	Steel Deck 2000	200	17	147	1	1	18	48	82		
400	1	9	SS400	Steel Deck 2000	200	17	147	1	1	18	48	180		
400	1	10	SS400	Steel Deck 2000	200	17	147	1	1	18	48	83		
400	1	11	SS400	Steel Deck 2000	200	18	147	1	1	18	44	88		
400	1	12	SS400	Steel Deck 2000	200	18	147	1	1	18	43	85		
400	1	13	SS400	Steel Deck 2000	200	18	147	1	1	18	42	84		
400	1	14	SS400	Steel Deck 2000	200	18	147	1	1	18	41	82		
400	1	15	SS400	Steel Deck 2000	200	18	147	1	1	18	41	82		



Metal Deck For A19-A20 Steel Bridge

General Note For Roads & Bridges And Housing	Client Order #	Page	Item	MO/L	Project #	ORDER #	Rev	By	Checked	Date
				NO.	MO-L-2373	A19	1	Engineer		10/10/2021

Client Part List # All Items Are H.D.G.

Client Ref Dig No

Matr	Qty	Position	Steel Grade	SECTION	Unit	Area	Unit Weight	Qty	Total Qty	Pos. Weight	Max Weight	Total Weight	Sheet No.	Remarks
MO-L	1	1-1	MO-L	MO-L-2373	mm	32	4.4	1	1	4.4				
MO-L	2	1-2	MO-L	MO-L-2373	mm	21	3.2	2	2	6.4	42	87		
MO-L	3	1-3	MO-L	MO-L-2373	mm	27	3.6	3	3	10.8	45	91		
MO-L	4	1-4	MO-L	MO-L-2373	mm	27	3.6	4	4	14.4	48	92		
MO-L	5	1-5	MO-L	MO-L-2373	mm	29	4.0	5	5	20.0	50	100		
MO-L	6	1-6	MO-L	MO-L-2373	mm	29	4.0	6	6	24.0	52	105		
MO-L	7	1-7	MO-L	MO-L-2373	mm	31	4.4	7	7	30.8	54	108		
MO-L	8	1-8	MO-L	MO-L-2373	mm	31	4.4	8	8	35.2	56	112		
MO-L	9	1-9	MO-L	MO-L-2373	mm	33	4.8	9	9	43.2	58	117		
MO-L	10	1-10	MO-L	MO-L-2373	mm	33	4.8	10	10	48.0	60	120		
MO-L	11	1-11	MO-L	MO-L-2373	mm	35	5.2	11	11	57.2	62	125		
MO-L	12	1-12	MO-L	MO-L-2373	mm	35	5.2	12	12	62.4	64	130		
MO-L	13	1-13	MO-L	MO-L-2373	mm	37	5.6	13	13	72.8	66	135		
MO-L	14	1-14	MO-L	MO-L-2373	mm	37	5.6	14	14	78.4	68	140		
MO-L	15	1-15	MO-L	MO-L-2373	mm	39	6.0	15	15	90.0	70	145		
MO-L	16	1-16	MO-L	MO-L-2373	mm	39	6.0	16	16	96.0	72	150		
MO-L	17	1-17	MO-L	MO-L-2373	mm	41	6.4	17	17	108.8	74	155		
MO-L	18	1-18	MO-L	MO-L-2373	mm	41	6.4	18	18	115.2	76	160		
MO-L	19	1-19	MO-L	MO-L-2373	mm	43	6.8	19	19	129.2	78	165		
MO-L	20	1-20	MO-L	MO-L-2373	mm	43	6.8	20	20	136.0	80	170		
MO-L	21	1-21	MO-L	MO-L-2373	mm	45	7.2	21	21	151.2	82	175		
MO-L	22	1-22	MO-L	MO-L-2373	mm	45	7.2	22	22	158.4	84	180		
MO-L	23	1-23	MO-L	MO-L-2373	mm	47	7.6	23	23	174.8	86	185		
MO-L	24	1-24	MO-L	MO-L-2373	mm	47	7.6	24	24	182.4	88	190		
MO-L	25	1-25	MO-L	MO-L-2373	mm	49	8.0	25	25	200.0	90	195		
MO-L	26	1-26	MO-L	MO-L-2373	mm	49	8.0	26	26	208.0	92	200		
MO-L	27	1-27	MO-L	MO-L-2373	mm	51	8.4	27	27	226.8	94	205		
MO-L	28	1-28	MO-L	MO-L-2373	mm	51	8.4	28	28	235.2	96	210		
MO-L	29	1-29	MO-L	MO-L-2373	mm	53	8.8	29	29	255.2	98	215		
MO-L	30	1-30	MO-L	MO-L-2373	mm	53	8.8	30	30	264.0	100	220		



## Metal Deck For A19-A20 Steel Bridge

Issued For: Road & Bridges/Highway/Structure	Client Order #	Days	Item	DOC	Project #	ORDER #	Rev	By	Checked	Date
				NO	MX-1-2023	A19	1	Issued		2023/05/01

Client Part Name: A19-A20 Steel Bridge

Client Ref. Draw No.

Item	Qty	Position	Steel Grade	SECTION	Unit Area	Area	Unit Weight	Qty Bar	Total Qty	Pos. Height	Bar Height	Total Length	Sheet No.	Remarks
401	1	10	SS400	Section 200	40	14	30	1	1	4				
402	1	10	SS400	Section 200	50	16	32	1	1	4	40	40		
403	1	10	SS400	Section 200	60	17	34	1	1	4	40	40		
404	1	10	SS400	Section 200	70	17	34	1	1	4	40	40		
405	1	10	SS400	Section 200	80	17	34	1	1	4	40	40		
406	1	10	SS400	Section 200	90	17	34	1	1	4	40	40		
407	1	10	SS400	Section 200	100	17	34	1	1	4	40	40		
408	1	10	SS400	Section 200	110	17	34	1	1	4	40	40		
409	1	10	SS400	Section 200	120	17	34	1	1	4	40	40		
410	1	10	SS400	Section 200	130	17	34	1	1	4	40	40		
411	1	10	SS400	Section 200	140	17	34	1	1	4	40	40		
412	1	10	SS400	Section 200	150	17	34	1	1	4	40	40		
413	1	10	SS400	Section 200	160	17	34	1	1	4	40	40		
414	1	10	SS400	Section 200	170	17	34	1	1	4	40	40		
415	1	10	SS400	Section 200	180	17	34	1	1	4	40	40		
416	1	10	SS400	Section 200	190	17	34	1	1	4	40	40		
417	1	10	SS400	Section 200	200	17	34	1	1	4	40	40		
418	1	10	SS400	Section 200	210	17	34	1	1	4	40	40		
419	1	10	SS400	Section 200	220	17	34	1	1	4	40	40		
420	1	10	SS400	Section 200	230	17	34	1	1	4	40	40		
421	1	10	SS400	Section 200	240	17	34	1	1	4	40	40		
422	1	10	SS400	Section 200	250	17	34	1	1	4	40	40		
423	1	10	SS400	Section 200	260	17	34	1	1	4	40	40		
424	1	10	SS400	Section 200	270	17	34	1	1	4	40	40		
425	1	10	SS400	Section 200	280	17	34	1	1	4	40	40		
426	1	10	SS400	Section 200	290	17	34	1	1	4	40	40		
427	1	10	SS400	Section 200	300	17	34	1	1	4	40	40		
428	1	10	SS400	Section 200	310	17	34	1	1	4	40	40		
429	1	10	SS400	Section 200	320	17	34	1	1	4	40	40		
430	1	10	SS400	Section 200	330	17	34	1	1	4	40	40		
431	1	10	SS400	Section 200	340	17	34	1	1	4	40	40		
432	1	10	SS400	Section 200	350	17	34	1	1	4	40	40		
433	1	10	SS400	Section 200	360	17	34	1	1	4	40	40		
434	1	10	SS400	Section 200	370	17	34	1	1	4	40	40		
435	1	10	SS400	Section 200	380	17	34	1	1	4	40	40		
436	1	10	SS400	Section 200	390	17	34	1	1	4	40	40		
437	1	10	SS400	Section 200	400	17	34	1	1	4	40	40		
438	1	10	SS400	Section 200	410	17	34	1	1	4	40	40		
439	1	10	SS400	Section 200	420	17	34	1	1	4	40	40		
440	1	10	SS400	Section 200	430	17	34	1	1	4	40	40		
441	1	10	SS400	Section 200	440	17	34	1	1	4	40	40		
442	1	10	SS400	Section 200	450	17	34	1	1	4	40	40		
443	1	10	SS400	Section 200	460	17	34	1	1	4	40	40		
444	1	10	SS400	Section 200	470	17	34	1	1	4	40	40		
445	1	10	SS400	Section 200	480	17	34	1	1	4	40	40		
446	1	10	SS400	Section 200	490	17	34	1	1	4	40	40		
447	1	10	SS400	Section 200	500	17	34	1	1	4	40	40		
448	1	10	SS400	Section 200	510	17	34	1	1	4	40	40		
449	1	10	SS400	Section 200	520	17	34	1	1	4	40	40		
450	1	10	SS400	Section 200	530	17	34	1	1	4	40	40		
451	1	10	SS400	Section 200	540	17	34	1	1	4	40	40		
452	1	10	SS400	Section 200	550	17	34	1	1	4	40	40		
453	1	10	SS400	Section 200	560	17	34	1	1	4	40	40		
454	1	10	SS400	Section 200	570	17	34	1	1	4	40	40		
455	1	10	SS400	Section 200	580	17	34	1	1	4	40	40		
456	1	10	SS400	Section 200	590	17	34	1	1	4	40	40		
457	1	10	SS400	Section 200	600	17	34	1	1	4	40	40		
458	1	10	SS400	Section 200	610	17	34	1	1	4	40	40		
459	1	10	SS400	Section 200	620	17	34	1	1	4	40	40		
460	1	10	SS400	Section 200	630	17	34	1	1	4	40	40		
461	1	10	SS400	Section 200	640	17	34	1	1	4	40	40		
462	1	10	SS400	Section 200	650	17	34	1	1	4	40	40		
463	1	10	SS400	Section 200	660	17	34	1	1	4	40	40		
464	1	10	SS400	Section 200	670	17	34	1	1	4	40	40		
465	1	10	SS400	Section 200	680	17	34	1	1	4	40	40		
466	1	10	SS400	Section 200	690	17	34	1	1	4	40	40		
467	1	10	SS400	Section 200	700	17	34	1	1	4	40	40		
468	1	10	SS400	Section 200	710	17	34	1	1	4	40	40		
469	1	10	SS400	Section 200	720	17	34	1	1	4	40	40		
470	1	10	SS400	Section 200	730	17	34	1	1	4	40	40		
471	1	10	SS400	Section 200	740	17	34	1	1	4	40	40		
472	1	10	SS400	Section 200	750	17	34	1	1	4	40	40		
473	1	10	SS400	Section 200	760	17	34	1	1	4	40	40		
474	1	10	SS400	Section 200	770	17	34	1	1	4	40	40		
475	1	10	SS400	Section 200	780	17	34	1	1	4	40	40		
476	1	10	SS400	Section 200	790	17	34	1	1	4	40	40		
477	1	10	SS400	Section 200	800	17	34	1	1	4	40	40		
478	1	10	SS400	Section 200	810	17	34	1	1	4	40	40		
479	1	10	SS400	Section 200	820	17	34	1	1	4	40	40		
480	1	10	SS400	Section 200	830	17	34	1	1	4	40	40		
481	1	10	SS400	Section 200	840	17	34	1	1	4	40	40		
482	1	10	SS400	Section 200	850	17	34	1	1	4	40	40		
483	1	10	SS400	Section 200	860	17	34	1	1	4	40	40		
484	1	10	SS400	Section 200	870	17	34	1	1	4	40	40		
485	1	10	SS400	Section 200	880	17	34	1	1	4	40	40		
486	1	10	SS400	Section 200	890	17	34	1	1	4	40	40		
487	1	10	SS400	Section 200	900	17	34	1	1	4	40	40		
488	1	10	SS400	Section 200	910	17	34	1	1	4	40	40		
489	1	10	SS400	Section 200	920	17	34	1	1	4	40	40		
490	1	10	SS400	Section 200	930	17	34	1	1	4	40	40		
491	1	10	SS400	Section 200	940	17	34	1	1	4	40	40		
492	1	10	SS400	Section 200	950	17	34	1	1	4	40	40		
493	1	10	SS400	Section 200	960	17	34	1	1	4	40	40		
494	1	10	SS400	Section 200	970	17	34	1	1	4	40	40		
495	1	10	SS400	Section 200	980	17	34	1	1	4	40	40		
496	1	10	SS400	Section 200	990	17	34	1	1	4	40	40		
497	1	10	SS400	Section 200	1000	17	34	1	1	4	40	40		
498	1	10	SS400	Section 200	1010	17	34	1	1	4	40	40		
499	1	10	SS400	Section 200	1020	17	34	1	1	4	40	40		
500	1	10	SS400	Section 200	1030	17	34	1	1	4	40	40		
501	1	10	SS400	Section 200	1040	17	34	1	1	4	40	40		
502	1	10	SS400	Section 200	1050	17	34	1	1	4	40	40		
503	1	10	SS400	Section 200	1060	17	34	1	1	4	40	40		

## Metal Deck For A19-A20 Steel Bridge

General Note For Roads & Bridges (See Items 1237)	Client Order #	Dept.	Item	DWG. NO.	Project #	ORDER #	Rev	By	Checked	Date
					MX-1-2371	A19	0			08/04/2023

Client Part List # All Items Are H.D.G.

Client Ref Dwg No

Mat	Qty	Position	Steel Grade	SECTION	Unit L/Long	Area	Unit Weight	Qty/Total Mark	Pos. Qty	Max Weight	Total Weight	Sheet No	Remarks
-----	-----	----------	-------------	---------	-------------	------	-------------	----------------	----------	------------	--------------	----------	---------

Total Weight = 20,387 Kg

Total Area = 704 M<sup>2</sup>Grating Total Area = 0 M<sup>2</sup>

Handwritten signature and date: 15/04/23


**energysa**  
 Energy & Power Solutions

( 001 2023 )

 Technical Department  
 Issued For construction

بيان الأعمال بالمستخلص رقم : (١٩) जारी  
عملية : إنشاء كوبري منزلان أبو حمص العلوي

رقم البند وبيانه : (٢٧)  
بالمتن الطولي لزوم أعمال الليوجرمي من الخرسانة العادية وجه واحد بارتفاع ٨٠ سم واجهات لا يقل عن ٢٥٠ كجم /م<sup>٢</sup>  
مضاف عليها فاير ٩ كجم /م<sup>٢</sup>

تنفيذ شركة : النيل العامة للطرق والكباري

الكمية بالمقايضة المجددة رقم ١	٢٠٠٠ م.م	مقدار العمل السابق	الكمية بالمقايضة
بيان الأعمال بالمقايضة	الطول (م.م)	العدد	الإجمالي (م.م)
لزوم منزل أبو حمص أعلى البرنج	٣٠١	١	٣٠١
لزوم مطلع أبو حمص أعلى البرنج	٣٣٤	١	٣٣٤
لزوم منزل الكوبري بعد B7	٤٤	١	٤٤
لزوم مطلع الكوبري قبل C11	١٤٥	١	١٤٥
(الإجمالي ( بالطن )			٨٠٠
إجمالي ما تم تنفيذه حتى تاريخه		٨٠٠	
إجمالي الكمية المدرجة بالمستخلص السابق		٨٠٠	
الكمية المدرجة بالمستخلص خلال مدة		٨٠٠	
إجمالي الكمية المدرجة بالمستخلص الحالي		٨٠٠	

عن الشركة

عن الاستشاري

عن الشركة

عن الاستشاري

www.oxfordjournals.org/doi/10.1093/oxfordjournals/med.1000000

[illegible]

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

[illegible]

1990-1991

University of Illinois at Chicago

100

100



**Figure 1**

100



1000

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

**WILLIAM S. KATZ**, President, American Psychological Association

100

THE UNIVERSITY OF CHICAGO

100

Journal of Management Inquiry 20(4)

3

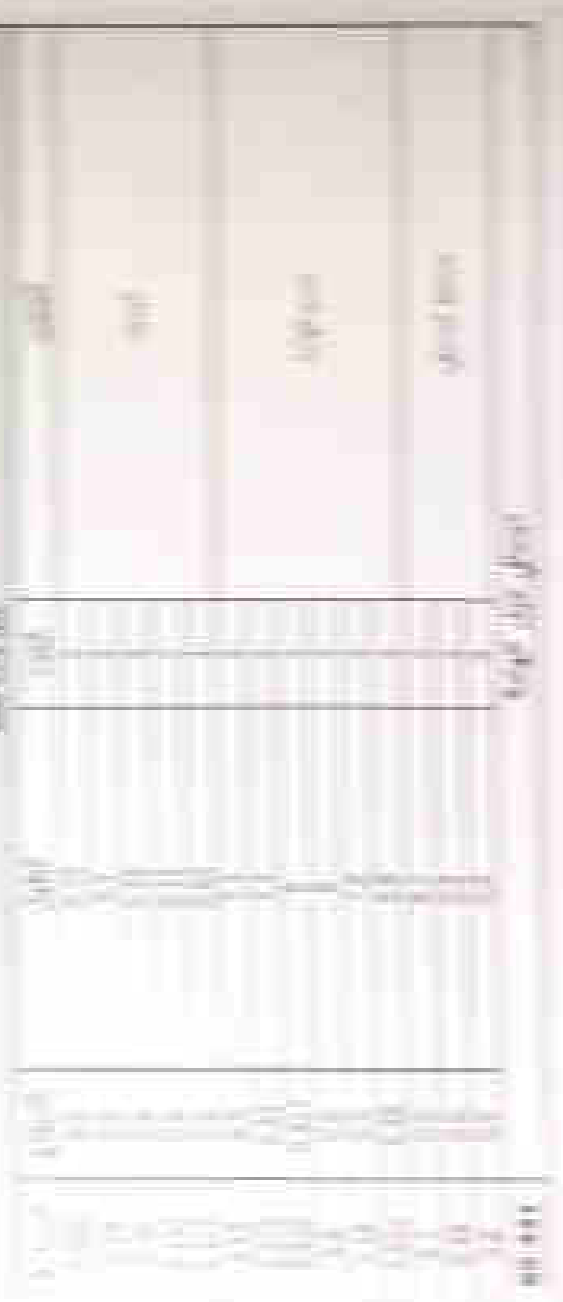
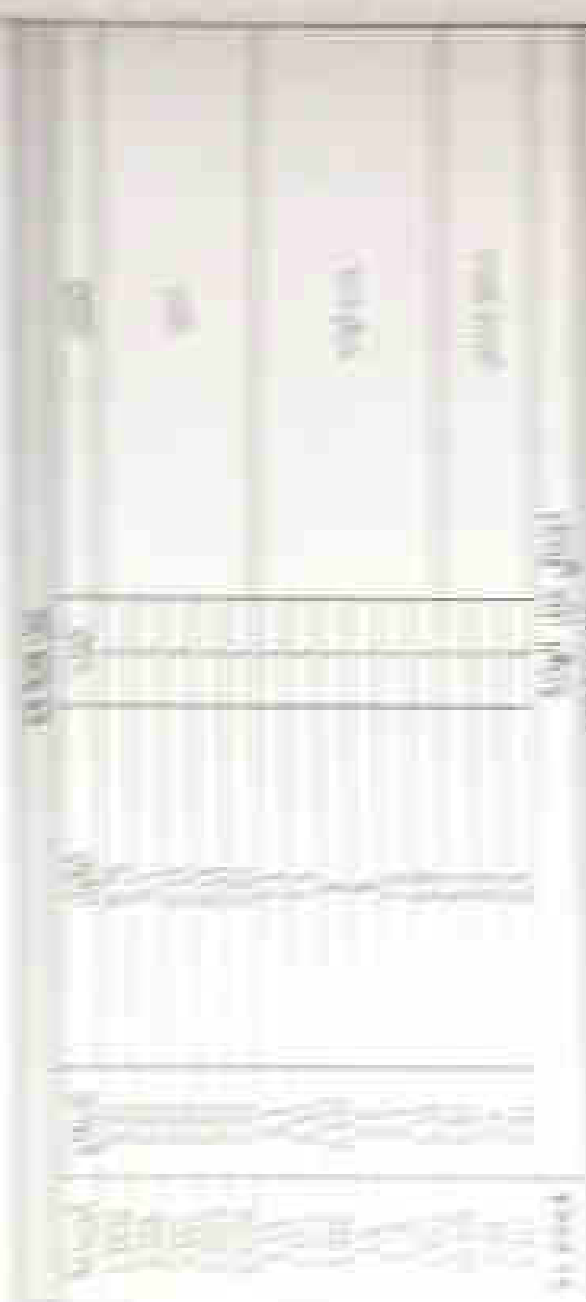
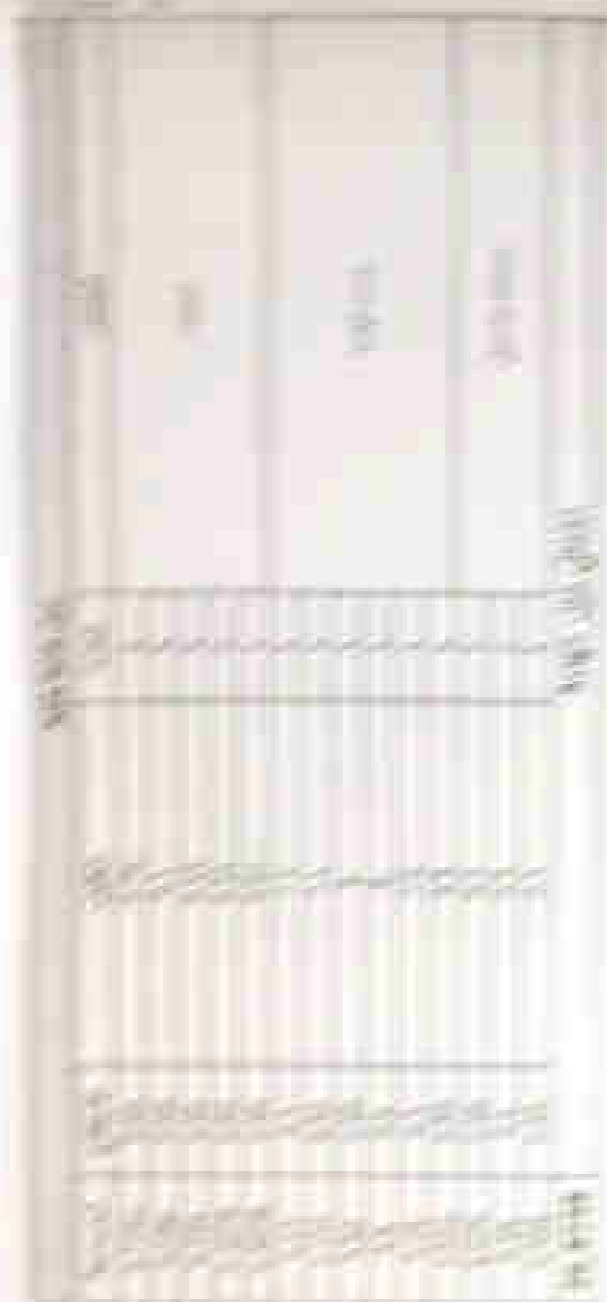
100



5

Mr. Gb





مخطط جيولوجي

المسوحه

عزل خامسة 85			
المتاح	الارتفاع	الطول	العدد
0.348	0.8	0.79	1
0.24	0.8	0.1	8
0.36	0.8	0.15	4
0.332	0.8	0.11	2
0.372	0.8	0.62	1
1.13	0.8	7.1	1
1.272	0.32	7.1	1
1.416	1.417	8	1
4.8	0.8	8	1
2.18	0.3	7.8	1
1.852	0.39	4.8	1
6.2	0.5	6.2	1
6.48	0.3	0.4	2
0.6	0.3	0.4	1
اجمالي عزل الهامة			27.087

عزل المنطقة الارض الزراعية			
المتاح	الارتفاع	محيط الميود	عدد الاسعة
118.733	0.5	6.428	77
اجمالي عزل المنطقة الارض الزراعية			118.733

عائدة

Handwritten signature



الهيئة العامة للغذاء والدواء  
السلطنة

الهيئة العامة للغذاء والدواء  
السلطنة

الهيئة العامة للغذاء والدواء  
السلطنة

الهيئة العامة للغذاء والدواء  
السلطنة

الهيئة العامة للغذاء والدواء  
السلطنة

الرقم	الاسم	العدد	البيانات		ملاحظات
			الاسم	العدد	
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20

الإجمالي (مجموع)

1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20

الهيئة العامة للغذاء والدواء  
السلطنة

الهيئة العامة للغذاء والدواء  
السلطنة

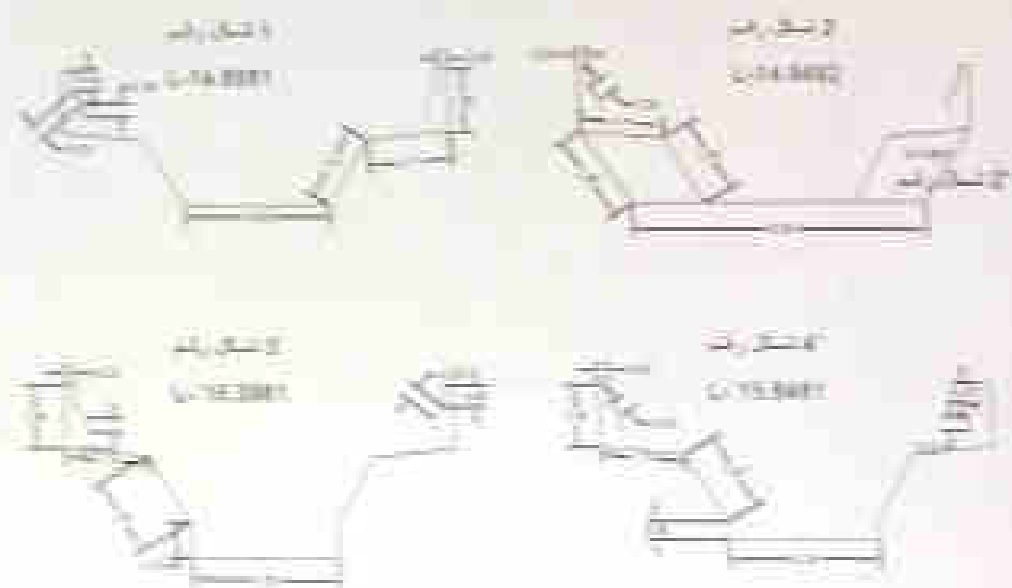
الهيئة العامة للغذاء والدواء  
السلطنة

وزارة التعليم  
 الهيئة العامة للتحريات والتعليم  
 الهيئة العامة للتحريات والتعليم

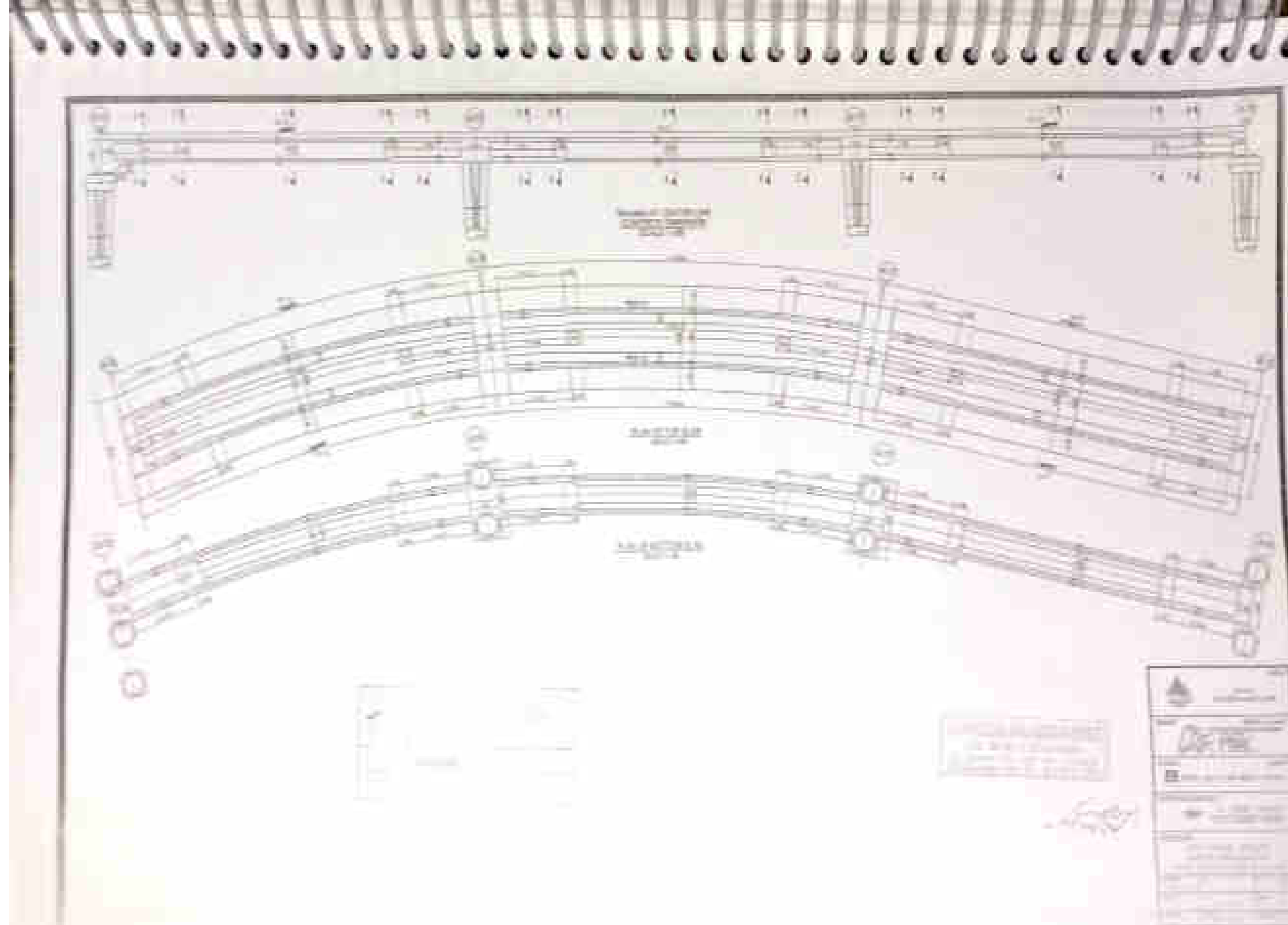
*Dr. E. C. Smith*

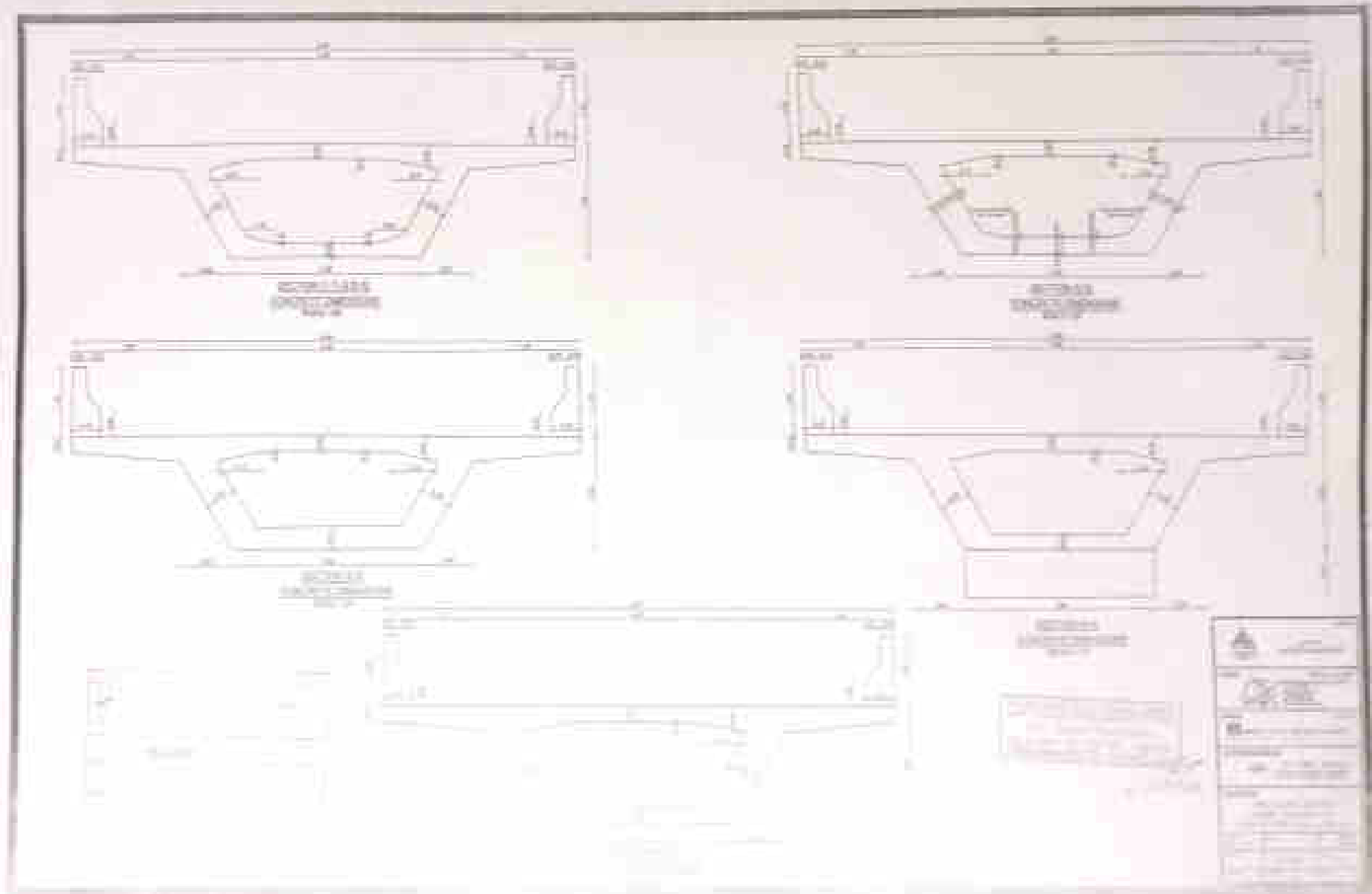
1998





16-19

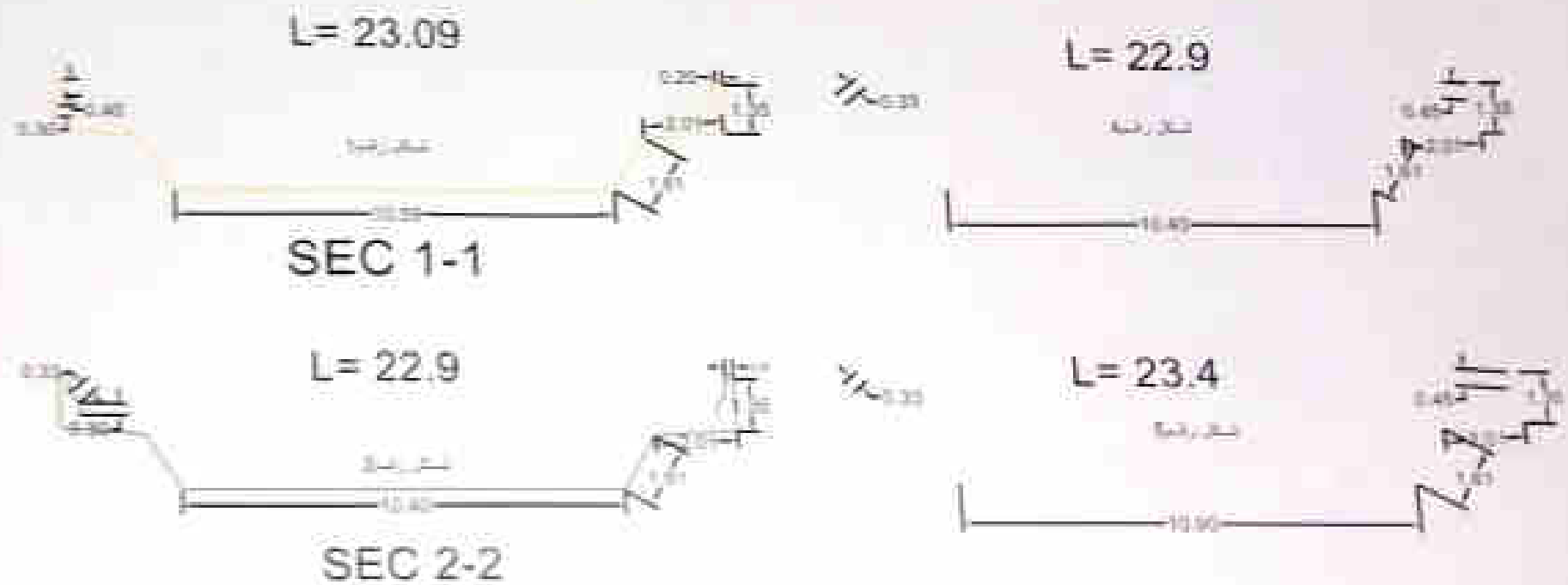




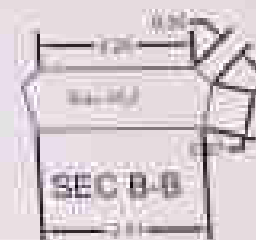


111.  $\frac{1}{2} \times 100 = 50$  percent  
112.  $\frac{1}{2} \times 100 = 50$  percent

[illegible][illegible]



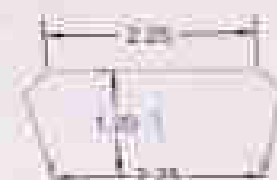
A4-5



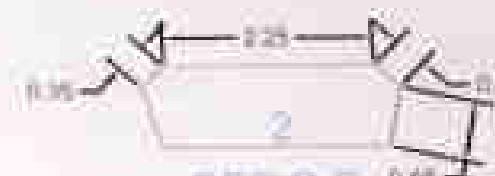
Fram A4



Frame A5



SEC A-A



SEC B-B



SEC C-C

السلطنة العامة

السلطنة العامة  
البحرينية العامة  
البحرينية العامة  
البحرينية العامة

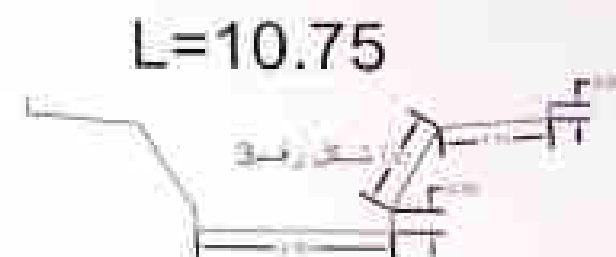
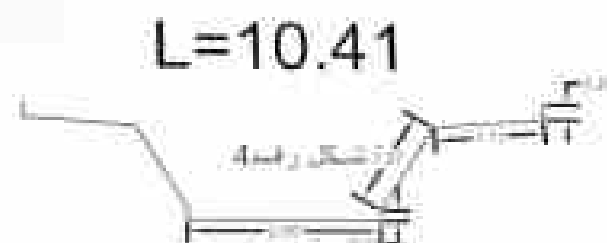
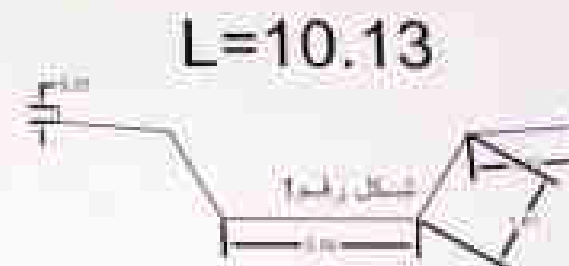
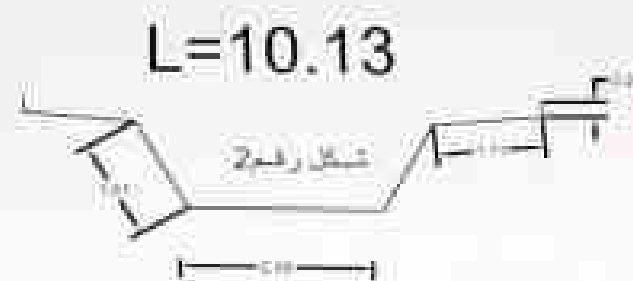
Frame AS-A7									
السلطنة العامة	السلطنة العامة	السلطنة العامة	السلطنة العامة	السلطنة العامة	السلطنة العامة	السلطنة العامة	السلطنة العامة	السلطنة العامة	السلطنة العامة
210.0250	210.0250	210.0250	210.0250	210.0250	210.0250	210.0250	210.0250	210.0250	210.0250
10.3817	10.3817	10.3817	10.3817	10.3817	10.3817	10.3817	10.3817	10.3817	10.3817
4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
10.1281	10.1281	10.1281	10.1281	10.1281	10.1281	10.1281	10.1281	10.1281	10.1281
10.7417	10.7417	10.7417	10.7417	10.7417	10.7417	10.7417	10.7417	10.7417	10.7417
18.7000	18.7000	18.7000	18.7000	18.7000	18.7000	18.7000	18.7000	18.7000	18.7000
22.5000	22.5000	22.5000	22.5000	22.5000	22.5000	22.5000	22.5000	22.5000	22.5000
30.7.2042	30.7.2042	30.7.2042	30.7.2042	30.7.2042	30.7.2042	30.7.2042	30.7.2042	30.7.2042	30.7.2042

Frame A7									
السلطنة العامة	السلطنة العامة	السلطنة العامة	السلطنة العامة	السلطنة العامة	السلطنة العامة	السلطنة العامة	السلطنة العامة	السلطنة العامة	السلطنة العامة
10.1281	10.1281	10.1281	10.1281	10.1281	10.1281	10.1281	10.1281	10.1281	10.1281
10.7417	10.7417	10.7417	10.7417	10.7417	10.7417	10.7417	10.7417	10.7417	10.7417
18.7000	18.7000	18.7000	18.7000	18.7000	18.7000	18.7000	18.7000	18.7000	18.7000
22.5000	22.5000	22.5000	22.5000	22.5000	22.5000	22.5000	22.5000	22.5000	22.5000
30.7.2042	30.7.2042	30.7.2042	30.7.2042	30.7.2042	30.7.2042	30.7.2042	30.7.2042	30.7.2042	30.7.2042

السلطنة العامة

السلطنة العامة

السلطنة العامة



a5-a7

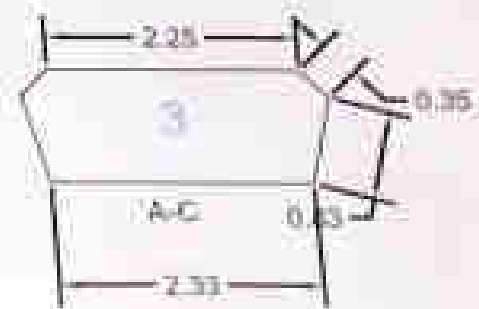
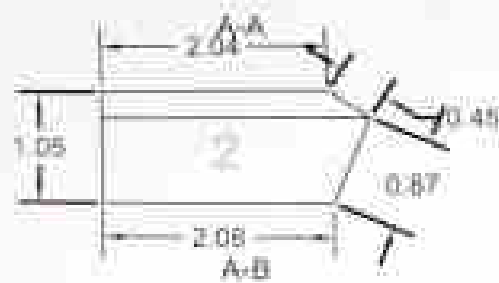
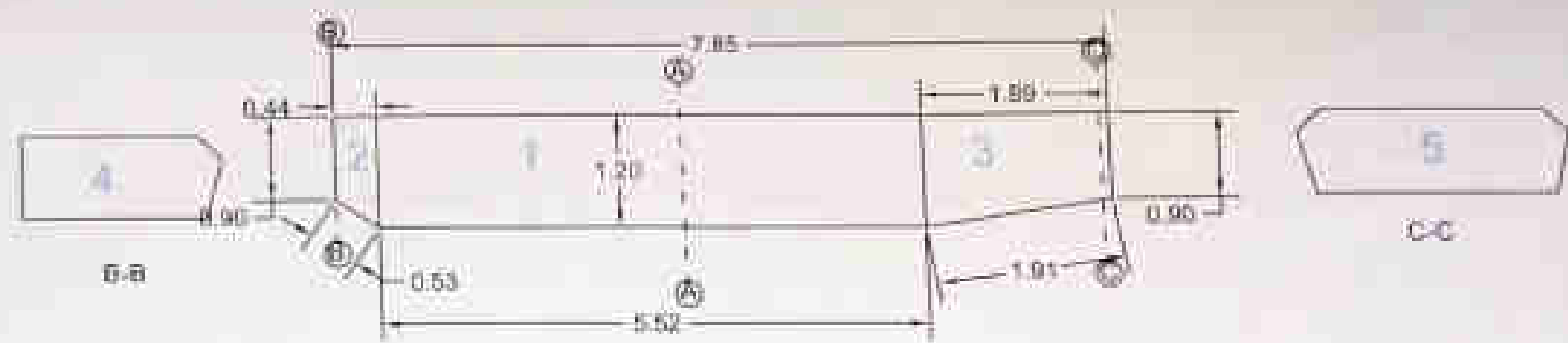


Figure A7

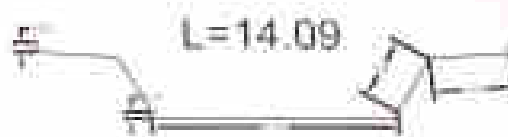
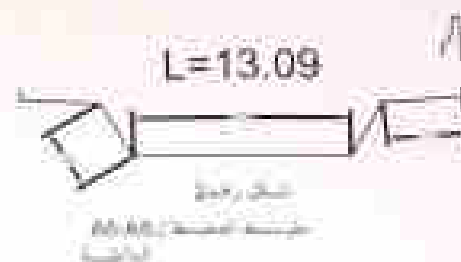
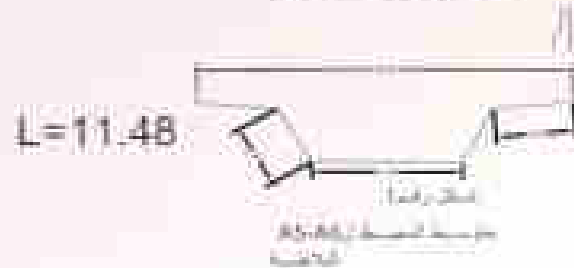
المادة 10: لا يجوز للمحكمة أن تصدر حكمًا بغير ما تقدمت به النيابة العامة، ولا أن ترفض ما تقدمت به النيابة العامة، إلا في الحالات التي ينص عليها القانون.

④

$$A_1 = A_2 = \dots$$

3



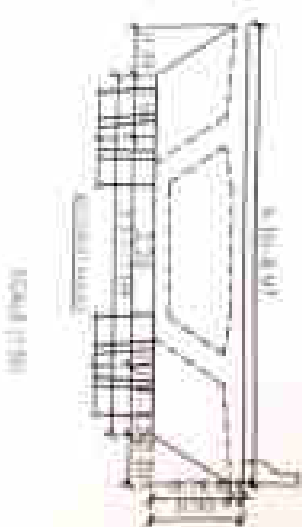
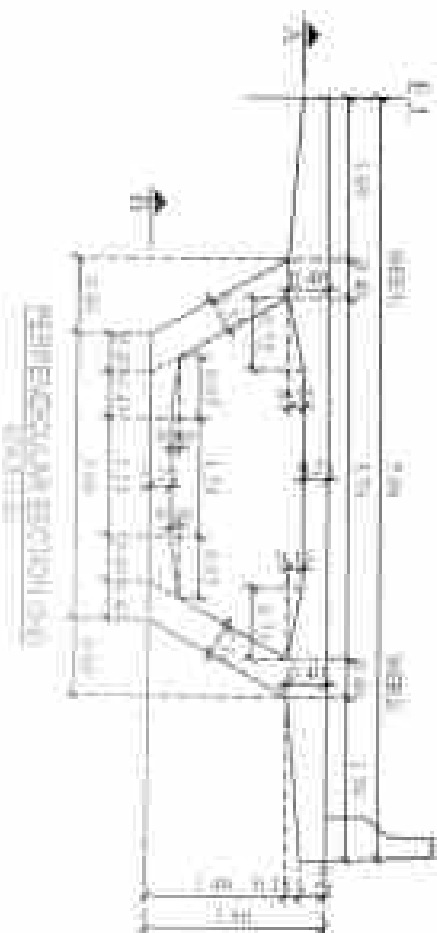
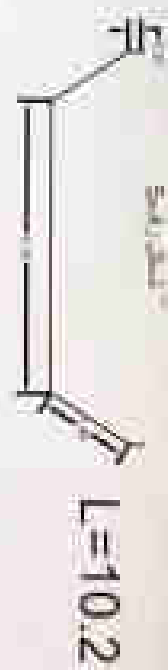
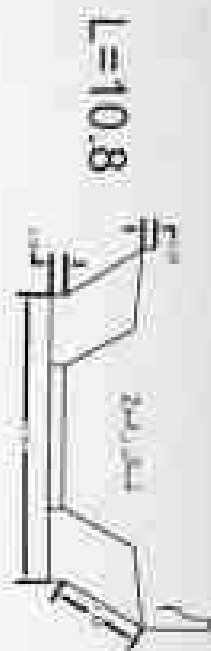


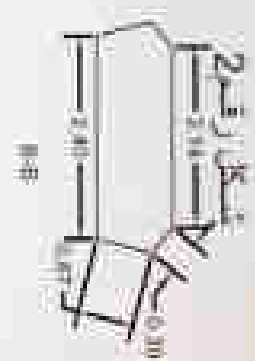
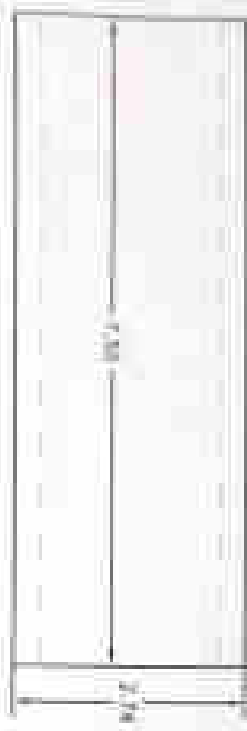
A5-8

**Table 1**

卷之十

[illegible]





طابق الثاني



طابق الأول

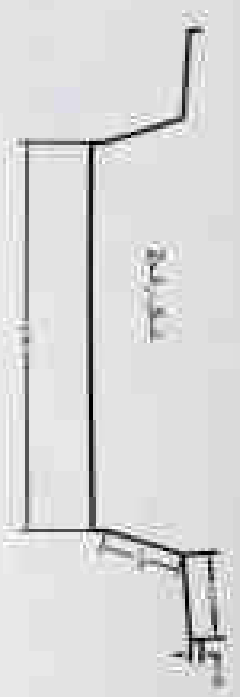
Fram A9

[illegible]



$L=19.737$

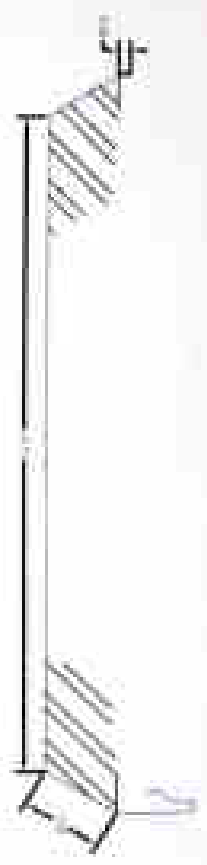
①



$L=18.36$



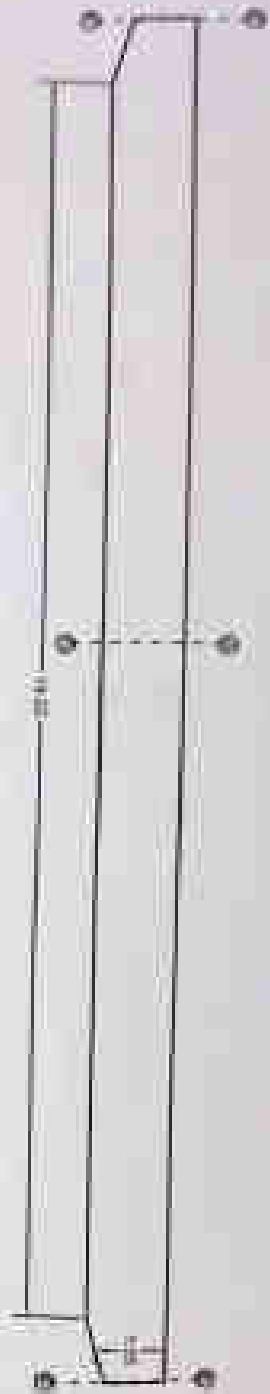
$L=18.84$



$L=18.84$

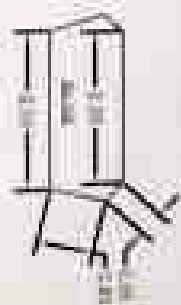
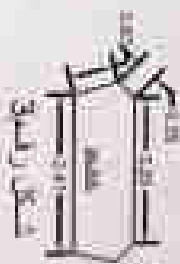
المستقيمة

a10-a12

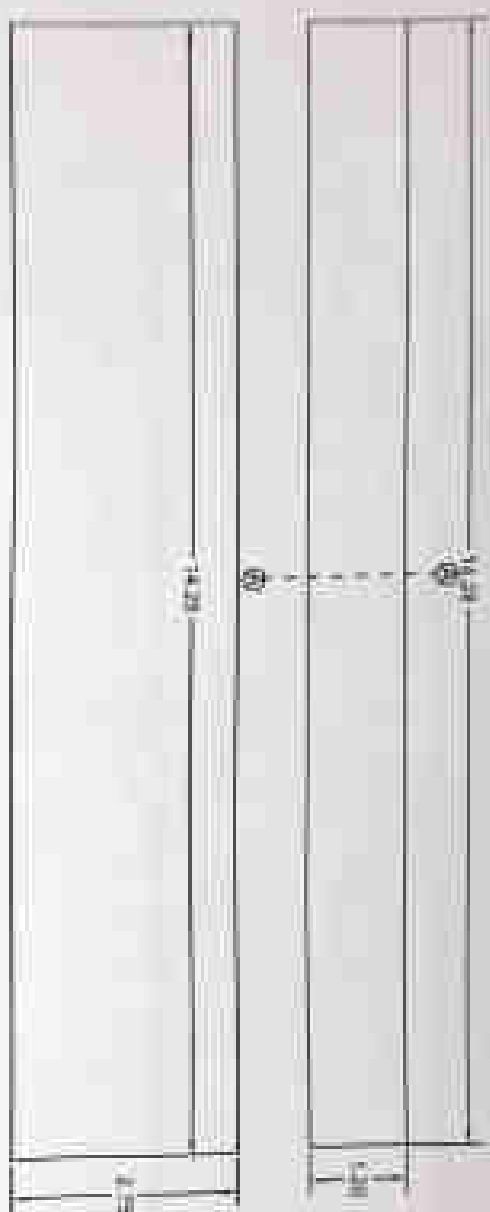


A12

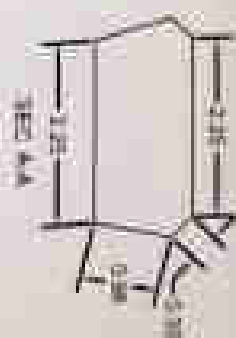
Fram A12



شكل رقم 2



Fram A10





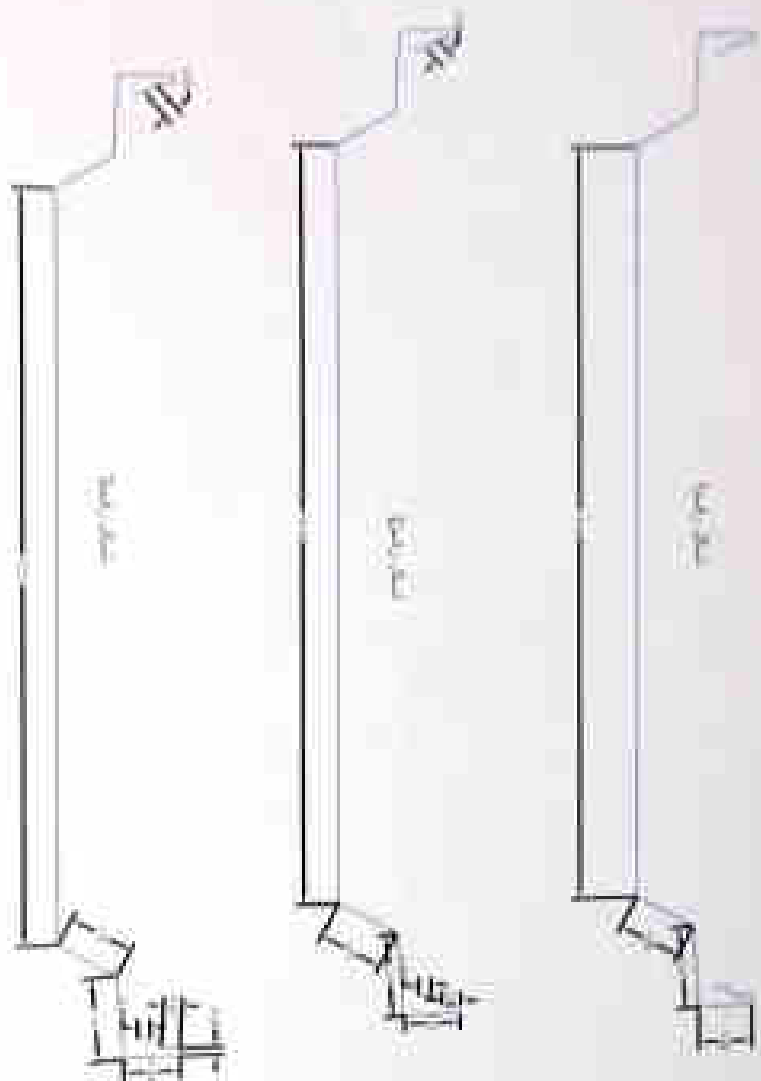
NO. 10-114									
Date		Time		Location		Weather		Remarks	
1900	10/10/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1901	10/11/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1902	10/12/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1903	10/13/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1904	10/14/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1905	10/15/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1906	10/16/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1907	10/17/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1908	10/18/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1909	10/19/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1910	10/20/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1911	10/21/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1912	10/22/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1913	10/23/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1914	10/24/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1915	10/25/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1916	10/26/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1917	10/27/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1918	10/28/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1919	10/29/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1920	10/30/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1921	10/31/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1922	11/01/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1923	11/02/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1924	11/03/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1925	11/04/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1926	11/05/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1927	11/06/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1928	11/07/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1929	11/08/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1930	11/09/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1931	11/10/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1932	11/11/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1933	11/12/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1934	11/13/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1935	11/14/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1936	11/15/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1937	11/16/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1938	11/17/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1939	11/18/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1940	11/19/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1941	11/20/00	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10
1942									

© 2004 Blackwell Publishing Ltd, *Journal of Internal Medicine* 255: 103–110

100

المجلد ١٠٠، العدد ١، ١٩٩٩

AMERICAN SOCIETY OF TROPICAL MEDICINE AND HYGIENE



A12-14

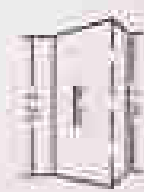
L=30.5

L=30.9

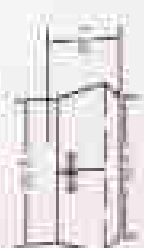
L=30.9



Fram A14



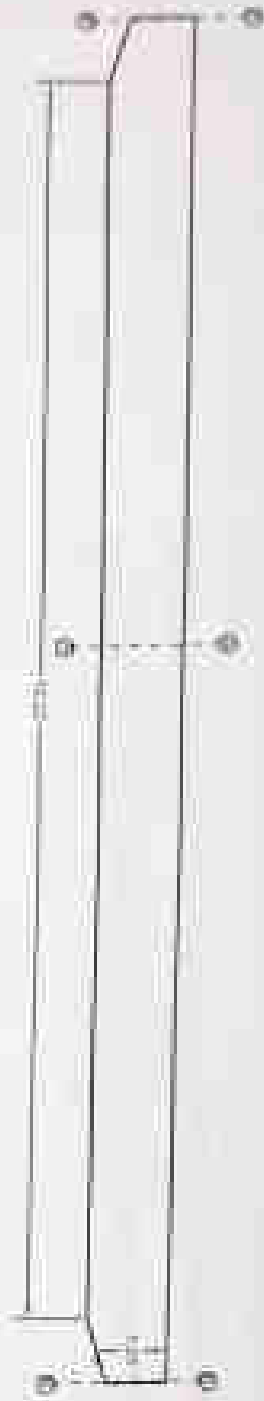
مخطط زخرفي



مخطط زخرفي

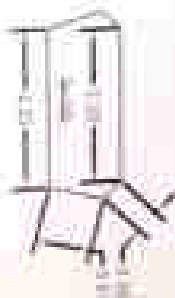
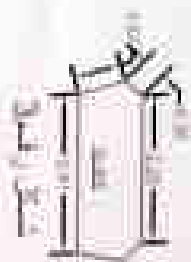
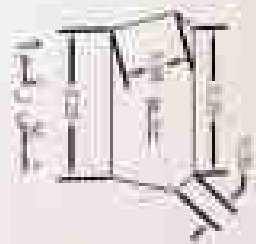


مخطط زخرفي



A12

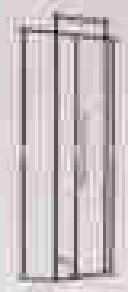
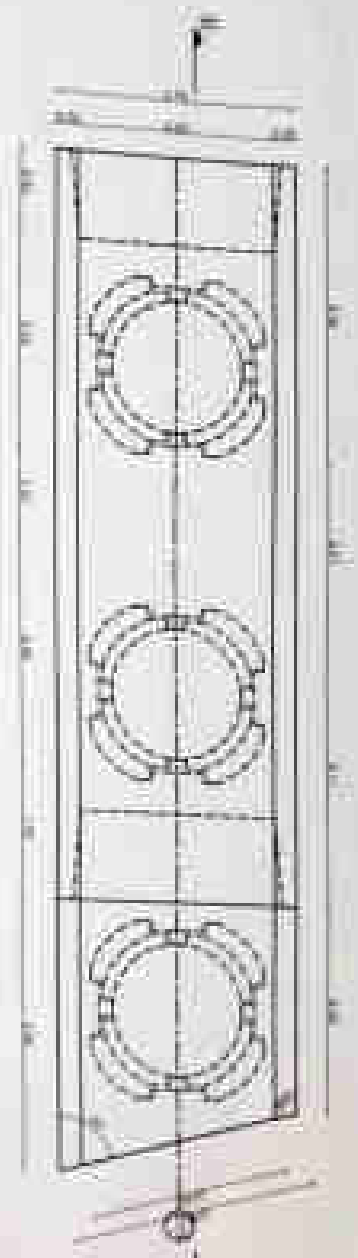
Fram A12



2-1-1



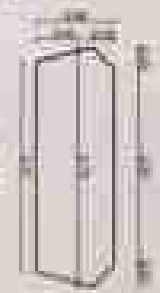
كشور  
مستطيل

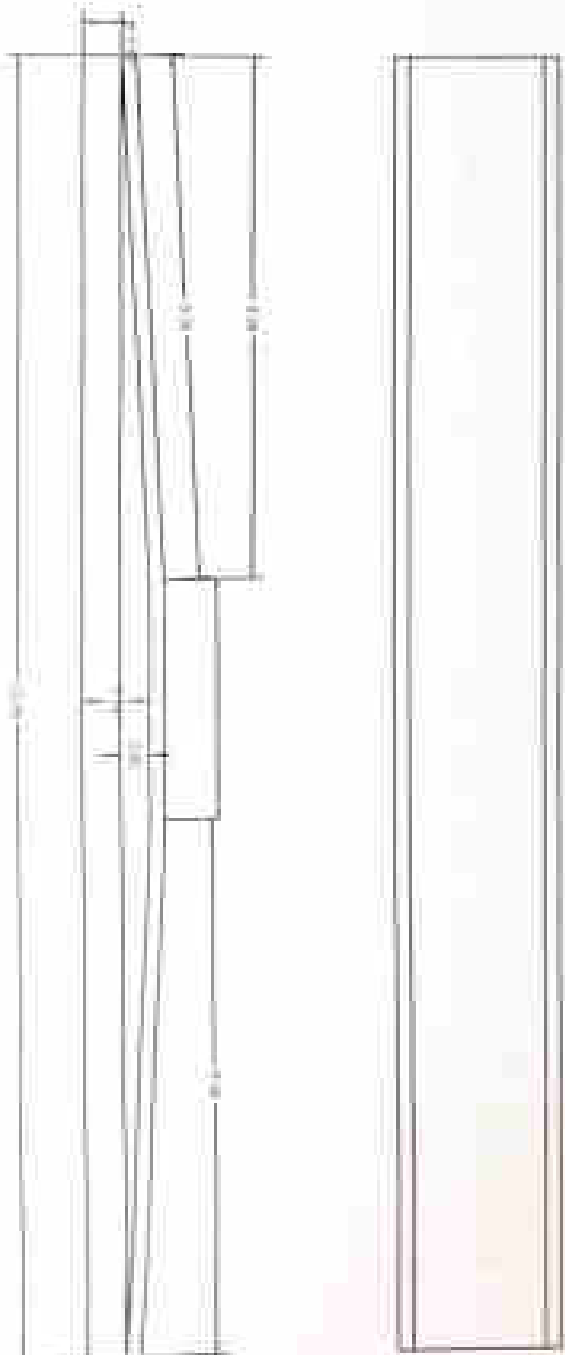
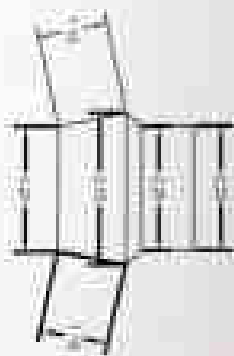


كشور  
مستطيل



كشور  
مستطيل





FRAME  
A 16

جمهورية مصر العربية  
 وزارة التعليم العالي والبحث العلمي  
 جامعة القاهرة  
 كلية الهندسة  
 قسم الهندسة المدنية  
 ٢٠٢٠

Faculty of Engineering  
 Cairo University  
 Department of Civil Engineering  
 2020

تمهيداً لاختبار التحصيل  
 في مادة الهندسة المدنية

تمهيداً لاختبار التحصيل  
 في مادة الهندسة المدنية

معلومات شخصية					
الاسم	الرقم	الدرجة	الفرقة	الكلية	القسم
أحمد محمد	١٢٣٤٥٦٧٨٩	بكالوريوس	الهندسة	الهندسة المدنية	الهندسة المدنية
أحمد محمد	١٢٣٤٥٦٧٨٩	بكالوريوس	الهندسة	الهندسة المدنية	الهندسة المدنية
أحمد محمد	١٢٣٤٥٦٧٨٩	بكالوريوس	الهندسة	الهندسة المدنية	الهندسة المدنية
أحمد محمد	١٢٣٤٥٦٧٨٩	بكالوريوس	الهندسة	الهندسة المدنية	الهندسة المدنية
أحمد محمد	١٢٣٤٥٦٧٨٩	بكالوريوس	الهندسة	الهندسة المدنية	الهندسة المدنية
أحمد محمد	١٢٣٤٥٦٧٨٩	بكالوريوس	الهندسة	الهندسة المدنية	الهندسة المدنية
أحمد محمد	١٢٣٤٥٦٧٨٩	بكالوريوس	الهندسة	الهندسة المدنية	الهندسة المدنية
أحمد محمد	١٢٣٤٥٦٧٨٩	بكالوريوس	الهندسة	الهندسة المدنية	الهندسة المدنية
أحمد محمد	١٢٣٤٥٦٧٨٩	بكالوريوس	الهندسة	الهندسة المدنية	الهندسة المدنية
أحمد محمد	١٢٣٤٥٦٧٨٩	بكالوريوس	الهندسة	الهندسة المدنية	الهندسة المدنية

تمهيداً لاختبار التحصيل  
 في مادة الهندسة المدنية

تمهيداً لاختبار التحصيل  
 في مادة الهندسة المدنية

تمهيداً لاختبار التحصيل  
 في مادة الهندسة المدنية





## كوبري مزلقان أبو حمص

### فواصل التمدد وأنواعها وأطوالها

#### THERMAL EXPANSION JOINTS

AXIS	LENGTH ( M )
A00	14.2
A1	14.2
A4	14.2
A5	14.7
A12	21.8
A14	22.2
A16	21.4
A25	7.1
C5	7.1
B5	7.1
LONGITUDINAL JOINT A14- 16	10
TOTAL	154

عبد  
سليم



شركة البترول الوطنية  
البحرينية العامة  
للمحروقات والمنتجات البترولية

شركة البترول الوطنية  
البحرينية العامة  
للمحروقات والمنتجات البترولية

شركة البترول الوطنية  
البحرينية العامة  
للمحروقات والمنتجات البترولية

شركة البترول الوطنية  
البحرينية العامة  
للمحروقات والمنتجات البترولية

شركة البترول الوطنية  
البحرينية العامة  
للمحروقات والمنتجات البترولية

بالتصديق على هذه الشهادة  
بأنه قد تم تزويد الشركة  
بالمواد البترولية اللازمة  
لعملها في الفترة من ١٩٩٠  
إلى ٢٠٠٠

رقم الشهادة: ٢٣٩

شركة البترول الوطنية  
البحرينية العامة  
للمحروقات والمنتجات البترولية

الرقم	الاسم	معلومات		الرقم	الاسم
		الرقم	الاسم		
١٩٩٠	١٩٩٠	١٩٩٠	١٩٩٠	١٩٩٠	١٩٩٠
٢٠٠٠	٢٠٠٠	٢٠٠٠	٢٠٠٠	٢٠٠٠	٢٠٠٠
٢٠١٠	٢٠١٠	٢٠١٠	٢٠١٠	٢٠١٠	٢٠١٠
٢٠٢٠	٢٠٢٠	٢٠٢٠	٢٠٢٠	٢٠٢٠	٢٠٢٠

الإجمالي

شركة البترول الوطنية  
البحرينية العامة  
للمحروقات والمنتجات البترولية

شركة البترول الوطنية  
البحرينية العامة  
للمحروقات والمنتجات البترولية

شركة البترول الوطنية  
البحرينية العامة  
للمحروقات والمنتجات البترولية

شركة البترول الوطنية  
البحرينية العامة  
للمحروقات والمنتجات البترولية

شركة البترول الوطنية  
البحرينية العامة  
للمحروقات والمنتجات البترولية

شركة البترول الوطنية  
البحرينية العامة  
للمحروقات والمنتجات البترولية

شركة البترول الوطنية  
البحرينية العامة  
للمحروقات والمنتجات البترولية



الهيئة العامة للغذاء والدواء  
 طريق وادي عربة - عمان - الأردن  
 رقم الترخيص: ١٢٣٤٥٦٧٨٩٠  
**المركز الوطني للأمن وإدارة الأزمات**

رقم الترخيص: ١٢٣٤٥٦٧٨٩٠

الهيئة العامة للغذاء والدواء  
 طريق وادي عربة - عمان - الأردن  
 رقم الترخيص: ١٢٣٤٥٦٧٨٩٠  
**المركز الوطني للأمن وإدارة الأزمات**

الهيئة العامة للغذاء والدواء  
 طريق وادي عربة - عمان - الأردن  
 رقم الترخيص: ١٢٣٤٥٦٧٨٩٠  
**المركز الوطني للأمن وإدارة الأزمات**

الاسم	الرقم	القيمة	الوقت	الوقت	الوقت
١	١	٥٧١٥.٤٦	٢١.٥	١٧.٢	١١٢.٩٢
٢	٢	٥٧١٥.٤٦	٢١.٥	١٧.٢	١١٢.٩٢
٣	٣	٥٧١٥.٤٦	٢١.٥	١٧.٢	١١٢.٩٢

من جهة

من الجهة

من الجهة

محطة كوكبة الجوزة (كوكبة النسر) في كوكبة			
POINT	EASTING	NORTHING	هــم
P1	548886.11	910591.387	46.507
P2	548791.642	910589.567	46.181
P3	548711.167	910585.88	46.217
P4	548758.187	910583.533	46.411
P5	548725.1095	910581.1915	46.21
P6	548730.315	910579.144	46.827
P7	548748.634	910574.527	46.411
P8	548765.712	910570.929	46.305
P9	548779.404	910566.777	46.14
P10	548791.714	910563.116	46.211
P11	548807.848	910561.39	46.27
P12	548810.884	910561.056	46.612
P13	548825.728	910560.491	46.152
P14	548819.984	910548.879	46.954
P15	548819.672	910544.256	46.552
P16	548818.988	910541.215	46.721
P17	548812.01	910542.016	46.803
P18	548810.951	910540.719	46.711
P19	548816.812	910539.612	46.721
P20	548806.033	910540.365	46.111
P21	548805.114	910537.541	46.533
P22	548804.675	910536.303	46.721
P23	548804.280	910537.72	45.904
P24	548803.547	910546.591	46.711
P25	548802.227	910543.125	46.65
P26	548790.557	910541.817	46.542
P27	548788.657	910537.666	46.911
P28	548788.298	910553.303	46.572
P29	548793.2288	910551.0881	46.257
P30	548797.346	910548.91	46.814
P31	548791.201	910544.147	46.882
P32	548781.228	910541.861	46.611
P33	548774.0865	910536.775	46.722
P34	548773.2637	910542.0128	46.914
P35	548774.7837	910539.3573	46.111
P36	548767.2359	910536.6615	46.706
P37	548766.0245	910555.2186	46.788
P38	548763.3347	910540.937	46.564
P39	548763.884	910546.512	46.112
P40	548763.4807	910547.016	46.417

مركز التفتيش رقم 10 - منطقة الدمام			
POINT	EASTING	NORTHING	AREA
P41	548757.144	910560.918	46.551
P42	548752.458	910565.508	46.852
P43	548747.0548	910561.8096	46.911
P44	548746.704	910560.855	46.957
P45	548745.518	910556.345	46.99
P46	548745.617	910556.069	46.982
P47	548745.495	910576.119	46.892
P48	548732.9709	910574.7241	46.864
P49	548735.1917	910572.5768	46.555
P50	548734.569	910570.9928	46.594
P51	548728.4719	910576.2906	46.755
P52	548725.1201	910578.1807	46.903
P53	548718.458	910570.457	46.41
P54	548718.157	910568.87	46.577
P55	548711.137	910563.516	46.808
P56	548716.555	910560.118	46.904
P57	548717.9658	910561.4141	46.778
P58	548706.078	910546.969	46.937
P59	548706.616	910543.6017	46.943
P60	548695.4787	910541.1164	46.711
P61	548694.81	910576.265	46.71
P62	548694.136	910574.571	46.668
P63	548693.809	910572.71	46.584
P64	548693.651	910572.218	46.729



حجم التكاليف الردم لآدم مطلع ومائل الكوداري انظر المرفق

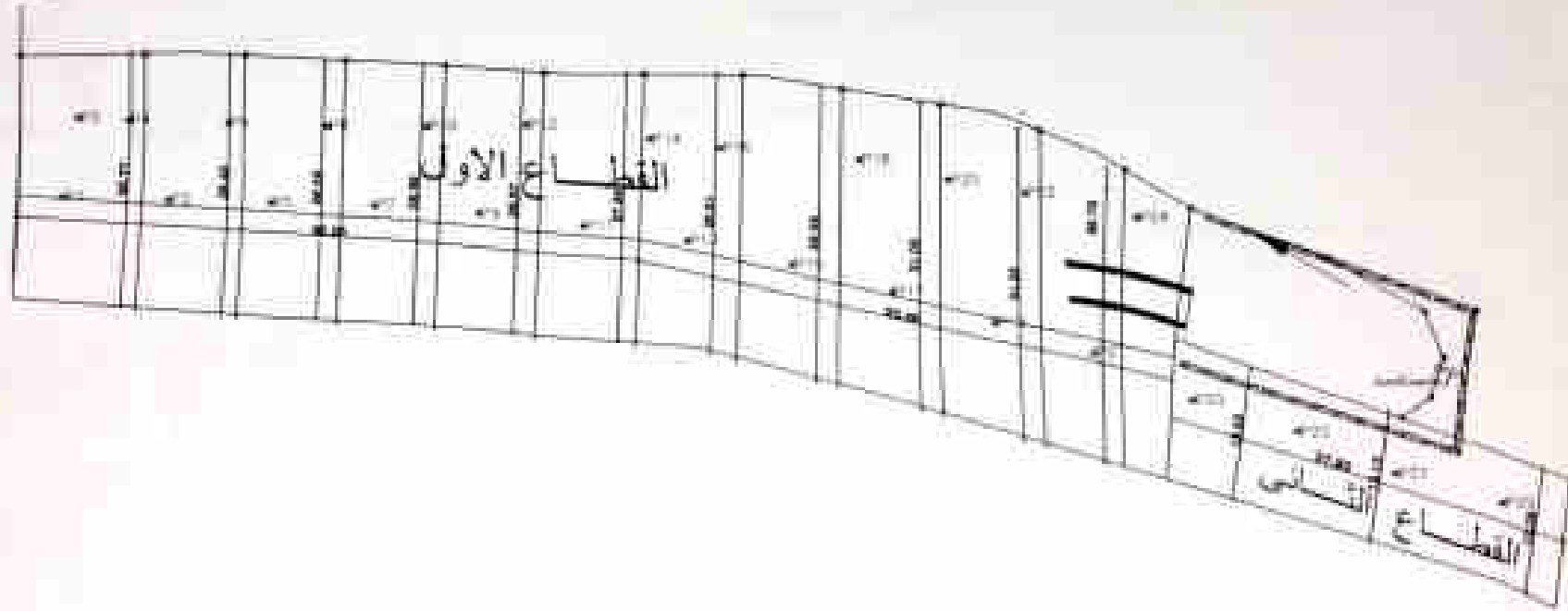
رقم القطاع	رقم البند	البيد	مساحة القطاع المائل	العرض المتوسط للقطاع	مكعب القطاع (م³)
قطاع المائل	١٦	بالعمر المكعب توريد وتشغيل آتربة مساحة لآدم مطابقة للمواصفات وتشغيلها بالآلات الثقوية سمك لا يزيد عن ٢٠ سم	233.8	28.25	6604.850
قطاع المائل	١٧	بالعمر المكعب توريد وتشغيل آتربة مساحة لآدم مطابقة للمواصفات وتشغيلها بالآلات الثقوية سمك لا يزيد عن ٢٠ سم	60.27	13.03	889.558
إجمالي كمية الحفر					7494.408

مدير المشروع الاستشاري  
م. فهد الجليل

مهندس الشركة  
[Signature]

## كوبرى مزلقان أبو حمص

A00



مسلان يوضح القطاع الاول والثاني لأحضان الردم لمستلزل ومطلع الكوبرى أعلى السربح

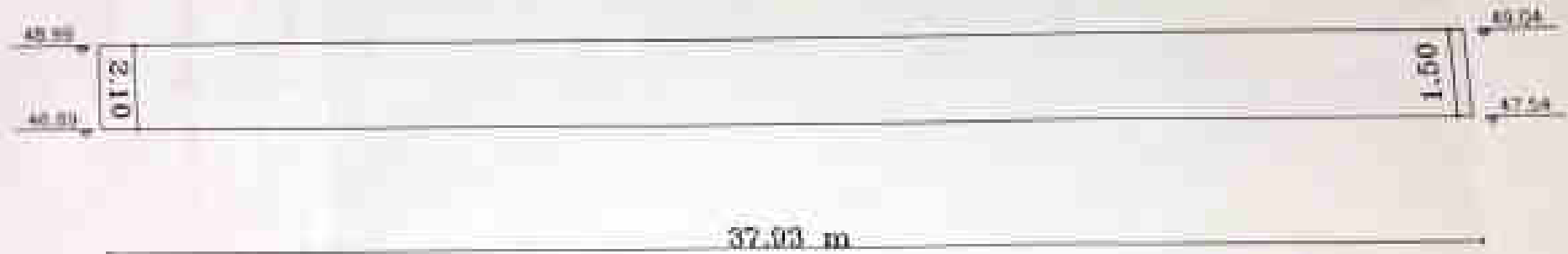
كوبرى مزلقان أبو حمص



قطر طوكسي التودم المصنوع من الحديد والمطلي بالكروم في اعلى السورح للقطر الاول

$$\text{AREA} = 233.8 \text{ M}^2$$

## كوبرى مزلقان ابو حمص



المساحة الكلية للكوبرى المزلقان ومطلوع الكوبرى اطلق التوزيع المساحة الكلية

$$\text{AREA} = 68.27 \text{ M}^2$$

كوندى مىللىن بىرلەشمە

مەمۇرىي شەكىللىنىش رەمىي مىللەتلىك كۆرسەتكۈچىنىڭ ئىشلىتىش دائىرىسى  
بىرلەشمە رەمىي مىللەتلىك كۆرسەتكۈچىنىڭ ئىشلىتىش دائىرىسى

مەمۇرىي	بىرلەشمە	مەمۇرىي
48.858	930531.201	930531.201
48.708	930533.321	930533.321
48.893	930540.853	930540.853
48.733	930532.604	930532.604
48.943	930540.163	930540.163
48.833	930531.888	930531.888
48.993	930539.501	930539.501
48.833	930531.207	930531.207
49.045	930539.152	930539.152
48.885	930530.175	930530.175
49.046	930539.178	930539.178
48.946	930528.795	930528.795
49.147	930539.173	930539.173
48.987	930527.073	930527.073
49.197	930539.564	930539.564
49.037	930534.717	930534.717
49.238	930539.659	930539.659
49.078	930532.013	930532.013
49.259	930539.613	930539.613
49.134	930518.901	930518.901
49.259	930539.426	930539.426
49.198	930515.706	930515.706
49.240	930539.100	930539.100
49.200	930518.613	930518.613
49.146	930518.090	930518.090
49.093	930537.346	930537.346
49.040	930537.012	930537.012



مجلس إدارة الشركة العامة للتجارة الخارجية

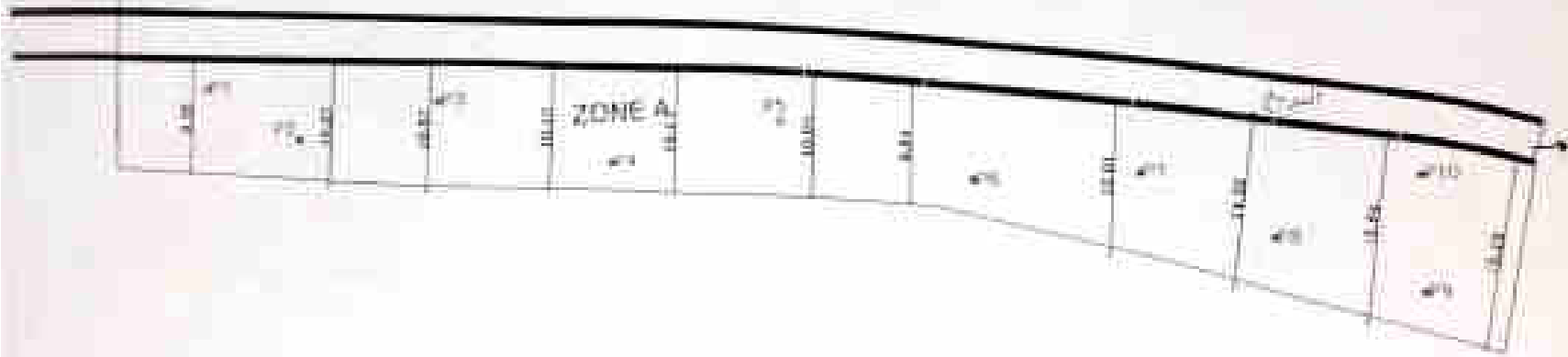
رقم الصفح	رقم الصفح	نوع الصفح	نوع الصفح	نوع الصفح	نوع الصفح	نوع الصفح
1200.000	11.00	11.00	11.00	11.00	11.00	11.00
1200.000	11.00	11.00	11.00	11.00	11.00	11.00
1200.000	11.00	11.00	11.00	11.00	11.00	11.00

مدير المشروع الاستشاري

مهندس الشركة

المساحة المخصصة

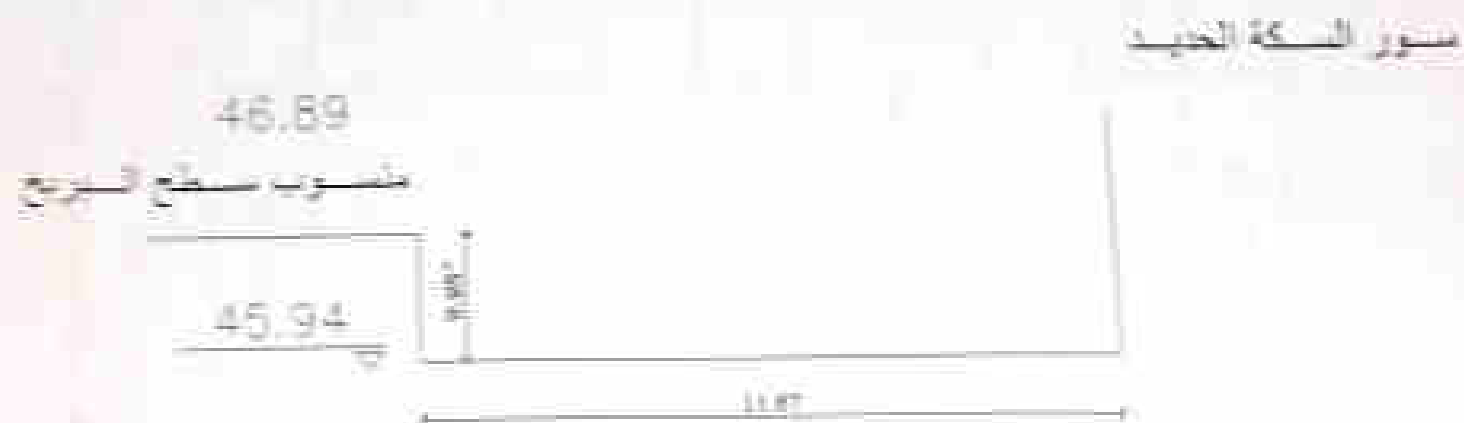
A00



المساحة المخصصة

مخطط لقطاع الرد بجانب السبيل ما بين سور الشبكة الحديد والسبيل

## كوبرى مزلقان أبو حمص



قطاع عرضى للوردم سائق البرج ومسور السكة الحديد



ممراتية شبكية قبل الردم لتأخر الكوبري الجزء ما بين البربخ ونسور المحطة

POINT	EASTING	NORTHING	level
P1	548898.648	930537.5927	46.02
P2	548906.3715	930532.8297	45.89
P3	548918.2032	930535.2933	45.83
P4	548932.1713	930529.2163	45.84
P5	548946.3036	930531.68	45.93
P6	548961.9149	930526.26	45.95
P7	548975.5543	930526.26	46.02
P8	548985.7428	930520.84	45.92
P9	548997.1797	930516.0066	45.95
P10	548997.99	930525.39	46.07



وزارة النقل  
الهيئة العامة للطرق و الجسور  
الهيئة العامة للطرق و الجسور المنطقة الثالثة عشر

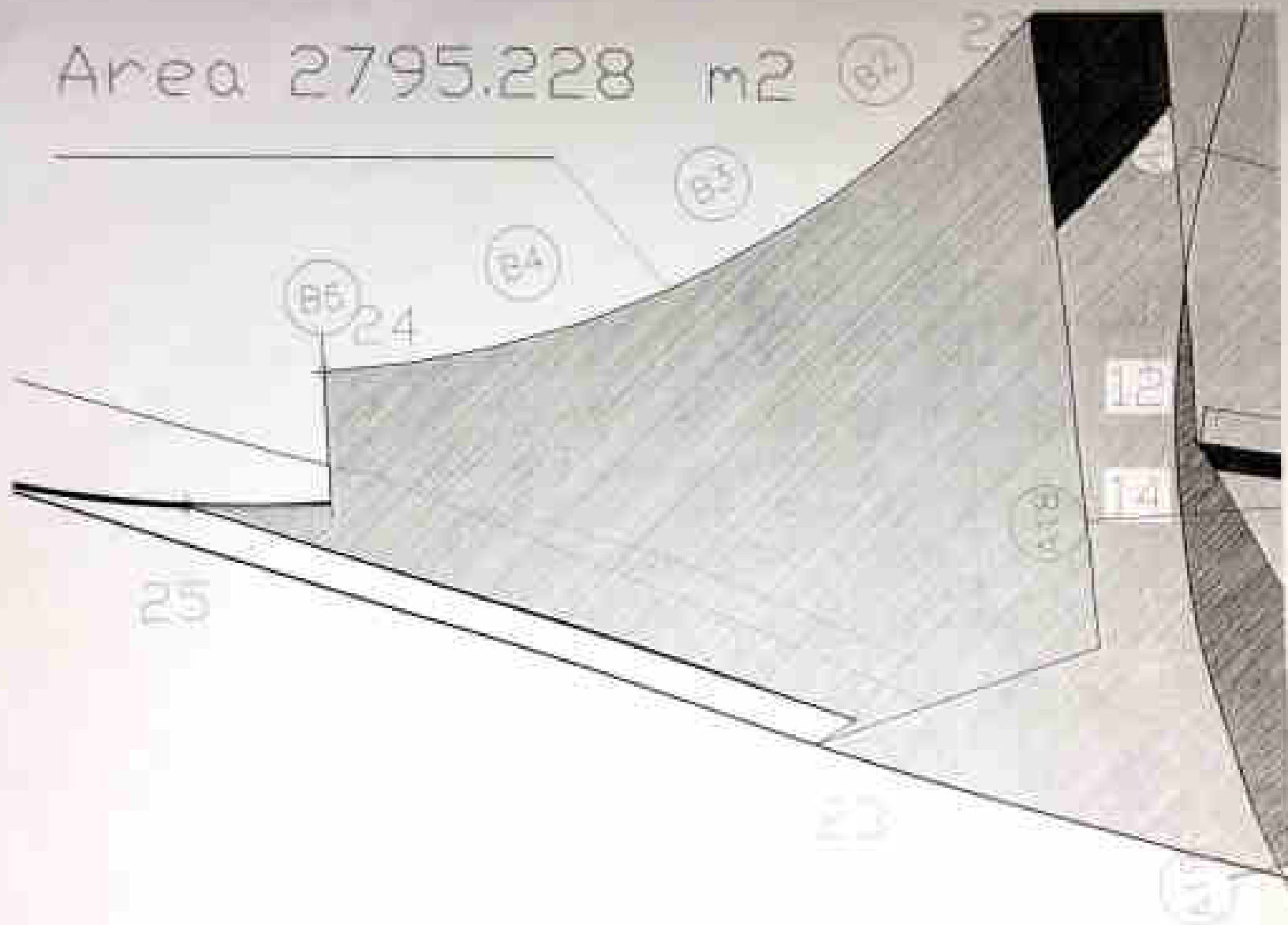
تتبعها شركة النيل العامة للطرق والجسور

استمارة تعديل ونقل الترخيص الخاصة بالارزاق					
الخصم	الطول	العمق	الارتفاع	المجموع	العدد
الارض ارضا عامه مس	2795.228	10.5	0.5	1387.614	1
				الأجمالي ب و 4	
				1387.614	

عن الشركة

عن الاستاذ

عن اللجنة



وزارة النقل  
 للهيئة العامة لشؤون  
 الطرق والكباري (GARB)  
 توريد ودرج  
 توريد ودرج

الهيئة العامة  
 للطرق والكباري و النقل النهري  
 (GARBLT)  
 توريد ودرج



وزارة النقل  
 الهيئة العامة للطرق والكباري  
 الهيئة العامة للطرق والكباري المنطقة الثالثة عشر  
 تنفيذ شركة النيل العامة للطرق والكباري

توريد ودرج توريد ودرج توريد ودرج توريد ودرج توريد ودرج توريد ودرج						
الاجمالي ب 3	العدد	الحجم	الارتفاع	العرض	الطول	العتصم
589.446	1	589.446	1.65	6	59.54	1
487.3671	1	487.3671	1.65	6	49.229	2
1076.8131						

عن الهيئة

عن الاستشاري

عن الشركة

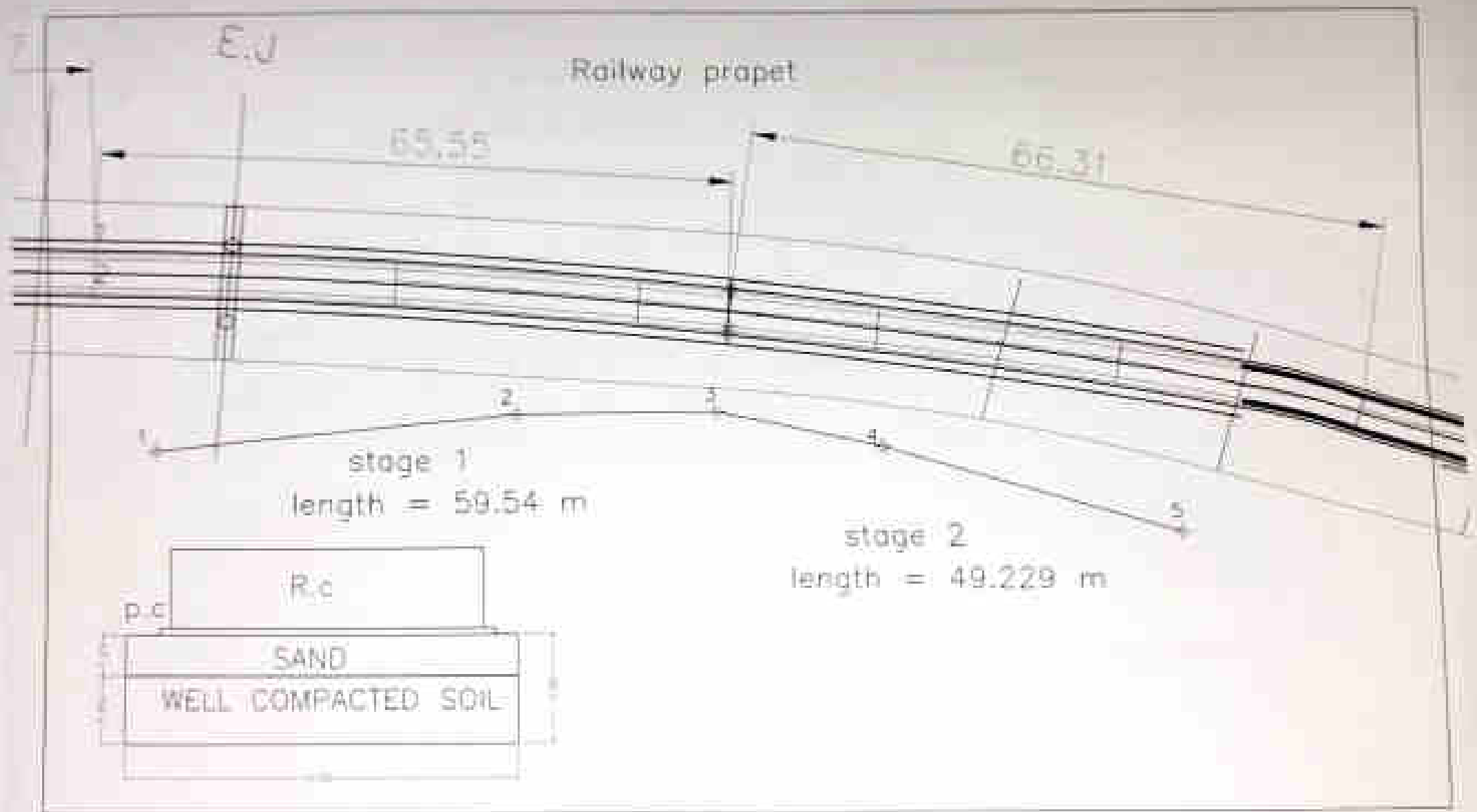


Figure 1



الهيئة العامة للطرق والكهرباء والمنطقة الثالثة عشر

تطبيق ذرية النبل العامة للطرق والكبار



STAGE (4)

132.92





وزارة النقل  
الهيئة العامة للطرق والكباري  
الهيئة العامة للطرق والكباري المنطقة الثالثة عشر  
تقديراً لخدمة الهيئة العامة للطرق والكباري

توريد وزيم التربة صالحة للزيم اسفل بحشب حوازيك المروحة الثالثة المصروف						
العدد	الحجم	الارتفاع	العرض	الطول	الغرض	الغرض
1	2261.456	2	17.2	65.74	1	الاجمالي
2261.456						

عن الهيئة  
مختار

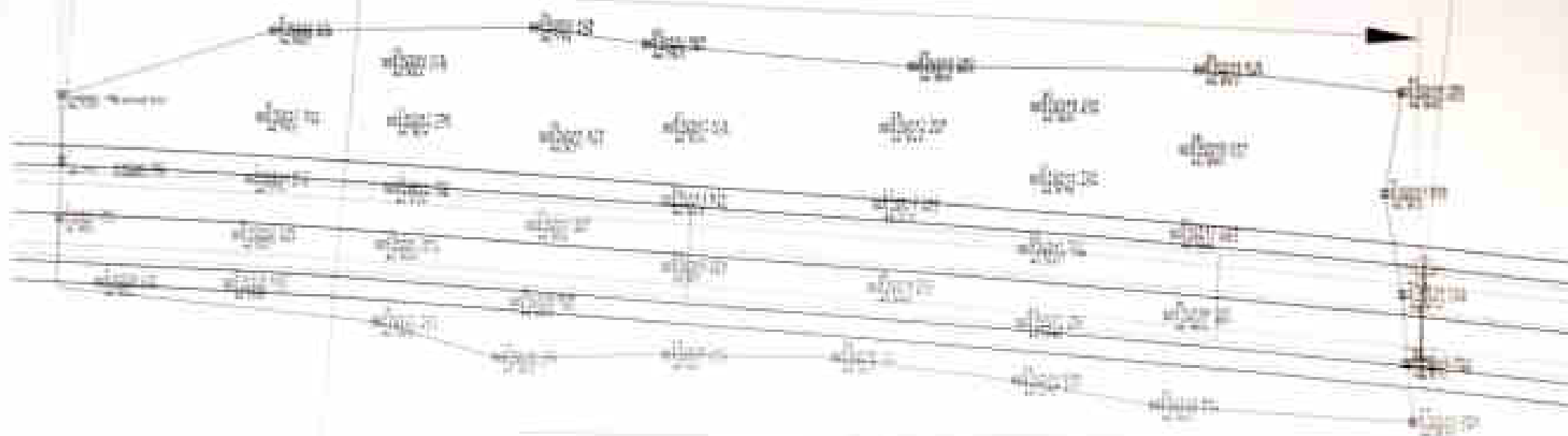
عن الاستشاري  
الطريق

عن الشركة  
مختار



STAGE (3)

65.74





شركة القابضة للنقل البحري والجوي

وزارة النقل  
الهيئة العامة للطرق والكباري والبحري  
الهيئة العامة للطرق والكباري والبحري

استكمال تحميل ونقل التربة صلبة لمرافق						
الكمية	الطول	العرض	الارتفاع	الحجم	العدد	الاجمالي ب.م
رسم من AS-A00	3685.15	0.5	1842.575	1	1842.575	
رسم من AS-A00	615.354	1.65	1015.3341	1	1015.3341	
رسم من AS-A00	302	0.8	181	1	181	
رسم من AS-A00	1263.452	0.5	631.726	1	631.726	
						3940.6351

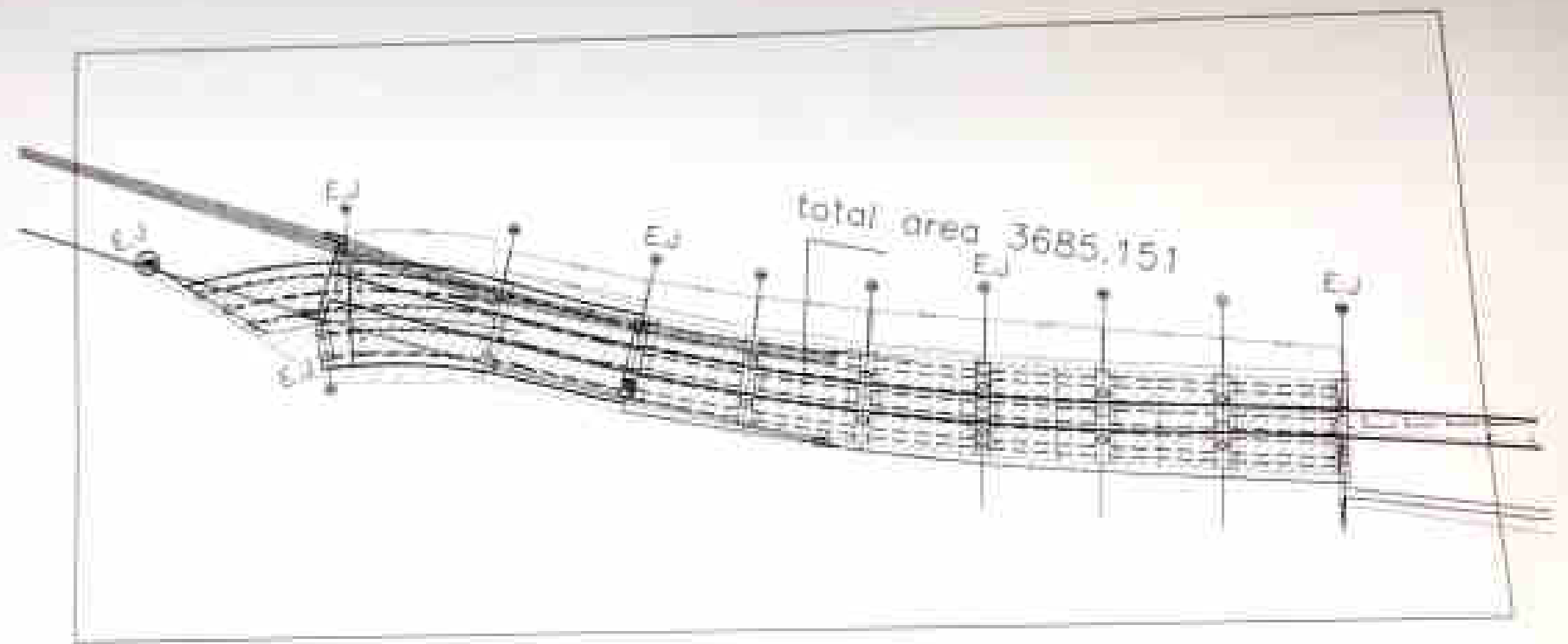
الاجمالي

٢٤١٩,٦٢

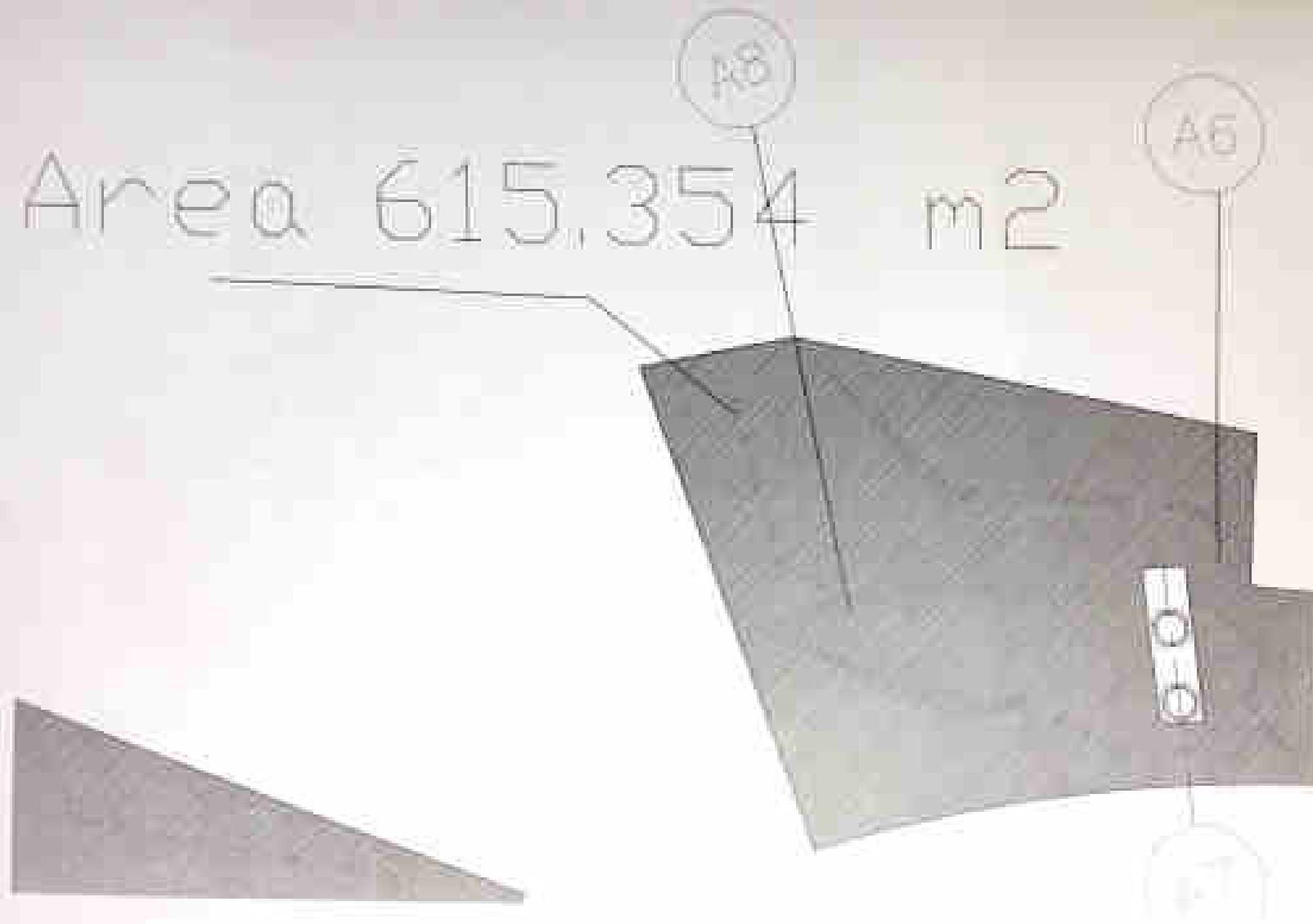
عن الشركة  
عبد

عن الشركة  
عبد

عن الشركة  
عبد

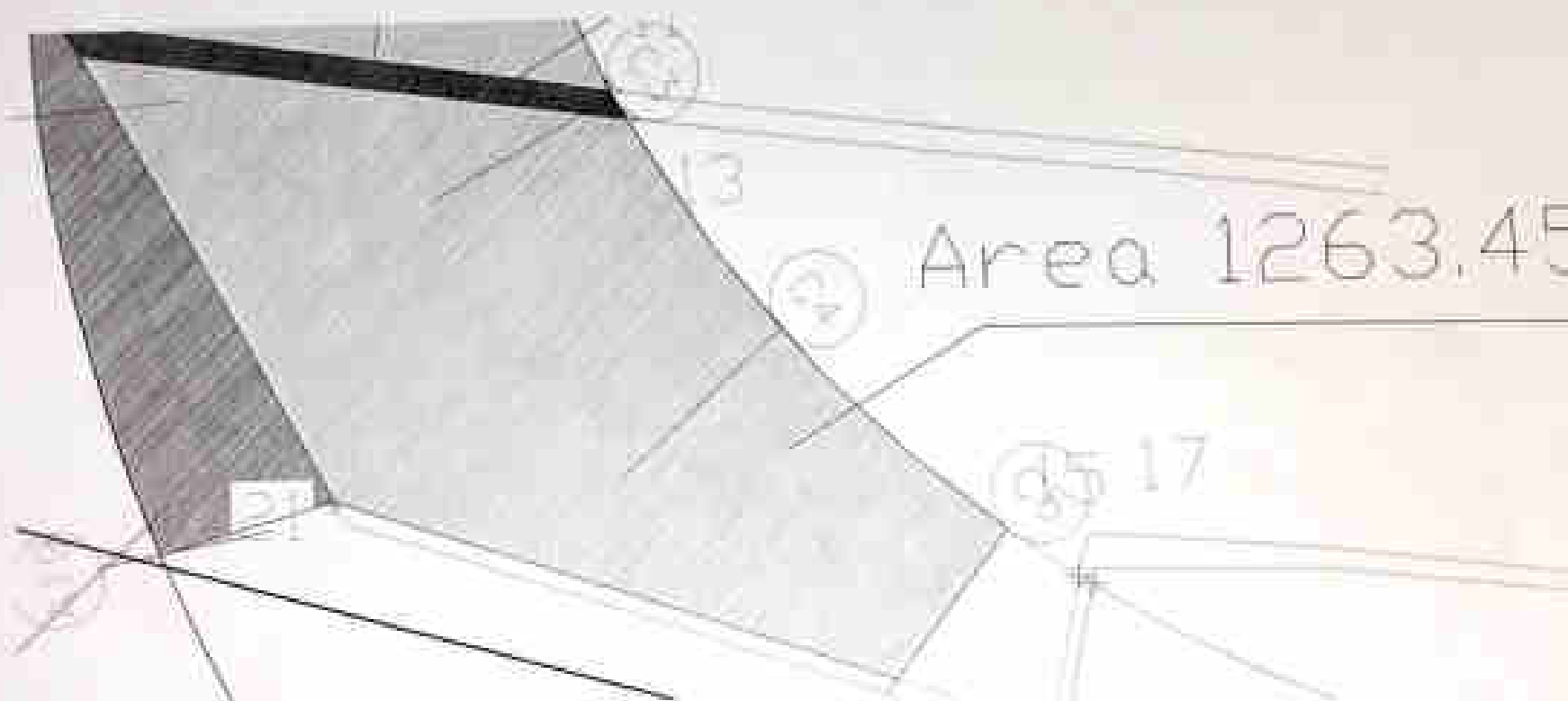


Area 615.354 m<sup>2</sup>



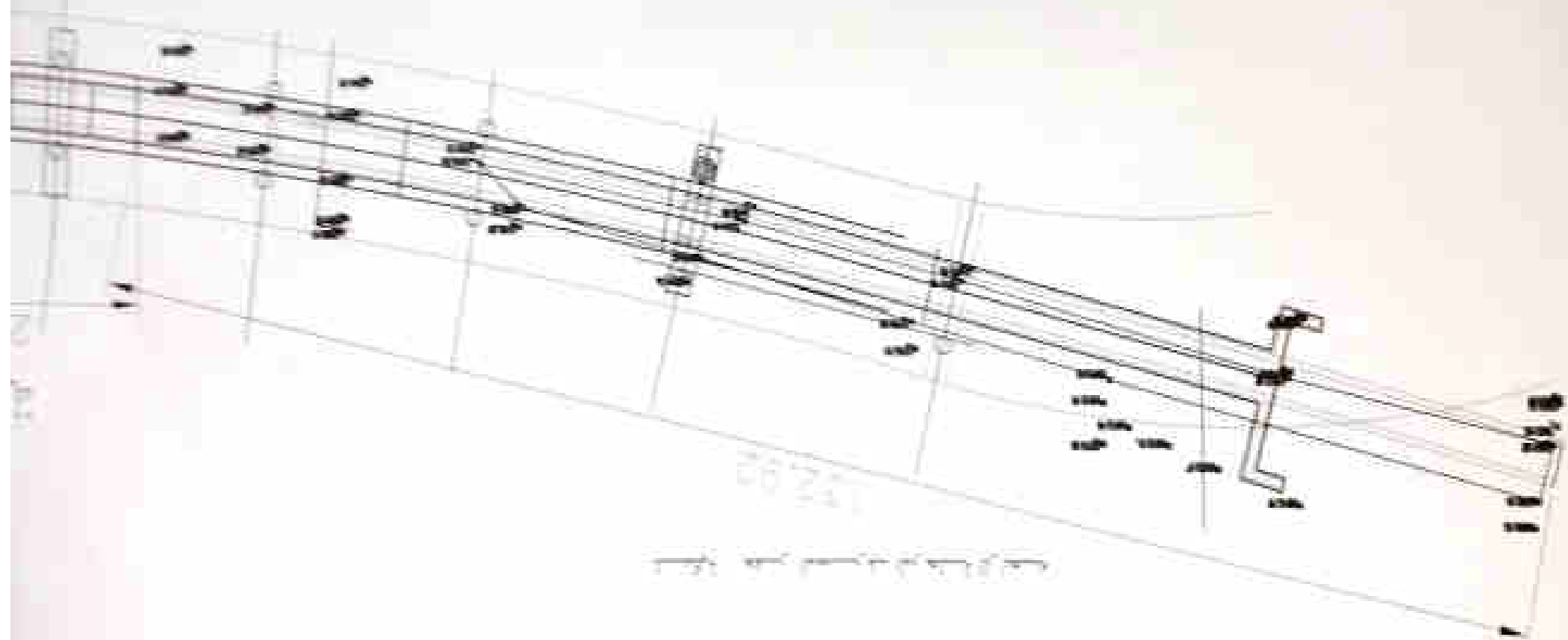


AREA = 302 m<sup>2</sup>



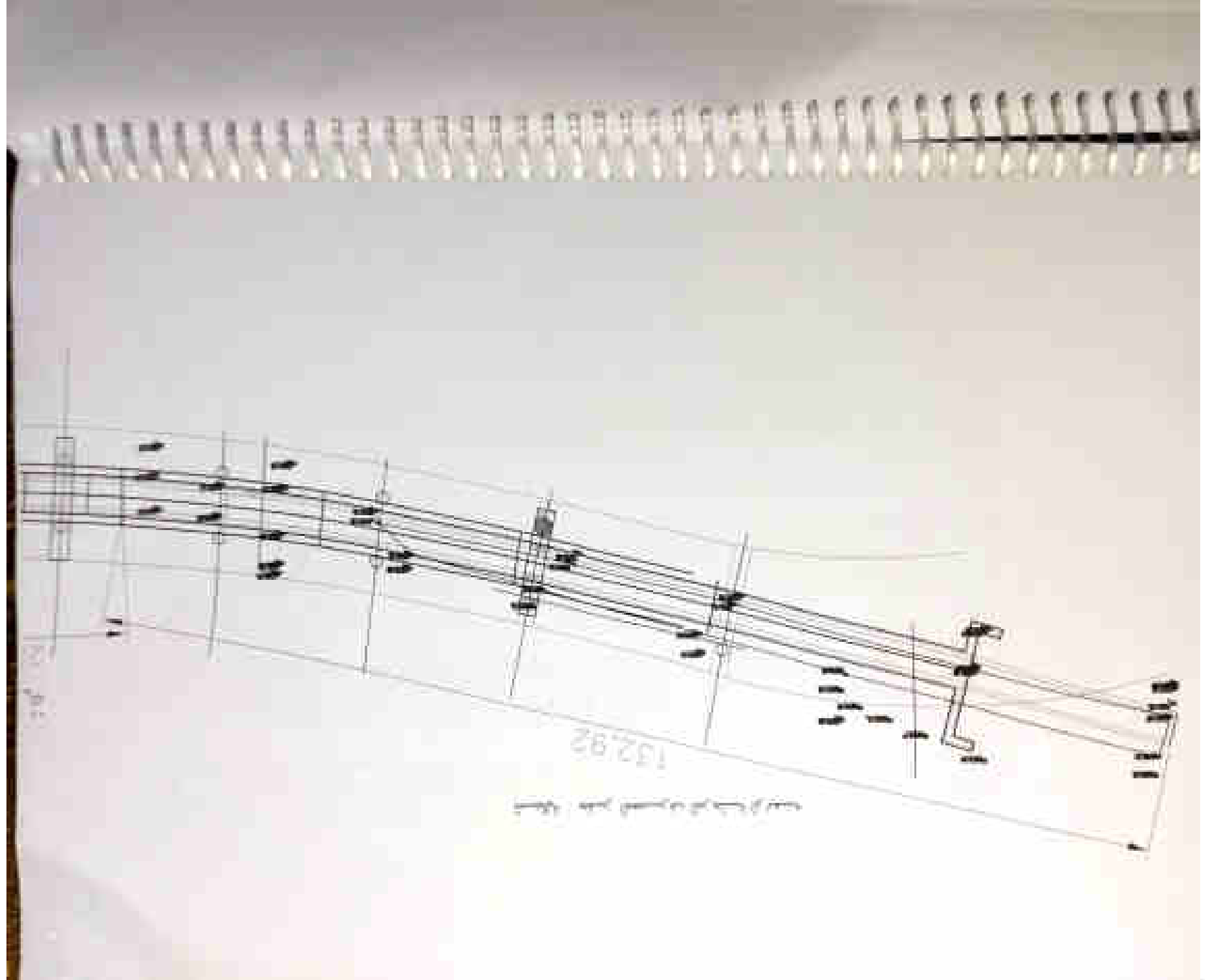
Area 1263.452 m

ملف بيانات محطة التربة الكيميائية			
POINT	EASTING	NORTHING	elev
P1	548096.858	930581.4432	42.012
P2	548096.4787	930581.1304	42.353
P3	548094.81	930576.205	41.561
P4	548094.326	930574.671	41.632
P5	548093.065	930572.71	42.11
P6	548091.951	930571.230	42.721
P7	548117.9059	930581.4304	41.992
P8	548118.459	930576.452	41.311
P9	548118.157	930569.87	42.102
P10	548117.117	930565.516	41.262
P11	548116.555	930565.118	42.011
P12	548120.1301	930578.3187	42.311
P13	548128.4739	930576.2906	42.511
P14	548135.295	930576.118	42.241
P15	548132.9789	930574.7241	42.618
P16	548135.1912	930572.5768	42.994
P17	548134.545	930570.5928	41.106
P18	548152.246	930607.918	41.292
P19	548152.458	930603.509	42.338
P20	548147.6540	930563.9998	42.761
P21	548146.704	930604.855	42.449
P22	548173.2822	930562.0128	41.085
P23	548171.7817	930539.9571	42.604
P24	548167.7155	930538.6865	41.997
P25	548161.8245	930555.2746	42.176
P26	548158.457	930557.069	42.142
P27	5481708.298	930555.141	41.963
P28	5481717.2289	930553.4881	41.964
P29	5481707.346	930509.91	42.1
P30	548085.134	930557.541	40.581
P31	548084.675	930556.102	42.223
P32	548084.286	930552.72	42.683
P33	548083.147	930546.994	42.225
P34	548082.727	930548.109	42.434
P35	548082.04	930550.076	42.771
P36	548081.400	930546.377	42.996
P37	5480819.594	930548.825	42
P38	5480819.672	930544.758	41.95
P39	5480818.968	930541.235	42.003





ملفات حفر التربة لإقامة الفندق			
العمق	كود التربة	معدن التربة	مياه
P1	540004.818	930583.432	42.012
P2	540005.4387	930081.1364	42.353
P3	540004.81	930576.205	41.503
P4	540004.326	930574.073	41.832
P5	540004.905	930572.71	42.11
P6	540003.953	930577.236	42.721
P7	540074.9659	930581.4363	41.092
P8	540074.4528	930570.452	41.323
P9	540074.192	930580.07	42.302
P10	540074.7337	930585.516	41.762
P11	540074.555	930585.138	42.031
P12	540075.1303	930078.3387	42.312
P13	540079.4719	930576.2906	42.513
P14	540075.395	930576.1391	42.242
P15	540073.9309	930570.7243	42.018
P16	540075.1927	930572.5768	42.990
P17	540074.545	930570.5828	41.106
P18	540074.1101	930587.9148	41.792
P19	540074.458	930565.509	42.338
P20	540074.6248	930581.8098	42.703
P21	540046.108	930580.855	42.489
P22	540073.2822	930583.0128	41.085
P23	540074.2837	930559.1573	42.604
P24	540077.7355	930096.1805	41.897
P25	540068.8295	930535.2730	42.176
P26	540088.657	930587.086	42.347
P27	540088.2908	930555.343	41.983
P28	540072.2589	930553.1683	41.064
P29	540072.346	930549.91	42.3
P30	540085.114	930557.543	40.58
P31	540084.675	930586.303	42.223
P32	540084.386	930552.72	42.683
P33	540083.342	930546.094	42.225
P34	540082.227	930544.109	42.434
P35	540081.701	930550.076	42.771
P36	540081.489	930546.377	42.096
P37	540081.594	930588.875	42
P38	540081.672	930544.258	41.95
P39	540081.988	930543.235	42.003

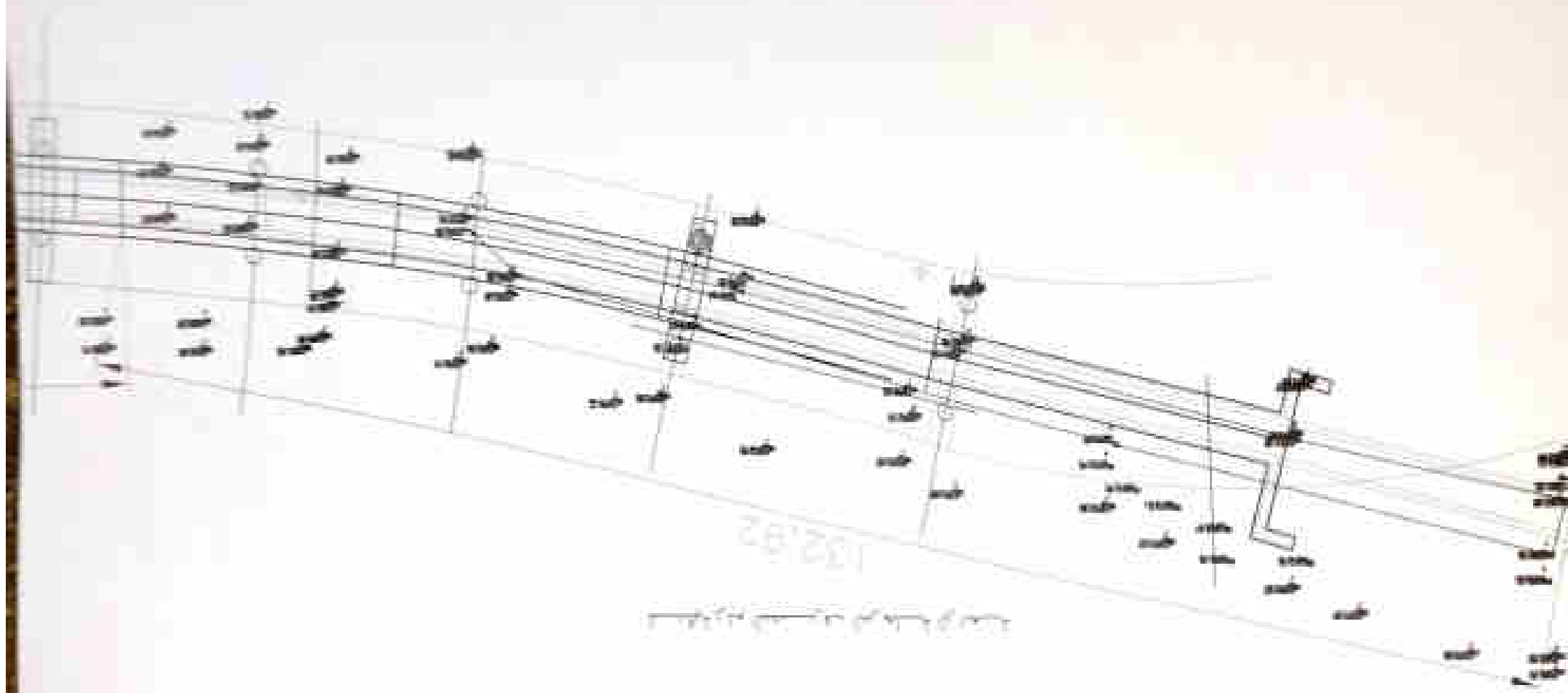


الموسيقى العربية

132.82

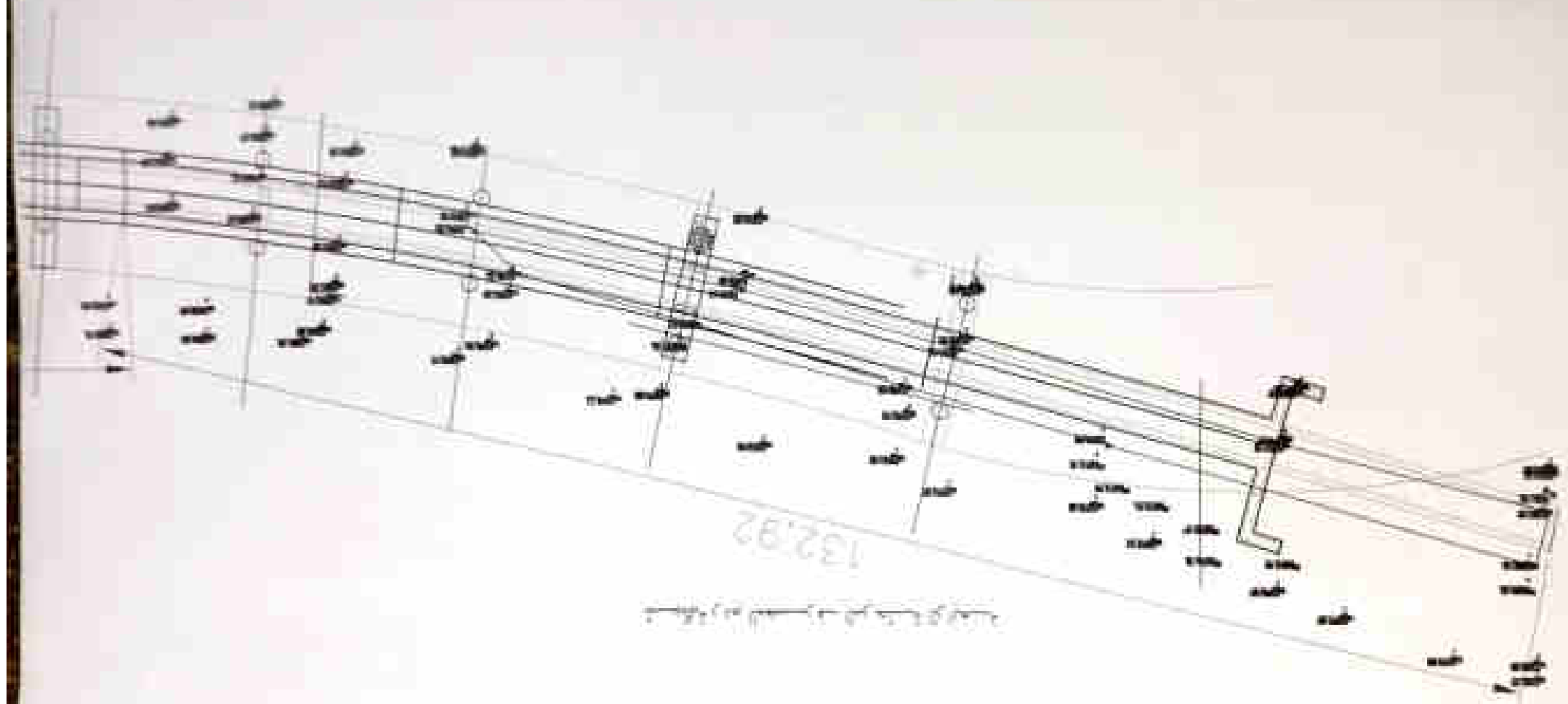
طريقة ادم المرحوم الى ادم المرحوم				
POINT	EASTING	NORTHING	AREA	
P1	548796.11	930591.307		46.507
P2	548793.667	930588.967		46.181
P3	548713.397	930585.89		46.397
P4	548719.387	930583.533		46.433
P5	548725.1055	930581.1533		46.21
P6	548730.315	930579.344		46.307
P7	548740.094	930574.927		46.613
P8	548765.732	930570.909		46.368
P9	548779.898	930566.777		46.54
P10	548793.714	930563.116		46.711
P11	548807.066	930561.39		46.22
P12	548816.894	930561.056		46.632
P13	548825.778	930560.493		46.752
P14	548819.594	930548.875		46.964
P15	548819.677	930544.758		46.557
P16	548818.008	930541.235		46.721
P17	548812.84	930540.076		46.643
P18	548810.351	930542.715		46.978
P19	548806.432	930539.817		46.532
P20	548806.033	930540.365		46.121
P21	548805.134	930557.641		46.533
P22	548804.675	930556.303		46.721
P23	548804.286	930553.72		46.964
P24	548803.342	930546.994		46.711
P25	548802.227	930544.109		46.85
P26	548790.557	930541.813		46.322
P27	548788.657	930557.066		46.933
P28	548788.798	930555.343		46.572
P29	548782.2289	930551.4081		46.332
P30	548782.346	930549.91		46.934
P31	548793.207	930544.142		46.882
P32	548793.229	930544.864		46.631
P33	548794.9965	930566.2775		46.772
P34	548773.2822	930562.0128		46.914
P35	548771.7037	930559.9573		46.133
P36	548767.2155	930556.6065		46.766
P37	548766.8245	930555.2736		46.789
P38	548765.352	930549.937		46.564
P39	548765.366	930549.832		46.132
P40	548753.482	930572.036		46.437

محطة رقم البركة البركة للموت			
POINT	EASTING	NORTHING	مقياس
P41	548752.106	930567.918	46.951
P42	548752.458	930565.509	46.852
P43	548747.6348	930561.9208	46.971
P44	548746.704	930560.805	46.357
P45	548745.519	930556.145	46.99
P46	548745.637	930556.099	46.162
P47	548735.385	930576.139	46.692
P48	548732.9709	930574.7241	46.844
P49	548735.1927	930571.5768	46.553
P50	548734.545	930570.5929	46.564
P51	548729.4719	930576.2906	46.755
P52	548725.1301	930578.1807	46.963
P53	548718.459	930570.452	46.41
P54	548718.157	930569.87	46.022
P55	548717.137	930565.516	46.808
P56	548716.555	930565.118	46.904
P57	548717.9659	930581.4161	46.776
P58	548076.036	930589.999	46.937
P59	548696.68	930581.6012	46.883
P60	548696.4787	930581.1364	46.713
P61	548694.81	930576.205	46.73
P62	548694.126	930574.671	46.606
P63	548693.905	930572.71	46.484
P64	548693.851	930572.236	46.229



المسوحات الجوية لقرية العبد			
POINT	EASTING	NORTHING	ELIV
P1	548686.11	930591.307	46.507
P2	548701.667	930589.567	46.181
P3	548711.197	930585.89	46.297
P4	548719.387	930583.533	46.431
P5	548725.1055	930581.1915	46.21
P6	548730.315	930579.344	46.307
P7	548740.094	930574.927	46.413
P8	548765.732	930570.909	46.368
P9	548779.498	930566.777	46.54
P10	548793.714	930563.116	46.711
P11	548807.946	930561.39	46.22
P12	548816.894	930561.056	46.632
P13	548825.778	930560.491	46.752
P14	548839.594	930548.875	46.984
P15	548839.677	930544.758	46.352
P16	548848.988	930541.235	46.721
P17	548852.04	930530.076	46.663
P18	548860.351	930542.715	46.974
P19	548869.432	930539.837	46.532
P20	548866.031	930560.365	46.121
P21	548885.314	930557.541	46.531
P22	548904.675	930556.302	46.731
P23	548904.286	930552.71	46.964
P24	548901.342	930546.094	46.731
P25	548902.227	930544.108	46.05
P26	548790.557	930561.813	46.522
P27	548798.657	930557.060	46.931
P28	548785.288	930555.343	46.572
P29	548792.289	930551.6081	46.332
P30	548792.146	930549.91	46.914
P31	548781.287	930544.102	46.882
P32	548793.229	930543.861	46.631
P33	548774.9005	930566.2775	46.777
P34	548773.2872	930562.0138	46.914
P35	548771.7837	930559.9571	46.113
P36	548767.3355	930550.6065	46.766
P37	548746.6745	930555.2746	46.789
P38	548765.152	930548.937	46.504
P39	548745.346	930547.831	46.132
P40	548753.402	930572.036	46.437

شبكة (نقطة - نقطة) للحدود			
POINT	EASTING	NORTHING	HEIG.
P41	548752.146	930567.918	46.951
P42	548752.458	930565.509	46.852
P43	548747.6548	930561.9098	46.973
P44	548746.704	930560.895	46.357
P45	548745.519	930558.345	46.99
P46	548745.637	930556.099	46.162
P47	548735.305	930576.139	46.692
P48	548732.9709	930574.7241	46.844
P49	548735.1927	930572.5768	46.555
P50	548734.5405	930570.5928	46.344
P51	548729.4719	930576.2906	46.755
P52	548725.1301	930579.3807	46.963
P53	548718.429	930570.452	46.41
P54	548718.157	930569.87	46.022
P55	548717.137	930565.116	46.808
P56	548716.555	930565.118	46.904
P57	548717.9658	930581.4191	46.776
P58	548696.079	930589.499	46.937
P59	548696.48	930581.6012	46.883
P60	548696.4767	930581.1964	46.711
P61	548694.81	930576.263	46.73
P62	548694.126	930574.873	46.666
P63	548693.905	930572.73	46.484
P64	548693.951	930572.236	46.226



132.92  
الموسيقى العربية



شبكة روتر الخرجية 20240302			
Priority	LAN IP	WAN IP	Subnet
21	5400072181	910540115	46.729
72	5400071379	910545183	46.771
12	5400081718	910542301	46.802
34	5400081978	910539216	46.808
45	5400116151	910539467	46.838
35	5400265429	910542149	46.852
72	540027113	910539827	46.774
18	5400377501	910547544	46.765
34	540039408	910532373	46.083
210	5401114078	910550715	46.084
811	540114121	910537746	46.894
712	540119118	910544165	46.834
813	540119118	910541547	46.984
711	540203341	910537717	46.08
813	540119277	910539602	46.779
816	540150116	910531804	46.877
812	540203189	910541111	46.909
716	540211297	910106978	46.928
816	540211129	910532428	46.983
220	540205367	910551549	46.797
213	5402031529	910547110	46.824
220	540207746	910541344	46.843
713	540207567	910540594	46.902
814	540207549	910536293	46.941
714	540215297	910536101	46.888
22	540217401	910538522	46.814
817	540217467	910103546	46.915
818	540218381	910547408	46.948
819	540219885	910550211	46.907
240	540225649	910548204	46.8
817	5402252789	910540799	46.978
716	540231266	910541111	46.897
812	540231571	910537767	46.958
719	540231710	910534998	46.975
815	540231515	910531844	46.862
719	540231881	910530107	46.86
817	540231881	910547025	46.889
710	540232571	910546049	46.88
819	540231185	910540718	46.811
810	540232473	910548785	46.9
813	540241173	910543168	46.812
817	540242248	910539123	46.974
813	540242108	910535844	46.87
819	540242247	910531058	46.87

١٠	١١	١٢	١٣	١٤	١٥	١٦	١٧	١٨
١٩	٢٠	٢١	٢٢	٢٣	٢٤	٢٥	٢٦	٢٧
٢٨	٢٩	٣٠	٣١	٣٢	٣٣	٣٤	٣٥	٣٦
٣٧	٣٨	٣٩	٤٠	٤١	٤٢	٤٣	٤٤	٤٥
٤٦	٤٧	٤٨	٤٩	٥٠	٥١	٥٢	٥٣	٥٤
٥٥	٥٦	٥٧	٥٨	٥٩	٦٠	٦١	٦٢	٦٣
٦٤	٦٥	٦٦	٦٧	٦٨	٦٩	٧٠	٧١	٧٢
٧٣	٧٤	٧٥	٧٦	٧٧	٧٨	٧٩	٨٠	٨١
٨٢	٨٣	٨٤	٨٥	٨٦	٨٧	٨٨	٨٩	٩٠
٩١	٩٢	٩٣	٩٤	٩٥	٩٦	٩٧	٩٨	٩٩

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

ردیف	کد حساب	شرح حساب	مبلغ
1	5000000000	5000000000	46,779
2	5000000000	5000000000	46,779
3	5000000000	5000000000	46,779
4	5000000000	5000000000	46,779
5	5000000000	5000000000	46,779
6	5000000000	5000000000	46,779
7	5000000000	5000000000	46,779
8	5000000000	5000000000	46,779
9	5000000000	5000000000	46,779
10	5000000000	5000000000	46,779
11	5000000000	5000000000	46,779
12	5000000000	5000000000	46,779
13	5000000000	5000000000	46,779
14	5000000000	5000000000	46,779
15	5000000000	5000000000	46,779
16	5000000000	5000000000	46,779
17	5000000000	5000000000	46,779
18	5000000000	5000000000	46,779
19	5000000000	5000000000	46,779
20	5000000000	5000000000	46,779
21	5000000000	5000000000	46,779
22	5000000000	5000000000	46,779
23	5000000000	5000000000	46,779
24	5000000000	5000000000	46,779
25	5000000000	5000000000	46,779
26	5000000000	5000000000	46,779
27	5000000000	5000000000	46,779
28	5000000000	5000000000	46,779
29	5000000000	5000000000	46,779
30	5000000000	5000000000	46,779
31	5000000000	5000000000	46,779
32	5000000000	5000000000	46,779
33	5000000000	5000000000	46,779
34	5000000000	5000000000	46,779
35	5000000000	5000000000	46,779
36	5000000000	5000000000	46,779
37	5000000000	5000000000	46,779
38	5000000000	5000000000	46,779
39	5000000000	5000000000	46,779
40	5000000000	5000000000	46,779
41	5000000000	5000000000	46,779
42	5000000000	5000000000	46,779
43	5000000000	5000000000	46,779
44	5000000000	5000000000	46,779
45	5000000000	5000000000	46,779
46	5000000000	5000000000	46,779
47	5000000000	5000000000	46,779
48	5000000000	5000000000	46,779
49	5000000000	5000000000	46,779
50	5000000000	5000000000	46,779

١٠	١١	١٢	١٣	١٤	١٥	١٦	١٧	١٨
١٩	٢٠	٢١	٢٢	٢٣	٢٤	٢٥	٢٦	٢٧
٢٨	٢٩	٣٠	٣١	٣٢	٣٣	٣٤	٣٥	٣٦
٣٧	٣٨	٣٩	٤٠	٤١	٤٢	٤٣	٤٤	٤٥
٤٦	٤٧	٤٨	٤٩	٥٠	٥١	٥٢	٥٣	٥٤
٥٥	٥٦	٥٧	٥٨	٥٩	٦٠	٦١	٦٢	٦٣
٦٤	٦٥	٦٦	٦٧	٦٨	٦٩	٧٠	٧١	٧٢
٧٣	٧٤	٧٥	٧٦	٧٧	٧٨	٧٩	٨٠	٨١
٨٢	٨٣	٨٤	٨٥	٨٦	٨٧	٨٨	٨٩	٩٠
٩١	٩٢	٩٣	٩٤	٩٥	٩٦	٩٧	٩٨	٩٩

١٠٠٠

المادة	الدرجة	الوقت	الدرجة
1	10	10	10
2	10	10	10
3	10	10	10
4	10	10	10
5	10	10	10
6	10	10	10
7	10	10	10
8	10	10	10
9	10	10	10
10	10	10	10
11	10	10	10
12	10	10	10
13	10	10	10
14	10	10	10
15	10	10	10
16	10	10	10
17	10	10	10
18	10	10	10
19	10	10	10
20	10	10	10
21	10	10	10
22	10	10	10
23	10	10	10
24	10	10	10
25	10	10	10
26	10	10	10
27	10	10	10
28	10	10	10
29	10	10	10
30	10	10	10
31	10	10	10
32	10	10	10
33	10	10	10
34	10	10	10
35	10	10	10
36	10	10	10
37	10	10	10
38	10	10	10
39	10	10	10
40	10	10	10
41	10	10	10
42	10	10	10
43	10	10	10
44	10	10	10
45	10	10	10
46	10	10	10
47	10	10	10
48	10	10	10
49	10	10	10
50	10	10	10
51	10	10	10
52	10	10	10
53	10	10	10
54	10	10	10
55	10	10	10
56	10	10	10
57	10	10	10
58	10	10	10
59	10	10	10
60	10	10	10
61	10	10	10
62	10	10	10
63	10	10	10
64	10	10	10
65	10	10	10
66	10	10	10
67	10	10	10
68	10	10	10
69	10	10	10
70	10	10	10
71	10	10	10
72	10	10	10
73	10	10	10
74	10	10	10
75	10	10	10
76	10	10	10
77	10	10	10
78	10	10	10
79	10	10	10
80	10	10	10
81	10	10	10
82	10	10	10
83	10	10	10
84	10	10	10
85	10	10	10
86	10	10	10
87	10	10	10
88	10	10	10
89	10	10	10
90	10	10	10
91	10	10	10
92	10	10	10
93	10	10	10
94	10	10	10
95	10	10	10
96	10	10	10
97	10	10	10
98	10	10	10
99	10	10	10
100	10	10	10

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

المساحة المثلثية

مراجعة حساب المصاريف بالدرجاة الاولى			
(معدل)	(6511006)	(6511006)	(6511006)
P1	540000.101	930548.85	42.375
P2	540000.120	930548.181	42.568
P3	540000.114	930542.303	42.15
P4	540000.126	930547.944	42.334
P5	540000.113	930544.827	42.394
P6	540000.106	930542.066	42
P7	540000.124	930547.796	42.48
P8	540000.110	930545.155	41.99
P9	540000.118	930541.347	42.33
P10	540000.102	930546.978	42.21
P11	540000.103	930542.6	42.874
P12	540000.129	930547.439	42.46
P13	540000.146	930543.834	41.887
P14	540000.163	930540.954	43.01
P15	540000.141	930547.308	42.75
P16	540000.162	930540.546	42.311
P17	540000.161	930539.522	42.821
P18	540000.119	930540.204	42.344
P19	540000.154	930544.709	42.714
P20	540000.196	930544.331	42.005
P21	540000.171	930537.262	42.81
P22	540000.121	930546.069	42.821
P23	540000.183	930542.025	42.299
P24	540000.184	930538.105	42.0121
P25	540000.173	930543.058	42.17
P26	540000.100	930539.121	41.520
P27	540000.198	930535.844	41.05







حصر كميات الأساس لزوم ردم منزل ومطلع أبو حمص اتجاه مدينة أبو حمص

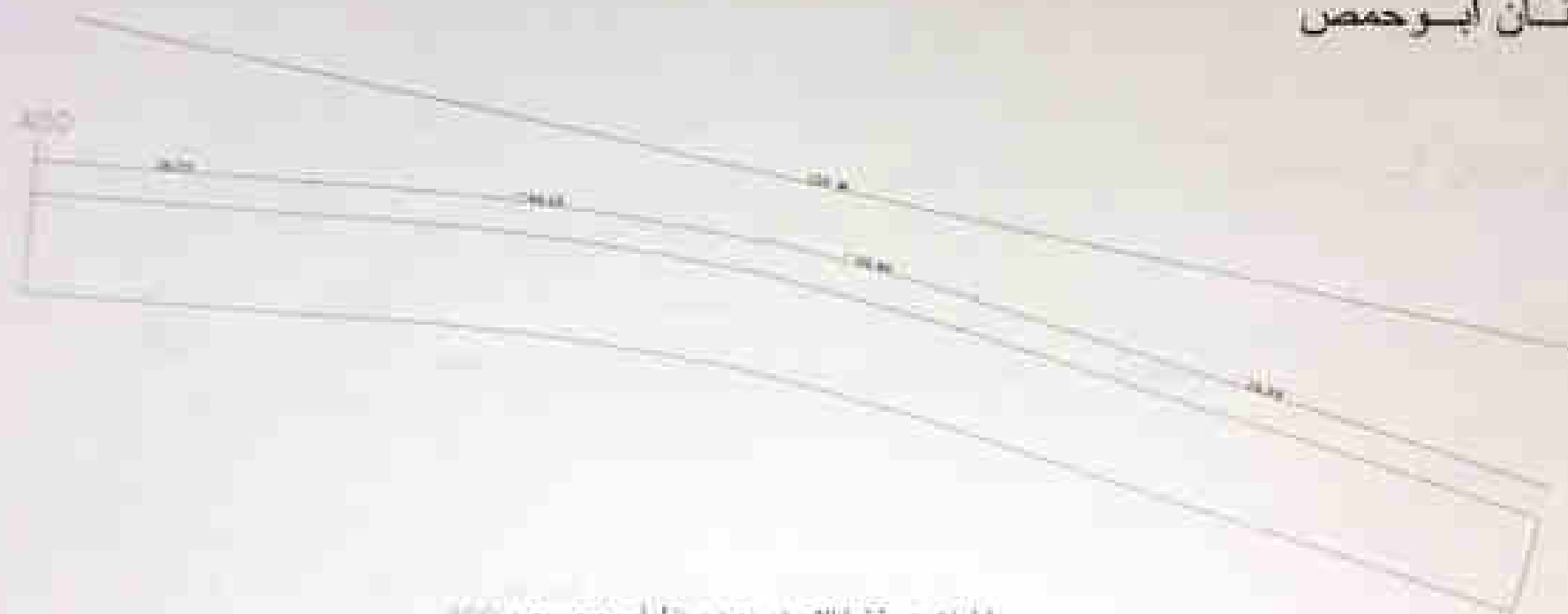
العنصر	المساحة	العمق	الحجم (م <sup>3</sup> )
منزل الكوبري	1492.5	0.65	970.1
مطلع الكوبري	1274.8	0.65	828.6
منطقة الدوران (الصلبة)	1677.8	0.35	587
أعمال ردم قطاع منطقة البري	585.4	1.6	937
الإجمالي (م <sup>3</sup> )			3322.6

مدير المشروع الاستشاري

علاء

مهندس الشركة

قوسى مزلقان ابو حمص



مساحة رتم نقطة الاسفل بعد سورا ابو حمص بعد 450

$$\text{AREA} = 1492.5 \text{ M}^2$$

کوہری مزلقان ابو حمص

عليه السلام عليه السلام عليه السلام عليه السلام

$$AHE/A = 1234.8 \text{ MeV}$$

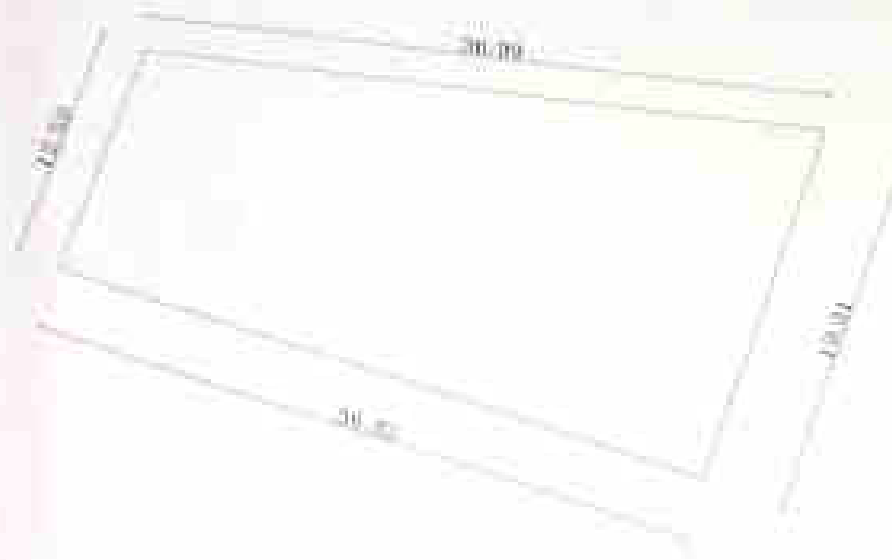
## كوبري مزلقان أبو حمص



قطار ذو منطقة الإسفلتية كمنزلة في كوبري مزلقان أبو حمص (المنطقة)

$$\text{AREA} = 1677.8 \text{ M}^2$$

## كوبرى مزلقان أبو حمص



قطاع ردم طبقة الأساس لمبنى الكوبرى الموجود فى مطلع الكوبرى قبل AOB

$$\text{AREA} = 585.4\text{M}^2$$



ALHILPOLIS  
Concrete Technology Centre  
Design - Quality Control - Testing

مركز أبحاث تكنولوجيا الخرسانة  
التصميم - مراقبة الجودة - اختبار



مركز أبحاث تكنولوجيا الخرسانة  
التصميم - مراقبة الجودة - اختبار

مركز أبحاث تكنولوجيا الخرسانة

Determination of Acid Density - ASTM D 1556

Item	10/11/2024	
Station No	[Blank]	
Page no	1	
Upper Thickness	20 cm	بسم الله الرحمن الرحيم
Level		

Test Results

Max. Dry Density (g/m <sup>3</sup> )	2.40
W.M.T. %	6.4%
Moist Density of Molded Soil (g/m <sup>3</sup> )	1.32
Degree of Compaction Reported (%)	80%

Test No	1	
1. Wet Density of Molded Soil (g/m <sup>3</sup> ) (gms)	9275	
2. Wet Density of Molded Soil (g/m <sup>3</sup> ) (gms)	9700	
3. Wet Density of Molded Soil (g/m <sup>3</sup> ) (gms)	1110	
4. Wet Density of Molded Soil (g/m <sup>3</sup> ) (gms)	2127	
5. Wet Density of Molded Soil (g/m <sup>3</sup> ) (gms)	1200	
6. Wet Density of Molded Soil (g/m <sup>3</sup> ) (gms)	1100	
7. Wet Density of Molded Soil (g/m <sup>3</sup> ) (gms)	900	
8. Wet Density of Molded Soil (g/m <sup>3</sup> ) (gms)	920	
9. Wet Density of Molded Soil (g/m <sup>3</sup> ) (gms)	970	
10. Wet Density of Molded Soil (g/m <sup>3</sup> ) (gms)	40	
11. Wet Density of Molded Soil (g/m <sup>3</sup> ) (gms)	1.2%	
12. Wet Density of Molded Soil (g/m <sup>3</sup> ) (gms)	2211	
13. Wet Density of Molded Soil (g/m <sup>3</sup> ) (gms)	2.30	
14. Wet Density of Molded Soil (g/m <sup>3</sup> ) (gms)	2.10	
15. Wet Density of Molded Soil (g/m <sup>3</sup> ) (gms)	90.0%	

Test Results of Helipolis

Complete

Not complete

Helipolis

Computer data

Test Date



Helipolis



HELIOPOLIS  
Concrete Technology Centre  
Design - Quality Control - Testing

مركز تكنولوجيا الخرسانة  
التصميم و مراقبة الجودة و اختبار  
مركز للمواد و الخرسانة  
011 2333 3333

مركز الخرسانة  
التصميم و مراقبة الجودة و اختبار  
(CAPACT)

مشروع كوبري من لجان أبو حصص الطور ١

Determination of field density - ASTM D 1550

Date	05/11/2023		
Station No.	انستكاش راسب نزهة ابو حصص لسان القنبلة الجديدة		
Layer no.	6		
Layer Thickness	25		
Gravel			

Mid Proctor Test (Typical Results) >

Max. Dry Density (ton/cu m <sup>3</sup> )	2.409
Opt. M.C. (%)	11.4%
Mois. Density of compacted soil (ton/cu m <sup>3</sup> )	1.52
Degree of Compaction Required (%)	88%

Test No	1	2
Wt. of Container + Sand (Before test) (gm)	8948	
Wt. of Container + Sand (After test) (gm)	5868	
Wt. of Soil in Cone (gm)	1518	
Wt. of Soil in Hole (gm)	1462	
Volume of Test Hole (cu m <sup>3</sup> )	962	
Wt. of Container (gm)	138	
Wt. of Container + Wet Soil (gm)	600	
Wt. of Container + Dry Soil (gm)	668	
Wt. of Dry Soil (gm)	718	
Wt. of Water (gm)	40	
Moisture Content (%)	5.6%	
Wt. of Soil from Test Hole (gm)	2038	
Wet Density of Test Soil (ton/cu m <sup>3</sup> )	2.12	
Dry Density of Test Soil (ton/cu m <sup>3</sup> )	2.02	
compaction %	97.2%	
Acceptance	Y	

QC/ Tech Eng

Company Eng

Client Eng



Handwritten signature





**HELIOPOLIS**  
Concrete Technology Center  
Design - Quality Control - Testing

مركز تكنولوجيا الخرسانة  
التصميم - مراقبة الجودة - الاختبار  
16 شارع النور - حي النور - القاهرة - مصر  
11111111

المعتمدة  
من قبل  
الجمعية المصرية  
للمهندسين  
(E.E.S.E.)

مطابق مع المواصفة القياسية الدولية

Determination of field density - ASTM D 1556

Date	04/11/2022
Station NO.	استكمال الجبل - نوبة ابو حنيس (سور المنطقة السكنية)
Editor no.	5
Layer Thickness	25
Level	م-2

Moisture Testing Results	
Max. Dry Density (gms/cm <sup>3</sup> )	2.08
OMC %	8.4%
Field Density of Tamped Soil (gms/cm <sup>3</sup> )	1.92
Degree of Compaction Required (%)	95%

Test No.	1
Wt. of Container + Soil (Before Test) (gm)	9450
Wt. of Container + Soil (After Test) (gm)	6225
Wt. of Soil in Core (gm)	3225
Wt. of Soil in Mold (gm)	6005
Volume of Test Plate (cm <sup>3</sup> )	1.00
Wt. of Container (gm)	110
Wt. of Container + Wet Soil (gm)	1009
Wt. of Container + Dry Soil (gm)	420
Wt. of Dry Soil (gm)	589
Wt. of Moisture (gm)	30
Moisture Content (%)	6.3%
Wt. of Soil After Test Plate (gm)	2310
Wet Density of Tamped Soil (gms/cm <sup>3</sup> )	2.31
Dry Density of Tamped Soil (gms/cm <sup>3</sup> )	2.19
Compaction %	92.5%
Acceptable	Y

QC/Job Eng

Company Eng

Cons. Eng



عبدالله

1000

**Best of MLSE** - [www.mlsnet.com](http://www.mlsnet.com)

Table	P.22/11/2023	
Student No.	Predicted overall average (average of all 4 subjects) (Predicted)	
Subject No.	#	avg
1st term Predicted	27	
Grand		

[illegible]

Test No.	T
wt. of Producer + fluid (before test) (gms.)	99.60
wt. of Condenser + fluid (after test) (gms.)	174.2
wt. of fluid in Cond. (gms.)	131.6
wt. of fluid in plate (gms.)	10.07
Volume of fluid in plate (cu. in.)	1.116
wt. of Condenser (gms.)	1.24
wt. of Condenser + fluid (gms.)	6.10
wt. of producer + test fluid (gms.)	9.00
wt. of dry bulb (gms.)	7.14
wt. of Moisture (gms.)	.86
Moisture Fraction (1/2)	0.27%
wt. of test piece Test plate (gms.)	2.045
wt. density of tested bulb (gms./cu. in.)	2.12
wt. density of tested fluid (gms./cu. in.)	1.99
Contraction %	61.1%
Acceptance	Y

1000

[illegible]

100

HELIOPOLEIS

© 2004 Blackwell Publishing Ltd *Journal of Internal Medicine* 255: 111–118

Determination of Field density - ASTM D 1556

Item	Q1/11/2021
Quantity sold	100000 units
Cost per unit	1
Cost of the stock	22
Total	40

**Abstract**

Max. dry density (kN/m <sup>3</sup> )	2.04
0.95 $\gamma_r$	1.94
min. void ratio (max. dry density)	1.47
Specific moisture required (%)	10.0

[illegible]



Helipolis  
Concrete Reinforcing Centre  
Design - Quality Control Testing



ملحق رقم ١ من تقرير فحص الخرسانة

Determination of Mortar Density - ASTM D 1556

Date	14/10/2023
Tested At	Basic Strength test room at the each district
Figure no	2
Sample Description	20 cubes
Unit	(kg/m <sup>3</sup> )

Moist Proctor (Fresh Density) :	
Moist Dry Density (g/cc)	2.20
O.M.C. %	6.4%
Dust Content of Mortar (g/100g)	1.32
Percent of Compaction Required (%)	100%

Test No.	3
Wt. of Container + Seal (Before test) (gms)	2028
Wt. of Container + Seal (After test) (gms)	3248
Wt. of Seal in Case (gms)	1558
Wt. of Seal in Mold (gms)	2702
Volume of Seal Mold (cm <sup>3</sup> )	1442
Wt. of Container (gms)	208
Wt. of Container + Seal (gms)	1000
Wt. of Container + Dry Seal (gms)	898
Wt. of Dry Seal (gms)	800
Wt. of Water (gms)	98
Moisture Content (%)	4.8%
Wt. of Seal from Test Mold (gms)	3255
Moist Density of Fresh Seal (g/cc)	2.28
Wt. of Seal from Test Mold (gms)	2.28
Compaction %	100%

Required strength :

Target

Reliable

Printed By

Company Stamp

Check By



Signature



Downloaded from <http://ajph.org/> at University of California, San Diego on June 11, 2015

[illegible][illegible]

1

100

1

## Stodopols

المسوحة قبوليا بـ CamScanner

[illegible]

Department of New Faculty - April 1988

Name	24/10/2023
Phone No	المستشار العام للمحكمة الدستورية
Age	1
Height	20 cm
Weight	طولة الجسم

Sample	Sample Weight (g)	Sample Volume (cm <sup>3</sup> )	Sample Density (g/cm <sup>3</sup> )
1	1.23	1.23	1.00
2	1.23	1.23	1.00
3	1.23	1.23	1.00
4	1.23	1.23	1.00
5	1.23	1.23	1.00
6	1.23	1.23	1.00
7	1.23	1.23	1.00
8	1.23	1.23	1.00
9	1.23	1.23	1.00
10	1.23	1.23	1.00

[illegible]

100

1

100

100

100

1000

**HELIOPOLIS**  
Société Immobilière d'Égypte  
S.A. 1922  
Le Caire



1000

[illegible]

30 Jan 1998

HELIOPOPOLIS

James










Company Sig

Comm Sig

大正十一年三月

Quantity of Availability - ASTM D 1651

Page	30/10/2023	
Account No.	المصارف العامة (البنك المركزي)	
Exercises	3	المصارف العامة
Exerc 2023/10/01	20/10	
Exerc		

<p> <a href="#">  University of Illinois Chicago</a> </p> <p> <a href="#">  University of Illinois Chicago</a> </p>	<p> <a href="#">  University of Illinois Chicago</a> </p> <p> <a href="#">  University of Illinois Chicago</a> </p>	<p> <a href="#">  University of Illinois Chicago</a> </p> <p> <a href="#">  University of Illinois Chicago</a> </p>	<p> <a href="#">  University of Illinois Chicago</a> </p> <p> <a href="#">  University of Illinois Chicago</a> </p>	<p> <a href="#">  University of Illinois Chicago</a> </p> <p> <a href="#">  University of Illinois Chicago</a> </p>	<p> <a href="#">  University of Illinois Chicago</a> </p> <p> <a href="#">  University of Illinois Chicago</a> </p>	<p> <a href="#">  University of Illinois Chicago</a> </p> <p> <a href="#">  University of Illinois Chicago</a> </p>	<p> <a href="#">  University of Illinois Chicago</a> </p> <p> <a href="#">  University of Illinois Chicago</a> </p>
---	--	---	---	---	---	---	---

Test No.	T
Net of Composite - Bond (Percent Bond) - Case 1	0.050
Net of Composite - Bond (Percent Bond) - Case 2	0.071
Net of Bond - Bond - Case 1	0.070
Net of Bond - Bond - Case 2	0.117
Net of Bond - Bond - Case 3	0.119
Net of Composite - Case 1	0.09
Net of Composite - Case 2	0.090
Net of Composite - Case 3	0.09
Net of Bond - Case 1	0.09
Net of Bond - Case 2	0.09
Net of Bond - Case 3	0.09
Net of Bond - Case 4	0.09
Net of Bond - Case 5	0.09
Net of Bond - Case 6	0.09
Net of Bond - Case 7	0.09
Net of Bond - Case 8	0.09
Net of Bond - Case 9	0.09
Net of Bond - Case 10	0.09
Net of Bond - Case 11	0.09
Net of Bond - Case 12	0.09
Net of Bond - Case 13	0.09
Net of Bond - Case 14	0.09
Net of Bond - Case 15	0.09
Net of Bond - Case 16	0.09
Net of Bond - Case 17	0.09
Net of Bond - Case 18	0.09
Net of Bond - Case 19	0.09
Net of Bond - Case 20	0.09
Net of Bond - Case 21	0.09
Net of Bond - Case 22	0.09
Net of Bond - Case 23	0.09
Net of Bond - Case 24	0.09
Net of Bond - Case 25	0.09
Net of Bond - Case 26	0.09
Net of Bond - Case 27	0.09
Net of Bond - Case 28	0.09
Net of Bond - Case 29	0.09
Net of Bond - Case 30	0.09
Net of Bond - Case 31	0.09
Net of Bond - Case 32	0.09
Net of Bond - Case 33	0.09
Net of Bond - Case 34	0.09
Net of Bond - Case 35	0.09
Net of Bond - Case 36	0.09
Net of Bond - Case 37	0.09
Net of Bond - Case 38	0.09
Net of Bond - Case 39	0.09
Net of Bond - Case 40	0.09
Net of Bond - Case 41	0.09
Net of Bond - Case 42	0.09
Net of Bond - Case 43	0.09
Net of Bond - Case 44	0.09
Net of Bond - Case 45	0.09
Net of Bond - Case 46	0.09
Net of Bond - Case 47	0.09
Net of Bond - Case 48	0.09
Net of Bond - Case 49	0.09
Net of Bond - Case 50	0.09
Net of Bond - Case 51	0.09
Net of Bond - Case 52	0.09
Net of Bond - Case 53	0.09
Net of Bond - Case 54	0.09
Net of Bond - Case 55	0.09
Net of Bond - Case 56	0.09
Net of Bond - Case 57	0.09
Net of Bond - Case 58	0.09
Net of Bond - Case 59	0.09
Net of Bond - Case 60	0.09
Net of Bond - Case 61	0.09
Net of Bond - Case 62	0.09
Net of Bond - Case 63	0.09
Net of Bond - Case 64	0.09
Net of Bond - Case 65	0.09
Net of Bond - Case 66	0.09
Net of Bond - Case 67	0.09
Net of Bond - Case 68	0.09
Net of Bond - Case 69	0.09
Net of Bond - Case 70	0.09
Net of Bond - Case 71	0.09
Net of Bond - Case 72	0.09
Net of Bond - Case 73	0.09
Net of Bond - Case 74	0.09
Net of Bond - Case 75	0.09
Net of Bond - Case 76	0.09
Net of Bond - Case 77	0.09
Net of Bond - Case 78	0.09
Net of Bond - Case 79	0.09
Net of Bond - Case 80	0.09
Net of Bond - Case 81	0.09
Net of Bond - Case 82	0.09
Net of Bond - Case 83	0.09
Net of Bond - Case 84	0.09
Net of Bond - Case 85	0.09
Net of Bond - Case 86	0.09
Net of Bond - Case 87	0.09
Net of Bond - Case 88	0.09
Net of Bond - Case 89	0.09
Net of Bond - Case 90	0.09
Net of Bond - Case 91	0.09
Net of Bond - Case 92	0.09
Net of Bond - Case 93	0.09
Net of Bond - Case 94	0.09
Net of Bond - Case 95	0.09
Net of Bond - Case 96	0.09
Net of Bond - Case 97	0.09
Net of Bond - Case 98	0.09
Net of Bond - Case 99	0.09
Net of Bond - Case 100	0.09

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

1

11

1



1000

1. **Introduction**

2. **Background**

3. **Methods**

4. **Results**

5. **Conclusion**

6. **References**

7. **Appendix**

8. **Table 1**

9. **Table 2**

10. **Table 3**

11. **Table 4**

12. **Table 5**

13. **Table 6**

14. **Table 7**

15. **Table 8**

16. **Table 9**

17. **Table 10**

18. **Table 11**

19. **Table 12**

20. **Table 13**

21. **Table 14**

22. **Table 15**

23. **Table 16**

24. **Table 17**

25. **Table 18**

26. **Table 19**

27. **Table 20**

28. **Table 21**

29. **Table 22**

30. **Table 23**

31. **Table 24**

32. **Table 25**

33. **Table 26**

34. **Table 27**

35. **Table 28**

36. **Table 29**

37. **Table 30**

38. **Table 31**

39. **Table 32**

40. **Table 33**

41. **Table 34**

42. **Table 35**

43. **Table 36**

44. **Table 37**

45. **Table 38**

46. **Table 39**

47. **Table 40**

48. **Table 41**

49. **Table 42**

50. **Table 43**

51. **Table 44**

52. **Table 45**

53. **Table 46**

54. **Table 47**

55. **Table 48**

56. **Table 49**

57. **Table 50**

58. **Table 51**

59. **Table 52**

60. **Table 53**

61. **Table 54**

62. **Table 55**

63. **Table 56**

64. **Table 57**

65. **Table 58**

66. **Table 59**

67. **Table 60**

68. **Table 61**

69. **Table 62**

70. **Table 63**

71. **Table 64**

72. **Table 65**

73. **Table 66**

74. **Table 67**

75. **Table 68**

76. **Table 69**

77. **Table 70**

78. **Table 71**

79. **Table 72**

80. **Table 73**

81. **Table 74**

82. **Table 75**

83. **Table 76**

84. **Table 77**

85. **Table 78**

86. **Table 79**

87. **Table 80**

88. **Table 81**

89. **Table 82**

90. **Table 83**

91. **Table 84**

92. **Table 85**

93. **Table 86**

94. **Table 87**

95. **Table 88**

96. **Table 89**

97. **Table 90**

98. **Table 91**

99. **Table 92**

100. **Table 93**

101. **Table 94**

102. **Table 95**

103. **Table 96**

104. **Table 97**

105. **Table 98**

106. **Table 99**

107. **Table 100**

108. **Table 101**

109. **Table 102**

110. **Table 103**

111. **Table 104**

112. **Table 105**

113. **Table 106**

114. **Table 107**

115. **Table 108**

116. **Table 109**

117. **Table 110**

118. **Table 111**

119. **Table 112**

120. **Table 113**

121. **Table 114**

122. **Table 115**

123. **Table 116**

124. **Table 117**

125. **Table 118**

126. **Table 119**

127. **Table 120**

128. **Table 121**

129. **Table 122**

130. **Table 123**

131. **Table 124**

132. **Table 125**

133. **Table 126**

134. **Table 127**

135. **Table 128**

136. **Table 129**

137. **Table 130**

138. **Table 131**

139. **Table 132**

140. **Table 133**

141. **Table 134**

142. **Table 135**

143. **Table 136**

144. **Table 137**

145. **Table 138**

146. **Table 139**

147. **Table 140**

148. **Table 141**

149. **Table 142**

150. **Table 143**

151. **Table 144**

152. **Table 145**

153. **Table 146**

154. **Table 147**

155. **Table 148**

156. **Table 149**

157. **Table 150**

158. **Table 151**

159. **Table 152**

160. **Table 153**

161. **Table 154**

162. **Table 155**

163. **Table 156**

164. **Table 157**

165. **Table 158**

166. **Table 159**

167. **Table 160**

168. **Table 161**

169. **Table 162**

170. **Table 163**

171. **Table 164**

172. **Table 165**

173. **Table 166**

174. **Table 167**

175. **Table 168**

176. **Table 169**

177. **Table 170**

178. **Table 171**

179. **Table 172**

180. **Table 173**

181. **Table 174**

182. **Table 175**

183. **Table 176**

184. **Table 177**

185. **Table 178**

186. **Table 179**

187. **Table 180**

188. **Table 181**

189. **Table 182**

190. **Table 183**

191. **Table 184**

192. **Table 185**

193. **Table 186**

194. **Table 187**

195. **Table 188**

196. **Table 189**

197. **Table 190**

198. **Table 191**

199. **Table 192**

200. **Table 193**

201. **Table 194**

202. **Table 195**

203. **Table 196**

204. **Table 197**

205. **Table 198**

206. **Table 199**

207. **Table 200**

208. **Table 201**

209. **Table 202**

210. **Table 203**

211. **Table 204**

212. **Table 205**

213. **Table 206**

214. **Table 207**

215. **Table 208**

216. **Table 209**

217. **Table 210**

218. **Table 211**

219. **Table 212**

220. **Table 213**

221. **Table 214**

222. **Table 215**

223. **Table 216**

224. **Table 217**

225. **Table 218**

226. **Table 219**

227. **Table 220**

228. **Table 221**

229. <



**HELIOPOLIS**  
EST. 1982  
100% COTTON  
MADE IN THE U.S.A.





1000

Department of Energy, University of Illinois at Chicago

Page	01/11/2023	
Assessment	المشاكل (المسائل) (Problems)	
Questions	4	المشاكل (المسائل) (Problems)
Approx. time	25 min	
Level		

[illegible]

Test No.	Test Results	Test Results
100	100	100
101	101	101
102	102	102
103	103	103
104	104	104
105	105	105
106	106	106
107	107	107
108	108	108
109	109	109
110	110	110
111	111	111
112	112	112
113	113	113
114	114	114
115	115	115
116	116	116
117	117	117
118	118	118
119	119	119
120	120	120
121	121	121
122	122	122
123	123	123
124	124	124
125	125	125
126	126	126
127	127	127
128	128	128
129	129	129
130	130	130
131	131	131
132	132	132
133	133	133
134	134	134
135	135	135
136	136	136
137	137	137
138	138	138
139	139	139
140	140	140
141	141	141
142	142	142
143	143	143
144	144	144
145	145	145
146	146	146
147	147	147
148	148	148
149	149	149
150	150	150
151	151	151
152	152	152
153	153	153
154	154	154
155	155	155
156	156	156
157	157	157
158	158	158
159	159	159
160	160	160
161	161	161
162	162	162
163	163	163
164	164	164
165	165	165
166	166	166
167	167	167
168	168	168
169	169	169
170	170	170
171	171	171
172	172	172
173	173	173
174	174	174
175	175	175
176	176	176
177	177	177
178	178	178
179	179	179
180	180	180
181	181	181
182	182	182
183	183	183
184	184	184
185	185	185
186	186	186
187	187	187
188	188	188
189	189	189
190	190	190
191	191	191
192	192	192
193	193	193
194	194	194
195	195	195
196	196	196
197	197	197
198	198	198
199	199	199
200	200	200

100



1

10

10

100

100

STODOL



HELIOFOLIS  
Concrete Technology Centre  
(Head) : Quality Control Testing

مركز تكنولوجيا الخرسانة  
رئيس قسم مراقبة الجودة  
د. محمد عبد الله



مشاريع الخرسانة سابقة الجهد - ASTM D 1590

Determination of field density - ASTM D 1590

Date	05/11/2023	
Station No	المستطال (المنطقة المرسية)	
Layer no.	3	
Layer Thickness	20 cm	
Area	مساحة المساحة	

Test Results	
Moist. Dry Density (gm/cm <sup>3</sup> )	2.20
CMC, %	6.4%
Moist. Density of Specimen (gm/cm <sup>3</sup> )	1.52
Degree of Compaction Required (%)	98%

Test No	1
Moist. Density of Specimen (gm/cm <sup>3</sup> )	90.25
Moist. Density of Specimen (gm/cm <sup>3</sup> )	94.01
Moist. Density of Specimen (gm/cm <sup>3</sup> )	93.18
Moist. Density of Specimen (gm/cm <sup>3</sup> )	20.22
Moist. Density of Specimen (gm/cm <sup>3</sup> )	12.10
Moist. Density of Specimen (gm/cm <sup>3</sup> )	15.0
Moist. Density of Specimen (gm/cm <sup>3</sup> )	80.0
Moist. Density of Specimen (gm/cm <sup>3</sup> )	94.0
Moist. Density of Specimen (gm/cm <sup>3</sup> )	7.00
Moist. Density of Specimen (gm/cm <sup>3</sup> )	4.0
Moist. Density of Specimen (gm/cm <sup>3</sup> )	5.1%
Moist. Density of Specimen (gm/cm <sup>3</sup> )	20.55
Moist. Density of Specimen (gm/cm <sup>3</sup> )	2.30
Moist. Density of Specimen (gm/cm <sup>3</sup> )	2.19
Moist. Density of Specimen (gm/cm <sup>3</sup> )	99.7%

Acceptance criteria

Comp

Not comply

QC/Job Eng

Company Eng

Cons. Eng



Handwritten signature

1000

**Contaminación por ruido de tráfico - APTA 01504**

تاريخ	07/11/2023
الجهة المستلمة	السلطة الوطنية لحقوق الإنسان (الهيئة العامة لحقوق الإنسان)
الجهة المرسلة	السلطة الوطنية لحقوق الإنسان
الجهة المستلمة	20 am
الجهة المرسلة	
الجهة المستلمة	

[illegible]

Test no.	$t$
wt. of Container + Soil (Before test) (gms)	8979
wt. of Container + Soil (After test) (gms)	7383
wt. of water loss (gms)	1596
wt. of soil in dish (gms)	2072
Volume of Test Hole (cm <sup>3</sup> )	1563
wt. of container (gms)	138
wt. of container + Test Soil (gms)	1070
wt. of Container + Dry Soil (gms)	970
wt. of Dry Soil (gms)	820
wt. of soil (gms)	48
Moisture Content (%)	4.9%
wt. of Soil from Test Hole (gms)	2112
Dry Density of Undist Soil (gm/cm <sup>3</sup> )	2.29
Dry Density of Tamped Soil (gm/cm <sup>3</sup> )	2.10
Compaction %	90.9%

100

100

Figure 1. A schematic diagram of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group received a standard 12-week training program, while the experimental group received a modified 12-week training program. The modified program included a 4-week pre-training period followed by an 8-week training period. The subjects were then divided into two subgroups: the control subgroup and the experimental subgroup. The control subgroup received a standard 12-week training program, while the experimental subgroup received a modified 12-week training program. The subjects were then divided into two subgroups: the control subgroup and the experimental subgroup. The control subgroup received a standard 12-week training program, while the experimental subgroup received a modified 12-week training program.

100

Copyright © 2004 by John Wiley & Sons, Inc.

100



**HELIOPOLIS**  
Concrete Technology Centre  
Design - Quality - Clinical - Testing

مركز تكنولوجيا الخرسانة  
تصميم - جودة - سرعات - اختبار



مركز تكنولوجيا الخرسانة - مركز الخرسانة

Determination of fluid density - ASTM D 1555

Date	09/11/2023	
Sample No.	استكمال رصف ابو حنبل (المنطقة)	
Supplies	T (1)	
Sample Description	20mm	
Level	طبقة كاسان	

Bulk Density Testing Results	
Wet Dry Density (g/cm <sup>3</sup> )	2.40
W.C. %	6.4%
Bulk Density of material (g/cm <sup>3</sup> )	1.52
Degree of Compaction (%)	98%

Test No	1	
Wt. of Container + Mold Before Test (gms.)	8002	
Wt. of Container + Mold (after Test) (gms.)	8168	
Wt. of Mold + Core (gms.)	8218	
Wt. of Sample Mold (gms.)	1907	
Volume of Test Mold (cm <sup>3</sup> )	1207	
Wt. of Container (gms.)	818	
Wt. of Container + Mold (gms.)	8000	
Wt. of Container + Dry Soil (gms.)	813	
Wt. of Dry Soil (gms.)	802	
Wt. of Water (gms.)	45	
Moisture Content (%)	5.6%	
Wt. of Sample Test Mold (gms.)	2395	
Wt. of Sample Test Mold (gms.)	229	
Dry Density of Test Mold (gms.)	2.28	
Dry Density of Test Mold (gms.)	2.28	
Compaction %	98.5%	

Attestation (Signature)

comp

not sample

Lab. Test Page

Complete Page

Test Page



المصوطة شوليا

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

Determination of field capacity: 43 May 1988

Date	04/12/2023
Student No.	10000000000000000000
Teacher	Dr. ...
Topic	...

[illegible]

Test No.	$T$	
Wt. of Container + Solid (Before Test) (gms.)	10.10	
Wt. of Container + Solid (After Test) (gms.)	12.60	
Wt. of Solid in Water (gms.)	2.50	
Wt. of Solid in Air (gms.)	2.52	
Volume of Test Solid (ccm.)	0.942	
Wt. of Test Solid (gms.)	0.54	
Wt. of Container + Test Solid (gms.)	9.56	
Wt. of Container + Dry Solid (gms.)	9.56	
Wt. of Dry Solid (gms.)	0.00	
Wt. of Water (gms.)	0.1	
Observed Change (ccm.)	1.66	
Wt. of Solid from Test Bottle (gms.)	2.57	
Wt. of Solid of Test Solid (gms.)	2.56	
Wt. of Solid of Test Solid (gms.)	2.17	
Complete Test No.		

1. The first step is to identify the problem or question that needs to be addressed. This involves understanding the context and the specific requirements of the task.

2. Next, it is important to gather relevant information and data. This can be done through research, consultation with experts, or by analyzing existing resources.

3. Once the information is gathered, the next step is to develop a plan or strategy. This involves breaking down the problem into smaller, manageable parts and determining the best approach to solve each part.

4. The fourth step is to implement the plan. This involves putting the strategy into action and monitoring progress along the way.

5. Finally, it is important to evaluate the results and make adjustments as needed. This involves reflecting on what worked well and what didn't, and using that information to improve future performance.

100

100

[illegible]

15 JULY 2004

100

100



11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847

**Advertisement for the 2004 U.S. Census**

|               |                                     |
|---------------|-------------------------------------|
| Date:         | 10/12/2023                          |
| Signature:    | Signature of the responsible person |
| Printed name: | _____                               |
| Signature:    | Signature of the responsible person |
| Printed name: | _____                               |
| Signature:    | Signature of the responsible person |
| Printed name: | _____                               |

[illegible][illegible][illegible]

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

1

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

100

|  |  |
|--|--|
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

100

1000

100



مهندس الشركة

## كوبرى مزلقان أبو حمص



قطاع البرق قطاع البنية الموجودة في مطلع أبو حمص

AREA = 661 M2



## Determination of field capacity: ASTM D 1555

|                  |                        |
|------------------|------------------------|
| Page:            | 24/11/2023             |
| Time (h):        | (Count for unit study) |
| Experiment:      | 2                      |
| Other Materials: | 20 cm                  |
| Unit:            |                        |

[illegible][illegible]

100



1

100

1000

100

**HELIO<sup>®</sup> OLIS**  
COPOLYESTER, 100% POLYESTER, 100% POLYESTER  
100% POLYESTER, 100% POLYESTER, 100% POLYESTER

Dr. J. S. S.



### Development of Print Community - ASTORIA 1954

|                                      |       |
|--------------------------------------|-------|
| Maximum Ring Width                   | 2.20  |
| Maximum Density (g/cm <sup>3</sup> ) | 0.476 |
| Q.M.C. %                             | 1.52  |
| Rate of Increase of Density          | 0.06  |

| Test No.  | P    | P |
|---|------|---|
| wt. of Container + Rated Discharge (vol.) (gm.) | 3000 |   |
| wt. of Container + Filled (water vol.) (gm.)    | 3229 |   |
| wt. of Filled in Case (gm.)                     | 2246 |   |
| wt. of Filled in Bottle (gm.)                   | 2222 |   |
| Volume of Test Item (ccm.)                      | 1920 |   |
| wt. of Container (gm.)                          | 150  |   |
| wt. of Container + Water vol. (gm.)             | 1910 |   |
| wt. of Container + Dry Salt (gm.)               | 942  |   |
| wt. of Dry Salt (gm.)                           | 411  |   |
| wt. of Water (gm.)                              | 42   |   |
| Relative Humidity (in %)                        | 55%  |   |
| wt. of Salt from Test Bottle (gm.)              | 2093 |   |
| wt. (density of Tested Salt) (gm./ccm.)         | 2.11 |   |
| dry Density of Tested Salt (gm./ccm.)           | 2.10 |   |
| Corrosivity %                                   | 100% |   |

حصر كميات الأساس لزوم ردم قطاع الميزينة بعد منزل الكوبري والموجود داخل التخطيط

| العنصر                     | المساحة | العمق | الحجم (م <sup>3</sup> ) |
|----------------------------|---------|-------|-------------------------|
| قطاع الميزينة              | 223.2   | 0.4   | 89.3                    |
| الإجمالي (م <sup>3</sup> ) |         |       | 89.3                    |

مدير المشروع الاستشاري

م. م. م. م.

مهندس الشركة

م. م. م. م.

# كوبرى مزلقان أبو حمص



قطاع الردم لقطاع البتريفة الموجود فى مفرز أبو حمص

$$\text{AREA} = 223.2 \text{ M}^2$$

© 2004 Blackwell Publishing Ltd, *Journal of Internal Medicine* 255: 103–110

## Determination of Acid Density - ASTM D 1554

|                  |  |            |
|------------------|--|------------|
| Page             | 27/28/2023                               |            |
| Student ID       | Student ID (10 digit) is provided below. |            |
| Group No.        | 1  | 4444444444 |
| Group Title/Name | 20 cm                                    |            |
| Project          |  |            |

|   |
|---|
| <p>             1. <b>Author(s)</b><br/>             2. <b>Title</b><br/>             3. <b>Journal</b><br/>             4. <b>Volume</b><br/>             5. <b>Issue</b><br/>             6. <b>Page(s)</b><br/>             7. <b>Year</b><br/>             8. <b>DOI</b><br/>             9. <b>URL</b><br/>             10. <b>Accession Number</b><br/>             11. <b>Keywords</b><br/>             12. <b>Abstract</b><br/>             13. <b>Notes</b><br/>             14. <b>References</b><br/>             15. <b>Comments</b><br/>             16. <b>Source</b><br/>             17. <b>Language</b><br/>             18. <b>Subject</b><br/>             19. <b>Classification</b><br/>             20. <b>Indexing</b><br/>             21. <b>Abstract</b><br/>             22. <b>Notes</b><br/>             23. <b>References</b><br/>             24. <b>Comments</b><br/>             25. <b>Source</b><br/>             26. <b>Language</b><br/>             27. <b>Subject</b><br/>             28. <b>Classification</b><br/>             29. <b>Indexing</b><br/>             30. <b>Abstract</b><br/>             31. <b>Notes</b><br/>             32. <b>References</b><br/>             33. <b>Comments</b><br/>             34. <b>Source</b><br/>             35. <b>Language</b><br/>             36. <b>Subject</b><br/>             37. <b>Classification</b><br/>             38. <b>Indexing</b><br/>             39. <b>Abstract</b><br/>             40. <b>Notes</b><br/>             41. <b>References</b><br/>             42. <b>Comments</b><br/>             43. <b>Source</b><br/>             44. <b>Language</b><br/>             45. <b>Subject</b><br/>             46. <b>Classification</b><br/>             47. <b>Indexing</b><br/>             48. <b>Abstract</b><br/>             49. <b>Notes</b><br/>             50. <b>References</b><br/>             51. <b>Comments</b><br/>             52. <b>Source</b><br/>             53. <b>Language</b><br/>             54. <b>Subject</b><br/>             55. <b>Classification</b><br/>             56. <b>Indexing</b><br/>             57. <b>Abstract</b><br/>             58. <b>Notes</b><br/>             59. <b>References</b><br/>             60. <b>Comments</b><br/>             61. <b>Source</b><br/>             62. <b>Language</b><br/>             63. <b>Subject</b><br/>             64. <b>Classification</b><br/>             65. <b>Indexing</b><br/>             66. <b>Abstract</b><br/>             67. <b>Notes</b><br/>             68. <b>References</b><br/>             69. <b>Comments</b><br/>             70. <b>Source</b><br/>             71. <b>Language</b><br/>             72. <b>Subject</b><br/>             73. <b>Classification</b><br/>             74. <b>Indexing</b><br/>             75. <b>Abstract</b><br/>             76. <b>Notes</b><br/>             77. <b>References</b><br/>             78. <b>Comments</b><br/>             79. <b>Source</b><br/>             80. <b>Language</b><br/>             81. <b>Subject</b><br/>             82. <b>Classification</b><br/>             83. <b>Indexing</b><br/>             84. <b>Abstract</b><br/>             85. <b>Notes</b><br/>             86. <b>References</b><br/>             87. <b>Comments</b><br/>             88. <b>Source</b><br/>             89. <b>Language</b><br/>             90. <b>Subject</b><br/>             91. <b>Classification</b><br/>             92. <b>Indexing</b><br/>             93. <b>Abstract</b><br/>             94. <b>Notes</b><br/>             95. <b>References</b><br/>             96. <b>Comments</b><br/>             97. <b>Source</b><br/>             98. <b>Language</b><br/>             99. <b>Subject</b><br/>             100. <b>Classification</b><br/>             101. <b>Indexing</b><br/>             102. <b>Abstract</b><br/>             103. <b>Notes</b><br/>             104. <b>References</b><br/>             105. <b>Comments</b><br/>             106. <b>Source</b><br/>             107. <b>Language</b><br/>             108. <b>Subject</b><br/>             109. <b>Classification</b><br/>             110. <b>Indexing</b><br/>             111. <b>Abstract</b><br/>             112. <b>Notes</b><br/>             113. <b>References</b><br/>             114. <b>Comments</b><br/>             115. <b>Source</b><br/>             116. <b>Language</b><br/>             117. <b>Subject</b><br/>             118. <b>Classification</b><br/>             119. <b>Indexing</b><br/>             120. <b>Abstract</b><br/>             121. <b>Notes</b><br/>             122. <b>References</b><br/>             123. <b>Comments</b><br/>             124. <b>Source</b><br/>             125. <b>Language</b><br/>             126. <b>Subject</b><br/>             127. <b>Classification</b><br/>             128. <b>Indexing</b><br/>             129. <b>Abstract</b><br/>             130. <b>Notes</b><br/>             131. <b>References</b><br/>             132. <b>Comments</b><br/>             133. <b>Source</b><br/>             134. <b>Language</b><br/>             135. <b>Subject</b><br/>             136. <b>Classification</b><br/>             137. <b>Indexing</b><br/>             138. <b>Abstract</b><br/>             139. <b>Notes</b><br/>             140. <b>References</b><br/>             141. <b>Comments</b><br/>             142. <b>Source</b><br/>             143. <b>Language</b><br/>             144. <b>Subject</b><br/>             145. <b>Classification</b><br/>             146. <b>Indexing</b><br/>             147. <b>Abstract</b><br/>             148. <b>Notes</b><br/>             149. <b>References</b><br/>             150. <b>Comments</b><br/>             151. <b>Source</b><br/>             152. <b>Language</b><br/>             153. <b>Subject</b><br/>             154. <b>Classification</b><br/>             155. <b>Indexing</b><br/>             156. <b>Abstract</b><br/>             157. <b>Notes</b><br/>             158. <b>References</b><br/>             159. <b>Comments</b><br/>             160. <b>Source</b><br/>             161. <b>Language</b><br/>             162. <b>Subject</b><br/>             163. <b>Classification</b><br/>             164. <b>Indexing</b><br/>             165. <b>Abstract</b><br/>             166. <b>Notes</b><br/>             167. <b>References</b><br/>             168. <b>Comments</b><br/>             169. <b>Source</b><br/>             170. <b>Language</b><br/>             171. <b>Subject</b><br/>             172. <b>Classification</b><br/>             173. <b>Indexing</b><br/>             174. <b>Abstract</b><br/>             175. <b>Notes</b><br/>             176. <b>References</b><br/>             177. <b>Comments</b><br/>             178. <b>Source</b><br/>             179. <b>Language</b><br/>             180. <b>Subject</b><br/>             181. <b>Classification</b><br/>             182. <b>Indexing</b><br/>             183. <b>Abstract</b><br/>             184. <b>Notes</b><br/>             185. <b>References</b><br/>             186. <b>Comments</b><br/>             187. <b>Source</b><br/>             188. <b>Language</b><br/>             189. <b>Subject</b><br/>             190. <b>Classification</b><br/>             191. <b>Indexing</b><br/>             192. <b>Abstract</b><br/>             193. <b>Notes</b><br/>             194. <b>References</b><br/>             195. <b>Comments</b><br/>             196. <b>Source</b><br/>             197. <b>Language</b><br/>             198. <b>Subject</b><br/>             199. <b>Classification</b><br/>             200. <b>Indexing</b><br/>             201. <b>Abstract</b><br/>             202. <b>Notes</b><br/>             203. <b>References</b><br/>             204. <b>Comments</b><br/>             205. <b>Source</b><br/>             206. <b>Language</b><br/>             207. <b>Subject</b><br/>             208. <b>Classification</b><br/>             209. <b>Indexing</b><br/>             210. <b>Abstract</b><br/>             211. <b>Notes</b><br/>             212. <b>References</b><br/>             213. <b>Comments</b><br/>             214. <b>Source</b><br/>             215. <b>Language</b><br/>             216. <b>Subject</b><br/>             217. <b>Classification</b><br/>             218. <b>Indexing</b><br/>             219. <b>Abstract</b><br/>             220. <b>Notes</b><br/>             221. <b>References</b><br/>             222. <b>Comments</b><br/>             223. <b>Source</b><br/>             224. <b>Language</b><br/>             225. <b>Subject</b><br/>             226. <b>Classification</b><br/>             227. <b>Indexing</b><br/>             228. <b>Abstract</b><br/>             229. <b>Notes</b><br/>             230. <b>References</b><br/>             231. <b>Comments</b><br/>             232. <b>Source</b><br/>             233. <b>Language</b><br/>             234. <b>Subject</b><br/>             235. <b>Classification</b><br/>             236. <b>Indexing</b><br/>             237. <b>Abstract</b><br/>             238. <b>Notes</b><br/>             239. <b>References</b><br/>             240. <b>Comments</b><br/>             241. <b>Source</b><br/>             242. <b>Language</b><br/>             243. <b>Subject</b><br/>             244. <b>Classification</b><br/>             245. <b>Indexing</b><br/>             246. <b>Abstract</b><br/>             247. <b>Notes</b><br/>             248. <b>References</b><br/>             249. <b>Comments</b><br/>             250. <b>Source</b><br/>             251. <b>Language</b><br/>             252. <b>Subject</b><br/>             253. <b>Classification</b><br/>             254. <b>Indexing</b><br/>             255. <b>Abstract</b><br/>             256. <b>Notes</b><br/>             257. <b>References</b><br/>             258. <b>Comments</b><br/>             259. <b>Source</b><br/>             260. <b>Language</b><br/></p> |
|---|

[illegible]

100

10

[illegible]

100

1000



# HELIOPOLES



حصر كميات الأساس لزوم ردم وتأسيس القطاع أسفل الدعامة المؤقتة

| العنصر                     | المساحة | العمق | الحجم (م <sup>3</sup> ) |
|----------------------------|---------|-------|-------------------------|
| الدعامة                    | 102.2   | 0.3   | 30.7                    |
| الإجمالي (م <sup>3</sup> ) |         |       | 30.7                    |

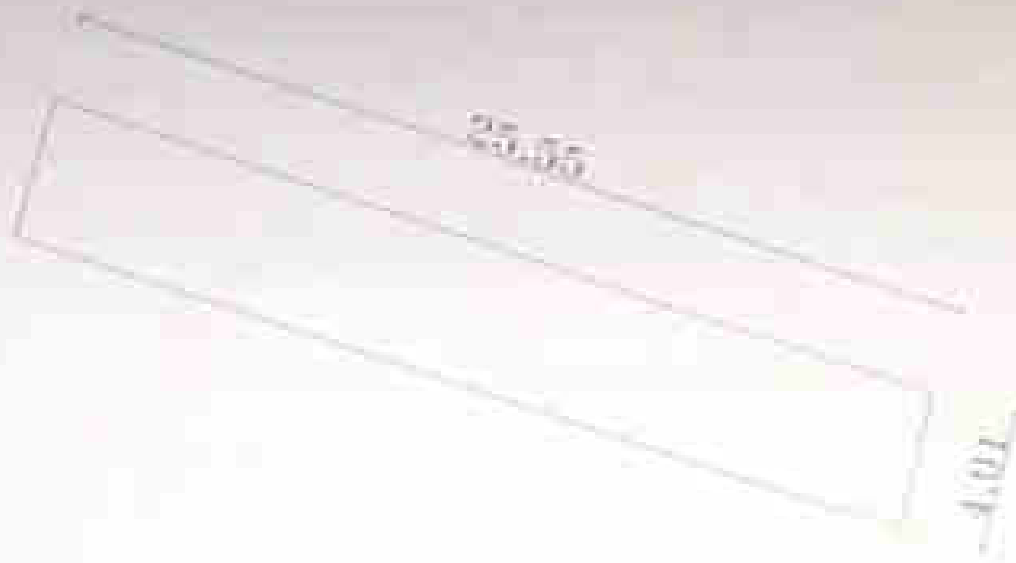
مدير المشروع الاستشاري



مهندس الشركة



# كوبري مزلقان أبو حمص



قطاع الترع لرفع لزوم تأسيس اسف الدعامة المؤقتة لرفع الكمر المعدني على الطريق الزراعي

$$\text{AREA} = 102.2 \text{ M}^2$$



حصر كميات الأساس لزوم أعمال ردم والهيئة الطرق للتحويلات البرورية المستخدمة أثناء الرقع النهائية الهندسية قبل الطريق الزراعي

| العنصر                                       | المساحة | العمق | الحجم (م <sup>3</sup> ) |
|--|---------|-------|-------------------------|
| طريق دسولس - المحمودية                       | ٨,٥ كم  |       | 280                     |
| طريق القناوية المحمودية                      | ٦ كم    |       | 240                     |
| طريق دسولس - أبو حمض الموالى لمرعة المحمودية | ٨       |       | 260                     |
| توران دسولس                                  | 200     | 0.3   | 60                      |
| توران القناوية                               | 180     | 0.3   | 54                      |
| توران دعتهور                                 | 250     | 0.3   | 75                      |
| الإجمالي (م <sup>3</sup> )                   |         |       | 969                     |

مدير المشروع الاستشاري

م. زاهر العجل

مهندس الشركة

حصر كميات الاساس لزوم ردم قطاع مبنى الارسال امام مطلع الكوبري والموجود داخل التخطيط

| العنصر                     | المساحة | العمق | الحجم (م <sup>3</sup> ) |
|----------------------------|---------|-------|-------------------------|
| قطاع مبنى الارسال          | 602     | 0,4   | 240,8                   |
| الاجمالى (م <sup>3</sup> ) |         |       | 240,8                   |

مدير المشروع الاستشاري  
 محمد بن محمد

مهندس الشركة  
 محمد بن محمد

مديرية الزراعة

مديرية الزراعة

مديرية الزراعة

حضر كميات الأساس لزوم الروم بجانب السكة الحديد والطريق الزراعي لزوم تنفيذ ورفع الكم السعدي

| الحجم (م <sup>3</sup> ) | المصدر   |
|-------------------------|--|
| 160                     | روم بجوار السكة الحديد لرفع كمر السكة الحديد الجاد<br>اسكندرية                                       |
| 140                     | روم بجوار السكة الحديد لرفع كمر السكة الحديد الجاد<br>القاهرة  |
| 170                     | روم بجوار السكة الحديد لزوم استعمال وتثبيت<br>الأرضية لزوم تجميع الكمر لياكيات السكة الحديد          |
| 230                     | روم بجوار كمر ٢٠ لزوم وقفة الاوتاش لزوم رفع الكمر<br>أعلى الطريق الزراعي الجاد اسكندرية              |
| 210                     | روم بجوار اكسبات ١٧ و ١٨ لزوم استعمال وتثبيت<br>الأرضية لزوم التجميع والتعزيز لياكيات الطريق الزراعي |
| 910                     | الإجمالي (م <sup>3</sup> )   |

رعا

استشاري المشروع

مهندس الشركة

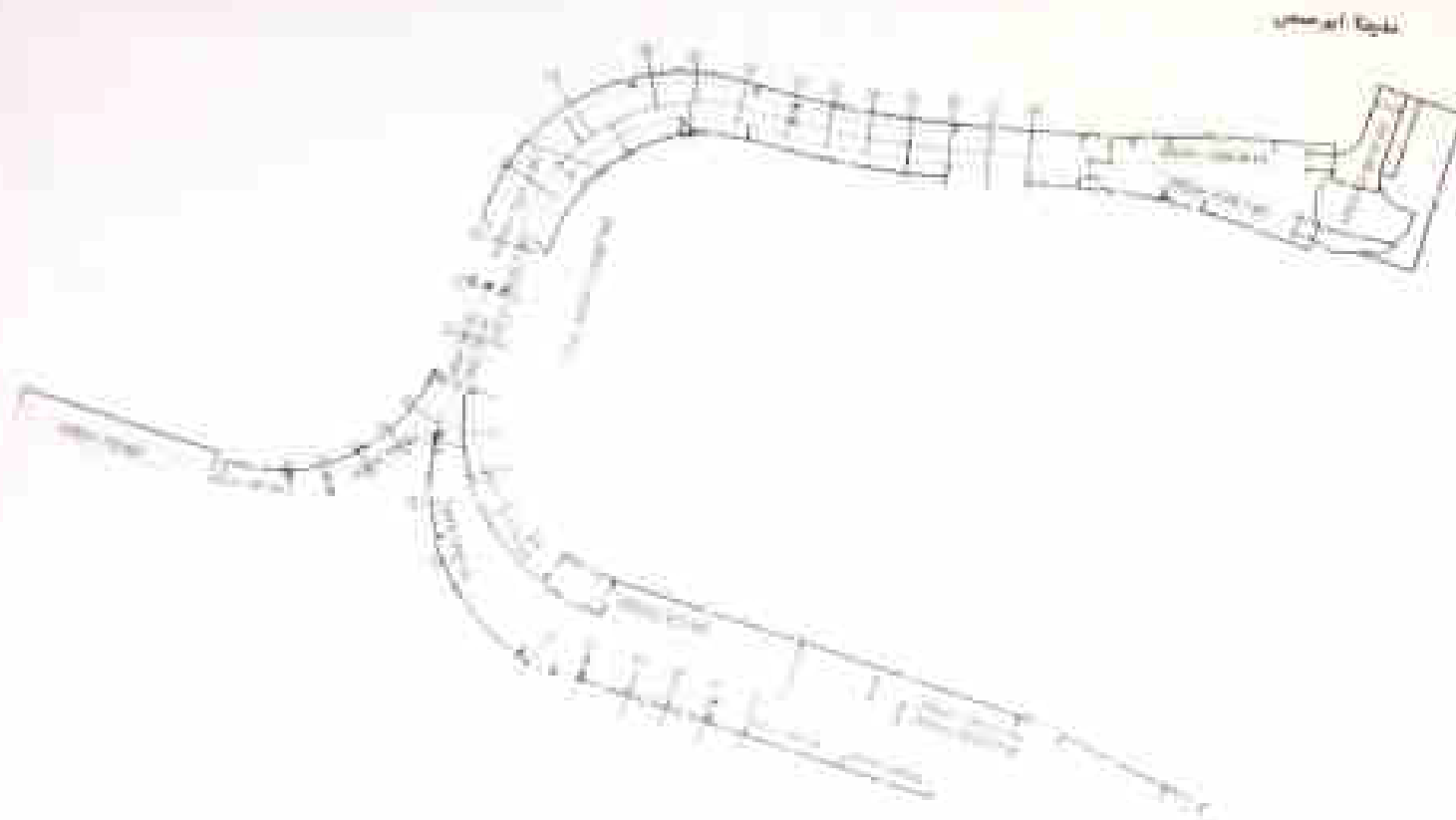
مديرية الزراعة

مديرية الزراعة





## كوبرى مزلقان ابو حمص



قطاعات مسطحات الكوبرى لزوم حصر كميات الاسفلت

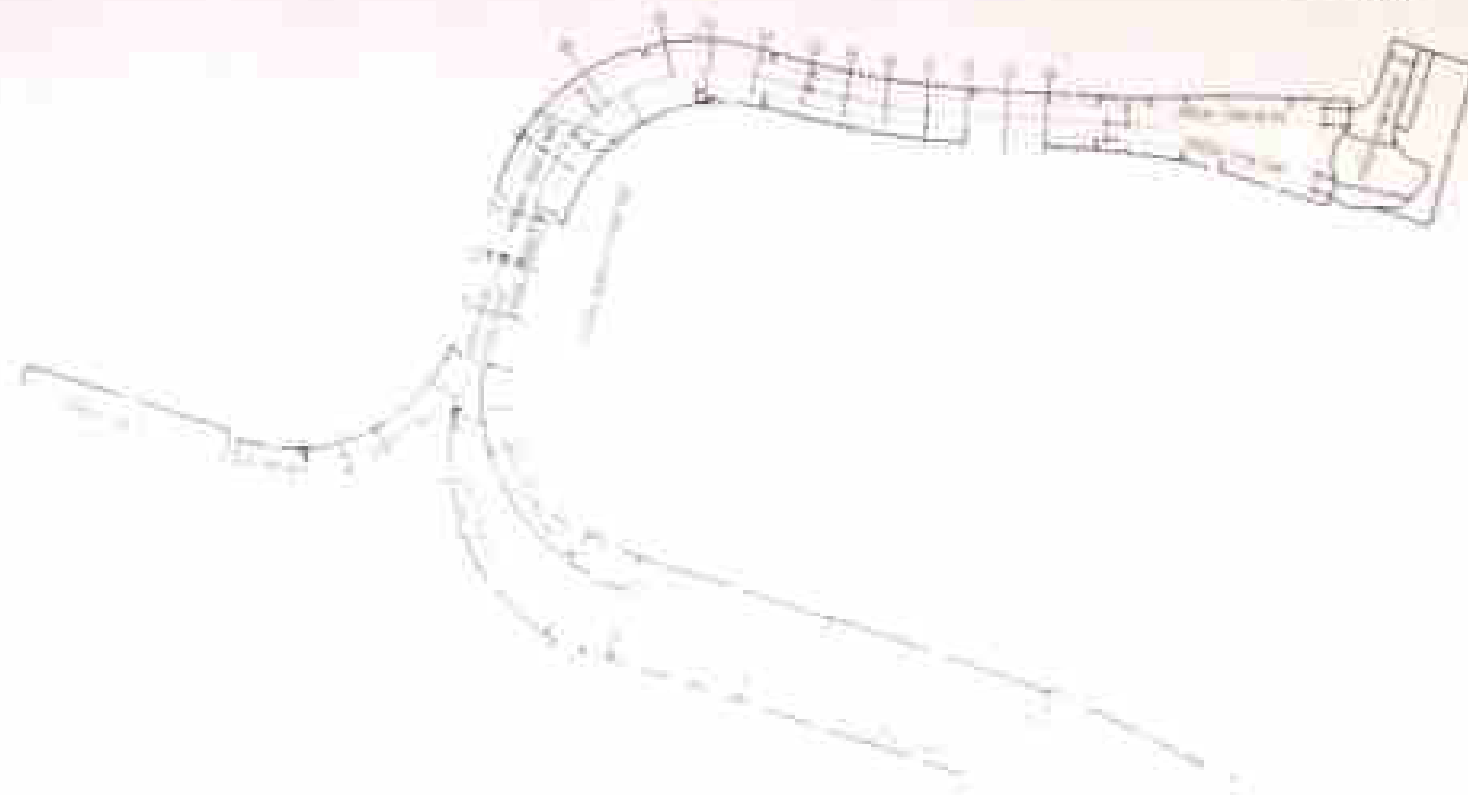






## كوبرى مزلقان ابو حمص

مدينة ابو حمص

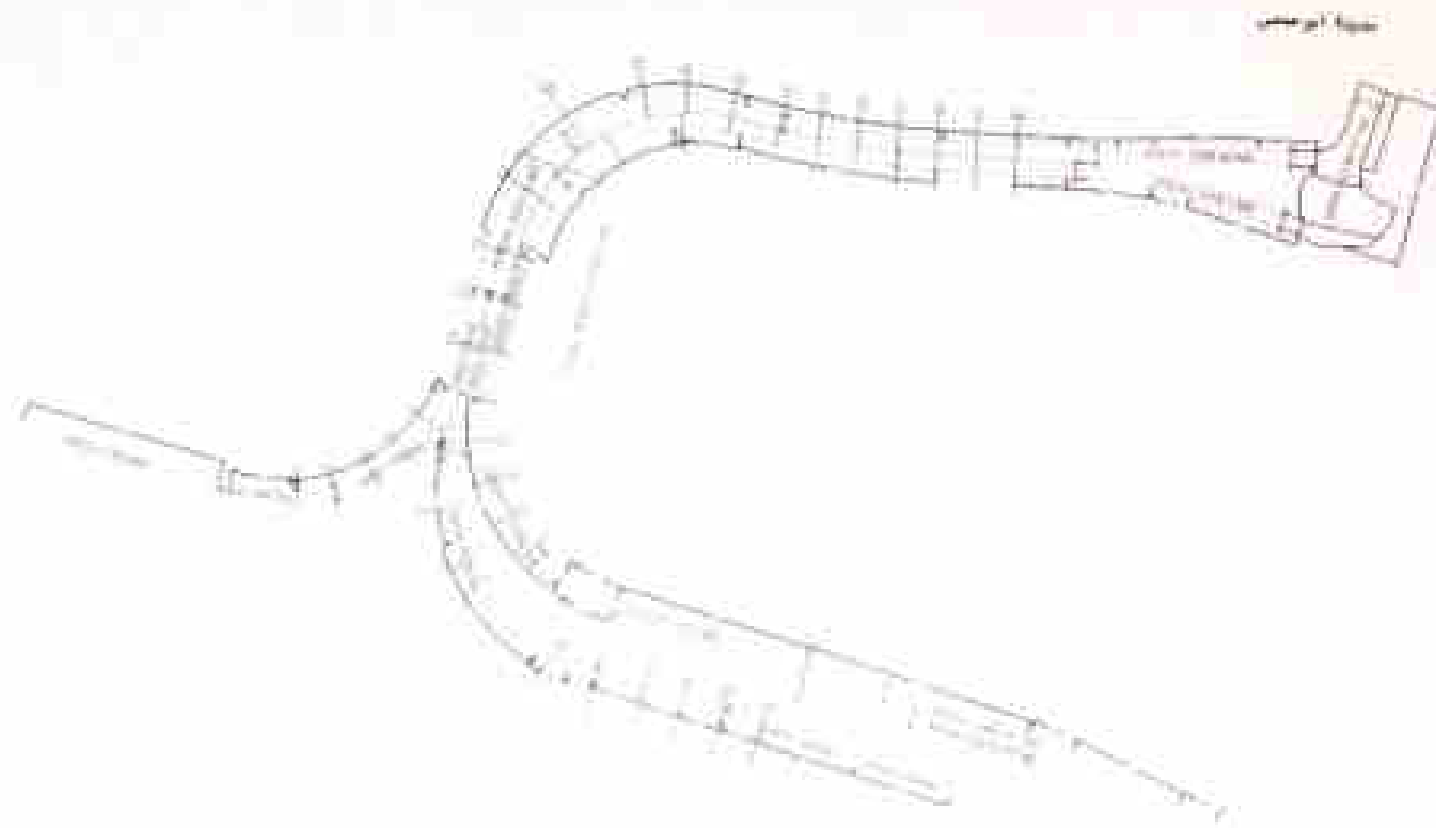


قطاعات مصطلحات الكوبرى لزوم مصر كليات الهندسة





## كوبرى مزلقان ابو حمص



قطاعات منطحات الكوبرى لزوم حصر كميات الاسفلت

Questionnaire

Name

Date

1. What is your name?

2. What is your age?

3. What is your gender?

4. What is your occupation?

5. What is your educational level?

6. What is your marital status?

7. What is your monthly income?

8. What is your place of residence?

9. What is your place of work?

10. What is your telephone number?

11. What is your e-mail address?

12. What is your social media profile?

13. What is your favorite color?

14. What is your favorite food?

15. What is your favorite sport?

16. What is your favorite movie?

17. What is your favorite book?

18. What is your favorite song?

19. What is your favorite animal?

20. What is your favorite plant?

21. What is your favorite flower?

22. What is your favorite fruit?

23. What is your favorite vegetable?

24. What is your favorite drink?

25. What is your favorite season?

26. What is your favorite time of day?

27. What is your favorite month?

28. What is your favorite day of the week?

29. What is your favorite holiday?

30. What is your favorite festival?

31. What is your favorite city?

32. What is your favorite country?

33. What is your favorite continent?

34. What is your favorite planet?

35. What is your favorite star?

36. What is your favorite constellation?

37. What is your favorite galaxy?

38. What is your favorite universe?

39. What is your favorite element?

40. What is your favorite compound?

41. What is your favorite molecule?

42. What is your favorite atom?

43. What is your favorite particle?

44. What is your favorite force?

45. What is your favorite field?

46. What is your favorite theory?

47. What is your favorite law?

48. What is your favorite principle?

49. What is your favorite concept?

50. What is your favorite idea?

51. What is your favorite thought?

52. What is your favorite feeling?

53. What is your favorite emotion?

54. What is your favorite passion?

55. What is your favorite hobby?

56. What is your favorite pastime?

57. What is your favorite activity?

58. What is your favorite game?

59. What is your favorite sport?

60. What is your favorite exercise?

61. What is your favorite dance?

62. What is your favorite music?

63. What is your favorite song?

64. What is your favorite album?

65. What is your favorite artist?

66. What is your favorite band?

67. What is your favorite genre?

68. What is your favorite style?

69. What is your favorite color?

70. What is your favorite shade?

71. What is your favorite hue?

72. What is your favorite tone?

73. What is your favorite texture?

74. What is your favorite material?

75. What is your favorite fabric?

76. What is your favorite material?

77. What is your favorite material?

78. What is your favorite material?

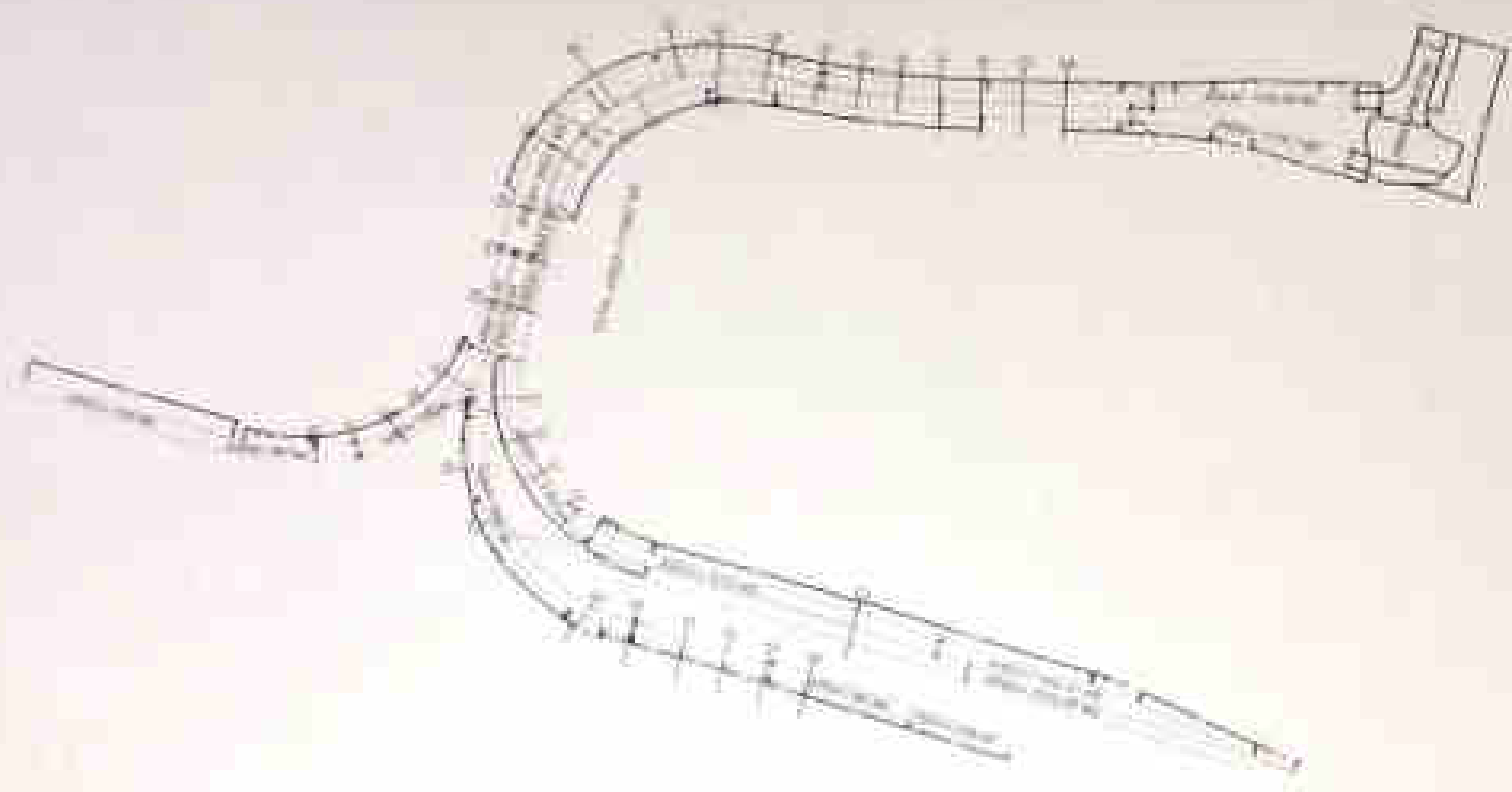
79. What is your favorite material?

80. What is your favorite material?



# كوبرى مزلقان ابو حمص

منهية الواسع



قطاعات مسطحات الكوبرى لزوم حصر كميات الاسفلت





Copyright © 2004 John Wiley & Sons, Ltd.

Downloaded At: 11:52 11 September 2009

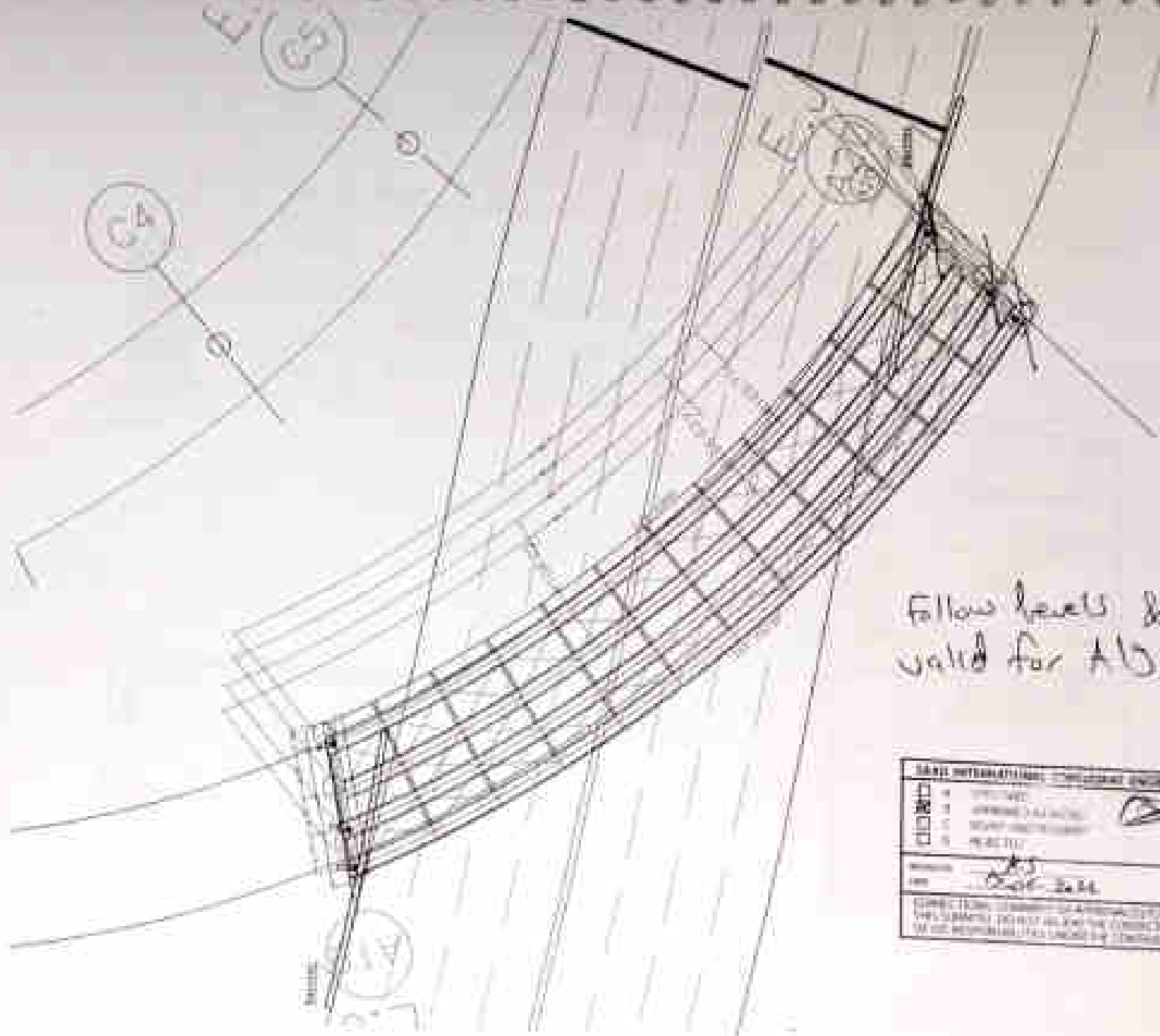
Journal of Management Inquiry 22(1)

بن الشركة

مركز الأبحاث في الإسكندرية، مصر  
 ص.ب. 118، الإسكندرية، مصر

\_\_\_\_\_

علي التميمي



Follow levels & approved standards  
valid for A1 steel by

|   |  |
|---|--|
| SAUDI INTERNATIONAL CONSULTING ENGINEERS  |  |
| PROJECT                                   | SAUDI INTERNATIONAL CONSULTING ENGINEERS |
| DATE                                      | 2024                                     |
| CORRECTION: CORRECTION OF APPROVED        |  |
| VENDOR: CORRECTION OF APPROVED            |  |
| FOR THE RESPONSIBILITY UNDER THE CONTRACT |  |

المسحوق الكبريتي أو جسيمات الكبريت المسوية (Sulfur Dioxide)

| رقم | الاسم | الوزن | التركيب | النسبة المئوية (%) | النسبة المئوية (%) | النسبة المئوية (%) | النسبة المئوية (%) | النسبة المئوية (%) | النسبة المئوية (%) |
|-----|-------|-------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 1   | 1     | 100   | 100     | 100                | 100                | 100                | 100                | 100                | 100                |
| 2   | 2     | 100   | 100     | 100                | 100                | 100                | 100                | 100                | 100                |
| 3   | 3     | 100   | 100     | 100                | 100                | 100                | 100                | 100                | 100                |

Skat Bay

1. Name:   
 2. Address:   
 3. City:   
 4. State:   
 5. Zip:   
 6. Phone:   
 7. Email:   
 8. Signature:   
 9. Date:   
 10. Stamp:

1. Name:   
 2. Address:   
 3. City:   
 4. State:   
 5. Zip:   
 6. Phone:   
 7. Email:   
 8. Signature:   
 9. Date:   
 10. Stamp:





| إحداثيات    |             |        | إحداثيات    |             |  |
|-------------|-------------|--------|-------------|-------------|--|
| Easting     | Northing    | POINT  | Easting     | Northing    |  |
| 548011.5000 | 510015.7071 | 1      | 548011.5122 | 510015.7110 |  |
| 548011.5000 | 510015.4700 | 2      | 548011.5000 | 510015.4700 |  |
| 548011.5070 | 510015.5519 | 3      | 548011.5001 | 510015.5134 |  |
| 548011.5000 | 510015.7100 | 4      | 548000.9113 | 510015.7100 |  |
|             |             | CENTER | 548011.5000 | 510015.5000 |  |

| إحداثيات    |             |        | إحداثيات    |             |  |
|-------------|-------------|--------|-------------|-------------|--|
| Easting     | Northing    | POINT  | Easting     | Northing    |  |
| 548011.5000 | 510015.5000 | 1      | 548011.5000 | 510015.4110 |  |
| 548011.5000 | 510015.0000 | 2      | 548011.5000 | 510015.0000 |  |
| 548011.5000 | 510015.7100 | 3      | 548011.5000 | 510015.7100 |  |
| 548011.5000 | 510015.7100 | 4      | 548011.5000 | 510015.7100 |  |
|             |             | CENTER | 548011.5000 | 510015.7100 |  |


  
**الهيئة العامة للأشغال والبناء**
  
**Ministry of Public Works and Urban Planning**
  
**الهيئة العامة للأشغال والبناء**
  
**Ministry of Public Works and Urban Planning**
  
**الهيئة العامة للأشغال والبناء**
  
**Ministry of Public Works and Urban Planning**

EXTENSION FRAM

**إحداثيات**
  
**إحداثيات**
  
**إحداثيات**
  
**إحداثيات**
  
**إحداثيات**
  
**إحداثيات**

| إحداثيات    |             |        | إحداثيات    |             |  |
|-------------|-------------|--------|-------------|-------------|--|
| Easting     | Northing    | POINT  | Easting     | Northing    |  |
| 548011.5000 | 510015.5000 | 1      | 548011.5000 | 510015.5000 |  |
| 548011.5000 | 510015.5000 | 2      | 548011.5000 | 510015.5000 |  |
| 548011.5000 | 510015.5000 | 3      | 548011.5000 | 510015.5000 |  |
| 548011.5000 | 510015.5000 | 4      | 548011.5000 | 510015.5000 |  |
|             |             | CENTER | 548011.5000 | 510015.5000 |  |

EXISTING FRAME



**Journal of Interpersonal Violence** 26(10)

|                         |  |  |  |
|-------------------------|--|--|--|
| Client:                 | Kansas Department of Transportation (KDOT)       |  |  |
| Project:                | Kansas Turnpike Authority (KTA) - I-70 Expansion |  |  |
| Location:               | Geographical Area: Johnson County, Kansas        |  |  |
| Phase:                  | Design and Construction Phase                    |  |  |
| Contract:               | Contract No. 70-001-001                          |  |  |
| Start Date:             | 2018-01-01                                       |  |  |
| End Date:               | 2020-12-31                                       |  |  |
| Project Manager:        | John Doe   |  |  |
| Design Engineer:        | Jane Smith                                       |  |  |
| Construction Manager:   | Mike Johnson                                     |  |  |
| Inspector:              | Sarah Lee  |  |  |
| Surveyor:               | David Brown                                      |  |  |
| Geotechnical Engineer:  | Emily White                                      |  |  |
| Environmental Engineer: | Robert Green                                     |  |  |
| Public Works Director:  | Lisa Black                                       |  |  |
| City Engineer:          | Mark Red   |  |  |
| County Engineer:        | Anna Blue  |  |  |
| State Engineer:         | Chris Yellow                                     |  |  |
| Federal Engineer:       | Alex Purple                                      |  |  |
| Local Engineer:         | Mia Pink   |  |  |
| Other Engineer:         | Noah Grey  |  |  |
| Other Engineer:         | Olivia Silver                                    |  |  |
| Other Engineer:         | Liam Gold  |  |  |
| Other Engineer:         | Sophia Bronze                                    |  |  |
| Other Engineer:         | Ethan Copper                                     |  |  |
| Other Engineer:         | Ava Nickel                                       |  |  |
| Other Engineer:         | Caleb Zinc                                       |  |  |
| Other Engineer:         | Mia Tin  |  |  |
| Other Engineer:         | Noah Lead  |  |  |
| Other Engineer:         | Olivia Iron                                      |  |  |
| Other Engineer:         | Liam Steel                                       |  |  |
| Other Engineer:         | Sophia Aluminum                                  |  |  |
| Other Engineer:         | Ethan Plastic                                    |  |  |
| Other Engineer:         | Ava Rubber                                       |  |  |
| Other Engineer:         | Caleb Glass                                      |  |  |
| Other Engineer:         | Mia Concrete                                     |  |  |
| Other Engineer:         | Noah Brick                                       |  |  |
| Other Engineer:         | Olivia Mortar                                    |  |  |
| Other Engineer:         | Liam Cement                                      |  |  |
| Other Engineer:         | Sophia Asphalt                                   |  |  |
| Other Engineer:         | Ethan Road                                       |  |  |
| Other Engineer:         | Ava Highway                                      |  |  |
| Other Engineer:         | Caleb Freeway                                    |  |  |
| Other Engineer:         | Mia Expressway                                   |  |  |
| Other Engineer:         | Noah Interchange                                 |  |  |
| Other Engineer:         | Olivia Overpass                                  |  |  |
| Other Engineer:         | Liam Underpass                                   |  |  |
| Other Engineer:         | Sophia Tunnel                                    |  |  |
| Other Engineer:         | Ethan Bridge                                     |  |  |
| Other Engineer:         | Ava Viaduct                                      |  |  |
| Other Engineer:         | Caleb Trestle                                    |  |  |
| Other Engineer:         | Mia Arch   |  |  |
| Other Engineer:         | Noah Beam  |  |  |
| Other Engineer:         | Olivia Column                                    |  |  |
| Other Engineer:         | Liam Pier  |  |  |
| Other Engineer:         | Sophia Abutment                                  |  |  |
| Other Engineer:         | Ethan Retaining Wall                             |  |  |
| Other Engineer:         | Ava Sound Barrier                                |  |  |
| Other Engineer:         | Caleb Noise Barrier                              |  |  |
| Other Engineer:         | Mia Safety Barrier                               |  |  |
| Other Engineer:         | Noah Guardrail                                   |  |  |
| Other Engineer:         | Olivia Watermark                                 |  |  |
| Other Engineer:         | Liam Sealant                                     |  |  |
| Other Engineer:         | Sophia Paint                                     |  |  |
| Other Engineer:         | Ethan Primer                                     |  |  |
| Other Engineer:         | Ava Topcoat                                      |  |  |
| Other Engineer:         | Caleb Undercoat                                  |  |  |
| Other Engineer:         | Mia Primer                                       |  |  |
| Other Engineer:         | Noah Sealant                                     |  |  |
| Other Engineer:         | Olivia Watermark                                 |  |  |
| Other Engineer:         | Liam Sealant                                     |  |  |
| Other Engineer:         | Sophia Paint                                     |  |  |
| Other Engineer:         | Ethan Primer                                     |  |  |
| Other Engineer:         | Ava Topcoat                                      |  |  |
| Other Engineer:         | Caleb Undercoat                                  |  |  |
| Other Engineer:         | Mia Primer                                       |  |  |
| Other Engineer:         | Noah Sealant                                     |  |  |
| Other Engineer:         | Olivia Watermark                                 |  |  |
| Other Engineer:         | Liam Sealant                                     |  |  |
| Other Engineer:         | Sophia Paint                                     |  |  |
| Other Engineer:         | Ethan Primer                                     |  |  |
| Other Engineer:         | Ava Topcoat                                      |  |  |
| Other Engineer:         | Caleb Undercoat                                  |  |  |
| Other Engineer:         | Mia Primer                                       |  |  |
| Other Engineer:         | Noah Sealant                                     |  |  |
| Other Engineer:         | Olivia Watermark                                 |  |  |
| Other Engineer:         | Liam Sealant                                     |  |  |
| Other Engineer:         | Sophia Paint                                     |  |  |
| Other Engineer:         | Ethan Primer                                     |  |  |
| Other Engineer:         | Ava Topcoat                                      |  |  |
| Other Engineer:         | Caleb Undercoat                                  |  |  |
| Other Engineer:         | Mia Primer                                       |  |  |
| Other Engineer:         | Noah Sealant                                     |  |  |
| Other Engineer:         | Olivia Watermark                                 |  |  |
| Other Engineer:         | Liam Sealant                                     |  |  |
| Other Engineer:         | Sophia Paint                                     |  |  |
| Other Engineer:         | Ethan Primer                                     |  |  |
| Other Engineer:         | Ava Topcoat                                      |  |  |
| Other Engineer:         | Caleb Undercoat                                  |  |  |
| Other Engineer:         | Mia Primer                                       |  |  |
| Other Engineer:         | Noah Sealant                                     |  |  |
| Other Engineer:         | Olivia Watermark                                 |  |  |
| Other Engineer:         | Liam Sealant                                     |  |  |
| Other Engineer:         | Sophia Paint                                     |  |  |
| Other Engineer:         | Ethan Primer                                     |  |  |
| Other Engineer:         | Ava Topcoat                                      |  |  |
| Other Engineer:         | Caleb Undercoat                                  |  |  |
| Other Engineer:         | Mia Primer                                       |  |  |
| Other Engineer:         | Noah Sealant                                     |  |  |
| Other Engineer:         | Olivia Watermark                                 |  |  |
| Other Engineer:         | Liam Sealant                                     |  |  |
| Other Engineer:         | Sophia Paint                                     |  |  |
| Other Engineer:         | Ethan Primer                                     |  |  |
| Other Engineer:         | Ava Topcoat                                      |  |  |
| Other Engineer:         | Caleb Undercoat                                  |  |  |
| Other Engineer:         | Mia Primer                                       |  |  |
| Other Engineer:         | Noah Sealant                                     |  |  |
| Other Engineer:         | Olivia Watermark                                 |  |  |
| Other Engineer:         | Liam Sealant                                     |  |  |
| Other Engineer:         | Sophia Paint                                     |  |  |
| Other Engineer:         | Ethan Primer                                     |  |  |
| Other Engineer:         | Ava Topcoat                                      |  |  |
| Other Engineer:         | Caleb Undercoat                                  |  |  |
| Other Engineer:         | Mia Primer                                       |  |  |
| Other Engineer:         | Noah Sealant                                     |  |  |
| Other Engineer:         | Olivia Watermark                                 |  |  |
| Other Engineer:         | Liam Sealant                                     |  |  |
| Other Engineer:         | Sophia Paint                                     |  |  |
| Other Engineer:         | Ethan Primer                                     |  |  |
| Other Engineer:         | Ava Topcoat                                      |  |  |
| Other Engineer:         | Caleb Undercoat                                  |  |  |
| Other Engineer:         | Mia Primer                                       |  |  |
| Other Engineer:         | Noah Sealant                                     |  |  |
| Other Engineer:         | Olivia Watermark                                 |  |  |
| Other Engineer:         | Liam Sealant                                     |  |  |
| Other Engineer:         | Sophia Paint                                     |  |  |
| Other Engineer:         | Ethan Primer                                     |  |  |
| Other Engineer:         | Ava Topcoat                                      |  |  |
| Other Engineer:         | Caleb Undercoat                                  |  |  |
| Other Engineer:         | Mia Primer                                       |  |  |
| Other Engineer:         | Noah Sealant                                     |  |  |
| Other Engineer:         | Olivia Watermark                                 |  |  |
| Other Engineer:         | Liam Sealant                                     |  |  |
| Other Engineer:         | Sophia Paint                                     |  |  |
| Other Engineer:         | Ethan Primer                                     |  |  |
| Other Engineer:         | Ava Topcoat                                      |  |  |
| Other Engineer:         | Caleb Undercoat                                  |  |  |
| Other Engineer:         | Mia  |  |  |

| Time | Current |
|------|---------|
|------|---------|

[illegible]

100



2



1. *Chlorophyll a* (Chl a) and *Chlorophyll b* (Chl b) are the primary photosynthetic pigments in green plants. They are responsible for capturing light energy and converting it into chemical energy through the process of photosynthesis. Chl a is the most abundant pigment, while Chl b is present in smaller amounts. Both pigments are found in the chloroplasts of green plants.

1. *Phragmites australis* (Cav.) Trin. ex Steud.

1. The first step in the process of creating a new product is to identify a market need. This is often done through market research, which involves gathering information about the target market and its needs. Once a market need is identified, the next step is to develop a concept for a product that meets that need. This is often done through brainstorming and prototyping. Once a concept is developed, the next step is to create a business plan for the product. This plan should outline the costs of production, the pricing strategy, and the marketing strategy. Once a business plan is created, the next step is to secure funding for the product. This can be done through a variety of methods, including crowdfunding, venture capital, and bank loans. Once funding is secured, the next step is to manufacture the product. This is often done through a contract manufacturer. Once the product is manufactured, the next step is to distribute it to the market. This can be done through a variety of methods, including direct sales, retail, and online sales. Finally, the last step in the process is to monitor the product's performance in the market. This is often done through sales data and customer feedback. If the product is not performing well, the company may need to make changes to the product or its marketing strategy.

[illegible]

| رقم الترخيص | الاسم         | معلومات شخصية |       | معلومات مهنية |          | ملاحظات |
|-------------|---------------|---------------|-------|---------------|----------|---------|
|             |               | الجنس         | العمر | المهنة        | الخبرة   |         |
| 101         | أحمد محمد     | ذكر           | 35    | مهندس         | 5 سنوات  | ممتاز   |
| 102         | فاطمة أحمد    | أنثى          | 28    | معلمة         | 3 سنوات  | جيد     |
| 103         | عبدالله علي   | ذكر           | 42    | طبيب          | 10 سنوات | ممتاز   |
| 104         | سارة خالد     | أنثى          | 22    | مهندسة        | 1 سنة    | جيد     |
| 105         | محمد يوسف     | ذكر           | 38    | معلم          | 7 سنوات  | ممتاز   |
| 106         | ليلى أحمد     | أنثى          | 30    | معلمة         | 4 سنوات  | جيد     |
| 107         | عبدالمجيد حسن | ذكر           | 45    | طبيب          | 12 سنوات | ممتاز   |
| 108         | نور الدين     | ذكر           | 25    | مهندس         | 2 سنوات  | جيد     |
| 109         | مريم علي      | أنثى          | 27    | معلمة         | 3 سنوات  | ممتاز   |
| 110         | أحمد يوسف     | ذكر           | 33    | مهندس         | 6 سنوات  | جيد     |

| رقم التفتيش | ملاحظات التفتيش |
|-------------|-----------------|
| ١٠٠         | ملاحظات التفتيش |
| ١٠١         | ملاحظات التفتيش |
| ١٠٢         | ملاحظات التفتيش |
| ١٠٣         | ملاحظات التفتيش |
| ١٠٤         | ملاحظات التفتيش |
| ١٠٥         | ملاحظات التفتيش |
| ١٠٦         | ملاحظات التفتيش |
| ١٠٧         | ملاحظات التفتيش |
| ١٠٨         | ملاحظات التفتيش |
| ١٠٩         | ملاحظات التفتيش |
| ١١٠         | ملاحظات التفتيش |

10

10

كوبرى مزلقان أبو حمص

فواصل التمدد وأنواعها وأطوالها

NEOPRENE EXPANSION JOINTS

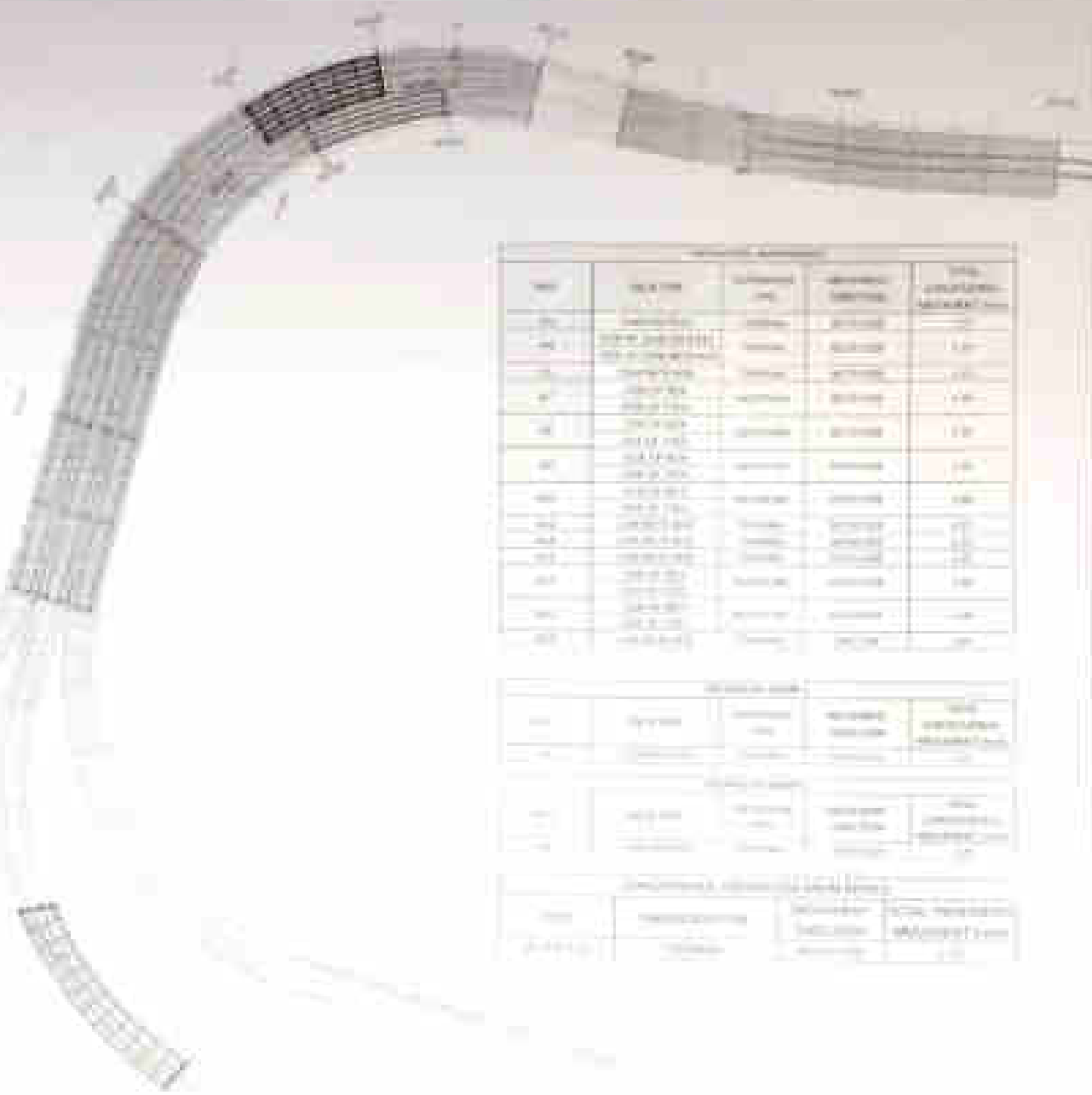
| AXIS  | LENGTH ( M ) |
|-------|--------------|
| A19   | 7.28         |
| A22   | 7.1          |
| A20   | 7.16         |
| A7    | 7.1          |
| A8    | 10.8         |
| A9    | 7.1          |
| A10   | 13.1         |
| TOTAL | 59.64        |

*Handwritten signature*

Figure 10-10



| Item | Description | Quantity | Unit |
|------|-------------|----------|------|
| 1    | ...         | ...      | ...  |
| 2    | ...         | ...      | ...  |
| 3    | ...         | ...      | ...  |
| 4    | ...         | ...      | ...  |
| 5    | ...         | ...      | ...  |
| 6    | ...         | ...      | ...  |
| 7    | ...         | ...      | ...  |
| 8    | ...         | ...      | ...  |
| 9    | ...         | ...      | ...  |
| 10   | ...         | ...      | ...  |



| Item | Description | Quantity | Unit |
|------|-------------|----------|------|
| 1    | ...         | ...      | ...  |
| 2    | ...         | ...      | ...  |
| 3    | ...         | ...      | ...  |
| 4    | ...         | ...      | ...  |
| 5    | ...         | ...      | ...  |
| 6    | ...         | ...      | ...  |
| 7    | ...         | ...      | ...  |
| 8    | ...         | ...      | ...  |
| 9    | ...         | ...      | ...  |
| 10   | ...         | ...      | ...  |

| Item | Description | Quantity | Unit |
|------|-------------|----------|------|
| 1    | ...         | ...      | ...  |
| 2    | ...         | ...      | ...  |
| 3    | ...         | ...      | ...  |
| 4    | ...         | ...      | ...  |
| 5    | ...         | ...      | ...  |
| 6    | ...         | ...      | ...  |
| 7    | ...         | ...      | ...  |
| 8    | ...         | ...      | ...  |
| 9    | ...         | ...      | ...  |
| 10   | ...         | ...      | ...  |

| Item | Description | Quantity | Unit |
|------|-------------|----------|------|
| 1    | ...         | ...      | ...  |
| 2    | ...         | ...      | ...  |
| 3    | ...         | ...      | ...  |
| 4    | ...         | ...      | ...  |
| 5    | ...         | ...      | ...  |
| 6    | ...         | ...      | ...  |
| 7    | ...         | ...      | ...  |
| 8    | ...         | ...      | ...  |
| 9    | ...         | ...      | ...  |
| 10   | ...         | ...      | ...  |



عشيرة : الشهاب كوردي مراد آباد لو عسکری الغامدی

Figure 1

| الكلية المطابقة   |  | ١                   | مقدار البحث السابق | ٢           |
|---|--|---------------------|--------------------|-------------|
| بيان الإختلاف بالمطابقة   |  | الموقع المكتوب عليه | الإعداد            | العدد       |
|   |  | من                  | بمتر فلان          | الإجمالي مع |
| بأعداد كبيرة اختار فيحصل على ما فوق واحد الف ١٠٠<br>ويصل ١٠٠ إلى من قبل التفتيش والمدة حتى يوم الإختلاف |  |                     | بالعدد             | ١           |
| الإجمالي  |  |                     |                    | ١           |
| ١   |  |                     | ١                  |             |
| ٢   |  |                     | ٢                  |             |
| ٣   |  |                     | ٣                  |             |
| ٤   |  |                     | ٤                  |             |

100

بيان الاعمال بالمستخلص رقم : (١٩) جارى  
عملية : انشاء كوبرى مزلقان أبو حمص العلوى

رقم البند وبيانه : (مستجد ١-٩)

بالطن توريد وتشغيل وتركيب حديد انشائي لزوم تنفيذ الباكبة المعدنية (A19-A20) أعلى الطريق الزراعي (القاهرة الاسكندرية) بعد تعديل التصميم باستخدام قطاعات صندوقية دورانية لعدم توافر الواح صاج ١٠٠ سم والبند يشتمل المسامير - اللحامات - الاختبارات - النقل من المصنع للموقع وتوفير وتجهيز ساحات تجميع وتشغيل ولحام القطاعات واستخدام أوناش بالحمولات المناسبة مع الدهان بوجهين برايمر طبقا لاصول الصناعة والرسومات التنفيذية والمواصفات

تنفيذ شركة : النيل العامة للطرق والكباري

| الكمية بالمقايضة المجددة رقم ٤                      | ٩٢٤,٥ طن      | مقدار العمل السابق |                |  |
|---|---------------|--------------------|----------------|--|
| بيان الاعمال بالمقايضة                              | الوزن (بالطن) | العدد              | الاجمالى بالطن |  |
| حصر الباكبة المعدنية A19-A20                        | ٦٦٩,٥٣٦       | ١                  | ٦٦٩,٥٣٦        |  |
| نسبة ال ٥,٥ % ( معاملات المسامير واللحام والدرفلة ) | ٣٦,٨٢٤        | ١                  | ٣٦,٨٢٤         |  |
| الاجمالى ( بالطن )                                  | ٧٠٦,٣٦٠       |                    |                |  |
| اجمالى قائم تنفيذه حتى تاريخه                       | ٧٠٦,٣٦٠       |                    |                |  |
| اجمالى الكمية المزمعة تنفيذها                       |               |                    |                |  |
| الكمية المتوقعة بالمستخلص                           |               |                    |                |  |
| اجمالى الكمية المتوقعة بالمستخلص الحالي             |               |                    |                |  |

عن الهيئة  
/ع/

عن الاستشاري

عن الشركة

### Material List

Rev 1

123

### A19-A20 Steel Bridge

*Chlorine Res. Dev. No.*

Technical Department  
Is used For construction

**UAE**

August 2001

| General Note For Roads & Bridges, Abu Dhabi (2373) | Client Order # | Dept. | Item | DOC. NO | Project # | ORDER # | Rev | By         | Checked | Date       |
|--|----------------|-------|------|---------|-----------|---------|-----|------------|---------|------------|
|  |                |       |      |         | MX-L-2373 | A19     | 1   | Asst. Eng. |         | 06/10/2023 |

Client Part L&amp;B #

Client Ref Dwg No

| Mark | Qty | Position | Steel Grade | SECTION | Unit L/Area | Unit Weight | Qty/ Mark | Total Qty | Pos. Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|-----------|-----------|-------------|-------------|--------------|-----------|---------|
| A19  |     | 114      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 115      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 116      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 117      | Q355B       | PLATE   | 800         | 4.502       | 1         | 1         | 4.502       |             |              |           |         |
|      |     | 118      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 119      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 120      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 121      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 122      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 123      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     |          |             |         |             |             |           |           |             | 86.356      | 86.356       |           |         |
| A20  |     | 124      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 125      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 126      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 127      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 128      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 129      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 130      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 131      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 132      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 133      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 134      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 135      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 136      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 137      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 138      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 139      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 140      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 141      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 142      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     | 143      | Q355B       | PLATE   | 1000        | 4.781       | 1         | 1         | 4.781       |             |              |           |         |
|      |     |          |             |         |             |             |           |           |             |             |              |           |         |


**energya**  
 CONSULTING

1 NOV 2023

Technical Department  
Issued For Construction

| General Note For Roads & Bridges/Abutment (RT) | Client Order # | Dept. | Item | DOC. NO | Project # | ORDER # | Rev | By       | Checked | Date       |
|--|----------------|-------|------|---------|-----------|---------|-----|----------|---------|------------|
|  |                |       |      |         | MX-L-3073 | A19     | 1   | Abdullah |         | 18/08/2023 |

Client Part List #

Client Ref Dwg No

| Mat | Qty | Position | Steel Grade | SECTION | Unit L/Area | Unit Weight | Qty/ Mark | Total Qty | Pos. Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|-----|-----|----------|-------------|---------|-------------|-------------|-----------|-----------|-------------|-------------|--------------|-----------|---------|
| W1  | 1   | 130      | 100B        | FLATBAR | 100         | 6.453       | 1         | 1         | 6.45        |             |              |           |         |
|     |     | 132      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 131      | 100B        | FLATBAR | 100         | 6.453       | 1         | 1         | 6.45        |             |              |           |         |
|     |     | 132      | 100B        | FLATBAR | 100         | 6.453       | 1         | 1         | 6.45        |             |              |           |         |
|     |     |          |             |         |             |             |           |           | 37.688      | 37.688      |              |           |         |
| W2  |     | 130      | 100B        | FLATBAR | 100         | 6.453       | 1         | 1         | 6.45        |             |              |           |         |
|     |     | 132      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 131      | 100B        | FLATBAR | 100         | 6.453       | 1         | 1         | 6.45        |             |              |           |         |
|     |     | 132      | 100B        | FLATBAR | 100         | 6.453       | 1         | 1         | 6.45        |             |              |           |         |
|     |     | 133      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 134      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 135      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 136      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 137      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 138      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 139      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 140      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 141      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 142      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 143      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 144      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 145      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 146      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 147      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 148      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 149      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 150      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 151      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 152      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 153      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 154      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 155      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 156      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 157      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 158      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 159      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |
|     |     | 160      | 100B        | FLATBAR | 110         | 6.717       | 1         | 1         | 6.71        |             |              |           |         |



E-1001-2023

 Technical Department  
 Issued For construction





## A19-A20 Steel Bridge

| General Nbs For Roads & Bridges/Abu Homos(2373) | Client Order # | Dept. | Item | DOC. NO. | Project # | ORDER # | Rev | By     | Checked | Date       |
|---|----------------|-------|------|----------|-----------|---------|-----|--------|---------|------------|
|   |                |       |      |          | MO-C-2023 | A19     | 1   | Abuham |         | 08/16/2023 |

Client Part List #

Client Ref Doc No

| Mark | Qty | Position | Steel Grade | SECTION | Unit L/Area | Unit Weight | Qty/ Mark | Total Qty | Pos. Weight | Mark Weight | Total Weight | Steel No. | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|-----------|-----------|-------------|-------------|--------------|-----------|---------|
| 10   |     | 10       | Q355        | PLATE   | 100         | 77.9        | 1         | 1         | 77.9        |             |              |           |         |
| 11   |     | 11       | Q355        | PLATE   | 110         | 81.2        | 1         | 1         | 81.2        |             |              |           |         |
| 12   |     | 12       | Q355        | PLATE   | 118         | 85.8        | 1         | 1         | 85.8        |             |              |           |         |
| 13   |     | 13       | Q355        | PLATE   | 120         | 87.9        | 1         | 1         | 87.9        |             |              |           |         |
| 14   |     | 14       | Q355        | PLATE   | 125         | 91.7        | 1         | 1         | 91.7        |             |              |           |         |
| 15   |     | 15       | Q355        | PLATE   | 130         | 95.8        | 1         | 1         | 95.8        |             |              |           |         |
| 16   |     | 16       | Q355        | PLATE   | 135         | 100.2       | 1         | 1         | 100.2       |             |              |           |         |
| 17   |     | 17       | Q355        | PLATE   | 140         | 104.8       | 1         | 1         | 104.8       |             |              |           |         |
| 18   |     | 18       | Q355        | PLATE   | 145         | 109.6       | 1         | 1         | 109.6       |             |              |           |         |
| 19   |     | 19       | Q355        | PLATE   | 150         | 114.6       | 1         | 1         | 114.6       |             |              |           |         |
| 20   |     | 20       | Q355        | PLATE   | 155         | 119.8       | 1         | 1         | 119.8       |             |              |           |         |
| 21   |     | 21       | Q355        | PLATE   | 160         | 125.2       | 1         | 1         | 125.2       |             |              |           |         |
| 22   |     | 22       | Q355        | PLATE   | 165         | 130.8       | 1         | 1         | 130.8       |             |              |           |         |
| 23   |     | 23       | Q355        | PLATE   | 170         | 136.6       | 1         | 1         | 136.6       |             |              |           |         |
| 24   |     | 24       | Q355        | PLATE   | 175         | 142.6       | 1         | 1         | 142.6       |             |              |           |         |
| 25   |     | 25       | Q355        | PLATE   | 180         | 148.8       | 1         | 1         | 148.8       |             |              |           |         |
| 26   |     | 26       | Q355        | PLATE   | 185         | 155.2       | 1         | 1         | 155.2       |             |              |           |         |
| 27   |     | 27       | Q355        | PLATE   | 190         | 161.8       | 1         | 1         | 161.8       |             |              |           |         |
| 28   |     | 28       | Q355        | PLATE   | 195         | 168.6       | 1         | 1         | 168.6       |             |              |           |         |
| 29   |     | 29       | Q355        | PLATE   | 200         | 175.6       | 1         | 1         | 175.6       |             |              |           |         |
| 30   |     | 30       | Q355        | PLATE   | 205         | 182.8       | 1         | 1         | 182.8       |             |              |           |         |
| 31   |     | 31       | Q355        | PLATE   | 210         | 190.2       | 1         | 1         | 190.2       |             |              |           |         |
| 32   |     | 32       | Q355        | PLATE   | 215         | 197.8       | 1         | 1         | 197.8       |             |              |           |         |
| 33   |     | 33       | Q355        | PLATE   | 220         | 205.6       | 1         | 1         | 205.6       |             |              |           |         |
| 34   |     | 34       | Q355        | PLATE   | 225         | 213.6       | 1         | 1         | 213.6       |             |              |           |         |
| 35   |     | 35       | Q355        | PLATE   | 230         | 221.8       | 1         | 1         | 221.8       |             |              |           |         |
| 36   |     | 36       | Q355        | PLATE   | 235         | 230.2       | 1         | 1         | 230.2       |             |              |           |         |
| 37   |     | 37       | Q355        | PLATE   | 240         | 238.8       | 1         | 1         | 238.8       |             |              |           |         |
| 38   |     | 38       | Q355        | PLATE   | 245         | 247.6       | 1         | 1         | 247.6       |             |              |           |         |
| 39   |     | 39       | Q355        | PLATE   | 250         | 256.6       | 1         | 1         | 256.6       |             |              |           |         |
| 40   |     | 40       | Q355        | PLATE   | 255         | 265.8       | 1         | 1         | 265.8       |             |              |           |         |
| 41   |     | 41       | Q355        | PLATE   | 260         | 275.2       | 1         | 1         | 275.2       |             |              |           |         |
| 42   |     | 42       | Q355        | PLATE   | 265         | 284.8       | 1         | 1         | 284.8       |             |              |           |         |
| 43   |     | 43       | Q355        | PLATE   | 270         | 294.6       | 1         | 1         | 294.6       |             |              |           |         |
| 44   |     | 44       | Q355        | PLATE   | 275         | 304.6       | 1         | 1         | 304.6       |             |              |           |         |
| 45   |     | 45       | Q355        | PLATE   | 280         | 314.8       | 1         | 1         | 314.8       |             |              |           |         |
| 46   |     | 46       | Q355        | PLATE   | 285         | 325.2       | 1         | 1         | 325.2       |             |              |           |         |
| 47   |     | 47       | Q355        | PLATE   | 290         | 335.8       | 1         | 1         | 335.8       |             |              |           |         |
| 48   |     | 48       | Q355        | PLATE   | 295         | 346.6       | 1         | 1         | 346.6       |             |              |           |         |
| 49   |     | 49       | Q355        | PLATE   | 300         | 357.6       | 1         | 1         | 357.6       |             |              |           |         |
| 50   |     | 50       | Q355        | PLATE   | 305         | 368.8       | 1         | 1         | 368.8       |             |              |           |         |
| 51   |     | 51       | Q355        | PLATE   | 310         | 380.2       | 1         | 1         | 380.2       |             |              |           |         |
| 52   |     | 52       | Q355        | PLATE   | 315         | 391.8       | 1         | 1         | 391.8       |             |              |           |         |
| 53   |     | 53       | Q355        | PLATE   | 320         | 403.6       | 1         | 1         | 403.6       |             |              |           |         |
| 54   |     | 54       | Q355        | PLATE   | 325         | 415.6       | 1         | 1         | 415.6       |             |              |           |         |
| 55   |     | 55       | Q355        | PLATE   | 330         | 427.8       | 1         | 1         | 427.8       |             |              |           |         |
| 56   |     | 56       | Q355        | PLATE   | 335         | 439.2       | 1         | 1         | 439.2       |             |              |           |         |
| 57   |     | 57       | Q355        | PLATE   | 340         | 450.8       | 1         | 1         | 450.8       |             |              |           |         |
| 58   |     | 58       | Q355        | PLATE   | 345         | 462.6       | 1         | 1         | 462.6       |             |              |           |         |
| 59   |     | 59       | Q355        | PLATE   | 350         | 474.6       | 1         | 1         | 474.6       |             |              |           |         |
| 60   |     | 60       | Q355        | PLATE   | 355         | 486.8       | 1         | 1         | 486.8       |             |              |           |         |
| 61   |     | 61       | Q355        | PLATE   | 360         | 499.2       | 1         | 1         | 499.2       |             |              |           |         |
| 62   |     | 62       | Q355        | PLATE   | 365         | 511.8       | 1         | 1         | 511.8       |             |              |           |         |



5 NOV 2023

 Technical Department  
 Issued For construction



## A19-A20 Steel Bridge

| General Note For Roads & Bridges (Abu Humay) (2373) | Client Order # | Dept | Item | DOC | Project # | ORDER # | Rev | By       | Checked | Date       |
|---|----------------|------|------|-----|-----------|---------|-----|----------|---------|------------|
|   |                |      |      | NO  | MX-L-2373 | A19     | 1   | Autodesk |         | 04/10/2023 |

Client Part List #

Client Ref Dwg No

| Mark | Qty | Position | Steel Grade | SECTION | Unit L/Area | Unit Weight | Qty/ Total Mark | Pos. Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|-----------------|-------------|-------------|--------------|-----------|---------|
| W1   | 1   | 403      | Q355B       | PL24018 | 1000        | 6.742       | 1               | 1           | 6.742       |              |           |         |
|      |     | 404      | Q355B       | PL25018 | 814         | 6.614       | 1               | 1           | 6.614       |              |           |         |
|      |     |          |             |         |             |             |                 |             | 64.437      | 64.437       |           |         |
| W2   | 1   | 10       | Q355B       | PL24012 | 700         | 6.742       | 2               | 2           | 13.484      |              |           |         |
|      |     | 40       | Q355B       | PL25012 | 576         | 6.742       | 1               | 1           | 6.742       |              |           |         |
|      |     | 110      | Q355B       | PL25011 | 550         | 6.54        | 1               | 1           | 6.54        |              |           |         |
|      |     | 120      | Q355B       | PL25010 | 500         | 6.54        | 1               | 1           | 6.54        |              |           |         |
|      |     | 130      | Q355B       | PL2509  | 410         | 6.54        | 1               | 1           | 6.54        |              |           |         |
|      |     | 140      | Q355B       | PL20010 | 400         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 150      | Q355B       | PL20010 | 300         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 160      | Q355B       | PL20010 | 200         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 170      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 180      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 190      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 200      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 210      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 220      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 230      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 240      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 250      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 260      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 270      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 280      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 290      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 300      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 310      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 320      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 330      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 340      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 350      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 360      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 370      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 380      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 390      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 400      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 410      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 420      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 430      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 440      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 450      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 460      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 470      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 480      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 490      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 500      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 510      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 520      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 530      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 540      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 550      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 560      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 570      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 580      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 590      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 600      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 610      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 620      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 630      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 640      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 650      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 660      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 670      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 680      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 690      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |
|      |     | 700      | Q355B       | PL20010 | 100         | 7.12        | 1               | 1           | 7.12        |              |           |         |


**energy**  
 Energy Solutions

1 NOV 2023

 Technical Department  
 Issued For construction

| General Note For Roads & Bridges (Abt Number) 2573 | Client Order # | Dept. | Item | DWG NO. | Project # | ORDER # | Rev | By       | Checked | Date       |
|--|----------------|-------|------|---------|-----------|---------|-----|----------|---------|------------|
|  |                |       |      |         | MX-L-3373 | A19     | 1   | Abdullah |         | 2021/05/23 |

Client Part List #

Client Ref Dwg No

| Mark | Qty | Position | Steel Grade | SECTION  | Unit | LI Area | Unit Weight | Qty Mark | Total Qty | Pos Weight | Mark Weight | Total Weight | Sheet No | Remarks |
|------|-----|----------|-------------|----------|------|---------|-------------|----------|-----------|------------|-------------|--------------|----------|---------|
| 400  |     | 101      | 100A        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 102      | 100B        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 103      | 100C        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 104      | 100D        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     |          |             |          |      |         |             |          |           |            | 54.838      | 54.838       |          |         |
| 400  |     | 105      | 100A        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 106      | 100B        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 107      | 100C        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 108      | 100D        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 109      | 100E        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 110      | 100F        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 111      | 100G        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 112      | 100H        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 113      | 100I        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 114      | 100J        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 115      | 100K        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 116      | 100L        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 117      | 100M        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 118      | 100N        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 119      | 100O        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 120      | 100P        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 121      | 100Q        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 122      | 100R        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 123      | 100S        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 124      | 100T        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 125      | 100U        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 126      | 100V        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 127      | 100W        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 128      | 100X        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 129      | 100Y        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 130      | 100Z        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 131      | 100A        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 132      | 100B        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 133      | 100C        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 134      | 100D        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 135      | 100E        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 136      | 100F        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 137      | 100G        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 138      | 100H        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 139      | 100I        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |
|      |     | 140      | 100J        | FLG 1100 | mm   | 1000    | 1.00        | 1        | 1         | 1000       |             |              |          |         |



3 JULY 2021

 Technical Department  
 Issued For construction





Tech Department - Engineering

# Material List

Rev 0

**IFF**

Release No : 2002

SHEET NO :- **MX-L-3373-A19-0001**

**IFF**

Horizontal Bracing For A19-A20 Abo Homos Steel Bridge

| General Title For Bills & Bridges/Abo Homos(3373) | Client Order # | Dwg | Item | DWG NO | Project # | ORDER # | Rev | By       | Checked | Date       |
|---|----------------|-----|------|--------|-----------|---------|-----|----------|---------|------------|
|   |                |     |      |        | MX-L-3373 | 478     | 0   | Released |         | 10/10/2013 |

Client Part List #

Client Ref Dwg No

| Mark | Qty | Position | Steel Grade | SECTION | Unit L/Area | Unit Weight | Qty/ Mark | Total Qty | Pos. Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|-----------|-----------|-------------|-------------|--------------|-----------|---------|
| 40   | 10  | 10       | S40         | PLATE   | 107         | 6.5         | 1         | 1         | 6.5         |             |              |           |         |
|      | 10  | 10       | S40         | PLATE   | 107         | 6.5         | 1         | 1         | 6.5         |             |              |           |         |
|      | 30  | 30       | S40         | PLATE   | 110         | 10.4        | 1         | 1         | 10.4        |             |              |           |         |
|      | 22  | 22       | S40         | PLATE   | 28          | 12          | 1         | 1         | 12          |             |              |           |         |
|      | 20  | 20       | S40         | PLATE   | 48          | 4.1         | 1         | 1         | 4.1         |             |              |           |         |
|      | 34  | 34       | S40         | PLATE   | 10          | 10.8        | 1         | 1         | 10.8        |             |              |           |         |
|      | 30  | 30       | S40         | PLATE   | 10          | 10          | 1         | 1         | 10          |             |              |           |         |
|      | 34  | 34       | S40         | PLATE   | 38          | 17          | 1         | 1         | 17          |             |              |           |         |
|      |     |          |             |         |             |             |           |           |             | 201         | 202          |           |         |
| 40   | 10  | 10       | S40         | PLATE   | 107         | 6.5         | 1         | 1         | 6.5         |             |              |           |         |
|      | 10  | 10       | S40         | PLATE   | 107         | 6.5         | 1         | 1         | 6.5         |             |              |           |         |
|      | 30  | 30       | S40         | PLATE   | 110         | 10.4        | 1         | 1         | 10.4        |             |              |           |         |
|      | 22  | 22       | S40         | PLATE   | 28          | 12          | 1         | 1         | 12          |             |              |           |         |
|      | 20  | 20       | S40         | PLATE   | 48          | 4.1         | 1         | 1         | 4.1         |             |              |           |         |
|      | 34  | 34       | S40         | PLATE   | 10          | 10.8        | 1         | 1         | 10.8        |             |              |           |         |
|      | 30  | 30       | S40         | PLATE   | 10          | 10          | 1         | 1         | 10          |             |              |           |         |
|      | 34  | 34       | S40         | PLATE   | 38          | 17          | 1         | 1         | 17          |             |              |           |         |
|      |     |          |             |         |             |             |           |           |             | 181         | 201          |           |         |
| 40   | 14  | 14       | S40         | PLATE   | 107         | 10.1        | 1         | 1         | 10.1        |             |              |           |         |
|      | 10  | 10       | S40         | PLATE   | 70          | 14          | 1         | 1         | 14          |             |              |           |         |
|      | 30  | 30       | S40         | PLATE   | 110         | 10.4        | 1         | 1         | 10.4        |             |              |           |         |
|      | 30  | 30       | S40         | PLATE   | 10          | 12          | 1         | 1         | 12          |             |              |           |         |
|      | 30  | 30       | S40         | PLATE   | 30          | 19          | 1         | 1         | 19          |             |              |           |         |

Flambien, (Incher 19, 192)

**IFF**

Technical Department  
Issued For construction



## Horizontal Bracing For A10-A20 Abo Homos Steel Bridge

| General Nbr For Roads & Bridges (Abo Homos) 2373 | Client Order # | Dept | Item | D/C NO | Project # | ORDER # | Rev | By        | Checked | Date       |
|--|----------------|------|------|--------|-----------|---------|-----|-----------|---------|------------|
|  |                |      |      |        | MX-L-2373 | 479     | 2   | Engr. ... |         | 10/18/2021 |

Client Part List #

Client Ref Dwg No

| Start | Qty | Position | Steel Grade | SECTION | Unit L/Area | Unit Weight | Qty/Mark | Total Qty | Pos. Height | Mark Weight | Total Weight | Sheet No | Remarks |
|-------|-----|----------|-------------|---------|-------------|-------------|----------|-----------|-------------|-------------|--------------|----------|---------|
| 10    | 1   | 10       | S40         | 1/2x1/4 | 30          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 11       | S40         | 1/2x1/4 | 30          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 12       | S40         | 1/2x1/4 | 40          | 12.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 13       | S40         | 1/2x1/4 | 10          | 10          | 1        | 1         | 10          |             |              |          |         |
|       |     | 14       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 15       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 16       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 17       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 18       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 19       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 20       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 21       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 22       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 23       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 24       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 25       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 26       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 27       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 28       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 29       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 30       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 31       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 32       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 33       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 34       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 35       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 36       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 37       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 38       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 39       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 40       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 41       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 42       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 43       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 44       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 45       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 46       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 47       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 48       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 49       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 50       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 51       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 52       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 53       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 54       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 55       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 56       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 57       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 58       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 59       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 60       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 61       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 62       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 63       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 64       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 65       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 66       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 67       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 68       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 69       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 70       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 71       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 72       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 73       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 74       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 75       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 76       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 77       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 78       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 79       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 80       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 81       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 82       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 83       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 84       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 85       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 86       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 87       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 88       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 89       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 90       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 91       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 92       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 93       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 94       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 95       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 96       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 97       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 98       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 99       | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |
|       |     | 100      | S40         | 1/2x1/4 | 20          | 11.4        | 1        | 1         | 10          |             |              |          |         |



1-NOV-2021

Technical Department  
Issued For construction





## Horizontal Bracing For A19-A20 Abo Homos Steel Bridge

| General Note For Ready & Bridge(Abo Homos)2773 | Client Order # | Dept. | Item | DOC. No. | Project # | ORDER # | Rev | By       | Checked | Date       |
|--|----------------|-------|------|----------|-----------|---------|-----|----------|---------|------------|
|  |                |       |      |          | WAC-0373  | ATT     | 3   | Refrence |         | 18/10/2023 |

Client Part List #

Client Ref Draw No

| Mark | Qty | Position | Steel Grade | SECTION | Unit L/Arms | Unit Weight | Qty/ Mark | Total Qty | Pcs Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|-----------|-----------|------------|-------------|--------------|-----------|---------|
| A19  |     | 01       | A102        | FLANGE  | 45          | 54          | 1         | 1         | 54         |             |              |           |         |
|      |     | 02       | A102        | FLANGE  | 38          | 58          | 1         | 1         | 58         |             |              |           |         |
|      |     | 03       | A102        | FLANGE  | 38          | 118         | 1         | 1         | 118        |             |              |           |         |
|      |     | 04       | A102        | FLANGE  | 85          | 407         | 1         | 1         | 407        |             |              |           |         |
|      |     | 05       | A102        | FLANGE  | 44          | 62          | 1         | 1         | 62         |             |              |           |         |
|      |     | 06       | A102        | FLANGE  | 46          | 112         | 1         | 1         | 112        |             |              |           |         |
|      |     | 07       | A102        | FLANGE  | 45          | 84          | 1         | 1         | 84         |             |              |           |         |
|      |     | 08       | A102        | FLANGE  | 46          | 21          | 1         | 1         | 21         |             |              |           |         |
|      |     | 09       | A102        | FLANGE  | 46          | 84          | 1         | 1         | 84         |             |              |           |         |
|      |     | 10       | A102        | FLANGE  | 45          | 102         | 1         | 1         | 102        |             |              |           |         |
|      |     |          |             |         |             |             |           |           |            | 83.1        | 83.1         |           |         |
| A20  |     | 11       | A102        | FLANGE  | 228         | 76.4        | 1         | 1         | 76.4       |             |              |           |         |
|      |     | 12       | A102        | FLANGE  | 46          | 23          | 1         | 1         | 23         |             |              |           |         |
|      |     | 13       | A102        | FLANGE  | 37          | 62          | 1         | 1         | 62         |             |              |           |         |
|      |     | 14       | A102        | FLANGE  | 46          | 111         | 1         | 1         | 111        |             |              |           |         |
|      |     | 15       | A102        | FLANGE  | 115         | 11          | 1         | 1         | 11         |             |              |           |         |
|      |     | 16       | A102        | FLANGE  | 85          | 407         | 1         | 1         | 407        |             |              |           |         |
|      |     | 17       | A102        | FLANGE  | 47          | 103         | 1         | 1         | 103        |             |              |           |         |
|      |     | 18       | A102        | FLANGE  | 46          | 21          | 1         | 1         | 21         |             |              |           |         |
|      |     | 19       | A102        | FLANGE  | 46          | 84          | 1         | 1         | 84         |             |              |           |         |
|      |     | 20       | A102        | FLANGE  | 115         | 12          | 1         | 1         | 12         |             |              |           |         |
|      |     |          |             |         |             |             |           |           |            | 87.2        | 87.2         |           |         |
| A21  |     | 21       | A102        | FLANGE  | 407         | 82.8        | 1         | 1         | 82.8       |             |              |           |         |
|      |     | 22       | A102        | FLANGE  | 46          | 44          | 1         | 1         | 44         |             |              |           |         |
|      |     | 23       | A102        | FLANGE  | 40          | 34          | 1         | 1         | 34         |             |              |           |         |
|      |     | 24       | A102        | FLANGE  | 47          | 82.1        | 1         | 1         | 82.1       |             |              |           |         |
|      |     | 25       | A102        | FLANGE  | 46          | 122         | 1         | 1         | 122        |             |              |           |         |


**energysa**  
 Energy Solutions

+904-223

 Technical Department  
 Issued for construction

## Horizontal Bracing For A19-A20 Abu Homos Steel Bridge

| General Note For Roads & Bridges/Abu Homos/2023 | Client Order # | Dept. | Item | DOC. NO | Project # | ORDER # | Rev | By       | Checked | Date       |
|---|----------------|-------|------|---------|-----------|---------|-----|----------|---------|------------|
|   |                |       |      |         | MX-C-2023 | A19     | 1   | Autodesk |         | 10/19/2023 |

Client Part List #

Client Ref Draw No

| Mark | Qty | Position | Steel Grade | SECTION | Unit L/Area | Unit Weight | Qty/ Mark | Total Qty | Pos Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|-----------|-----------|------------|-------------|--------------|-----------|---------|
| 40   | 1   | 30       | S40         | A-20/10 | 14          | 33          | 4         | 4         | 12         |             |              |           |         |
|      |     | 30       | S40         | A-20/10 | 38          | 112         | 3         | 3         | 33         |             |              |           |         |
|      |     | 40       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |
|      |     |          |             |         |             |             |           |           |            | 369         | 369          |           |         |
| 40   | 1   | 10       | S40         | A-20/10 | 124         | 33          | 2         | 2         | 66         |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 14          | 44          | 3         | 3         | 132        |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 38          | 112         | 2         | 2         | 224        |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |
|      |     |          |             |         |             |             |           |           |            | 324         | 324          |           |         |
| 40   | 1   | 10       | S40         | A-20/10 | 112         | 33          | 2         | 2         | 66         |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |
|      |     |          |             |         |             |             |           |           |            | 341         | 341          |           |         |
| 40   | 1   | 10       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |
|      |     | 10       | S40         | A-20/10 | 112         | 33          | 1         | 1         | 33         |             |              |           |         |



energysa  
S.A. de C.V.

1 NOV 2023

Technical Department  
Issued For construction

**energysa**  
Energy Systems, LLC  
E NOV 2023  
Technical Department  
Issued For construction

## Horizontal Bracing For A19-A20 Abo Homos Steel Bridge

| General No For Roads & Bridges(Abo Homos)2371 | Client Order # | Dept. | Item | DOC. NO. | Project # | ORDER # | Rev | By    | Checked | Date       |
|---|----------------|-------|------|----------|-----------|---------|-----|-------|---------|------------|
|   |                |       |      |          | MX-L-2371 | 219     | 0   | Abbas |         | 18/10/2021 |

Client Part List #

Client Ref Dwg No

| Mark | Qty | Position | Steel Grade | SECTION | Unit Length | Unit Weight | Qty Mark | Total Qty | Pos. Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|----------|-----------|-------------|-------------|--------------|-----------|---------|
| 001  |     | 04       | S42         | P.23412 | 45          | 11.8        | 1        | 1         | 12          |             |              |           |         |
|      |     | 05       | S42         | P.23411 | 30          | 14          | 1        | 1         | 14          |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             | 162         | 363          |           |         |
| 002  |     | 06       | S42         | P.23401 | 173         | 40.5        | 1        | 1         | 41          |             |              |           |         |
|      |     | 07       | S42         | P.23408 | 152         | 39.4        | 1        | 1         | 39          |             |              |           |         |
|      |     | 08       | S42         | P.23411 | 20          | 11          | 1        | 1         | 11          |             |              |           |         |
|      |     | 07       | S42         | P.23401 | 110         | 46.1        | 1        | 1         | 46          |             |              |           |         |
|      |     | 08       | S42         | P.23401 | 401         | 10.8        | 1        | 1         | 10          |             |              |           |         |
|      |     | 07       | S42         | P.23401 | 10          | 18          | 4        | 4         | 71          |             |              |           |         |
|      |     | 04       | S42         | P.23412 | 34          | 12          | 1        | 1         | 12          |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             | 270         | 270          |           |         |
| 003  |     | 07       | S42         | P.23401 | 181         | 48.8        | 1        | 1         | 49          |             |              |           |         |
|      |     | 07       | S42         | P.23401 | 151         | 39.4        | 1        | 1         | 39          |             |              |           |         |
|      |     | 08       | S42         | P.23411 | 20          | 11          | 1        | 1         | 11          |             |              |           |         |
|      |     | 07       | S42         | P.23401 | 110         | 46.1        | 1        | 1         | 46          |             |              |           |         |
|      |     | 08       | S42         | P.23401 | 401         | 10.8        | 1        | 1         | 10          |             |              |           |         |
|      |     | 07       | S42         | P.23401 | 10          | 18          | 4        | 4         | 71          |             |              |           |         |
|      |     | 04       | S42         | P.23411 | 30          | 11          | 1        | 1         | 11          |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             | 271         | 271          |           |         |
| 004  |     | 07       | S42         | P.23401 | 171         | 40.5        | 1        | 1         | 41          |             |              |           |         |
|      |     | 08       | S42         | P.23411 | 10          | 14          | 1        | 1         | 14          |             |              |           |         |
|      |     | 07       | S42         | P.23401 | 110         | 39.4        | 1        | 1         | 39          |             |              |           |         |
|      |     | 08       | S42         | P.23411 | 20          | 11          | 1        | 1         | 11          |             |              |           |         |
|      |     | 07       | S42         | P.23401 | 110         | 46.1        | 1        | 1         | 46          |             |              |           |         |
|      |     | 08       | S42         | P.23401 | 401         | 10.8        | 1        | 1         | 10          |             |              |           |         |
|      |     | 07       | S42         | P.23401 | 10          | 18          | 4        | 4         | 71          |             |              |           |         |
|      |     | 04       | S42         | P.23411 | 30          | 11          | 1        | 1         | 11          |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             | 381         | 381          |           |         |
| 005  |     | 04       | S42         | P.23412 | 34          | 12.1        | 1        | 1         | 12          |             |              |           |         |



1 NOV 2021

Technical Department  
Issued For construction


## Horizontal Bracing For A19-A20 Abo Homos Steel Bridge

| General Note For Roads & Bridges/Abo Homos(2373) | Client Order # | Dept. | Item | DOC NO | Project # | ORDER # | Rev | By      | Checked | Date       |
|--|----------------|-------|------|--------|-----------|---------|-----|---------|---------|------------|
|  |                |       |      |        | MA-L-3373 | A19     | 0   | Refugee |         | 19/10/2023 |

Client Part List #

Client Ref Draw No

| Mark | Qty | Position | Steel Grade | SECTION | Unit L/Area | Unit Weight | Qty/ Mark | Total Qty | Pos. Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|-----------|-----------|-------------|-------------|--------------|-----------|---------|
| 400  |     | 10       | S40         | P220H   | 10          | 14          | 1         | 1         | 14          |             |              |           |         |
|      |     | 110      | S40         | P220H   | 110         | 14          | 1         | 1         | 14          |             |              |           |         |
|      |     | 120      | S40         | P220H   | 120         | 12          | 1         | 1         | 12          |             |              |           |         |
|      |     | 130      | S40         | P220H   | 130         | 11          | 1         | 1         | 11          |             |              |           |         |
|      |     | 140      | S40         | P220H   | 140         | 10          | 1         | 1         | 10          |             |              |           |         |
|      |     | 150      | S40         | P220H   | 150         | 9           | 1         | 1         | 9           |             |              |           |         |
|      |     | 160      | S40         | P220H   | 160         | 8           | 1         | 1         | 8           |             |              |           |         |
|      |     | 170      | S40         | P220H   | 170         | 7           | 1         | 1         | 7           |             |              |           |         |
|      |     | 180      | S40         | P220H   | 180         | 6           | 1         | 1         | 6           |             |              |           |         |
|      |     |          |             |         |             |             |           |           |             | 884         | 884          |           |         |
| 400  |     | 10       | S40         | P220H   | 10          | 14          | 1         | 1         | 14          |             |              |           |         |
|      |     | 110      | S40         | P220H   | 110         | 14          | 1         | 1         | 14          |             |              |           |         |
|      |     | 120      | S40         | P220H   | 120         | 12          | 1         | 1         | 12          |             |              |           |         |
|      |     | 130      | S40         | P220H   | 130         | 11          | 1         | 1         | 11          |             |              |           |         |
|      |     | 140      | S40         | P220H   | 140         | 10          | 1         | 1         | 10          |             |              |           |         |
|      |     | 150      | S40         | P220H   | 150         | 9           | 1         | 1         | 9           |             |              |           |         |
|      |     | 160      | S40         | P220H   | 160         | 8           | 1         | 1         | 8           |             |              |           |         |
|      |     | 170      | S40         | P220H   | 170         | 7           | 1         | 1         | 7           |             |              |           |         |
|      |     | 180      | S40         | P220H   | 180         | 6           | 1         | 1         | 6           |             |              |           |         |
|      |     |          |             |         |             |             |           |           |             | 326         | 326          |           |         |
| 400  |     | 10       | S40         | P220H   | 10          | 14          | 1         | 1         | 14          |             |              |           |         |
|      |     | 110      | S40         | P220H   | 110         | 14          | 1         | 1         | 14          |             |              |           |         |
|      |     | 120      | S40         | P220H   | 120         | 12          | 1         | 1         | 12          |             |              |           |         |
|      |     | 130      | S40         | P220H   | 130         | 11          | 1         | 1         | 11          |             |              |           |         |
|      |     | 140      | S40         | P220H   | 140         | 10          | 1         | 1         | 10          |             |              |           |         |
|      |     | 150      | S40         | P220H   | 150         | 9           | 1         | 1         | 9           |             |              |           |         |
|      |     | 160      | S40         | P220H   | 160         | 8           | 1         | 1         | 8           |             |              |           |         |
|      |     |          |             |         |             |             |           |           |             | 309         | 309          |           |         |
| 400  |     | 10       | S40         | P220H   | 10          | 14          | 1         | 1         | 14          |             |              |           |         |



energysa  
ENERGY SERVICES

1 NOV 2025

Technical Department  
Issued For construction



1 NOV 2023

Technical Department  
ISSUED For construction

## Horizontal Tracing For A19-A20 Abu Harnes Steel Bridge

| General Note For Roads & Bridges (Also consult 1573) | Client Order # | Dept. | Item | DOC. NO. | Project # | ORDER # | Rev. | By    | Checked | Date       |
|--|----------------|-------|------|----------|-----------|---------|------|-------|---------|------------|
|  |                |       |      |          | MX-1-2073 | A19     | 0    | adham |         | 10/10/2023 |

Client Part List #

Client Ref. Des. No

| Matr. | Qty | Position | Steel Grade | SECTION | Unit L/Arm | Unit Weight | Qty Mark | Total Qty | Pos. Weight | Mark Weight | Total Weight | Sheet No | Remarks |
|-------|-----|----------|-------------|---------|------------|-------------|----------|-----------|-------------|-------------|--------------|----------|---------|
| 44    |     | 45       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 46       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 47       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 48       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 49       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 50       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 51       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 52       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 53       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     |          |             |         |            |             |          |           |             |             | 539          | 539      |         |
| 45    |     | 54       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 55       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 56       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 57       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 58       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 59       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 60       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 61       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     |          |             |         |            |             |          |           |             |             | 543          | 543      |         |
| 46    |     | 62       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 63       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 64       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 65       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 66       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 67       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 68       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 69       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     | 70       | S40         | P200x   | 40         | 54          | 1        | 1         | 1           |             |              |          |         |
|       |     |          |             |         |            |             |          |           |             |             | 576          | 576      |         |



1 NOV 2023

Technical Department  
Issued For construction



## Horizontal Bracing For A19-A20 Abo Homos Steel Bridge

| General Note For Roads & Bridges(Abo Homos)2373 | Client Order # | Dept | Item | DOC NO | Project # | ORDER # | Rev | By       | Checked | Date       |
|---|----------------|------|------|--------|-----------|---------|-----|----------|---------|------------|
|   |                |      |      |        | MX-L-2373 | A19     | 8   | Abdullah |         | 18/10/2021 |

## Client Part List #

## Client Ref Dwg No

| Mark | Qty | Position | Steel Grade | SECTION | Unit L/Area | Unit Weight | Qty/ Mark | Total Qty | Pos Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|-----------|-----------|------------|-------------|--------------|-----------|---------|
| 100  |     | 10       | S355        | PL2000  | 14          | 24          | 15        | 15        | 6          |             |              |           |         |
|      |     | 20       | S355        | UP200   | 273         | 22.7        | 1         | 1         | 44         |             |              |           |         |
|      |     | 30       | S355        | PL2000  | 119         | 24          | 1         | 1         | 14         |             |              |           |         |
|      |     | 40       | S355        | PL2000  | 26          | 24          | 1         | 1         | 12         |             |              |           |         |
|      |     | 50       | S355        | PL2000  | 146         | 22.5        | 1         | 1         | 12         |             |              |           |         |
|      |     | 28       | S355        | UP200   | 28          | 14.7        | 1         | 1         | 20         |             |              |           |         |
|      |     | 35       | S355        | PL2000  | 30          | 14          | 1         | 1         | 22         |             |              |           |         |
|      |     | 44       | S355        | PL2000  | 44          | 22.3        | 1         | 1         | 20         |             |              |           |         |
|      |     | 52       | S355        | PL2000  | 20          | 14          | 1         | 1         | 16         |             |              |           |         |
|      |     | 60       | S355        | UP200   | 115         | 15.7        | 1         | 1         | 27         |             |              |           |         |
|      |     |          |             |         |             |             |           |           |            |             | 800          | 800       |         |
| 101  |     | 10       | S355        | PL2000  | 14          | 24          | 15        | 15        | 6          |             |              |           |         |
|      |     | 20       | S355        | UP200   | 273         | 22.7        | 1         | 1         | 44         |             |              |           |         |
|      |     | 30       | S355        | PL2000  | 119         | 24          | 1         | 1         | 14         |             |              |           |         |
|      |     | 39       | S355        | PL2000  | 30          | 14          | 1         | 1         | 22         |             |              |           |         |
|      |     | 44       | S355        | PL2000  | 44          | 22.3        | 1         | 1         | 20         |             |              |           |         |
|      |     | 52       | S355        | UP200   | 28          | 14.7        | 1         | 1         | 20         |             |              |           |         |
|      |     | 60       | S355        | PL2000  | 115         | 15.7        | 1         | 1         | 27         |             |              |           |         |
|      |     | 70       | S355        | PL2000  | 119         | 24          | 1         | 1         | 14         |             |              |           |         |
|      |     | 80       | S355        | PL2000  | 119         | 24          | 1         | 1         | 14         |             |              |           |         |
|      |     |          |             |         |             |             |           |           |            |             | 801          | 801       |         |
| 102  |     | 10       | S355        | PL2000  | 14          | 24          | 15        | 15        | 6          |             |              |           |         |
|      |     | 20       | S355        | UP200   | 273         | 22.7        | 1         | 1         | 22         |             |              |           |         |
|      |     | 30       | S355        | PL2000  | 119         | 24          | 1         | 1         | 14         |             |              |           |         |
|      |     | 40       | S355        | PL2000  | 26          | 24          | 1         | 1         | 6          |             |              |           |         |
|      |     | 50       | S355        | UP200   | 30          | 14.7        | 1         | 1         | 21         |             |              |           |         |
|      |     | 60       | S355        | UP200   | 38          | 14.3        | 1         | 1         | 26         |             |              |           |         |



14/10/2021

Technical Department  
Issued For construction

Handwritten text at the top of the page, possibly a title or subject.

| Sl. No. | Name | Roll No. | Grade | Section | Subject | Teacher | Period | Remarks |
|---------|------|----------|-------|---------|---------|---------|--------|---------|
|---------|------|----------|-------|---------|---------|---------|--------|---------|

Page No. 100

Page No. 100

| Sl. No. | Name | Roll No. | Grade | Section | Subject | Teacher | Period | Remarks |
|---------|------|----------|-------|---------|---------|---------|--------|---------|
| 1       |      |          |       |         |         |         |        |         |
| 2       |      |          |       |         |         |         |        |         |
| 3       |      |          |       |         |         |         |        |         |
| 4       |      |          |       |         |         |         |        |         |
| 5       |      |          |       |         |         |         |        |         |
| 6       |      |          |       |         |         |         |        |         |
| 7       |      |          |       |         |         |         |        |         |
| 8       |      |          |       |         |         |         |        |         |
| 9       |      |          |       |         |         |         |        |         |
| 10      |      |          |       |         |         |         |        |         |
| 11      |      |          |       |         |         |         |        |         |
| 12      |      |          |       |         |         |         |        |         |
| 13      |      |          |       |         |         |         |        |         |
| 14      |      |          |       |         |         |         |        |         |
| 15      |      |          |       |         |         |         |        |         |
| 16      |      |          |       |         |         |         |        |         |
| 17      |      |          |       |         |         |         |        |         |
| 18      |      |          |       |         |         |         |        |         |
| 19      |      |          |       |         |         |         |        |         |
| 20      |      |          |       |         |         |         |        |         |
| 21      |      |          |       |         |         |         |        |         |
| 22      |      |          |       |         |         |         |        |         |
| 23      |      |          |       |         |         |         |        |         |
| 24      |      |          |       |         |         |         |        |         |
| 25      |      |          |       |         |         |         |        |         |
| 26      |      |          |       |         |         |         |        |         |
| 27      |      |          |       |         |         |         |        |         |
| 28      |      |          |       |         |         |         |        |         |
| 29      |      |          |       |         |         |         |        |         |
| 30      |      |          |       |         |         |         |        |         |
| 31      |      |          |       |         |         |         |        |         |
| 32      |      |          |       |         |         |         |        |         |
| 33      |      |          |       |         |         |         |        |         |
| 34      |      |          |       |         |         |         |        |         |
| 35      |      |          |       |         |         |         |        |         |
| 36      |      |          |       |         |         |         |        |         |
| 37      |      |          |       |         |         |         |        |         |
| 38      |      |          |       |         |         |         |        |         |
| 39      |      |          |       |         |         |         |        |         |
| 40      |      |          |       |         |         |         |        |         |
| 41      |      |          |       |         |         |         |        |         |
| 42      |      |          |       |         |         |         |        |         |
| 43      |      |          |       |         |         |         |        |         |
| 44      |      |          |       |         |         |         |        |         |
| 45      |      |          |       |         |         |         |        |         |
| 46      |      |          |       |         |         |         |        |         |
| 47      |      |          |       |         |         |         |        |         |
| 48      |      |          |       |         |         |         |        |         |
| 49      |      |          |       |         |         |         |        |         |
| 50      |      |          |       |         |         |         |        |         |
| 51      |      |          |       |         |         |         |        |         |
| 52      |      |          |       |         |         |         |        |         |
| 53      |      |          |       |         |         |         |        |         |
| 54      |      |          |       |         |         |         |        |         |
| 55      |      |          |       |         |         |         |        |         |
| 56      |      |          |       |         |         |         |        |         |
| 57      |      |          |       |         |         |         |        |         |
| 58      |      |          |       |         |         |         |        |         |
| 59      |      |          |       |         |         |         |        |         |
| 60      |      |          |       |         |         |         |        |         |
| 61      |      |          |       |         |         |         |        |         |
| 62      |      |          |       |         |         |         |        |         |
| 63      |      |          |       |         |         |         |        |         |
| 64      |      |          |       |         |         |         |        |         |
| 65      |      |          |       |         |         |         |        |         |
| 66      |      |          |       |         |         |         |        |         |
| 67      |      |          |       |         |         |         |        |         |
| 68      |      |          |       |         |         |         |        |         |
| 69      |      |          |       |         |         |         |        |         |
| 70      |      |          |       |         |         |         |        |         |
| 71      |      |          |       |         |         |         |        |         |
| 72      |      |          |       |         |         |         |        |         |
| 73      |      |          |       |         |         |         |        |         |
| 74      |      |          |       |         |         |         |        |         |
| 75      |      |          |       |         |         |         |        |         |
| 76      |      |          |       |         |         |         |        |         |
| 77      |      |          |       |         |         |         |        |         |
| 78      |      |          |       |         |         |         |        |         |
| 79      |      |          |       |         |         |         |        |         |
| 80      |      |          |       |         |         |         |        |         |
| 81      |      |          |       |         |         |         |        |         |
| 82      |      |          |       |         |         |         |        |         |
| 83      |      |          |       |         |         |         |        |         |
| 84      |      |          |       |         |         |         |        |         |
| 85      |      |          |       |         |         |         |        |         |
| 86      |      |          |       |         |         |         |        |         |
| 87      |      |          |       |         |         |         |        |         |
| 88      |      |          |       |         |         |         |        |         |
| 89      |      |          |       |         |         |         |        |         |
| 90      |      |          |       |         |         |         |        |         |
| 91      |      |          |       |         |         |         |        |         |
| 92      |      |          |       |         |         |         |        |         |
| 93      |      |          |       |         |         |         |        |         |
| 94      |      |          |       |         |         |         |        |         |
| 95      |      |          |       |         |         |         |        |         |
| 96      |      |          |       |         |         |         |        |         |
| 97      |      |          |       |         |         |         |        |         |
| 98      |      |          |       |         |         |         |        |         |
| 99      |      |          |       |         |         |         |        |         |
| 100     |      |          |       |         |         |         |        |         |

Handwritten text and a logo in the bottom right corner of the page.

## Horizontal Bracing For A19-A20 Abo Homus Steel Bridge

| General Note For Roads & Bridges(Abo Homus)1373 | Client Order # | Dept. | Item | DDC NO. | Project # | ORDER # | Rev | By    | Checked | Date       |
|---|----------------|-------|------|---------|-----------|---------|-----|-------|---------|------------|
|   |                |       |      |         | MX-L-2373 | A19     | 0   | Behar |         | 10/19/2023 |

Client Part List #

Client Ref Dwg No

| Mark | Qty | Position | Steel Grade | SECTION | Unit L/Area | Unit Weight | Qty/ Mark | Total Qty | Pos Weight | Mark Weight | Total Weight | Sheet No | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|-----------|-----------|------------|-------------|--------------|----------|---------|
| 44   |     | 37       | S42         | PL200   | 10          | 47          | 3         | 3         | 30         |             |              |          |         |
|      |     | 37       | S42         | PL200   | 10          | 28          | 4         | 4         | 32         |             |              |          |         |
|      |     | 38       | S42         | PL200   | 10          | 17          | 4         | 4         | 31         |             |              |          |         |
|      |     | 40       | S42         | PL200   | 10          | 13          | 4         | 4         | 30         |             |              |          |         |
|      |     |          |             |         |             |             |           |           |            |             | 574          | 574      |         |
| 44   |     | 38       | S42         | PL200   | 10          | 12          | 19        | 19        | 4          |             |              |          |         |
|      |     | 39       | S42         | PL200   | 10          | 20.1        | 3         | 3         | 40         |             |              |          |         |
|      |     | 75       | S42         | PL200   | 10          | 13          | 2         | 2         | 14         |             |              |          |         |
|      |     | 75       | S42         | PL200   | 10          | 12          | 4         | 4         | 12         |             |              |          |         |
|      |     | 75       | S42         | PL200   | 10          | 12          | 2         | 2         | 10         |             |              |          |         |
|      |     | 20       | S42         | PL200   | 10          | 11          | 2         | 2         | 20         |             |              |          |         |
|      |     | 20       | S42         | PL200   | 10          | 10          | 2         | 2         | 10         |             |              |          |         |
|      |     | 40       | S42         | PL200   | 10          | 13          | 5         | 5         | 33         |             |              |          |         |
|      |     | 44       | S42         | PL200   | 10          | 11          | 4         | 4         | 30         |             |              |          |         |
|      |     | 45       | S42         | PL200   | 10          | 13          | 4         | 4         | 30         |             |              |          |         |
|      |     |          |             |         |             |             |           |           |            |             | 687          | 687      |         |
| 44   |     | 38       | S42         | PL200   | 10          | 12          | 4         | 4         | 4          |             |              |          |         |
|      |     | 38       | S42         | PL200   | 10          | 10.5        | 3         | 3         | 30         |             |              |          |         |
|      |     | 11       | S42         | PL200   | 10          | 10          | 1         | 1         | 10         |             |              |          |         |
|      |     | 20       | S42         | PL200   | 10          | 11          | 4         | 4         | 1          |             |              |          |         |
|      |     | 24       | S42         | PL200   | 10          | 12          | 1         | 1         | 10         |             |              |          |         |
|      |     | 28       | S42         | PL200   | 10          | 11          | 1         | 1         | 30         |             |              |          |         |
|      |     | 27       | S42         | PL200   | 10          | 10.1        | 1         | 1         | 10         |             |              |          |         |
|      |     | 40       | S42         | PL200   | 10          | 13          | 5         | 5         | 30         |             |              |          |         |
|      |     | 27       | S42         | PL200   | 10          | 10          | 10        | 10        | 10         |             |              |          |         |
|      |     | 40       | S42         | PL200   | 10          | 11          | 4         | 4         | 40         |             |              |          |         |
|      |     |          |             |         |             |             |           |           |            |             | 729          | 729      |         |
| 44   |     | 38       | S42         | PL200   | 10          | 12          | 12        | 12        | 6          |             |              |          |         |


**energy**  
 Energy Engineering & Construction

L NIT 203

Technical Department  
Issued For construction



Release No - 0002

SHEET NO - MX-L-2372-A18-0002

Horizontal Bracing For A18-A20 Abu Homos Steel Bridge

| General Note For Roads & Bridges Abu Homos (2372) | Client Order # | Dept | Item | DWG NO | Project # | ORDER # | Rev | By  | Checked |
|---|----------------|------|------|--------|-----------|---------|-----|-----|---------|
|   |                |      |      |        | MX-L-2372 | 238     | 1   | Amr |         |

Client Part List #

Client Ref/Dwg No

| Mark | Qty | Position | Steel Grade | SECTION | Unit/L Area | Old Height | Qty/ Mark | Total Qty | Pos. Height | Mark Height | Total Height | Steel No | Remarks |
|------|-----|----------|-------------|---------|-------------|------------|-----------|-----------|-------------|-------------|--------------|----------|---------|
| 001  | 1   | 01       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 02       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 03       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 04       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 05       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 06       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 07       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 08       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 09       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 10       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 11       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 12       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 13       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 14       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 15       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 16       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 17       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 18       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 19       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 20       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 21       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 22       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 23       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 24       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 25       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 26       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 27       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 28       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 29       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 30       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 31       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 32       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 33       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 34       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 35       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 36       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 37       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 38       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 39       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 40       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 41       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 42       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 43       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 44       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 45       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 46       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 47       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 48       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 49       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 50       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 51       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 52       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 53       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 54       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 55       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 56       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 57       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 58       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 59       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 60       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 61       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 62       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 63       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 64       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 65       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 66       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 67       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 68       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 69       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 70       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 71       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 72       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 73       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 74       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 75       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 76       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 77       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 78       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 79       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 80       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 81       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 82       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 83       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 84       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 85       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 86       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 87       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 88       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 89       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 90       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 91       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 92       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 93       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 94       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 95       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 96       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 97       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 98       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 99       | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |
|      |     | 100      | 400         | 400x400 | mm          | 40         | 1         | 1         | 4           |             |              |          |         |



Release No : 0002

SHEET NO - M3-L-2373-A19-0002

IFF

Horizontal Bracing For A19-A20 Abo Homos Steel Bridge

| General Note For Roads & Bridges(Abo Homos)2373 | Client Order # | Dept. | Item | DOC. NO. | Project # | ORDER # | Rev | By       | Checked | Date       |
|---|----------------|-------|------|----------|-----------|---------|-----|----------|---------|------------|
|   |                |       |      |          | M3-L-2373 | A19     | 2   | Abdullah |         | 10/18/2021 |

Client Part List #

Client Ref Dwg No

| Mat | Qty | Position | Steel Grade | SECTION | Unit L/Area | Unit Weight | Qty/ Mat | Total Qty | Pos. Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|-----|-----|----------|-------------|---------|-------------|-------------|----------|-----------|-------------|-------------|--------------|-----------|---------|
| A19 | 1   | 10       | S45         | SP-20   | 35          | 43          | 1        | 1         | 43          |             | 43           |           |         |
| A19 | 1   | 11       | S45         | A-100   | 10          | 11          | 1        | 1         | 11          |             | 11           |           |         |
| A19 | 1   | 12       | S45         | SP-20   | 275         | 150.2       | 1        | 1         | 150.2       |             | 150.2        |           |         |
| A19 | 1   | 13       | S45         | A-100   | 110         | 64          | 1        | 1         | 64          |             | 64           |           |         |
| A19 | 1   | 14       | S45         | A-100   | 38          | 21          | 1        | 1         | 21          |             | 21           |           |         |
| A19 | 1   | 15       | S45         | SP-20   | 30          | 32          | 1        | 1         | 32          |             | 32           |           |         |
| A19 | 1   | 16       | S45         | SP-20   | 36          | 44          | 1        | 1         | 44          |             | 44           |           |         |
| A19 | 1   | 17       | S45         | A-100   | 10          | 45          | 1        | 1         | 45          |             | 45           |           |         |
| A19 | 1   | 18       | S45         | A-100   | 11          | 51          | 1        | 1         | 51          |             | 51           |           |         |
| A19 | 1   | 19       | S45         | A-100   | 18          | 17          | 1        | 1         | 17          |             | 17           |           |         |
| A19 | 1   | 20       | S45         | A-100   | 11          | 13          | 1        | 1         | 13          |             | 13           |           |         |
| A19 | 1   | 21       | S45         | A-100   | 10          | 14          | 1        | 1         | 14          |             | 14           |           |         |
| A19 | 1   | 22       | S45         | SP-20   | 100         | 16.1        | 1        | 1         | 16.1        |             | 16.1         |           |         |
| A19 | 1   | 23       | S45         | A-100   | 110         | 34          | 1        | 1         | 34          |             | 34           |           |         |
| A19 | 1   | 24       | S45         | A-100   | 38          | 13          | 1        | 1         | 13          |             | 13           |           |         |
| A19 | 1   | 25       | S45         | SP-20   | 10          | 37          | 1        | 1         | 37          |             | 37           |           |         |
| A19 | 1   | 26       | S45         | SP-20   | 38          | 63          | 1        | 1         | 63          |             | 63           |           |         |
| A19 | 1   | 27       | S45         | A-100   | 10          | 47          | 1        | 1         | 47          |             | 47           |           |         |
| A19 | 1   | 28       | S45         | A-100   | 11          | 19          | 1        | 1         | 19          |             | 19           |           |         |
| A19 | 1   | 29       | S45         | A-100   | 10          | 17          | 1        | 1         | 17          |             | 17           |           |         |
| A19 | 1   | 30       | S45         | SP-20   | 10          | 15          | 1        | 1         | 15          |             | 15           |           |         |
| A19 | 1   | 31       | S45         | A-100   | 10          | 14          | 1        | 1         | 14          |             | 14           |           |         |
| A19 | 1   | 32       | S45         | SP-20   | 100         | 11.1        | 1        | 1         | 11.1        |             | 11.1         |           |         |
| A19 | 1   | 33       | S45         | A-100   | 110         | 33          | 1        | 1         | 33          |             | 33           |           |         |
| A19 | 1   | 34       | S45         | A-100   | 38          | 13          | 1        | 1         | 13          |             | 13           |           |         |



E 007 823

Technical Department  
Issued For construction

Thursday, October 19, 2021

IFF

Page 14 of 21

Release No. 0001

SHEET NO. &gt;

MX-L-2373-A19-0001

IFF

Horizontal Bracing For A19-A20 Abc Homos Steel Bridge

| General Note For Roads & Bridges (Abc Homos) (373) | Client Order # | Dept. | Item | DOC. NO. | Project # | ORDER # | Rev | By     | Checked | Date       |
|--|----------------|-------|------|----------|-----------|---------|-----|--------|---------|------------|
|  |                |       |      |          | MX-L-2373 | A19     | 0   | Person |         | 13/10/2023 |

Client Part List #

Client Ref Dwg No.

| Mark | Qty | Position | Steel Grade | SECTION | Unit L/Area | Unit Weight | Qty Mark | Total Qty | Pos. Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|----------|-----------|-------------|-------------|--------------|-----------|---------|
| 00   |     | 08       | S42         | CH100   | 38          | 173         | 2        | 2         | 34          |             |              |           |         |
|      |     | 10       | S42         | CH100   | 38          | 163         | 2        | 2         | 32          |             |              |           |         |
|      |     | 28       | S42         | CH100   | 40          | 167         | 2        | 2         | 33          |             |              |           |         |
|      |     | 30       | S42         | FL100x  | 38          | 18          | 8        | 8         | 144         |             |              |           |         |
|      |     | 38       | S42         | FL100x  | 38          | 22          | 8        | 8         | 176         |             |              |           |         |
|      |     | 40       | S42         | FL100x  | 40          | 173         | 4        | 4         | 69          |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             | 882         | 882          |           |         |
| 00   |     | 02       | S42         | FL100x  | 38          | 174         | 2        | 2         | 34          |             |              |           |         |
|      |     | 04       | S42         | FL100x  | 38          | 173         | 2        | 2         | 34          |             |              |           |         |
|      |     | 06       | S42         | FL100x  | 38          | 162         | 2        | 2         | 32          |             |              |           |         |
|      |     | 18       | S42         | FL100x  | 38          | 18          | 2        | 2         | 36          |             |              |           |         |
|      |     | 20       | S42         | FL100x  | 38          | 22.5        | 2        | 2         | 45          |             |              |           |         |
|      |     | 30       | S42         | FL100x  | 38          | 24          | 2        | 2         | 48          |             |              |           |         |
|      |     | 32       | S42         | FL100x  | 40          | 23          | 2        | 2         | 46          |             |              |           |         |
|      |     | 34       | S42         | FL100x  | 40          | 18          | 2        | 2         | 36          |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             | 342         | 342          |           |         |
| 00   |     | 00       | S42         | FL100x  | 38          | 22          | 2        | 2         | 44          |             |              |           |         |
|      |     | 02       | S42         | FL100x  | 38          | 24.5        | 2        | 2         | 49          |             |              |           |         |
|      |     | 10       | S42         | FL100x  | 38          | 24.8        | 2        | 2         | 50          |             |              |           |         |
|      |     | 20       | S42         | FL100x  | 38          | 22          | 2        | 2         | 44          |             |              |           |         |
|      |     | 22       | S42         | FL100x  | 38          | 22          | 2        | 2         | 44          |             |              |           |         |
|      |     | 24       | S42         | FL100x  | 40          | 27.5        | 2        | 2         | 55          |             |              |           |         |
|      |     | 26       | S42         | FL100x  | 38          | 18          | 8        | 8         | 144         |             |              |           |         |
|      |     | 28       | S42         | FL100x  | 38          | 17          | 2        | 2         | 34          |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             | 287         | 287          |           |         |
| 00   |     | 00       | S42         | FL100x  | 38          | 14          | 4        | 4         | 56          |             |              |           |         |
|      |     | 02       | S42         | FL100x  | 38          | 22.5        | 2        | 2         | 45          |             |              |           |         |
|      |     | 20       | S42         | FL100x  | 110         | 204         | 2        | 2         | 408         |             |              |           |         |

**energysa**  
S.A. de C.V.  
1 JULY 2023  
Technical Department  
Issued For construction

Thursday, October 19, 2023

IFF

Page 13 of 12




Horizontal Bracing For A19-A20 Abu Homos Steel Bridge

| General Note For Roads & Bridges (Abu Homos) (2/13) | Client Order # | Dept. | Item | BOC NO. | Project # | ORDER # | Rev | By    | Checked | Date       |
|---|----------------|-------|------|---------|-----------|---------|-----|-------|---------|------------|
|   |                |       |      |         | MKL-3171  | A19     | 1   | adnan |         | 10/10/2023 |

Client Part List #

Client Ref Dwg No

| Mat | Dy | Position | Steel Grade | SECTION | Unit L/area | Unit Weight | Qty/ Mat | Total Qty | Pos. Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|-----|----|----------|-------------|---------|-------------|-------------|----------|-----------|-------------|-------------|--------------|-----------|---------|
| 400 |    | 25       | S40         | A19A1   | 88          | 23          | 1        | 1         | 3           |             |              |           |         |
|     |    | 27       | S40         | A19A2   | 88          | 47          | 1        | 1         | 46          |             |              |           |         |
|     |    | 38       | S40         | A19A2   | 25          | 43          | 1        | 1         | 38          |             |              |           |         |
|     |    | 37       | S40         | A19A2   | 19          | 23          | 2        | 2         | 46          |             |              |           |         |
|     |    | 38       | S40         | A19A2   | 82          | 17          | 1        | 1         | 3           |             |              |           |         |
|     |    |          |             |         |             |             |          |           |             | 377         | 377          |           |         |
| 400 |    | 42       | S40         | A19A2   | 88          | 33          | 1        | 1         | 1           |             |              |           |         |
|     |    | 43       | S40         | A19A2   | 144         | 44          | 1        | 1         | 47          |             |              |           |         |
|     |    | 45       | S40         | A19A2   | 133         | 34          | 1        | 1         | 35          |             |              |           |         |
|     |    | 42       | S40         | A19A2   | 38          | 12          | 1        | 1         | 1           |             |              |           |         |
|     |    | 47       | S40         | A19A2   | 58          | 47          | 1        | 1         | 46          |             |              |           |         |
|     |    | 48       | S40         | A19A2   | 42          | 33          | 1        | 1         | 35          |             |              |           |         |
|     |    | 50       | S40         | A19A2   | 52          | 19          | 4        | 4         | 77          |             |              |           |         |
|     |    | 58       | S40         | A19A2   | 88          | 17          | 1        | 1         | 4           |             |              |           |         |
|     |    |          |             |         |             |             |          |           |             | 271         | 271          |           |         |
| 400 |    | 14       | S40         | A19A2   | 52          | 14          | 1        | 1         | 1           |             |              |           |         |
|     |    | 16       | S40         | A19A2   | 120         | 44          | 1        | 1         | 46          |             |              |           |         |
|     |    | 27       | S40         | A19A2   | 12          | 34          | 1        | 1         | 35          |             |              |           |         |
|     |    | 28       | S40         | A19A2   | 52          | 12          | 1        | 1         | 1           |             |              |           |         |
|     |    | 29       | S40         | A19A2   | 38          | 33          | 1        | 1         | 34          |             |              |           |         |
|     |    | 30       | S40         | A19A2   | 52          | 14          | 4        | 4         | 77          |             |              |           |         |
|     |    | 34       | S40         | A19A2   | 47          | 33          | 1        | 1         | 37          |             |              |           |         |
|     |    | 35       | S40         | A19A2   | 37          | 14          | 1        | 1         | 19          |             |              |           |         |
|     |    |          |             |         |             |             |          |           |             | 328         | 328          |           |         |
| 400 |    | 40       | S40         | A19A2   | 120         | 33          | 1        | 1         | 33          |             |              |           |         |
|     |    | 42       | S40         | A19A2   | 16          | 14          | 2        | 2         | 1           |             |              |           |         |
|     |    | 43       | S40         | A19A2   | 158         | 34          | 1        | 1         | 35          |             |              |           |         |
|     |    | 45       | S40         | A19A2   | 38          | 19          | 1        | 1         | 4           |             |              |           |         |



onorgya®  
Energy Technology

|| 104-285

Technical Department  
Issued For construction

**onorgya**  
ONORGYA ENGINEERING & CONSULTING  
 1104-200  
 Technical Department  
 Issued For construction


## Horizontal Bracing For A19-A20/Abo Homos Steel Bridge

| General Note For Roads & Bridges(Abo Homos)2373 | Client Order # | Dept. | Item | DOC No. | Project # | ORDER # | Rev | By       | Checked | Date       |
|---|----------------|-------|------|---------|-----------|---------|-----|----------|---------|------------|
|   |                |       |      |         | MX-L-2373 | A19     | 0   | Engineer |         | 16/10/2023 |

Client Part List :

Client Ref Dwg No

| Mark | Qty | Position | Steel Grade | SECTION | Unit L/Area | Unit Weight | Qty/Mark | Total Qty | Pos. Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|----------|-----------|-------------|-------------|--------------|-----------|---------|
| 44   |     | 25       | S40         | A3070   | 55          | 0.1         | 1        | 1         | 34          |             |              |           |         |
|      |     | 87       | S40         | A3070   | 55          | 0.1         | 1        | 1         | 34          |             |              |           |         |
|      |     | 88       | S40         | A3070   | 470         | 0.1         | 2        | 2         | 67          |             |              |           |         |
|      |     | 95       | S40         | A3070   | 33          | 0.1         | 1        | 1         | 19          |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             | 353         | 303          |           |         |
| 45   |     | 100      | S40         | A3070   | 39          | 0.1         | 1        | 1         | 1           |             |              |           |         |
|      |     | 104      | S40         | UPR30   | 444         | 0.1         | 2        | 2         | 87          |             |              |           |         |
|      |     | 275      | S40         | A3070   | 1100        | 0.1         | 1        | 1         | 75          |             |              |           |         |
|      |     | 301      | S40         | A3070   | 36          | 0.1         | 1        | 1         | 1           |             |              |           |         |
|      |     | 371      | S40         | A3070   | 130         | 0.1         | 1        | 1         | 46          |             |              |           |         |
|      |     | 400      | S40         | A3070   | 42          | 0.1         | 1        | 1         | 36          |             |              |           |         |
|      |     | 407      | S40         | A3070   | 11          | 0.1         | 4        | 4         | 77          |             |              |           |         |
|      |     | 408      | S40         | A3070   | 30          | 0.1         | 2        | 2         | 36          |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             | 282         | 282          |           |         |
| 46   |     | 10       | S40         | UPR30   | 470         | 0.1         | 1        | 1         | 420         |             |              |           |         |
|      |     | 70       | S40         | A3070   | 44          | 0.1         | 5        | 5         | 6           |             |              |           |         |
|      |     | 210      | S40         | A3070   | 110         | 0.1         | 1        | 1         | 101         |             |              |           |         |
|      |     | 210      | S40         | A3070   | 36          | 0.1         | 1        | 1         | 9           |             |              |           |         |
|      |     | 270      | S40         | A3070   | 30          | 0.1         | 1        | 1         | 30          |             |              |           |         |
|      |     | 270      | S40         | A3070   | 30          | 0.1         | 1        | 1         | 30          |             |              |           |         |
|      |     | 300      | S40         | A3070   | 36          | 0.1         | 1        | 1         | 30          |             |              |           |         |
|      |     | 300      | S40         | A3070   | 36          | 0.1         | 1        | 1         | 30          |             |              |           |         |
|      |     | 400      | S40         | A3070   | 42          | 0.1         | 1        | 1         | 36          |             |              |           |         |
|      |     | 417      | S40         | A3070   | 30          | 0.1         | 1        | 1         | 30          |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             | 692         | 692          |           |         |
| 47   |     | 10       | S40         | A3070   | 44          | 0.1         | 1        | 1         | 1           |             |              |           |         |
|      |     | 110      | S40         | UPR30   | 44          | 0.1         | 1        | 1         | 10          |             |              |           |         |
|      |     | 110      | S40         | A3070   | 44          | 0.1         | 1        | 1         | 10          |             |              |           |         |



4 NOV 2023

Technical Department  
to:GUS For construction



4 NOV 2023

Technical Department  
Issued For construction

## Horizontal Bracing For A19-A20 Abo Hornos Steel Bridge

| General Note For Roads & Bridges/Abo Hornos(11/13) | Client Order # | Dept. | Item | DOC. NO. | Project # | ORDER # | Rev | By      | Checked | Date       |
|--|----------------|-------|------|----------|-----------|---------|-----|---------|---------|------------|
|  |                |       |      |          | MX-L-2272 | A19     | 1   | Johnson |         | 01/10/2022 |

Client Part List #

Client Ref. Draw No

| Mark | Qty | Position | Steel Grade | SECTION | Unit L/Area | Unit Weight | Qty Mark | Total Qty | Pcs | Mark Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|----------|-----------|-----|-------------|--------------|-----------|---------|
| 44   |     | 24       | S235        | PLATE   | 20          | 12          | 1        | 1         | 1   |             |              |           |         |
|      |     | 25       | S235        | PLATE   | 20          | 12          | 1        | 1         | 1   |             |              |           |         |
|      |     | 26       | S235        | PLATE   | 20          | 12          | 4        | 4         | 11  |             |              |           |         |
|      |     | 28       | S235        | PLATE   | 40          | 113         | 1        | 1         | 17  |             |              |           |         |
|      |     | 29       | S235        | PLATE   | 20          | 12          | 1        | 1         | 16  |             |              |           |         |
|      |     |          |             |         |             |             |          |           |     | 117         | 117          |           |         |
| 45   |     | 30       | S235        | PLATE   | 20          | 12          | 16       | 16        | 4   |             |              |           |         |
|      |     | 31       | S235        | PLATE   | 20          | 12          | 1        | 1         | 60  |             |              |           |         |
|      |     | 32       | S235        | PLATE   | 20          | 12          | 1        | 1         | 41  |             |              |           |         |
|      |     | 33       | S235        | PLATE   | 20          | 12          | 4        | 4         | 18  |             |              |           |         |
|      |     | 34       | S235        | PLATE   | 20          | 12          | 1        | 1         | 16  |             |              |           |         |
|      |     | 35       | S235        | PLATE   | 20          | 12          | 1        | 1         | 60  |             |              |           |         |
|      |     | 36       | S235        | PLATE   | 20          | 12          | 1        | 1         | 47  |             |              |           |         |
|      |     | 37       | S235        | PLATE   | 20          | 12          | 4        | 4         | 22  |             |              |           |         |
|      |     | 38       | S235        | PLATE   | 20          | 12          | 4        | 4         | 16  |             |              |           |         |
|      |     | 39       | S235        | PLATE   | 20          | 12          | 4        | 4         | 12  |             |              |           |         |
|      |     |          |             |         |             |             |          |           |     | 180         | 180          |           |         |
| 46   |     | 40       | S235        | PLATE   | 20          | 12          | 1        | 1         | 1   |             |              |           |         |
|      |     | 41       | S235        | PLATE   | 20          | 12          | 1        | 1         | 16  |             |              |           |         |
|      |     | 42       | S235        | PLATE   | 20          | 12          | 1        | 1         | 16  |             |              |           |         |
|      |     | 43       | S235        | PLATE   | 20          | 12          | 1        | 1         | 6   |             |              |           |         |
|      |     | 44       | S235        | PLATE   | 20          | 12          | 1        | 1         | 14  |             |              |           |         |
|      |     | 45       | S235        | PLATE   | 20          | 12          | 4        | 4         | 11  |             |              |           |         |
|      |     | 46       | S235        | PLATE   | 20          | 12          | 1        | 1         | 12  |             |              |           |         |
|      |     | 47       | S235        | PLATE   | 20          | 12          | 1        | 1         | 16  |             |              |           |         |
|      |     |          |             |         |             |             |          |           |     | 243         | 243          |           |         |
| 47   |     | 48       | S235        | PLATE   | 20          | 12          | 1        | 1         | 1   |             |              |           |         |
|      |     | 49       | S235        | PLATE   | 20          | 12          | 1        | 1         | 60  |             |              |           |         |

Thursday, October 28, 2022



Page 18 of 41



## Horizontal Bracing For A19-A20 Abo Homos Steel Bridge

| General Note For Roads & Bridges(Abo Homos)2373 | Client Order # | Dept. | Item | DOC. NO. | Project # | ORDER # | Rev | By    | Checked | Date       |
|---|----------------|-------|------|----------|-----------|---------|-----|-------|---------|------------|
|   |                |       |      |          | MX-L-2373 | A19     | 0   | ammar |         | 19/10/2023 |

Client Part List #

Client Ref Dwg No

| Mark | Qty | Position | Steel Grade | SECTION | Unit LArea | Unit Weight | Dty/Start | Total Qty | Pos. Weight | Mark | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|------------|-------------|-----------|-----------|-------------|------|--------------|-----------|---------|
| 44   | 1   | 19       | S42         | P-2001  | 56         | 5.5         | 1         | 1         | 5           |      |              |           |         |
|      |     | 20       | S42         | P-2002  | 56         | 5.5         | 1         | 1         | 5           |      |              |           |         |
|      |     | 24       | S42         | P-2003  | 45         | 4.2         | 1         | 1         | 4           |      |              |           |         |
|      |     | 25       | S42         | P-2004  | 50         | 5.1         | 1         | 1         | 5           |      |              |           |         |
|      |     | 26       | S42         | P-2005  | 47         | 4.2         | 1         | 1         | 4           |      |              |           |         |
|      |     |          |             |         |            |             |           |           |             | 342  | 342          |           |         |
| 45   | 1   | 42       | S42         | P-2006  | 55         | 5.4         | 1         | 1         | 5           |      |              |           |         |
|      |     | 44       | S42         | P-2007  | 111        | 10.4        | 1         | 1         | 10          |      |              |           |         |
|      |     | 115      | S42         | P-2008  | 100        | 9.4         | 1         | 1         | 9           |      |              |           |         |
|      |     | 22       | S42         | P-2009  | 30         | 2.8         | 1         | 1         | 2           |      |              |           |         |
|      |     | 27       | S42         | P-2010  | 24         | 2.2         | 1         | 1         | 2           |      |              |           |         |
|      |     | 28       | S42         | P-2011  | 40         | 3.8         | 1         | 1         | 3           |      |              |           |         |
|      |     | 32       | S42         | P-2012  | 55         | 5.4         | 1         | 1         | 5           |      |              |           |         |
|      |     | 33       | S42         | P-2013  | 38         | 3.7         | 1         | 1         | 3           |      |              |           |         |
|      |     |          |             |         |            |             |           |           |             | 287  | 287          |           |         |
| 46   | 1   | 10       | S42         | P-2014  | 55         | 5.4         | 1         | 1         | 5           |      |              |           |         |
|      |     | 16       | S42         | P-2015  | 111        | 10.4        | 1         | 1         | 10          |      |              |           |         |
|      |     | 24       | S42         | P-2016  | 100        | 9.4         | 1         | 1         | 9           |      |              |           |         |
|      |     | 30       | S42         | P-2017  | 55         | 5.4         | 1         | 1         | 5           |      |              |           |         |
|      |     | 32       | S42         | P-2018  | 30         | 2.8         | 1         | 1         | 2           |      |              |           |         |
|      |     | 38       | S42         | P-2019  | 40         | 3.8         | 1         | 1         | 3           |      |              |           |         |
|      |     | 47       | S42         | P-2020  | 40         | 3.8         | 1         | 1         | 3           |      |              |           |         |
|      |     | 48       | S42         | P-2021  | 38         | 3.7         | 1         | 1         | 3           |      |              |           |         |
|      |     |          |             |         |            |             |           |           |             | 278  | 278          |           |         |
| 47   | 1   | 20       | S42         | P-2022  | 55         | 5.4         | 1         | 1         | 5           |      |              |           |         |
|      |     | 25       | S42         | P-2023  | 100        | 9.4         | 1         | 1         | 9           |      |              |           |         |
|      |     | 26       | S42         | P-2024  | 110        | 10.4        | 1         | 1         | 10          |      |              |           |         |
|      |     | 27       | S42         | P-2025  | 30         | 2.8         | 1         | 1         | 2           |      |              |           |         |

**energysa**  
 1 NOV 2023  
 Technical Department  
 Issued For construction

Release No: 0001

SHEET NO: -

MX-L-3373-A19-0067

IFF


## Horizontal Bracing For A19-A20 Abo Hameed Steel Bridge

| General Note For Bids & Bridges(Abo Hameed)3373 | Client Order # | Dept. | Item | DOC NO. | Project # | ORDER # | Rev | By      | Checked | Date       |
|---|----------------|-------|------|---------|-----------|---------|-----|---------|---------|------------|
|   |                |       |      |         | MX-L-3373 | A19     | 0   | Revised |         | 10/16/2023 |

Client Part List #

Client Ref Dwg No

| Matr | Qty | Position | Steel Grade | SECTION | Unit Litres | Unit Weight | Qty Matr | Total Qty | Pos. Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|----------|-----------|-------------|-------------|--------------|-----------|---------|
| A19  |     | 27       | S42         | FLANGE  | 30          | 4.7         | 1        | 1         | 4.7         |             |              |           |         |
|      |     | 28       | S42         | FLANGE  | 40          | 10.3        | 2        | 2         | 20.6        |             |              |           |         |
|      |     | 29       | S42         | FLANGE  | 40          | 10.3        | 2        | 2         | 20.6        |             |              |           |         |
|      |     | 30       | S42         | FLANGE  | 30          | 4.7         | 1        | 1         | 4.7         |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             |             | 77.6         | 274       |         |
| A20  |     | 31       | S42         | FLANGE  | 40          | 10.3        | 2        | 2         | 20.6        |             |              |           |         |
|      |     | 32       | S42         | FLANGE  | 100         | 36.7        | 2        | 2         | 73.4        |             |              |           |         |
|      |     | 33       | S42         | FLANGE  | 70          | 24.3        | 1        | 1         | 24.3        |             |              |           |         |
|      |     | 34       | S42         | FLANGE  | 30          | 4.7         | 2        | 2         | 9.4         |             |              |           |         |
|      |     | 35       | S42         | FLANGE  | 50          | 7.7         | 1        | 1         | 7.7         |             |              |           |         |
|      |     | 36       | S42         | FLANGE  | 40          | 10.3        | 2        | 2         | 20.6        |             |              |           |         |
|      |     | 37       | S42         | FLANGE  | 30          | 4.7         | 2        | 2         | 9.4         |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             |             | 77.6         | 274       |         |
| A21  |     | 38       | S42         | FLANGE  | 100         | 36.7        | 2        | 2         | 73.4        |             |              |           |         |
|      |     | 39       | S42         | FLANGE  | 100         | 36.7        | 2        | 2         | 73.4        |             |              |           |         |
|      |     | 40       | S42         | FLANGE  | 40          | 10.3        | 2        | 2         | 20.6        |             |              |           |         |
|      |     | 41       | S42         | FLANGE  | 40          | 10.3        | 2        | 2         | 20.6        |             |              |           |         |
|      |     | 42       | S42         | FLANGE  | 40          | 10.3        | 2        | 2         | 20.6        |             |              |           |         |
|      |     | 43       | S42         | FLANGE  | 40          | 10.3        | 2        | 2         | 20.6        |             |              |           |         |
|      |     | 44       | S42         | FLANGE  | 40          | 10.3        | 2        | 2         | 20.6        |             |              |           |         |
|      |     | 45       | S42         | FLANGE  | 40          | 10.3        | 2        | 2         | 20.6        |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             |             | 370          | 370       |         |
| A22  |     | 46       | S42         | FLANGE  | 100         | 36.7        | 2        | 2         | 73.4        |             |              |           |         |
|      |     | 47       | S42         | FLANGE  | 100         | 36.7        | 2        | 2         | 73.4        |             |              |           |         |
|      |     | 48       | S42         | FLANGE  | 40          | 10.3        | 2        | 2         | 20.6        |             |              |           |         |
|      |     | 49       | S42         | FLANGE  | 40          | 10.3        | 2        | 2         | 20.6        |             |              |           |         |



energysa

1 801 300

Technical Department  
Issued for construction

eneraya

ENERAYA

Technical Department  
Issued for construction

Thursday, October 19, 2023

IFF

Page 21 of 22

## Horizontal Bracing For A19-A20 Abu Homos Steel Bridge

| General Note For Roads & Bridges/Abu Homos(217) | Client Order # | Days | Item | DOC NO | Project # | ORDER # | Rev | By     | Checked | Date       |
|---|----------------|------|------|--------|-----------|---------|-----|--------|---------|------------|
|   |                |      |      |        | MX-L-2023 | A19     | 0   | Author |         | 10/10/2023 |

Client Part List #

Client Ref Dwg No

| Mark | Qty | Position | Steel Grade | SECTION | Unit | Area | Unit Weight | Qty/Mark | Total Qty | Pcs Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|------|------|-------------|----------|-----------|------------|-------------|--------------|-----------|---------|
| 100  | 1   | 30       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 35       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 40       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     |          |             |         |      |      |             |          |           |            | 36          | 36           |           |         |
| 101  | 1   | 15       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 20       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 25       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 30       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 35       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 40       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 45       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 50       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     |          |             |         |      |      |             |          |           |            | 36          | 36           |           |         |
| 102  | 1   | 15       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 20       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 25       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 30       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 35       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 40       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 45       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 50       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     |          |             |         |      |      |             |          |           |            | 36          | 36           |           |         |
| 103  | 1   | 15       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 20       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 25       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 30       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 35       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 40       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 45       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 50       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     |          |             |         |      |      |             |          |           |            | 36          | 36           |           |         |
| 104  | 1   | 15       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 20       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 25       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 30       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     | 35       | S420        | PL250   | mm   | 14   | 25          | 1        | 1         | 12         |             |              |           |         |
|      |     |          |             |         |      |      |             |          |           |            | 36          | 36           |           |         |



energysa  
1982 - 2003

Technical Department

Issued for construction

Thursday, October 19, 2023

IFF

Page 22 of 22





Release No: 2027

SHEET NO: 2

MX-2373-A18-0007

IFF

Horizontal Bracing For A19-A20 Abo Hornos Steel Bridge

| General Note For Heads & Bridges/Abo Hornos(2373) | Client Order # | Dept. | Item | DOC. NO | Project # | ORDER # | Rev | By    | Checked | Date       |
|---|----------------|-------|------|---------|-----------|---------|-----|-------|---------|------------|
|   |                |       |      |         | MX-2-2373 | A19     | 1   | Abbas |         | 10/10/2023 |

Client Part List #

Client Ref Desig No

| Mark | Qty | Position | Steel Grade | SECTION | Unit Length | Unit Weight | Qty/Mark | Total Qty | Pos. Height | Mark Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|----------|-----------|-------------|-------------|--------------|-----------|---------|
| 19   |     | 57       | S40         | H-200x8 | 10          | 18          | 1        | 1         | 11          |             |              |           |         |
|      |     | 58       | S40         | H-200x8 | 88          | 17          | 1        | 1         | 11          |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             | 301         | 301          |           |         |
| 20   |     | 65       | S40         | H-200x8 | 100         | 18          | 1        | 1         | 1           |             |              |           |         |
|      |     | 66       | S40         | H-200x8 | 106         | 17          | 1        | 1         | 62          |             |              |           |         |
|      |     | 75       | S40         | H-200x8 | 110         | 16          | 1        | 1         | 16          |             |              |           |         |
|      |     | 76       | S40         | H-200x8 | 80          | 18          | 1        | 1         | 1           |             |              |           |         |
|      |     | 78       | S40         | H-200x8 | 88          | 17.1        | 1        | 1         | 14          |             |              |           |         |
|      |     | 82       | S40         | H-200x8 | 95          | 18          | 1        | 1         | 11          |             |              |           |         |
|      |     | 88       | S40         | H-200x8 | 470         | 17.1        | 1        | 1         | 27          |             |              |           |         |
|      |     | 89       | S40         | H-200x8 | 75          | 18          | 1        | 1         | 16          |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             | 358         | 358          |           |         |
| 21   |     | 95       | S40         | H-200x8 | 10          | 18          | 1        | 1         | 1           |             |              |           |         |
|      |     | 97       | S40         | H-200x8 | 117         | 18          | 1        | 1         | 16          |             |              |           |         |
|      |     | 100      | S40         | H-200x8 | 116         | 16.4        | 1        | 1         | 16          |             |              |           |         |
|      |     | 126      | S40         | H-200x8 | 78          | 18          | 1        | 1         | 6           |             |              |           |         |
|      |     | 128      | S40         | H-200x8 | 14          | 17.1        | 1        | 1         | 14          |             |              |           |         |
|      |     | 81       | S40         | H-200x8 | 85          | 18          | 1        | 1         | 11          |             |              |           |         |
|      |     | 84       | S40         | H-200x8 | 85          | 17.1        | 1        | 1         | 11          |             |              |           |         |
|      |     | 85       | S40         | H-200x8 | 17          | 18          | 1        | 1         | 16          |             |              |           |         |
|      |     |          |             |         |             |             |          |           |             | 343         | 343          |           |         |
| 22   |     | 10       | S40         | H-200x8 | 10          | 17          | 1        | 1         | 1           |             |              |           |         |
|      |     | 11       | S40         | H-200x8 | 110         | 16.4        | 1        | 1         | 16          |             |              |           |         |
|      |     | 12       | S40         | H-200x8 | 38          | 18          | 1        | 1         | 6           |             |              |           |         |
|      |     | 13       | S40         | H-200x8 | 38          | 17.1        | 1        | 1         | 16          |             |              |           |         |
|      |     | 20       | S40         | H-200x8 | 78          | 18          | 1        | 1         | 16          |             |              |           |         |
|      |     | 24       | S40         | H-200x8 | 45          | 17.1        | 1        | 1         | 17          |             |              |           |         |
|      |     | 80       | S40         | H-200x8 | 38          | 18          | 1        | 1         | 16          |             |              |           |         |

energy

4 NOV 2023

Technical Department  
Issued For construction

Thursday, October 11, 2023

IFF

Page 21 of 31

Release No: 0002

SPEC NO :

M&amp;L-2373-A19-0007

IFF

Horizontal Bracing For A19-A20 Abo Homos Steel Bridge

| General Nbs For Beams & Bridges(Abo Homos)2373 | Client Order # | Dept. | Item | DOC NO. | Project # | ORDER # | Rev | By      | Checked | Date       |
|--|----------------|-------|------|---------|-----------|---------|-----|---------|---------|------------|
|  |                |       |      |         | M&L-2373  | A19     | 1   | Release |         | 10/10/2023 |

Client Part List #

Client Ref Desg No

| Mark | Qty | Position | Steel Grade | SECTION | Unit | Length | Unit Weight | Qty/ Mark | Total Qty | Pos. Weight | Mark Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|------|--------|-------------|-----------|-----------|-------------|-------------|--------------|-----------|---------|
| 144  | 1   | 143      | S42         | SP12    | MT   | 7.5    | 7.5         | 1         | 1         | 7.5         |             |              |           |         |
|      |     |          |             |         |      |        |             |           |           |             | 342         | 342          |           |         |
| 145  | 1   | 144      | S42         | SP12    | MT   | 10     | 10          | 1         | 1         | 10          |             |              |           |         |
|      |     | 145      | S42         | SP12    | MT   | 104    | 104         | 1         | 1         | 104         |             |              |           |         |
|      |     | 146      | S42         | SP12    | MT   | 110    | 110         | 1         | 1         | 110         |             |              |           |         |
|      |     | 147      | S42         | SP12    | MT   | 20     | 20          | 1         | 1         | 20          |             |              |           |         |
|      |     | 148      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 149      | S42         | SP12    | MT   | 101    | 101         | 1         | 1         | 101         |             |              |           |         |
|      |     | 150      | S42         | SP12    | MT   | 175    | 175         | 1         | 1         | 175         |             |              |           |         |
|      |     | 151      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 152      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 153      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 154      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 155      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 156      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 157      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 158      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 159      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 160      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 161      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 162      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 163      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 164      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 165      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 166      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 167      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 168      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 169      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 170      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 171      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 172      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 173      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 174      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 175      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 176      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 177      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 178      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 179      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 180      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 181      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 182      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 183      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 184      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 185      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 186      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 187      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 188      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 189      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 190      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 191      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 192      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 193      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 194      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 195      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 196      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 197      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 198      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 199      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 200      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 201      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 202      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 203      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 204      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 205      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 206      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 207      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 208      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 209      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 210      | S42         | SP12    | MT   | 100    | 100         | 1         | 1         | 100         |             |              |           |         |
|      |     | 211      | S42         | SP12    | MT   | 100    | 100         |           |           |             |             |              |           |         |

| General Note For Sheets & Specifications (Remarks) | Client Order # |  | Days | Hours | DOC. NO | Project # | ORDER # | Rev | By      | Checked | Date       |
|--|----------------|--|------|-------|---------|-----------|---------|-----|---------|---------|------------|
|  |                |  |      |       |         |           |         |     |         |         |            |
|  |                |  |      |       | NO      | ME-273    | ATB     | 1   | passant |         | 10/10/2023 |

Client Part List :

Client Ref. Drawing No

| Item | Qty | Position | Steel Grade | SECTION | UNIT/Length | Unit Weight | Qty | Total Weight | Unit Weight | Total Weight | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|-----|--------------|-------------|--------------|---------|
| 1    | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      |     |          |             |         |             |             |     |              | 301         | 301          |         |
| 2    | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      |     |          |             |         |             |             |     |              | 302         | 302          |         |
| 3    | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      |     |          |             |         |             |             |     |              | 303         | 303          |         |
| 4    | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      | 1   | 1        | 1           | 1       | 1           | 1           | 1   | 1            | 1           | 1            |         |
|      |     |          |             |         |             |             |     |              | 304         | 304          |         |



1 NOV 2021

Technical Department  
Issued for construction



General Note For Bridge &amp; Bridge Abutment

| Client Order # | Page | Rev | DOC NO | Project # | ORDER # | Rev | By | Checked | Date       |
|----------------|------|-----|--------|-----------|---------|-----|----|---------|------------|
|                |      |     |        | MXL-2313  | A19     |     |    |         | 10/10/2023 |

Client Part List :

Client Ref/Dwg No

| Item        | Qty | Position | Steel Grade | SECTION | Unit/Length | Unit Weight | Qty/Total | Max Weight | Total Weight | Remarks |
|-------------|-----|----------|-------------|---------|-------------|-------------|-----------|------------|--------------|---------|
| 1.015 1.018 |     |          |             |         |             |             |           |            |              |         |
| 1           | 1   | 1        | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 2           | 2   | 2        | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 3           | 3   | 3        | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 4           | 4   | 4        | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 5           | 5   | 5        | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 6           | 6   | 6        | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 7           | 7   | 7        | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 8           | 8   | 8        | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 9           | 9   | 9        | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 10          | 10  | 10       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 11          | 11  | 11       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 12          | 12  | 12       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 13          | 13  | 13       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 14          | 14  | 14       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 15          | 15  | 15       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 16          | 16  | 16       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 17          | 17  | 17       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 18          | 18  | 18       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 19          | 19  | 19       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 20          | 20  | 20       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 21          | 21  | 21       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 22          | 22  | 22       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 23          | 23  | 23       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 24          | 24  | 24       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 25          | 25  | 25       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 26          | 26  | 26       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 27          | 27  | 27       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 28          | 28  | 28       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 29          | 29  | 29       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 30          | 30  | 30       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 31          | 31  | 31       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 32          | 32  | 32       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 33          | 33  | 33       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 34          | 34  | 34       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 35          | 35  | 35       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 36          | 36  | 36       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 37          | 37  | 37       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 38          | 38  | 38       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 39          | 39  | 39       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 40          | 40  | 40       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 41          | 41  | 41       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 42          | 42  | 42       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 43          | 43  | 43       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 44          | 44  | 44       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 45          | 45  | 45       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 46          | 46  | 46       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 47          | 47  | 47       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 48          | 48  | 48       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 49          | 49  | 49       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 50          | 50  | 50       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 51          | 51  | 51       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 52          | 52  | 52       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 53          | 53  | 53       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 54          | 54  | 54       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 55          | 55  | 55       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 56          | 56  | 56       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 57          | 57  | 57       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 58          | 58  | 58       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 59          | 59  | 59       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 60          | 60  | 60       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 61          | 61  | 61       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 62          | 62  | 62       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 63          | 63  | 63       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 64          | 64  | 64       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 65          | 65  | 65       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 66          | 66  | 66       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 67          | 67  | 67       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 68          | 68  | 68       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 69          | 69  | 69       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 70          | 70  | 70       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 71          | 71  | 71       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 72          | 72  | 72       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 73          | 73  | 73       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 74          | 74  | 74       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 75          | 75  | 75       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 76          | 76  | 76       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 77          | 77  | 77       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 78          | 78  | 78       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |
| 79          | 79  | 79       | Q235        | PLATE   | 40          | 1.1         | 1         | 1          | 1            |         |
| 80          | 80  | 80       | Q235        | PLATE   | 100         | 1.1         | 1         | 1          | 1            |         |

Report No: 2002

SHEET NO: -

MOU-SITRA-H-1001



Horizontal Bracing For A19-A20 Abu Hureis Steel Bridge

|  |                |       |      |           |               |         |     |    |         |      |
|--|----------------|-------|------|-----------|---------------|---------|-----|----|---------|------|
| General Nib For Details & Bridges Abu Hureis2023 | Client Order # | Sheet | From | Proc. NO. | Project's NO. | ORDER # | Rev | By | Checked | Date |
|  |                |       |      |           |               | A19     | 1   |    |         |      |

Client Part Line #

Client Ref/Line No

| Line    | Qty | Position | Steel Grade | SECTION | Unit/Length | Unit Weight | Qty/ Total | Pos. No. | Mark | Total Steel Weight | Sheet No. | Remarks |
|---------|-----|----------|-------------|---------|-------------|-------------|------------|----------|------|--------------------|-----------|---------|
| 915 919 |     |          |             |         |             |             |            |          |      |                    |           |         |
| 111     | 1   |          | S420        | PLATE   | 42          | 1           | 1          | 1        | 1    |                    |           |         |
| 201     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 202     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 203     | 1   |          | S420        | PLATE   | 41          | 1           | 1          | 1        | 1    |                    |           |         |
| 204     | 1   |          | S420        | PLATE   | 43          | 1           | 1          | 1        | 1    |                    |           |         |
| 205     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 206     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 207     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 208     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 209     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 210     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 211     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 212     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 213     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 214     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 215     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 216     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 217     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 218     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 219     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 220     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 221     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 222     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 223     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 224     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 225     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 226     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 227     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 228     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 229     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 230     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 231     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 232     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 233     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 234     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 235     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 236     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 237     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 238     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 239     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 240     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 241     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 242     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 243     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 244     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 245     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 246     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 247     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 248     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 249     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 250     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 251     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 252     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 253     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 254     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 255     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 256     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 257     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 258     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 259     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 260     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 261     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 262     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 263     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 264     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 265     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 266     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 267     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 268     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 269     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 270     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 271     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 272     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |
| 273     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 274     | 1   |          | S420        | PLATE   | 13          | 1           | 1          | 1        | 1    |                    |           |         |
| 275     | 1   |          | S420        | PLATE   | 14          | 1           | 1          | 1        | 1    |                    |           |         |
| 276     | 1   |          | S420        | PLATE   | 12          | 1           | 1          | 1        | 1    |                    |           |         |

Release No: 0002

SHEET NO &gt;

MXL-2373-A19-0002

IPE

Horizontal Bracing for A19-A20 Also Horis Steel Bridge

| Channel/Size For Bracing/Also Horizontal/??? | Channel Order # | Depth | Area | DOC NO. | Project # | ORDER #  | Rev | By     | Checked | Date   |
|--|-----------------|-------|------|---------|-----------|----------|-----|--------|---------|--------|
|  |                 |       |      |         | 000-0000  | 00000000 | 0   | 000000 | 000000  | 000000 |

Draw Part List #

Draw Ref Des No

| Item    | Qty | Position | Steel Grade | DESCRIPTION | Unit | Weight | Qty | Total | Pos | Max | Foot | Shed | Remarks |
|---------|-----|----------|-------------|-------------|------|--------|-----|-------|-----|-----|------|------|---------|
|         |     |          |             |             |      |        |     |       |     |     |      |      |         |
| 385 385 |     |          |             |             |      |        |     |       |     |     |      |      |         |
| 1       | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 2       | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 3       | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 4       | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 5       | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 6       | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 7       | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 8       | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 9       | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 10      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 387 387 |     |          |             |             |      |        |     |       |     |     |      |      |         |
| 11      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 12      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 13      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 14      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 15      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 16      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 17      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 389 389 |     |          |             |             |      |        |     |       |     |     |      |      |         |
| 18      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 19      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 20      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 21      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 22      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 23      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 24      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 25      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 391 391 |     |          |             |             |      |        |     |       |     |     |      |      |         |
| 26      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 27      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 28      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 29      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 30      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 31      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 32      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 33      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 34      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 35      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 393 393 |     |          |             |             |      |        |     |       |     |     |      |      |         |
| 36      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 37      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 38      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 39      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 40      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 41      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 42      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 395 395 |     |          |             |             |      |        |     |       |     |     |      |      |         |
| 43      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 44      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 45      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 46      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 47      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 48      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 49      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 50      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 51      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 52      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 53      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 54      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 55      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 56      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 57      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 58      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 59      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 60      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 61      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 62      | 1   | 1        | 1           | 1           | 1    | 1      | 1   | 1     | 1   | 1   | 1    | 1    | 1       |
| 63      | 1   | 1        | 1           | 1           |      |        |     |       |     |     |      |      |         |





Rollover No : 0002

SHEET NO :

MSL-2023-A19-0002

Horizontal Bracing For A19-A20 Abu Homos Steel Bridge

ISP

| Contract Title And Details As Bridges/Abu Homos/STS | Contract Order # |  | Drawn |  | Proj. No. |  | Project # |  | ORDER # |  | Rev |  | By |  | Checked |  | Date |  |
|---|------------------|--|-------|--|-----------|--|-----------|--|---------|--|-----|--|----|--|---------|--|------|--|
|   | Drawn Order #    |  | Date  |  | NO.       |  | BR-C-0173 |  | A19     |  | 1   |  | 1  |  | 1       |  | 1    |  |

Client Part List #

Client Ref. Draw No

| Matr | Qty | Position | Steel Grade | SECTION | Unit Length | Unit Weight | Qty Total | Pos | Matr | Unit Weight | Height | Steel | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|-----------|-----|------|-------------|--------|-------|---------|
| 20   | 1   | 1        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 2   | 2        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 3   | 3        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 4   | 4        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 5   | 5        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
| 20   | 1   | 1        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 2   | 2        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 3   | 3        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 4   | 4        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 5   | 5        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      |     |          |             |         |             |             |           |     |      | 215         | 215    |       |         |
| 20   | 1   | 1        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 2   | 2        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 3   | 3        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 4   | 4        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 5   | 5        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
| 20   | 1   | 1        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 2   | 2        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 3   | 3        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 4   | 4        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 5   | 5        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      |     |          |             |         |             |             |           |     |      | 215         | 215    |       |         |
| 20   | 1   | 1        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 2   | 2        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 3   | 3        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 4   | 4        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 5   | 5        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
| 20   | 1   | 1        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 2   | 2        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 3   | 3        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 4   | 4        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      | 5   | 5        | SL4         | SL4/20  | 20          | 40.1        | 1         | 1   | 40   |             |        |       |         |
|      |     |          |             |         |             |             |           |     |      | 215         | 215    |       |         |



6 FEB 2023

Technical Department  
Issued For construction

Thursday, October 19, 2023



Page 11 of 11

Release No / 0002

SHEET NO -

MEL-2012-A19-0002

TPP

Horizontal Bracing For A19-A20 Abu Homos Steel Bridge.

|   |                |      |      |          |           |         |     |    |         |      |
|---|----------------|------|------|----------|-----------|---------|-----|----|---------|------|
| General Note For Bridge & Bridge/Abs Dimensions | Client Order # | Dept | Area | DOC. NO. | Project # | ORDER # | Rev | By | Checked | Date |
|   |                |      |      |          | MEL-2012  | 419     | 1   |    |         |      |

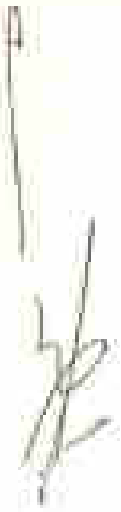
Client Part List #

Client Ref/Dwg No

| Mat | Qty | Person | Steel Grade | SECTION | Unit Length | Unit Weight | Qty. Total | Pos. Mark | Total Weight | Steel Wt | Remarks |
|-----|-----|--------|-------------|---------|-------------|-------------|------------|-----------|--------------|----------|---------|
| 04  | 04  |        | 403         | PLATE   | 18          | 12          | 1          | 1         | 2            |          |         |
|     | 06  |        | 403         | PLATE   | 30          | 51          | 1          | 1         | 6            |          |         |
|     | 03  |        | 403         | SHCS    | 121         | 12          | 1          | 1         | 14           |          |         |
|     |     |        |             |         |             |             |            |           | 215          |          |         |
|     |     |        |             |         |             |             |            |           | 215          |          |         |
| 05  | 05  |        | 403         | PLATE   | 102         | 42          | 1          | 1         | 4            |          |         |
|     | 10  |        | 403         | PLATE   | 102         | 76          | 1          | 1         | 8            |          |         |
|     | 02  |        | 403         | PLATE   | 80          | 12          | 1          | 1         | 1            |          |         |
|     | 11  |        | 403         | PLATE   | 50          | 47          | 1          | 1         | 4            |          |         |
|     | 08  |        | 403         | PLATE   | 92          | 93          | 1          | 1         | 8            |          |         |
|     | 07  |        | 403         | PLATE   | 98          | 24          | 1          | 1         | 1            |          |         |
|     | 08  |        | 403         | PLATE   | 80          | 17          | 1          | 1         | 4            |          |         |
|     |     |        |             |         |             |             |            |           | 215          |          |         |
|     |     |        |             |         |             |             |            |           | 215          |          |         |
|     |     |        |             |         |             |             |            |           | 43,422       |          |         |

Total Weight = 43,422 kg

S. V. S. S. S.



11 NOV 2023


Technical Department  
Issued For construction



### Material I

Rev D

**ISSN 0967-0869**

2000

1999

1000-2000

Splice of A19-A20-Signl Bridge for MG18, MG2

| General Note for Purchase of equipment (See Worksheet 1) | Client Order # | Date | Item | Qty. | Price per Unit | Order # | Rev | By | Checked | Date |
|--|----------------|------|------|------|----------------|---------|-----|----|---------|------|
|  |                |      |      | NO.  | USD-2075       |         |     |    |         |      |

CHINA

Chen Jingdong

[illegible]

| 2000 |  |  |  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|--|--|--|
|--|--|--|--|--|--|--|--|--|--|--|--|--|

**Total Weight 8.9 lbs**

Entrada

1

11. *Journal of the American Statistical Association*, 92, 1997, 1039-1047.

111

1. **Introduction**  
 2. **Methodology**  
 3. **Results**  
 4. **Discussion**  
 5. **Conclusion**  
 6. **References**  
 7. **Appendix**  
 8. **Index**  
 9. **Table of Contents**  
 10. **Figure 1**  
 11. **Figure 2**  
 12. **Figure 3**  
 13. **Figure 4**  
 14. **Figure 5**  
 15. **Figure 6**  
 16. **Figure 7**  
 17. **Figure 8**  
 18. **Figure 9**  
 19. **Figure 10**  
 20. **Figure 11**  
 21. **Figure 12**  
 22. **Figure 13**  
 23. **Figure 14**  
 24. **Figure 15**  
 25. **Figure 16**  
 26. **Figure 17**  
 27. **Figure 18**  
 28. **Figure 19**  
 29. **Figure 20**  
 30. **Figure 21**  
 31. **Figure 22**  
 32. **Figure 23**  
 33. **Figure 24**  
 34. **Figure 25**  
 35. **Figure 26**  
 36. **Figure 27**  
 37. **Figure 28**  
 38. **Figure 29**  
 39. **Figure 30**  
 40. **Figure 31**  
 41. **Figure 32**  
 42. **Figure 33**  
 43. **Figure 34**  
 44. **Figure 35**  
 45. **Figure 36**  
 46. **Figure 37**  
 47. **Figure 38**  
 48. **Figure 39**  
 49. **Figure 40**  
 50. **Figure 41**  
 51. **Figure 42**  
 52. **Figure 43**  
 53. **Figure 44**  
 54. **Figure 45**  
 55. **Figure 46**  
 56. **Figure 47**  
 57. **Figure 48**  
 58. **Figure 49**  
 59. **Figure 50**  
 60. **Figure 51**  
 61. **Figure 52**  
 62. **Figure 53**  
 63. **Figure 54**  
 64. **Figure 55**  
 65. **Figure 56**  
 66. **Figure 57**  
 67. **Figure 58**  
 68. **Figure 59**  
 69. **Figure 60**  
 70. **Figure 61**  
 71. **Figure 62**  
 72. **Figure 63**  
 73. **Figure 64**  
 74. **Figure 65**  
 75. **Figure 66**  
 76. **Figure 67**  
 77. **Figure 68**  
 78. **Figure 69**  
 79. **Figure 70**  
 80. **Figure 71**  
 81. **Figure 72**  
 82. **Figure 73**  
 83. **Figure 74**  
 84. **Figure 75**  
 85. **Figure 76**  
 86. **Figure 77**  
 87. **Figure 78**  
 88. **Figure 79**  
 89. **Figure 80**  
 90. **Figure 81**  
 91. **Figure 82**  
 92. **Figure 83**  
 93. **Figure 84**  
 94. **Figure 85**  
 95. **Figure 86**  
 96. **Figure 87**  
 97. **Figure 88**  
 98. **Figure 89**  
 99. **Figure 90**  
 100. **Figure 91**  
 101. **Figure 92**  
 102. **Figure 93**  
 103. **Figure 94**  
 104. **Figure 95**  
 105. **Figure 96**  
 106. **Figure 97**  
 107. **Figure 98**  
 108. **Figure 99**  
 109. **Figure 100**  
 110. **Figure 101**  
 111. **Figure 102**  
 112. **Figure 103**  
 113. **Figure 104**  
 114. **Figure 105**  
 115. **Figure 106**  
 116. **Figure 107**  
 117. **Figure 108**  
 118. **Figure 109**  
 119. **Figure 110**  
 120. **Figure 111**  
 121. **Figure 112**  
 122. **Figure 113**  
 123. **Figure 114**  
 124. **Figure 115**  
 125. **Figure 116**  
 126. **Figure 117**  
 127. **Figure 118**  
 128. **Figure 119**  
 129. **Figure 120**  
 130. **Figure 121**  
 131. **Figure 122**  
 132. **Figure 123**  
 133. **Figure 124**  
 134. **Figure 125**  
 135. **Figure 126**  
 136. **Figure 127**  
 137. **Figure 128**  
 138. **Figure 129**  
 139. **Figure 130**  
 140. **Figure 131**  
 141. **Figure 132**  
 142. **Figure 133**  
 143. **Figure 134**  
 144. **Figure 135**  
 145. **Figure 136**  
 146. **Figure 137**  
 147. **Figure 138**  
 148. **Figure 139**  
 149. **Figure 140**  
 150. **Figure 141**  
 151. **Figure 142**  
 152. **Figure 143**  
 153. **Figure 144**  
 154. **Figure 145**  
 155. **Figure 146**  
 156. **Figure 147**  
 157. **Figure 148**  
 158. **Figure 149**  
 159. **Figure 150**  
 160. **Figure 151**  
 161. **Figure 152**  
 162. **Figure 153**  
 163. **Figure 154**  
 164. **Figure 155**  
 165. **Figure 156**  
 166. **Figure 157**  
 167. **Figure 158**  
 168. **Figure 159**  
 169. **Figure 160**  
 170. **Figure 161**  
 171. **Figure 162**  
 172. **Figure 163**  
 173. **Figure 164**  
 174. **Figure 165**  
 175. **Figure 166**  
 176. **Figure 167**  
 177. **Figure 168**  
 178. **Figure 169**  
 179. **Figure 170**  
 180. **Figure 171**  
 181. **Figure 172**  
 182. **Figure 173**  
 183. **Figure 174**  
 184. **Figure 175**  
 185. **Figure 176**  
 186. **Figure 177**  
 187. **Figure 178**  
 188. **Figure 179**  
 189. **Figure 180**  
 190. **Figure 181**  
 191. **Figure 182**  
 192. **Figure 183**  
 193. **Figure 184**  
 194. **Figure 185**  
 195. **Figure 186**  
 196. **Figure 187**  
 197. **Figure 188**  
 198. **Figure 189**  
 199. **Figure 190**  
 200. **Figure 191**  
 201. **Figure 192**  
 202. **Figure 193**  
 203. **Figure 194**  
 204. **Figure 195**  
 205. **Figure 196**  
 206. **Figure 197**  
 207. **Figure 198**  
 208. **Figure 199**  
 209. **Figure 200**  
 210. **Figure 201**  
 211. **Figure 202**  
 212. **Figure 203**  
 213. **Figure 204**  
 214. **Figure 205**  
 215. **Figure 206**  
 216. **Figure 207**  
 217. **Figure 208**

Technical Department  
Issued For Construction

**CONCLUSIONS**

**energy**



Technical Department - Engineering

**Material List**

Rev 0



Release No: 0025

SHEET NO: -

MX-L-23173-A-19-0001

Washer Plate for A10-A20 Steel Bridge



| Material Name For Material & Description/Also Item No. | Client Order # | Depth | From | DOH No. | Project # | ORDER # | Rev | Rev | Checked By | Issued By |
|--|----------------|-------|------|---------|-----------|---------|-----|-----|------------|-----------|
|--|----------------|-------|------|---------|-----------|---------|-----|-----|------------|-----------|

Client Part List #

Client Ref. Design No

| Mat    | Qty | Application | Steel Grade | SECTION | Long Length | Unit Weight | Qty | Total Weight | Unit Weight | Total Weight | Notes |
|--------|-----|-------------|-------------|---------|-------------|-------------|-----|--------------|-------------|--------------|-------|
| Washer | 1   | Washer      | A10-A20     |         | 1000        | 10          | 1   | 10           | 10          | 10           |       |

Total Weight = 39 kg

*Surat*



1 May 2023

Technical Department  
Issued For construction



Reference: 49-5211-2

2000

978-1-3073-4154-0

A19-A20 Steel Bridge (B, EXC, YB3, XB)

167

Control With the Bonds-Air Bridges-Air Ducts-2017

### Order

10

100



100

10

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

100



### Discussion

Clifford Berg, Deputy Mayor

10

| No. | CY | Section | Unit  | Dry Totd Psa | Max Wtght | Min Wtght | Avg Wtght | Remarks |
|-----|----|---------|-------|--------------|-----------|-----------|-----------|---------|
|     |    |         | Unit  |              |           |           |           |         |
|     |    |         | Wtght |              |           |           |           |         |

|      |   |   |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|---|---|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1998 | 1 | 1 | 10:00 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
|------|---|---|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|





Reference No: 0052

SHEET NO: 2

MXL-2172-A19-0002

A19-A20 Steel Bridge (B-EXG-VBS XB)

ITF

General Note for Items 6, Bridge/Abutment

| Client Order # | Dept | Item | Proc | Project # | ORDER # | Rev | By      | Checked | Date |
|----------------|------|------|------|-----------|---------|-----|---------|---------|------|
|                |      |      | N/A  |           | A19     | 1   | Project |         |      |

Draw Part List

Draw Rev Desc No

| Item | Qty | Position | Item Code | SECTION | Unit/Lane | Unit Weight | Qty | Total Pcs | Max. Weight | Total Weight | Draw No | Remarks |
|------|-----|----------|-----------|---------|-----------|-------------|-----|-----------|-------------|--------------|---------|---------|
| 1    | 1   | 101      | 101       | 101     | 101       | 101         | 1   | 1         | 101         | 101          |         |         |
| 2    | 1   | 102      | 102       | 102     | 102       | 102         | 1   | 1         | 102         | 102          |         |         |
| 3    | 1   | 103      | 103       | 103     | 103       | 103         | 1   | 1         | 103         | 103          |         |         |
| 4    | 1   | 104      | 104       | 104     | 104       | 104         | 1   | 1         | 104         | 104          |         |         |
| 5    | 1   | 105      | 105       | 105     | 105       | 105         | 1   | 1         | 105         | 105          |         |         |
| 6    | 1   | 106      | 106       | 106     | 106       | 106         | 1   | 1         | 106         | 106          |         |         |
| 7    | 1   | 107      | 107       | 107     | 107       | 107         | 1   | 1         | 107         | 107          |         |         |
| 8    | 1   | 108      | 108       | 108     | 108       | 108         | 1   | 1         | 108         | 108          |         |         |
| 9    | 1   | 109      | 109       | 109     | 109       | 109         | 1   | 1         | 109         | 109          |         |         |
| 10   | 1   | 110      | 110       | 110     | 110       | 110         | 1   | 1         | 110         | 110          |         |         |
| 11   | 1   | 111      | 111       | 111     | 111       | 111         | 1   | 1         | 111         | 111          |         |         |
| 12   | 1   | 112      | 112       | 112     | 112       | 112         | 1   | 1         | 112         | 112          |         |         |
| 13   | 1   | 113      | 113       | 113     | 113       | 113         | 1   | 1         | 113         | 113          |         |         |
| 14   | 1   | 114      | 114       | 114     | 114       | 114         | 1   | 1         | 114         | 114          |         |         |
| 15   | 1   | 115      | 115       | 115     | 115       | 115         | 1   | 1         | 115         | 115          |         |         |
| 16   | 1   | 116      | 116       | 116     | 116       | 116         | 1   | 1         | 116         | 116          |         |         |
| 17   | 1   | 117      | 117       | 117     | 117       | 117         | 1   | 1         | 117         | 117          |         |         |
| 18   | 1   | 118      | 118       | 118     | 118       | 118         | 1   | 1         | 118         | 118          |         |         |
| 19   | 1   | 119      | 119       | 119     | 119       | 119         | 1   | 1         | 119         | 119          |         |         |
| 20   | 1   | 120      | 120       | 120     | 120       | 120         | 1   | 1         | 120         | 120          |         |         |
| 21   | 1   | 121      | 121       | 121     | 121       | 121         | 1   | 1         | 121         | 121          |         |         |
| 22   | 1   | 122      | 122       | 122     | 122       | 122         | 1   | 1         | 122         | 122          |         |         |
| 23   | 1   | 123      | 123       | 123     | 123       | 123         | 1   | 1         | 123         | 123          |         |         |
| 24   | 1   | 124      | 124       | 124     | 124       | 124         | 1   | 1         | 124         | 124          |         |         |
| 25   | 1   | 125      | 125       | 125     | 125       | 125         | 1   | 1         | 125         | 125          |         |         |
| 26   | 1   | 126      | 126       | 126     | 126       | 126         | 1   | 1         | 126         | 126          |         |         |
| 27   | 1   |          |           |         |           |             |     |           |             |              |         |         |



Reference No: 0002

SHEET NO. 1

MX-L-2073-A19-0002



A19-A20 Steel Bridge (B, EXG, V88, XB)

| Contract No. For Bridge & Design (Also House(12573) | Client Order # | Dept | Item | DOC NO. | Project # | CUSTOMER'S A/R | Rev | By      | Checked | Date       |
|---|----------------|------|------|---------|-----------|----------------|-----|---------|---------|------------|
|   |                |      |      |         | MX-L-2073 |                | 1   | Initial |         | 00/00/0000 |

Client Order List #

Client Ref. Drawing No

| Item | Qty | Position | Steel Grade | SECTION | Unit/Length | Unit Weight | Qty/Total | Pos | Unit Weight | Weight | Total Weight | Sheet No. | Remarks |
|------|-----|----------|-------------|---------|-------------|-------------|-----------|-----|-------------|--------|--------------|-----------|---------|
| 10   | 1   | 10       | Q235        | PLATE   | 100         | 78.5        | 1         | 1   | 10          | 78.5   | 78.5         | 1         |         |
| 11   | 1   | 11       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 12   | 1   | 12       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 13   | 1   | 13       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 14   | 1   | 14       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 15   | 1   | 15       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 16   | 1   | 16       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 17   | 1   | 17       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 18   | 1   | 18       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 19   | 1   | 19       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 20   | 1   | 20       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 21   | 1   | 21       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 22   | 1   | 22       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 23   | 1   | 23       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 24   | 1   | 24       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 25   | 1   | 25       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 26   | 1   | 26       | Q235        | PLATE   | 200         | 62          | 1         | 1   | 20          | 124    | 124          | 1         |         |
| 27   | 1   | 27       | Q235        | PLATE   | 200         |             |           |     |             |        |              |           |         |

A19-A20 Steel Bridge (B. EXG. VBS XB)

| General Title For Goods & Bridges/Steel Bridge/2019 | Client Order # | Engt | Item | DOC NO. | Project # | ORDER # | Rev | By      | Checked | Date |
|---|----------------|------|------|---------|-----------|---------|-----|---------|---------|------|
|   |                |      |      |         | 001-2019  | 000     | 1   | Project | 0000000 |      |

Client Part List #

Client Ref Dwg No

| Mat | Qty | Position | Steel Grade | SECTION | Unit/Lines | Unit | Qty/ | Total | Pos.   | Mark   | Total  | Steel | Remarks |
|-----|-----|----------|-------------|---------|------------|------|------|-------|--------|--------|--------|-------|---------|
|     |     |          |             |         |            |      | Mark | Qty   | Weight | Weight | Weight | No.   |         |
| 100 | 1   | 1        | Q140        | 10000   | 100        | 1    | 1    | 1     | 100    | 65     | 505    |       |         |
| 100 | 1   | 15       | Q140        | 10000   | 100        | 1    | 1    | 1     | 100    | 92     | 823    |       |         |
| 100 | 1   | 11       | Q140        | 10000   | 100        | 1    | 1    | 1     | 100    | 72     | 718    |       |         |
| 100 | 1   | 1        | Q140        | 10000   | 100        | 1    | 1    | 1     | 100    | 52     | 423    |       |         |
| 100 | 1   | 16       | Q140        | 10000   | 100        | 1    | 1    | 1     | 100    | 56     | 322    |       |         |
| 100 | 1   | 10       | Q140        | 10000   | 100        | 1    | 1    | 1     | 100    | 71     | 355    |       |         |
| 100 | 1   | 14       | Q140        | 10000   | 100        | 1    | 1    | 1     | 100    | 71     | 355    |       |         |
| 100 | 1   | 18       | Q140        | 10000   | 100        | 1    | 1    | 1     | 100    | 86     | 187    |       |         |
| 100 | 1   | 12       | Q140        | 10000   | 100        | 1    | 1    | 1     | 100    | 56     | 111    |       |         |

Total Weight = 49,999 Kg

215 215

Tech. Department - Engineering

# Material List

Rev 0

**IFF**

Release No : 008

SHEET NO :-

MX-L-23T2-A19-0001

Angles for Metal Deck

**IFF**

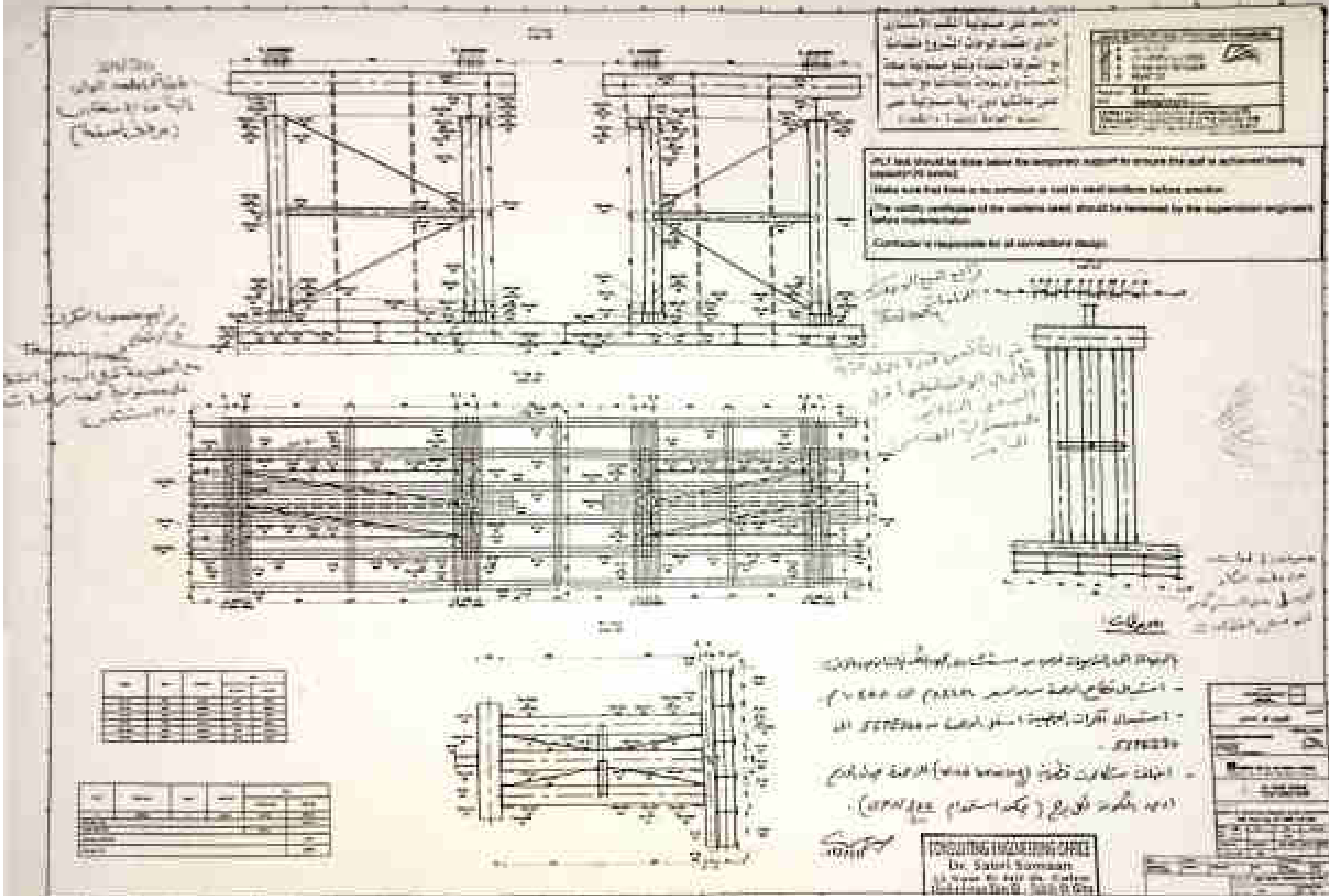
| General Note For Roofs & Bridges (Also Drawing 23T) | Client Order # | Dept. | Item | DOK NO | Project # | ORDER # | Rev | By        | Checked | Date       |
|---|----------------|-------|------|--------|-----------|---------|-----|-----------|---------|------------|
|   |                |       |      |        | MX-L-23T2 | A19     | 0   | A. Elshar |         | 18/12/2023 |

Client Part List #

Client Ref Dwg No

| Mark       | Qty | Position | Steel Grade | SECTION    | Unit L/Area | Unit Weight | Qty/ Mark | Total Qty | Pos. Weight | Mark Weight | Total Weight | Sheet No. | Remarks          |
|------------|-----|----------|-------------|------------|-------------|-------------|-----------|-----------|-------------|-------------|--------------|-----------|------------------|
| Sheet No:- |     |          |             |            |             |             |           |           |             |             |              |           |                  |
| 10         | 1   | 001      | S235JR      | PL 1000/10 | 1000        | 10.5        | 1         | 1         | 10          |             |              |           | Sheet No. 1 of 1 |
| 11         | 2   | 002      | S235JR      | PL 1000/10 | 1111        | 10.5        | 2         | 2         | 22          | 101         | 101          |           | Sheet No. 1 of 1 |
| 12         | 1   | 003      | S235JR      | PL 1000/10 | 1111        | 10.5        | 1         | 1         | 11          | 229         | 1,836        |           | Sheet No. 1 of 1 |
| 13         | 1   | 004      | S235JR      | PL 1000/10 | 1111        | 10.5        | 1         | 1         | 11          | 229         | 229          |           | Sheet No. 1 of 1 |
| 14         | 1   | 005      | S235JR      | PL 1000/10 | 1111        | 10.5        | 1         | 1         | 11          | 229         | 229          |           | Sheet No. 1 of 1 |
| 15         | 1   | 006      | S235JR      | PL 1000/10 | 1111        | 10.5        | 1         | 1         | 11          | 229         | 229          |           | Sheet No. 1 of 1 |
| 16         | 1   | 007      | S235JR      | PL 1000/10 | 1111        | 10.5        | 1         | 1         | 11          | 229         | 229          |           | Sheet No. 1 of 1 |
| 17         | 1   | 008      | S235JR      | PL 1000/10 | 1111        | 10.5        | 1         | 1         | 11          | 229         | 229          |           | Sheet No. 1 of 1 |
| 18         | 1   | 009      | S235JR      | PL 1000/10 | 1111        | 10.5        | 1         | 1         | 11          | 229         | 229          |           | Sheet No. 1 of 1 |
| 19         | 1   | 010      | S235JR      | PL 1000/10 | 1111        | 10.5        | 1         | 1         | 11          | 229         | 229          |           | Sheet No. 1 of 1 |
| 20         | 1   | 011      | S235JR      | PL 1000/10 | 1111        | 10.5        | 1         | 1         | 11          | 229         | 229          |           | Sheet No. 1 of 1 |
| 21         | 1   | 012      | S235JR      | PL 1000/10 | 1111        | 10.5        | 1         | 1         | 11          | 229         | 229          |           | Sheet No. 1 of 1 |
| 22         | 1   | 013      | S235JR      | PL 1000/10 | 1111        | 10.5        | 1         |           |             |             |              |           |                  |





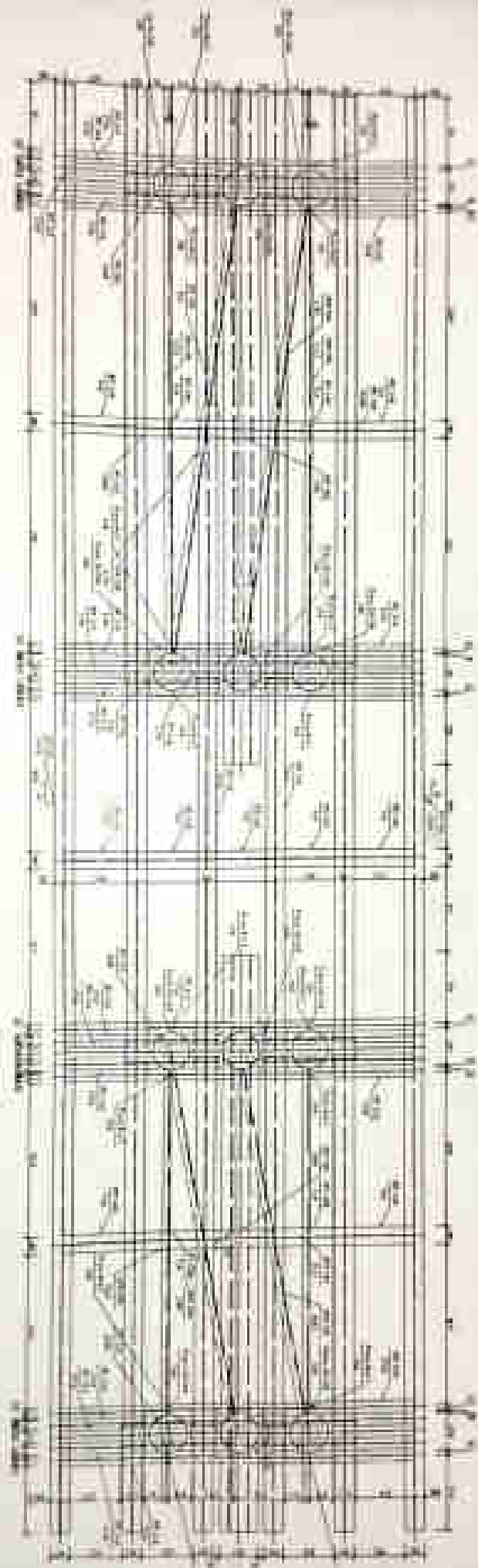
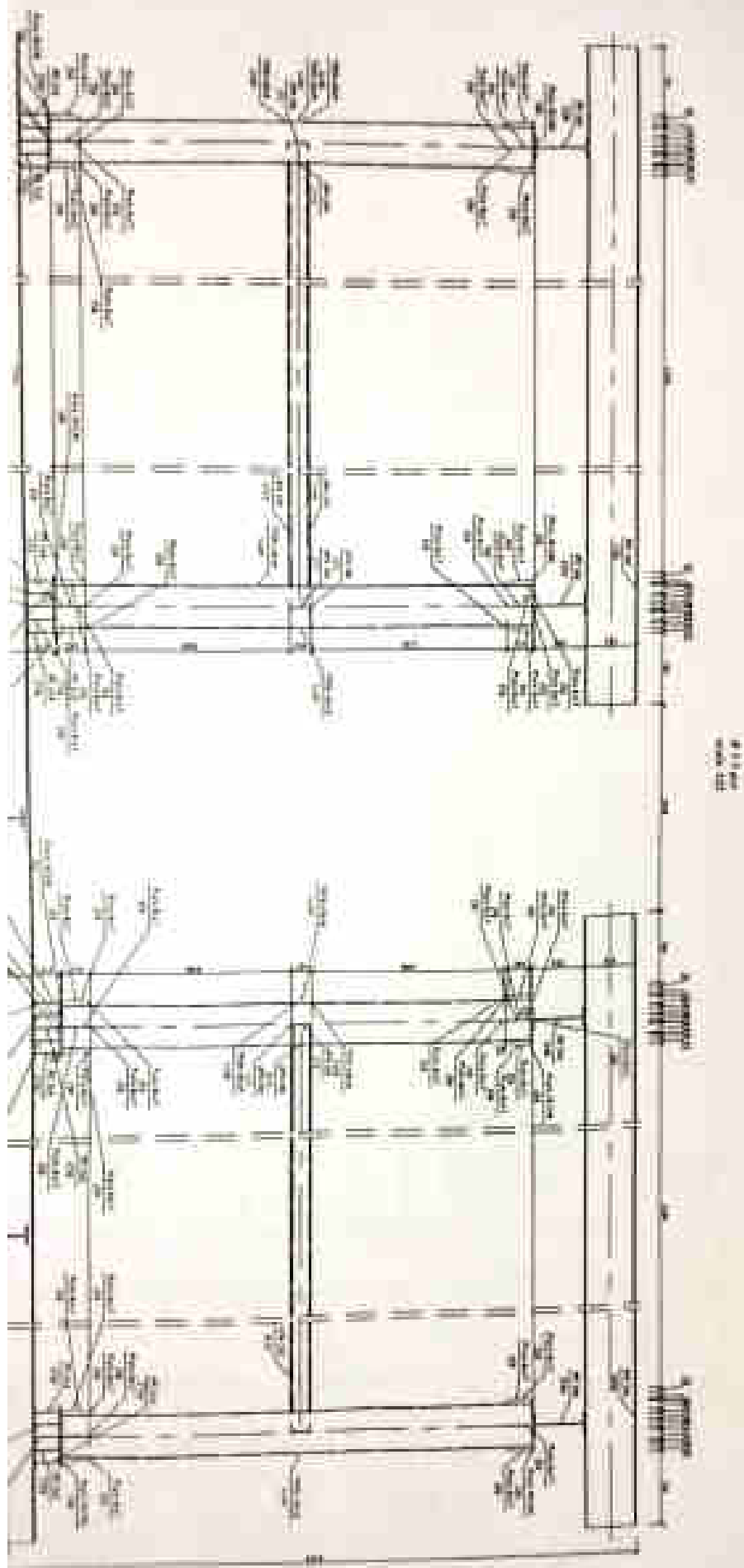
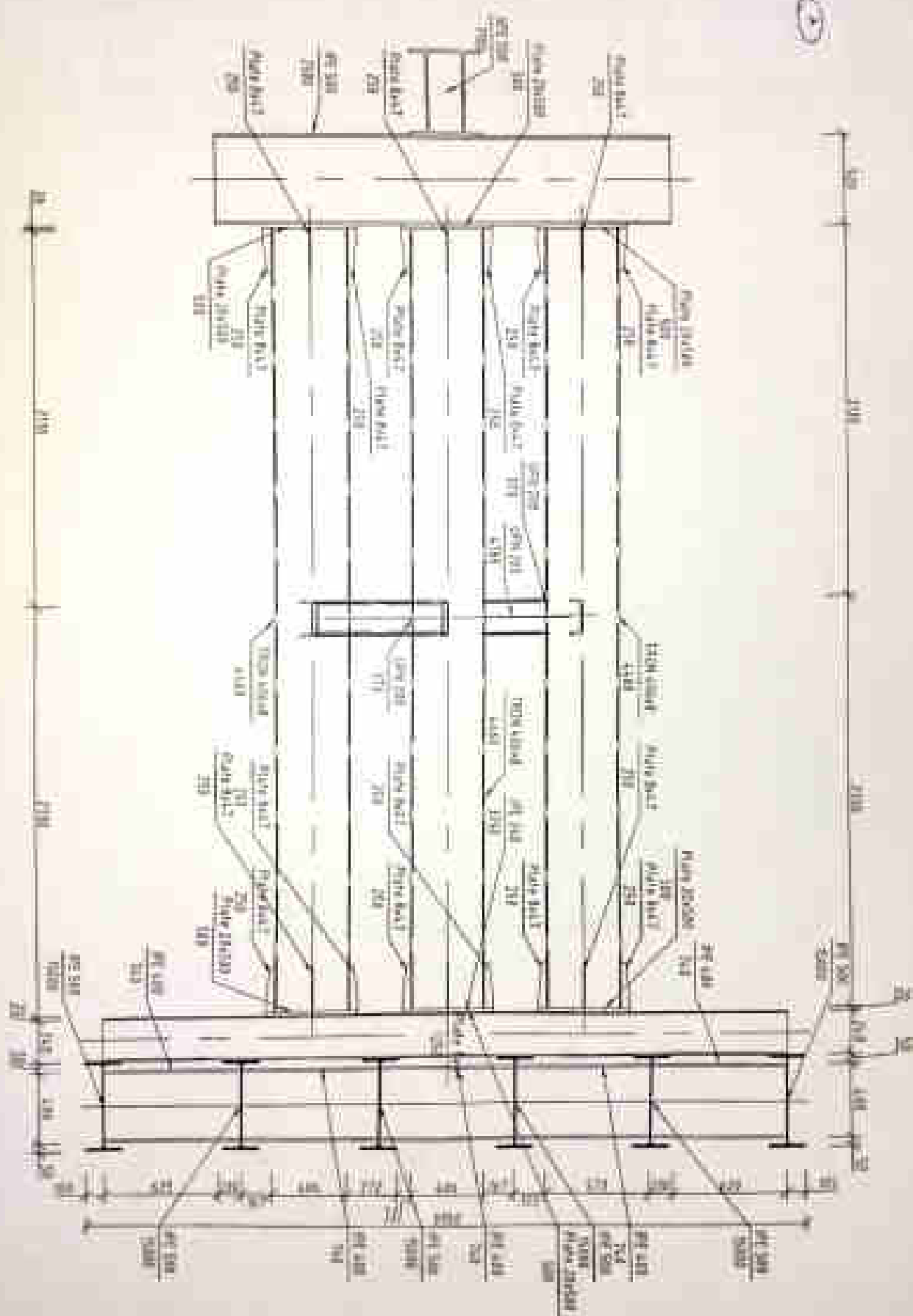


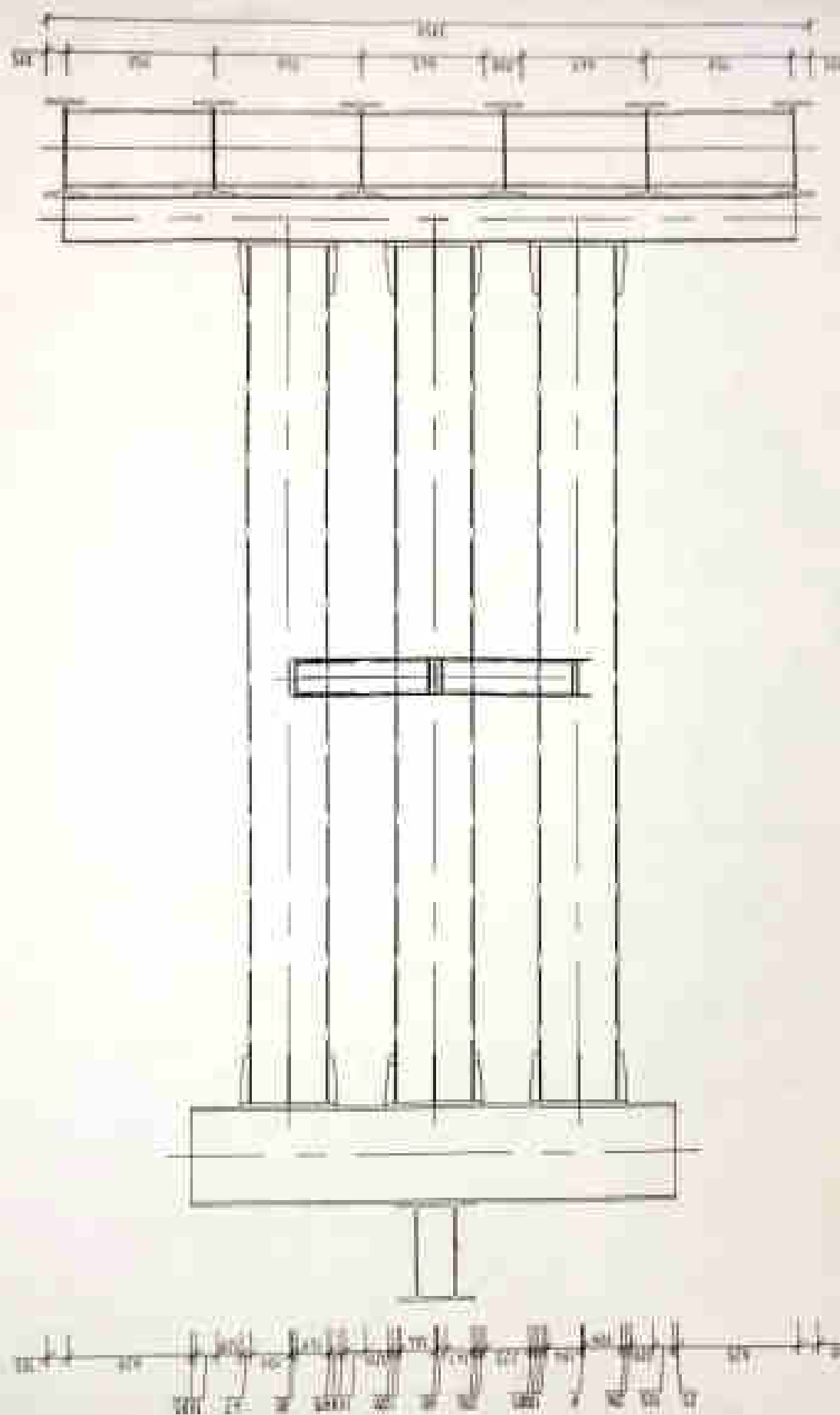
Fig. 1

17





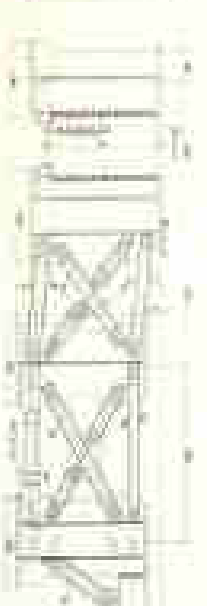
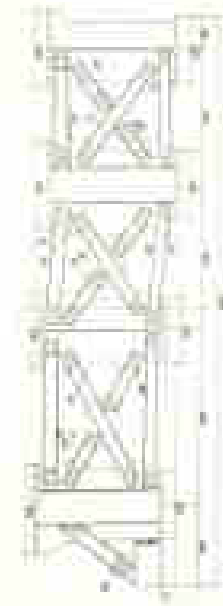
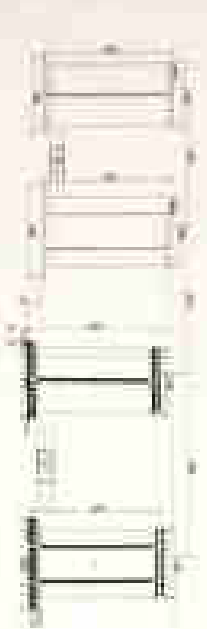
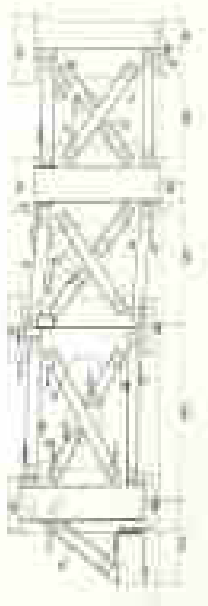
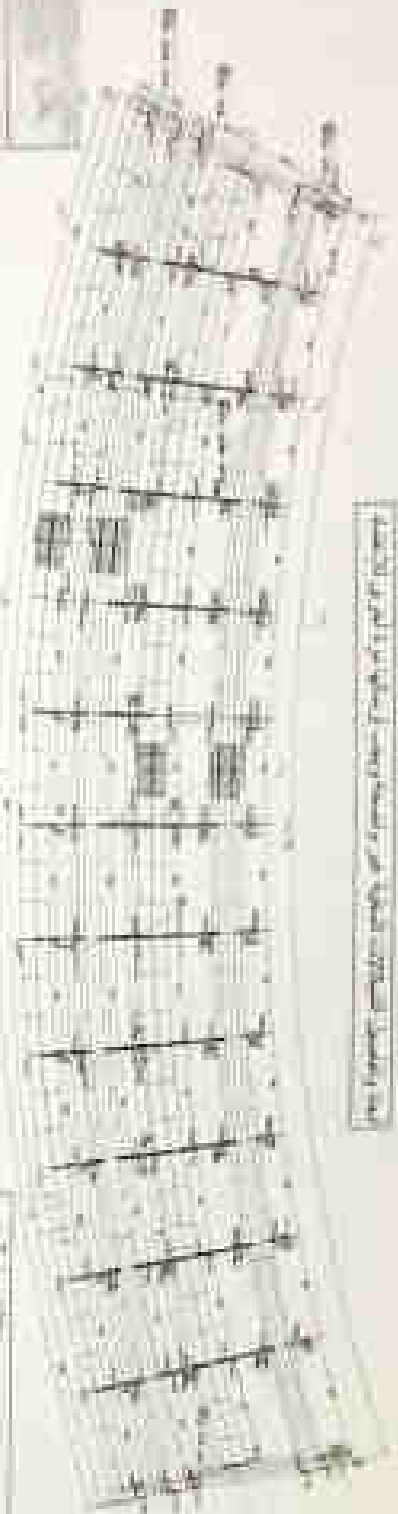




B 1 Side View  
Scale 1/25

(2)

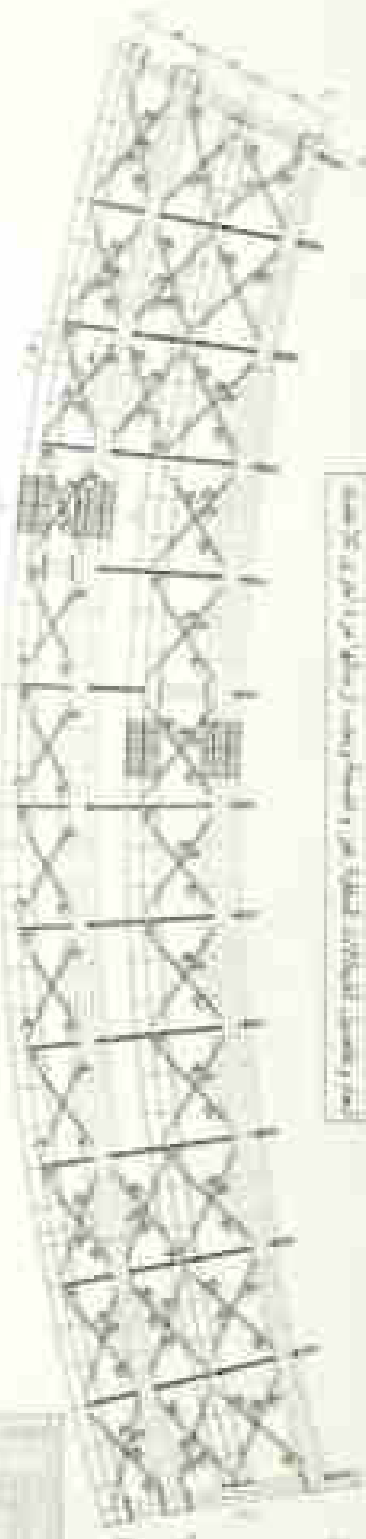
١- مقطع عرضي من الجدران والعمود (م)  
 ٢- مقطع عرضي من الجدران والعمود (م)  
 ٣- مقطع عرضي من الجدران والعمود (م)



|             |             |             |             |
|-------------|-------------|-------------|-------------|
| اسم المهندس | اسم المهندس | اسم المهندس | اسم المهندس |
| اسم المهندس | اسم المهندس | اسم المهندس | اسم المهندس |
| اسم المهندس | اسم المهندس | اسم المهندس | اسم المهندس |
| اسم المهندس | اسم المهندس | اسم المهندس | اسم المهندس |



المشروع: إنشاء مبنى سكني في حي النخيل، الرياض  
 المصمم: المهندس محمد بن عبد الله السعيد  
 التاريخ: 15/10/2023



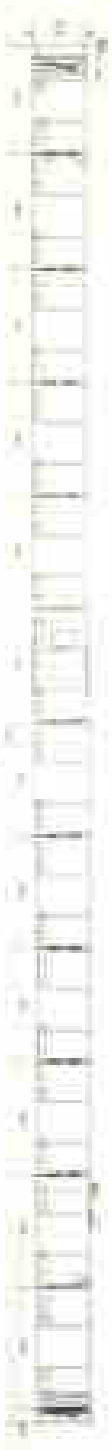
الواجهة الشمالية



الواجهة الغربية



الواجهة الشرقية



الواجهة الجنوبية

الموقع: حي النخيل، الرياض

المساحة: 1000 م<sup>2</sup>

الارتفاع: 3 طوابق

المواد: الخرسانة المسلحة، الطوب، البلاط

التكلفة: 100 مليون ريال

التاريخ: 15/10/2023

المهندس: محمد بن عبد الله السعيد

الموقع: حي النخيل، الرياض

المساحة: 1000 م<sup>2</sup>

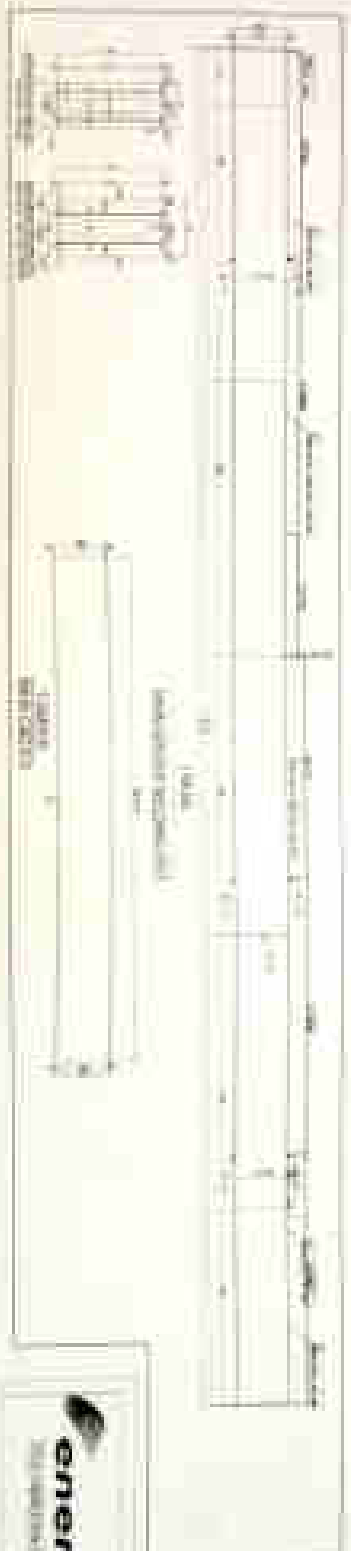
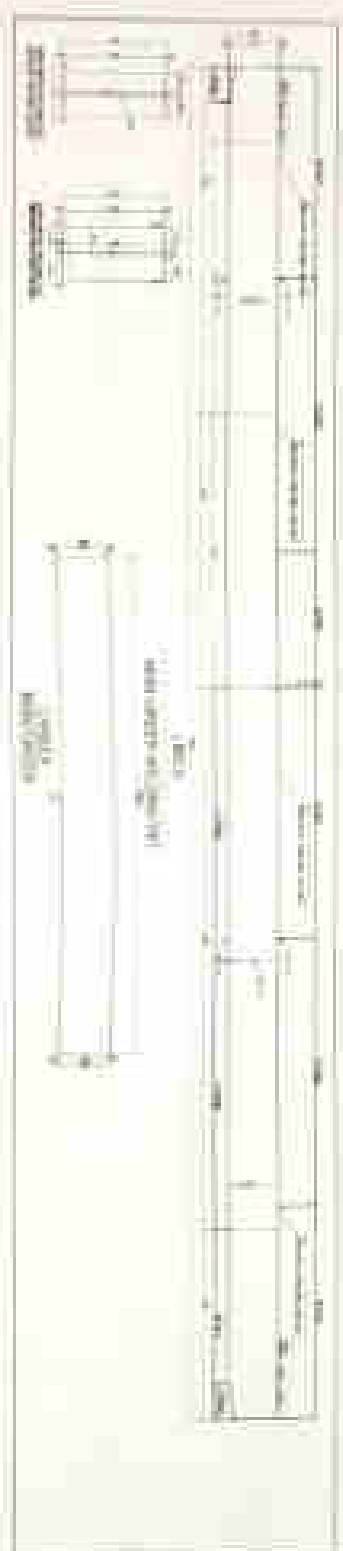
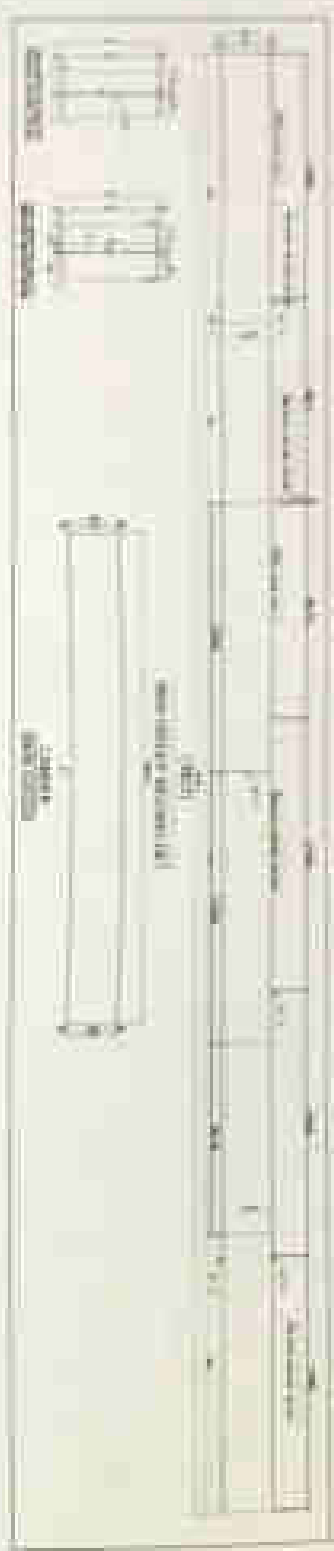
الارتفاع: 3 طوابق

المواد: الخرسانة المسلحة، الطوب، البلاط

التكلفة: 100 مليون ريال

التاريخ: 15/10/2023

15/10/2023



100V AC

100V AC

100V AC

100V AC

energy

100V AC

المادة 10 -



DEEP GALVANIZED METAL DECK 3MM  
Typical Detail of Decking

6

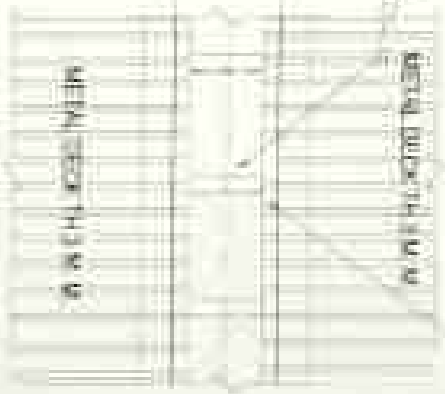
ELEVATION  
Shear Connector Detail



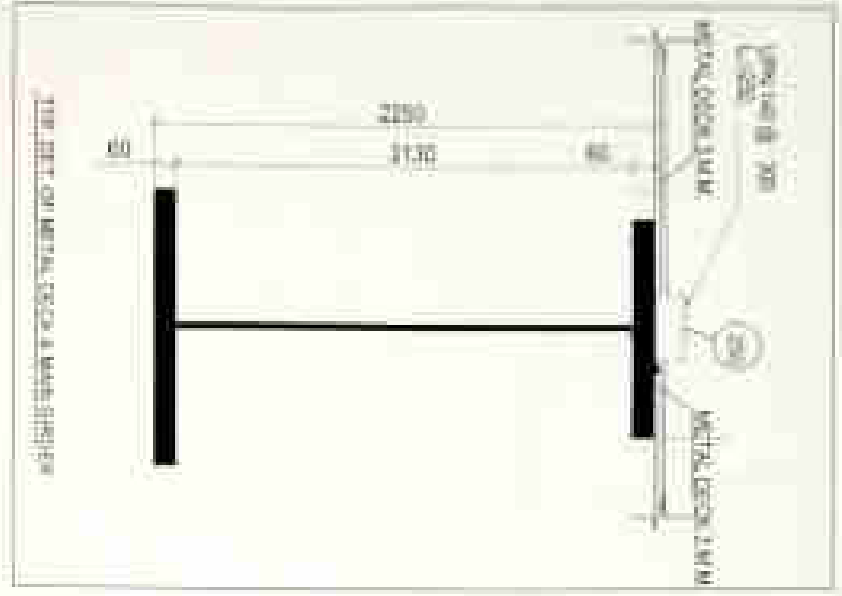
1000

6

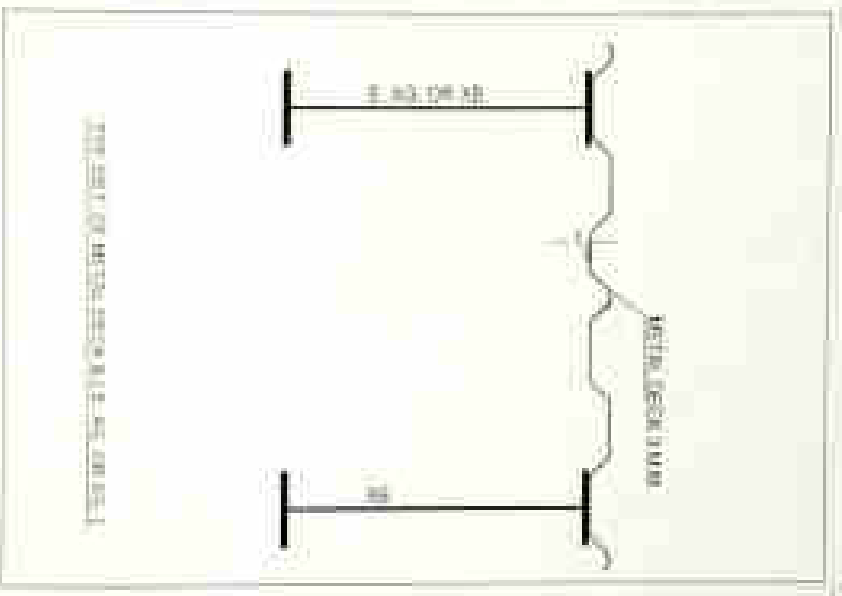
Section (Elevation) of Metal Deck



PLAN VIEW



THE DETAIL OF METAL BEAM & METAL DECK



THE DETAIL OF METAL BEAM & METAL DECK

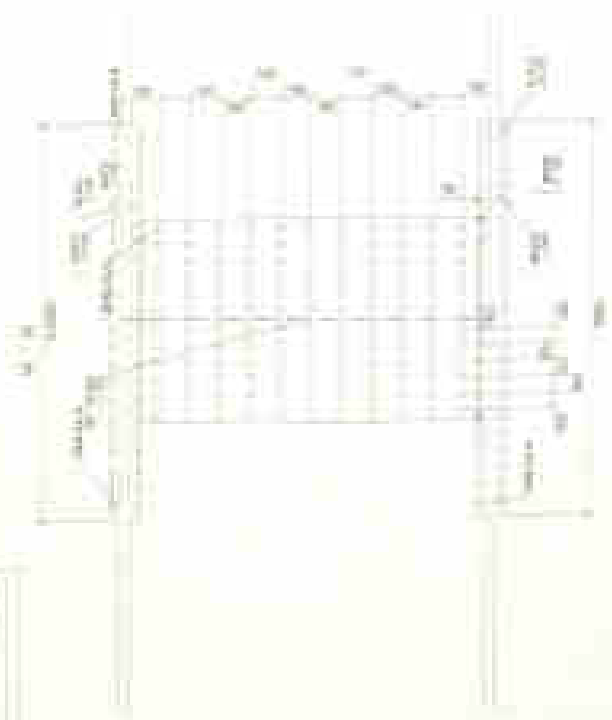
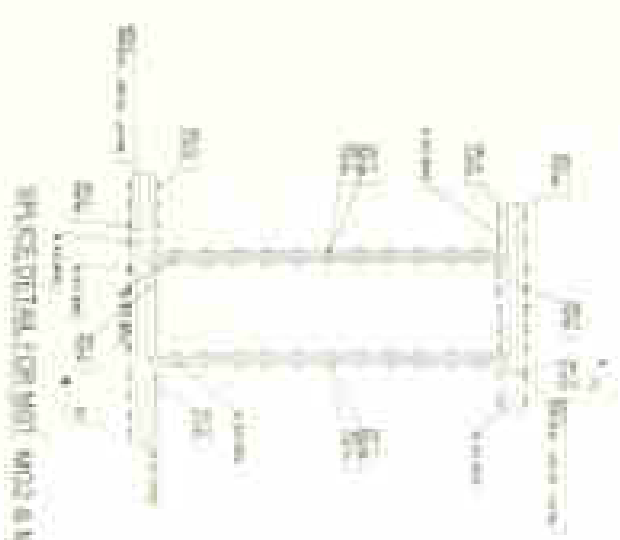
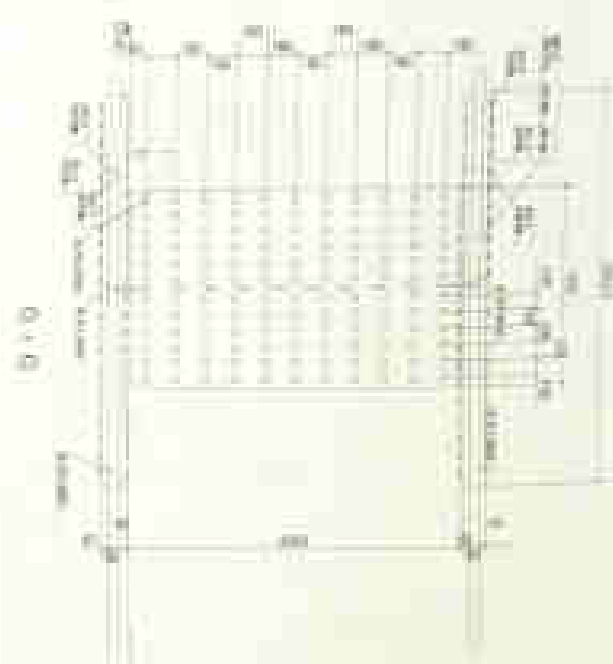
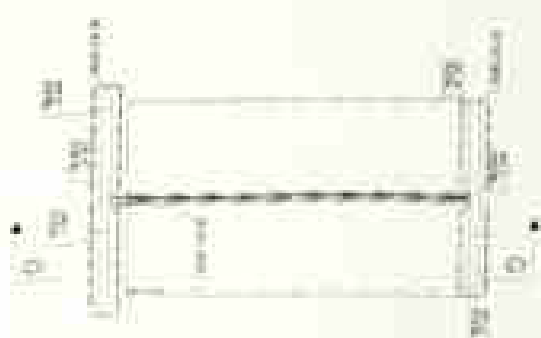
| Item | Description | Quantity | Unit |
|------|-------------|----------|------|
| 1    | ...         | ...      | ...  |
| 2    | ...         | ...      | ...  |
| 3    | ...         | ...      | ...  |
| 4    | ...         | ...      | ...  |
| 5    | ...         | ...      | ...  |
| 6    | ...         | ...      | ...  |
| 7    | ...         | ...      | ...  |
| 8    | ...         | ...      | ...  |
| 9    | ...         | ...      | ...  |
| 10   | ...         | ...      | ...  |



| Item | Description | Quantity | Unit |
|------|-------------|----------|------|
| 1    | ...         | ...      | ...  |
| 2    | ...         | ...      | ...  |
| 3    | ...         | ...      | ...  |
| 4    | ...         | ...      | ...  |

| Item | Description | Quantity | Unit |
|------|-------------|----------|------|
| 1    | ...         | ...      | ...  |
| 2    | ...         | ...      | ...  |
| 3    | ...         | ...      | ...  |
| 4    | ...         | ...      | ...  |
| 5    | ...         | ...      | ...  |
| 6    | ...         | ...      | ...  |
| 7    | ...         | ...      | ...  |
| 8    | ...         | ...      | ...  |
| 9    | ...         | ...      | ...  |
| 10   | ...         | ...      | ...  |

المادة 11 -

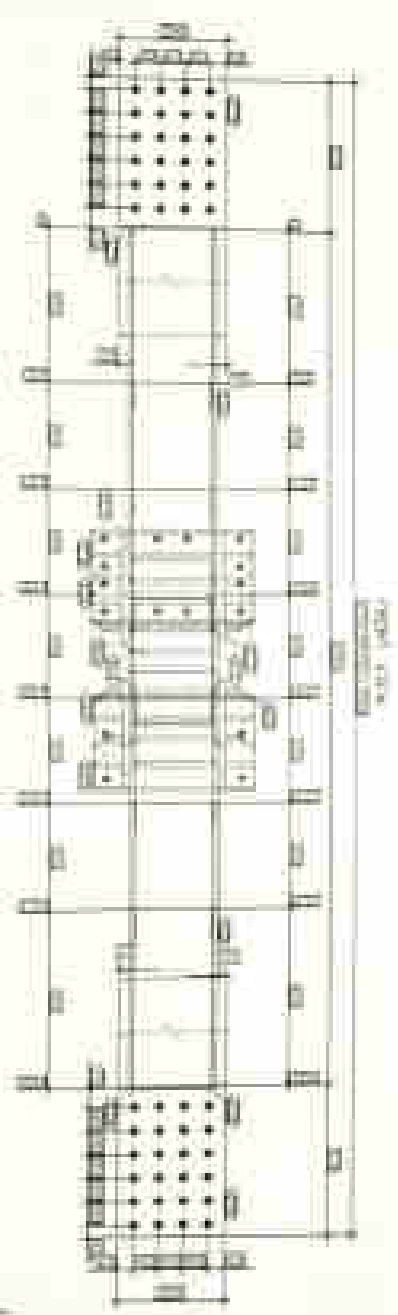
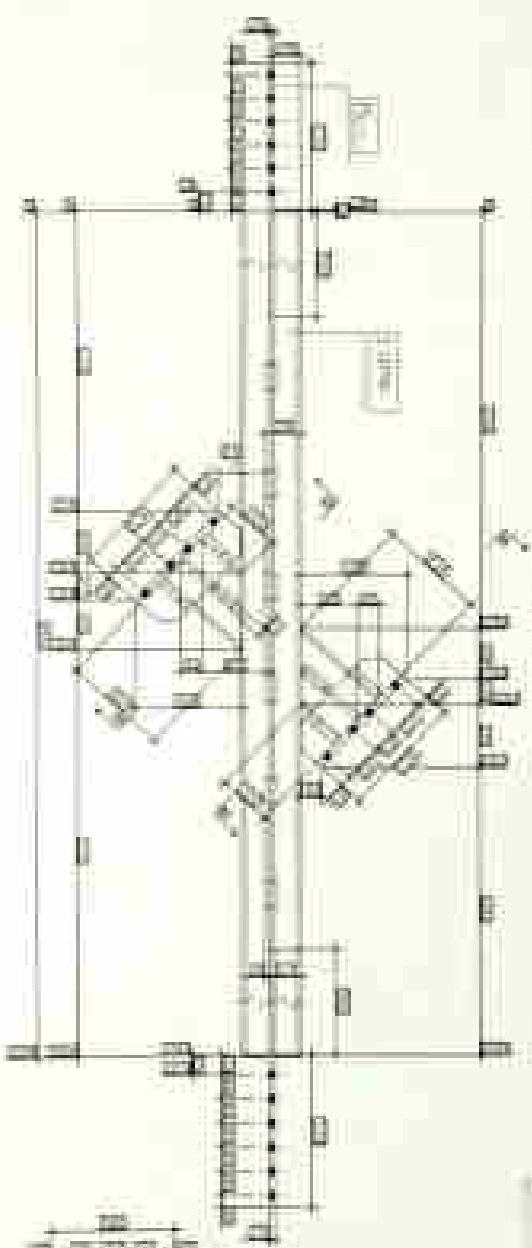




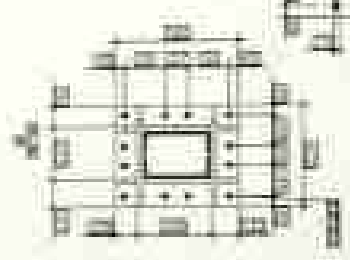
IDENTIFY EVERY ELEMENT ON DRAWINGS  
OR PROVIDE ALL SINGLE PARTS TABLE

PROVIDE EVERY MISSING DIMENSION

CHECK ALL THICKNESSES > MIN. AS PER  
DESIGN



|             |     |
|-------------|-----|
| Part No.    | 1   |
| Rev.        | 01  |
| Drawn by    | ... |
| Checked by  | ... |
| Approved by | ... |



MECH  
10/10

Part No. 101 TO 1000

Rev. 01

Drawn by

Checked by

Approved by

Part No. 101 TO 1000

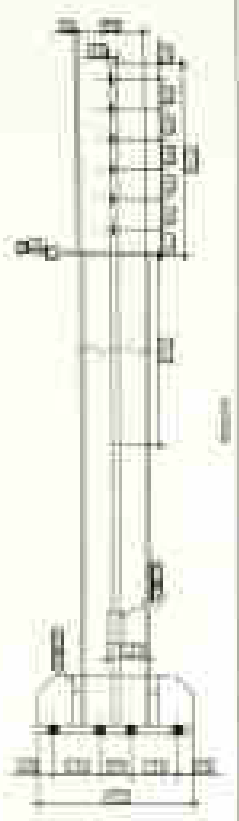
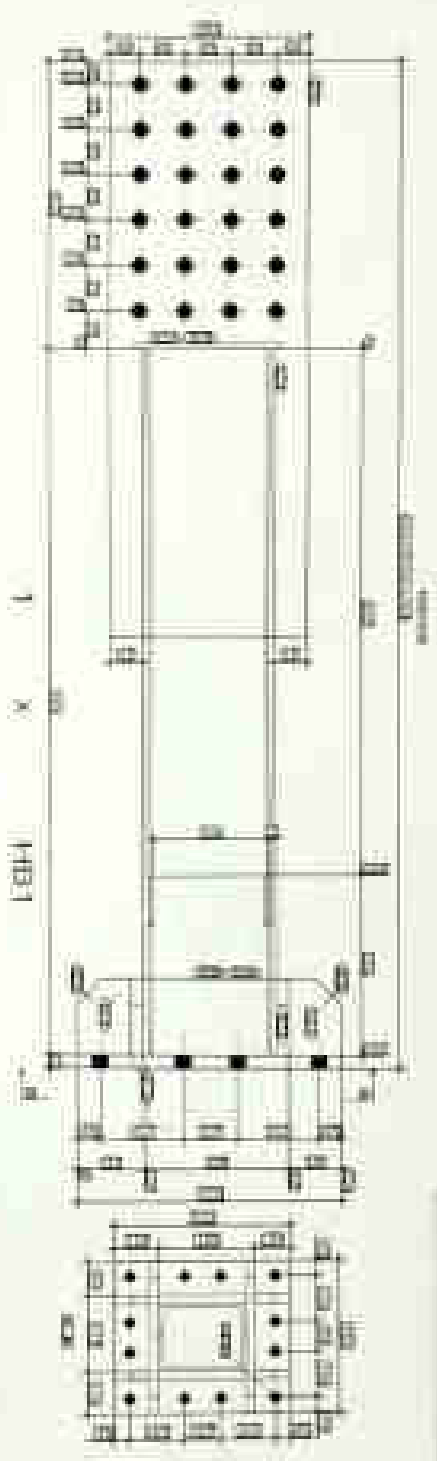
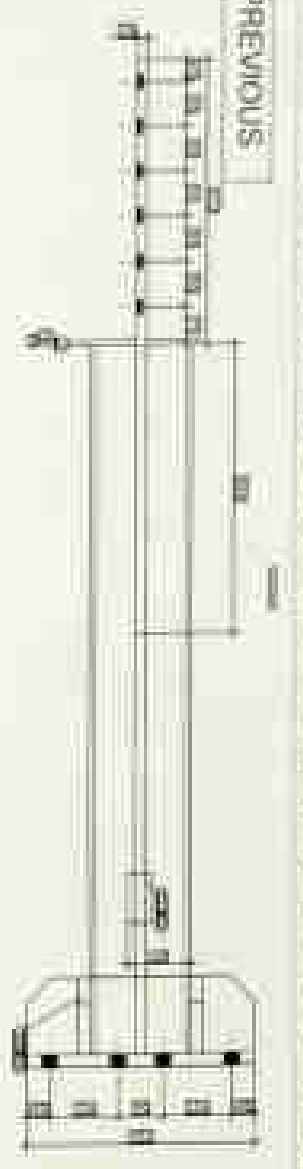
Rev. 01

Drawn by

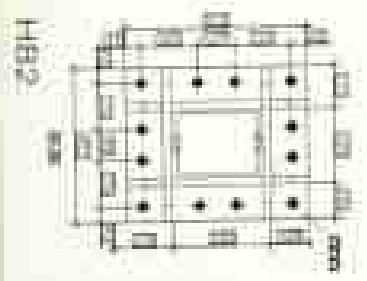
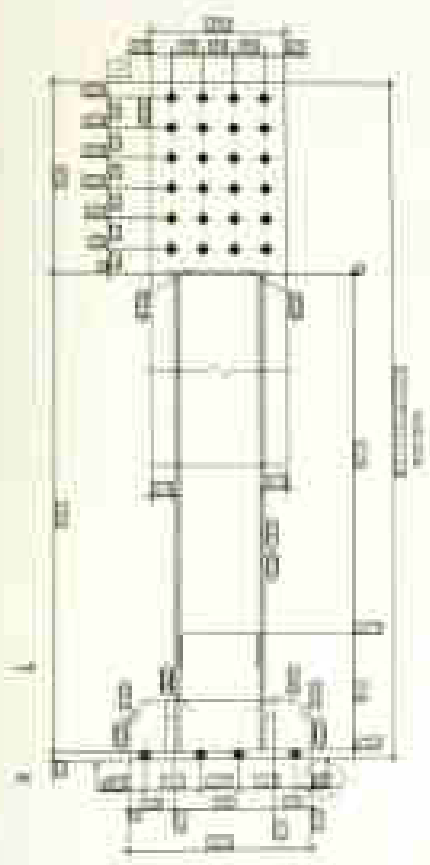
Checked by

Approved by

SAME AS PREVIOUS

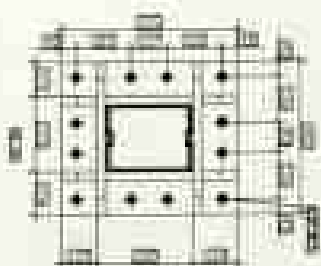
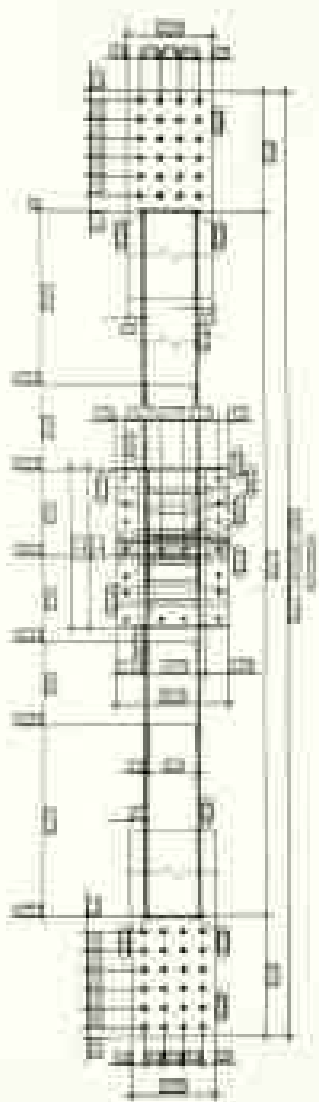
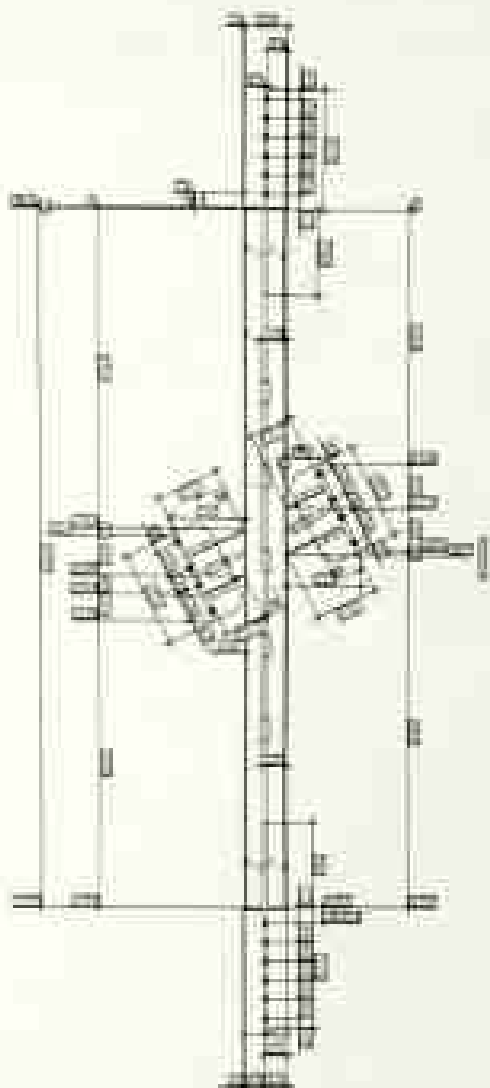


PROVIDE MISSING DATA



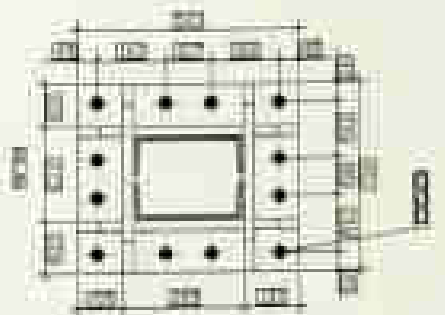
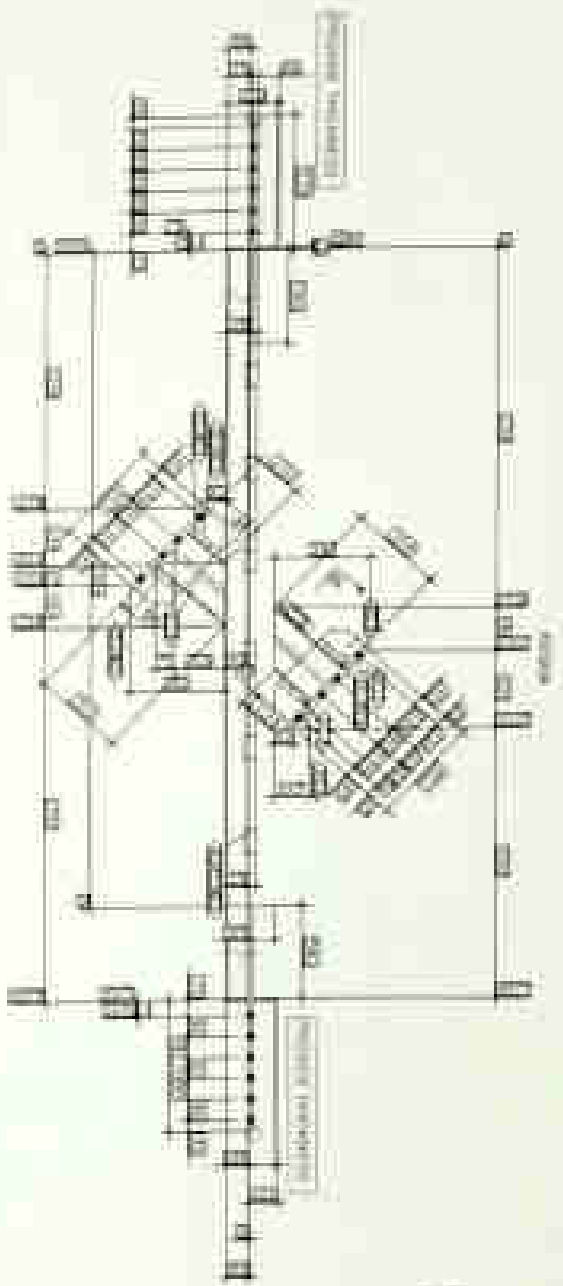
|                                     |    |                                     |     |
|-------------------------------------|----|-------------------------------------|-----|
| <p>REINFORCEMENT</p> <p>SECTION</p> |    | <p>REINFORCEMENT</p> <p>SECTION</p> |     |
| 1                                   | 2  | 3                                   | 4   |
| 5                                   | 6  | 7                                   | 8   |
| 9                                   | 10 | 11                                  | 12  |
| 13                                  | 14 | 15                                  | 16  |
| 17                                  | 18 | 19                                  | 20  |
| 21                                  | 22 | 23                                  | 24  |
| 25                                  | 26 | 27                                  | 28  |
| 29                                  | 30 | 31                                  | 32  |
| 33                                  | 34 | 35                                  | 36  |
| 37                                  | 38 | 39                                  | 40  |
| 41                                  | 42 | 43                                  | 44  |
| 45                                  | 46 | 47                                  | 48  |
| 49                                  | 50 | 51                                  | 52  |
| 53                                  | 54 | 55                                  | 56  |
| 57                                  | 58 | 59                                  | 60  |
| 61                                  | 62 | 63                                  | 64  |
| 65                                  | 66 | 67                                  | 68  |
| 69                                  | 70 | 71                                  | 72  |
| 73                                  | 74 | 75                                  | 76  |
| 77                                  | 78 | 79                                  | 80  |
| 81                                  | 82 | 83                                  | 84  |
| 85                                  | 86 | 87                                  | 88  |
| 89                                  | 90 | 91                                  | 92  |
| 93                                  | 94 | 95                                  | 96  |
| 97                                  | 98 | 99                                  | 100 |

IDENTIFY EVERY ELEMENT ON DRAWINGS

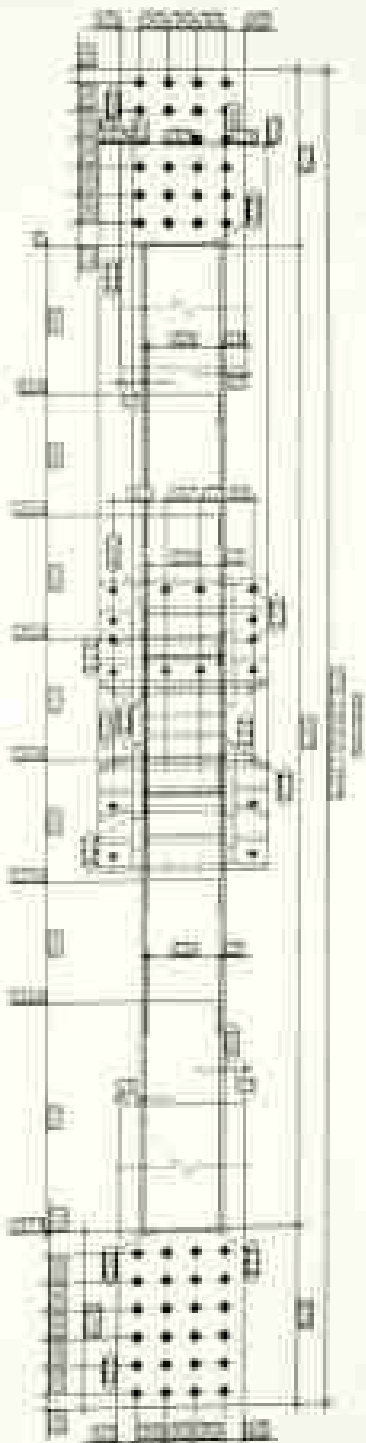


|      |  |
|------|--|
| NAME |  |
| DATE |  |
| MARK |  |

IDENTIFY EVERY ELEMENT ON DRAWINGS



|     |             |     |                |
|-----|-------------|-----|----------------|
| NO. | DESCRIPTION | QTY | UNIT           |
| 1   | CONCRETE    | 1   | M <sup>3</sup> |
| 2   | STEEL       | 1   | TON            |
| 3   | BRICK       | 1   | M <sup>3</sup> |
| 4   | PLASTER     | 1   | M <sup>2</sup> |
| 5   | PAINT       | 1   | LITRE          |



|     |             |     |                |
|-----|-------------|-----|----------------|
| NO. | DESCRIPTION | QTY | UNIT           |
| 1   | CONCRETE    | 1   | M <sup>3</sup> |
| 2   | STEEL       | 1   | TON            |
| 3   | BRICK       | 1   | M <sup>3</sup> |
| 4   | PLASTER     | 1   | M <sup>2</sup> |
| 5   | PAINT       | 1   | LITRE          |

|     |             |     |                |
|-----|-------------|-----|----------------|
| NO. | DESCRIPTION | QTY | UNIT           |
| 1   | CONCRETE    | 1   | M <sup>3</sup> |
| 2   | STEEL       | 1   | TON            |
| 3   | BRICK       | 1   | M <sup>3</sup> |
| 4   | PLASTER     | 1   | M <sup>2</sup> |
| 5   | PAINT       | 1   | LITRE          |

Handwritten notes and additional information, possibly related to the project or the drawing.

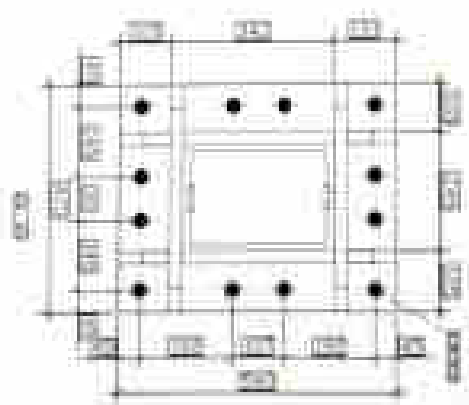
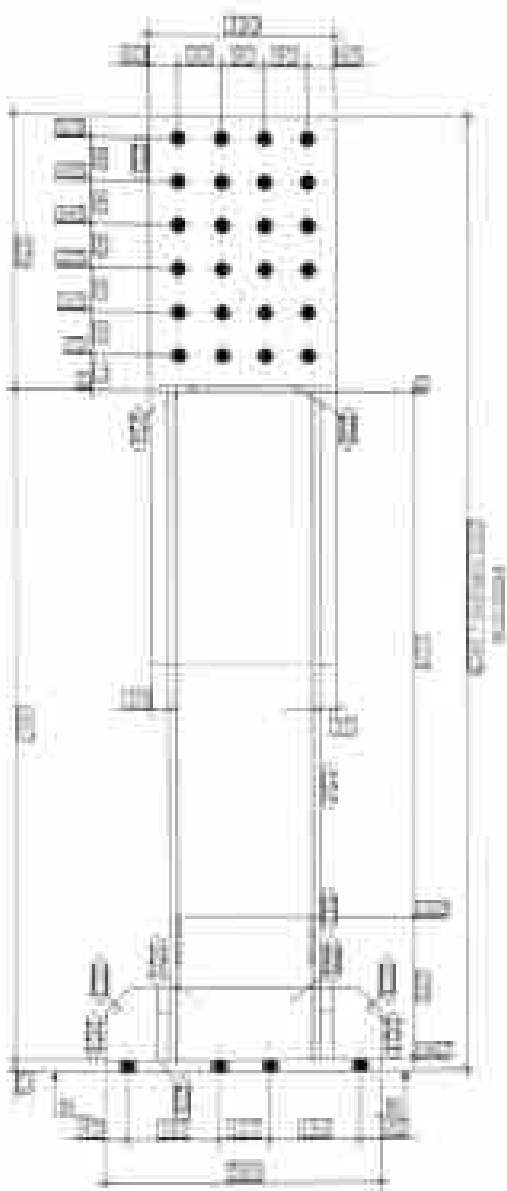
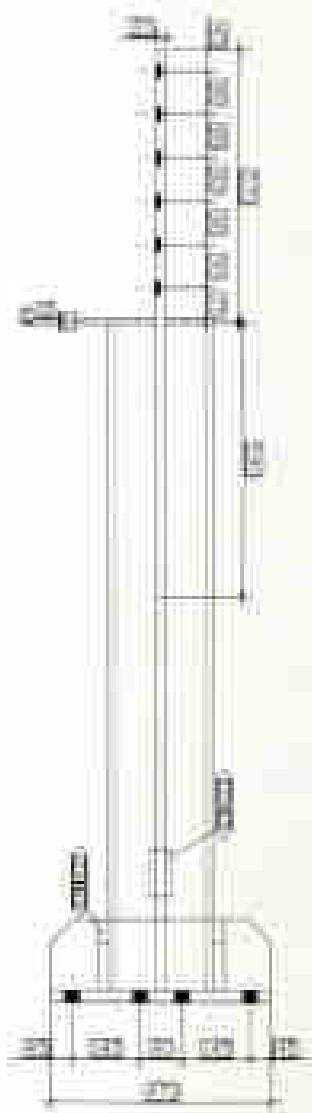
**energya**  
SOLUTIONS

100% SATISFACTION  
GUARANTEED

|     |             |     |                |
|-----|-------------|-----|----------------|
| NO. | DESCRIPTION | QTY | UNIT           |
| 1   | CONCRETE    | 1   | M <sup>3</sup> |
| 2   | STEEL       | 1   | TON            |
| 3   | BRICK       | 1   | M <sup>3</sup> |
| 4   | PLASTER     | 1   | M <sup>2</sup> |
| 5   | PAINT       | 1   | LITRE          |

|     |             |     |                |
|-----|-------------|-----|----------------|
| NO. | DESCRIPTION | QTY | UNIT           |
| 1   | CONCRETE    | 1   | M <sup>3</sup> |
| 2   | STEEL       | 1   | TON            |
| 3   | BRICK       | 1   | M <sup>3</sup> |
| 4   | PLASTER     | 1   | M <sup>2</sup> |
| 5   | PAINT       | 1   | LITRE          |

# IDENTIFY EVERY ELEMENT ON DRAWINGS



| NO. | DESCRIPTION   | QTY | UNIT |
|-----|---------------|-----|------|
| 1   | Concrete      | 100 | m³   |
| 2   | Reinforcement | 100 | kg   |
| 3   | Bricks        | 100 | m³   |
| 4   | Plaster       | 100 | m²   |
| 5   | Paint         | 100 | kg   |



| NO. | DESCRIPTION   | QTY | UNIT |
|-----|---------------|-----|------|
| 1   | Concrete      | 100 | m³   |
| 2   | Reinforcement | 100 | kg   |
| 3   | Bricks        | 100 | m³   |
| 4   | Plaster       | 100 | m²   |
| 5   | Paint         | 100 | kg   |

| NO. | DESCRIPTION   | QTY | UNIT |
|-----|---------------|-----|------|
| 1   | Concrete      | 100 | m³   |
| 2   | Reinforcement | 100 | kg   |
| 3   | Bricks        | 100 | m³   |
| 4   | Plaster       | 100 | m²   |
| 5   | Paint         | 100 | kg   |

Handwritten notes or comments in Arabic script, located in the bottom right corner of the page.

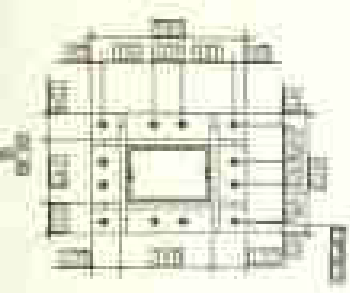
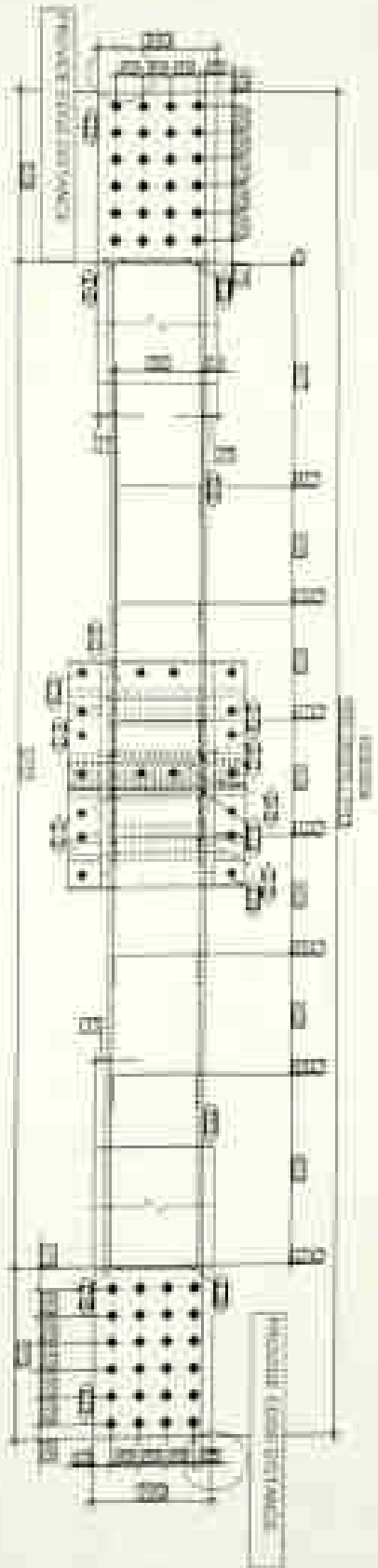
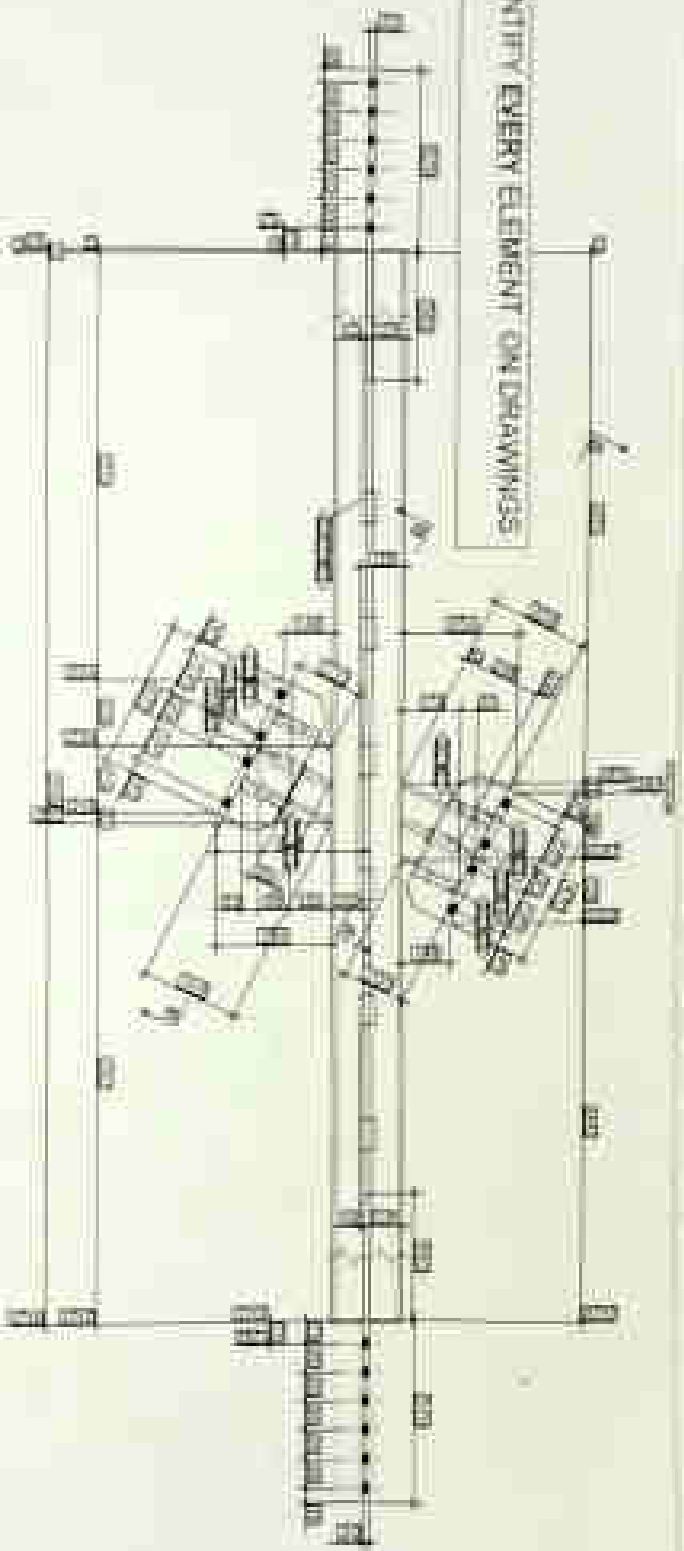
Energy

SECTION

1/1

| NO. | DESCRIPTION   | QTY | UNIT |
|-----|---------------|-----|------|
| 1   | Concrete      | 100 | m³   |
| 2   | Reinforcement | 100 | kg   |
| 3   | Bricks        | 100 | m³   |
| 4   | Plaster       | 100 | m²   |
| 5   | Paint         | 100 | kg   |

IDENTIFY EVERY ELEMENT ON DRAWINGS



|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

**Energy**  
SOLUTIONS

100%  
SOLUTION

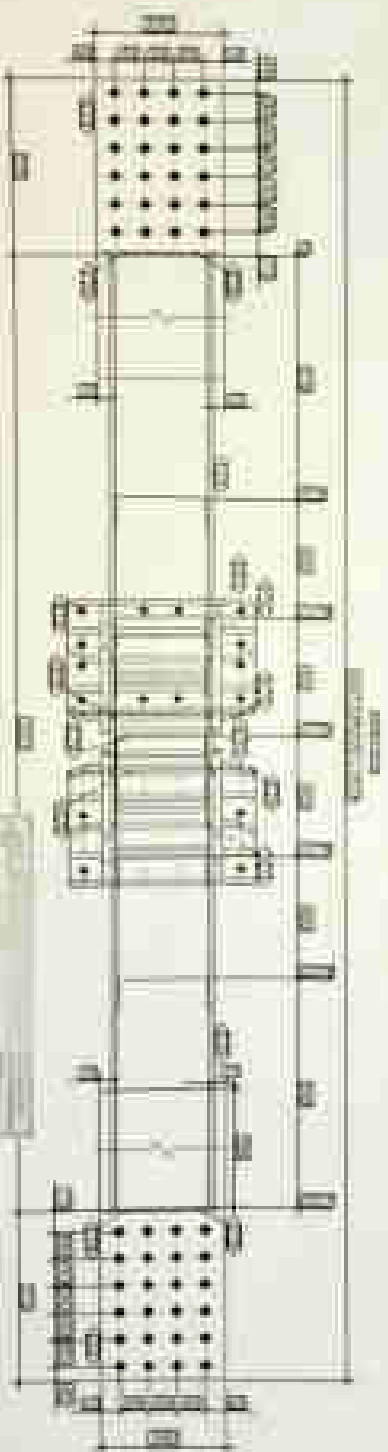
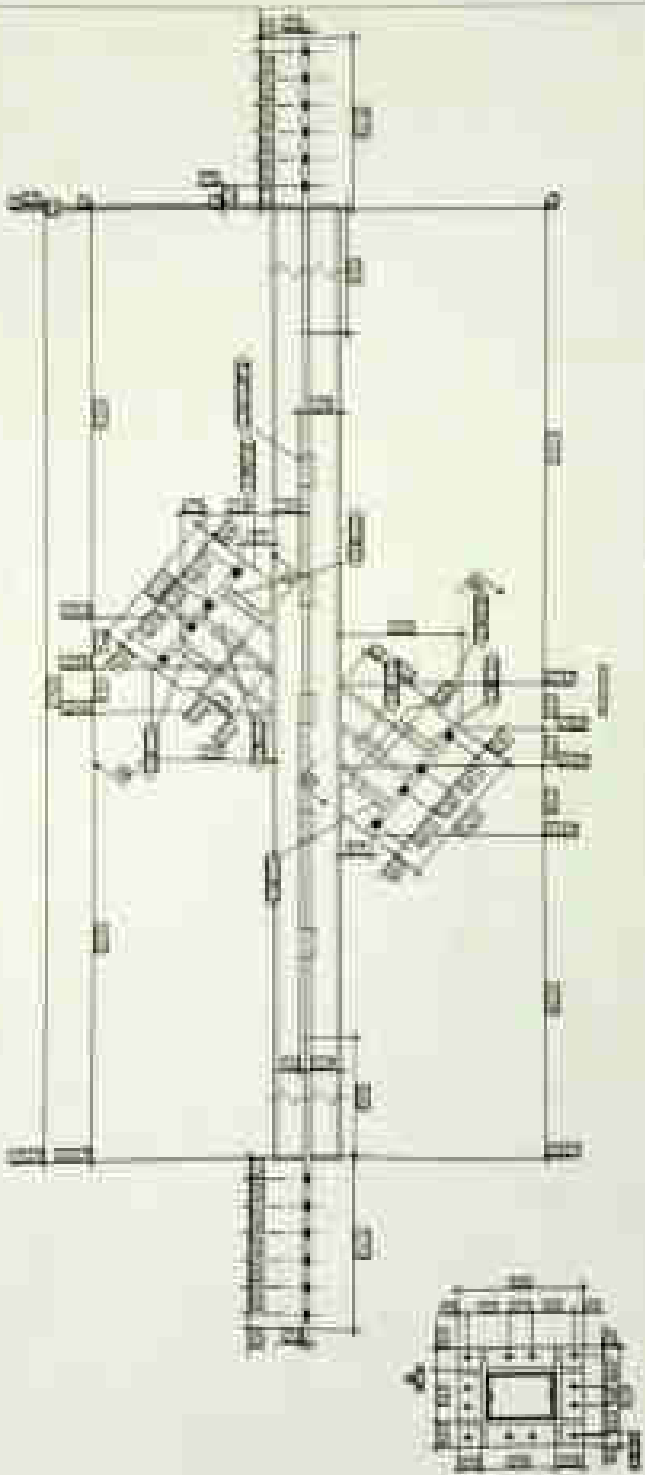


|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

IDENTIFY EVERY ELEMENT ON DRAWINGS

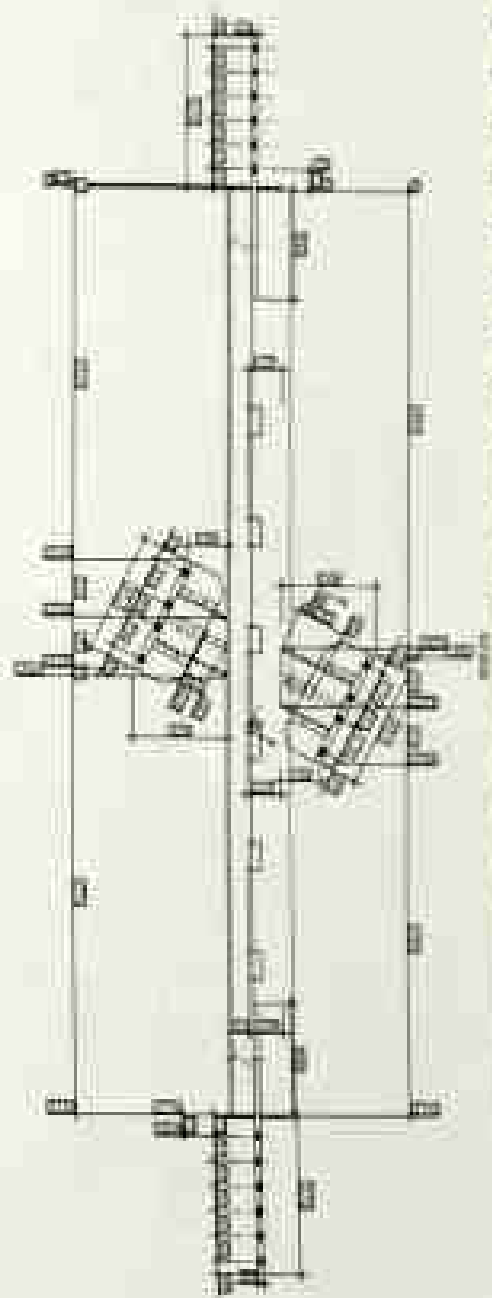


|      |  |
|------|--|
| DATE |  |
| TIME |  |

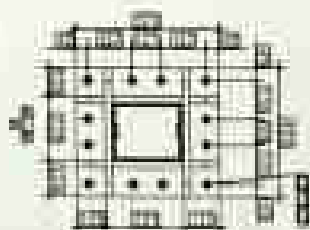
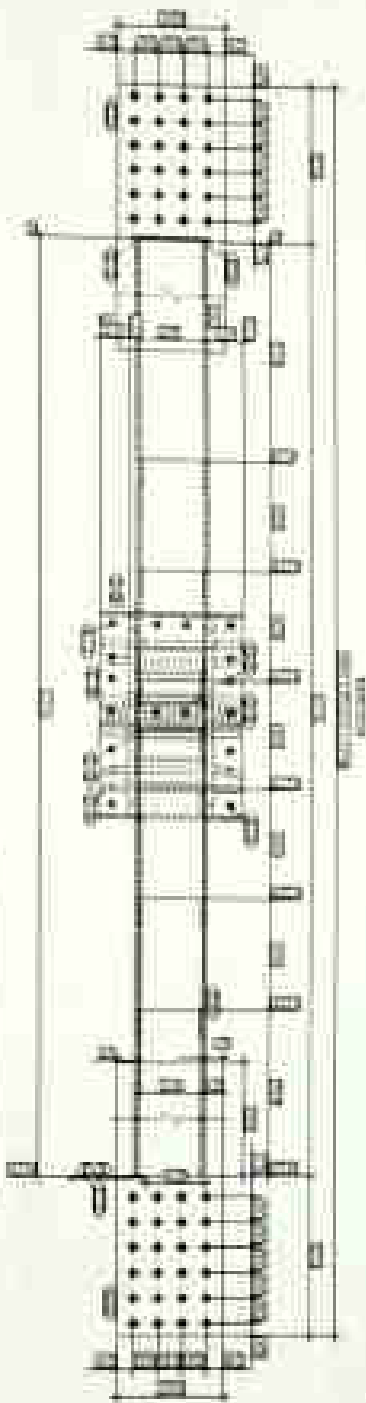


|      |  |
|------|--|
| DATE |  |
| TIME |  |

|                                      |                         |
|--------------------------------------|-------------------------|
| <p>Handwritten signature or mark</p> |                         |
| <p>Handwritten text</p>              | <p>Handwritten text</p> |
| <p>Handwritten text</p>              | <p>Handwritten text</p> |
| <p>Handwritten text</p>              | <p>Handwritten text</p> |

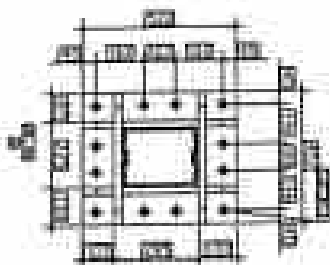



IDENTIFY EVERY ELEMENT ON DRAWINGS



|              |  |
|--------------|--|
| Project Name |  |
| Client       |  |
| Architect    |  |
| Date         |  |





|  |  |  |  |
|--|--|--|--|
| <p>  </p>  |  |  |  |
| <p> <b>MINISTRY OF EDUCATION</b><br/> <b>GOVERNMENT OF INDIA</b> </p>  |  |  |  |
| <p> <b>UNIVERSITY OF DELHI</b><br/> <b>SCHOOL OF DISTANCE EDUCATION</b> </p>   |  |  |  |
| <p> <b>B.A. POLITICAL SCIENCE</b><br/> <b>SEMESTER - I</b> </p>  |  |  |  |
| <p> <b>PAPER - I</b><br/> <b>INDIAN POLITICAL SYSTEM</b> </p>  |  |  |  |
| <p> <b>Time: 3 Hours</b><br/> <b>Maximum Marks: 100</b> </p>   |  |  |  |
| <p> <b>Instructions:</b><br/>         1. The question paper consists of two parts, A and B.<br/>         2. Part A contains ten questions, all of which are compulsory.<br/>         3. Part B contains four questions, of which any two are to be attempted.<br/>         4. The answers to the questions in Part A should be written in the space provided below the questions.<br/>         5. The answers to the questions in Part B should be written on a separate sheet of paper.       </p>  |  |  |  |
| <p> <b>Part A</b> </p>   |  |  |  |
| <p>         1. Define the term 'Political System'.<br/>         2. What are the main features of the Indian Political System?<br/>         3. Discuss the role of the President in India.<br/>         4. Explain the concept of 'Federalism' in India.<br/>         5. What are the main functions of the Parliament?<br/>         6. Discuss the role of the Judiciary in India.<br/>         7. Explain the concept of 'Democratic Politics' in India.<br/>         8. What are the main features of the Indian Political System?<br/>         9. Discuss the role of the President in India.<br/>         10. Explain the concept of 'Federalism' in India.       </p> |  |  |  |
| <p> <b>Part B</b> </p>   |  |  |  |
| <p>         11. Discuss the role of the President in India.<br/>         12. Explain the concept of 'Federalism' in India.<br/>         13. What are the main functions of the Parliament?<br/>         14. Discuss the role of the Judiciary in India.       </p>   |  |  |  |

|    |    |    |    |
|----|----|----|----|
| 1  | 2  | 3  | 4  |
| 5  | 6  | 7  | 8  |
| 9  | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |

Figure 1. Schematic diagram of the experimental setup. The subjects were seated in a dimly lit room and viewed the screen through a mirror. The screen displayed the target and the starting position of the hand. The hand was moved from the starting position to the target position. The distance between the starting position and the target position was 10 cm. The hand was moved from the starting position to the target position. The distance between the starting position and the target position was 10 cm.

1. **NAME** \_\_\_\_\_  
 2. **DATE** \_\_\_\_\_  
 3. **TIME** \_\_\_\_\_  
 4. **LOCATION** \_\_\_\_\_  
 5. **REASON** \_\_\_\_\_  
 6. **SIGNATURE** \_\_\_\_\_  
 7. **DATE** \_\_\_\_\_  
 8. **TIME** \_\_\_\_\_  
 9. **LOCATION** \_\_\_\_\_  
 10. **REASON** \_\_\_\_\_  
 11. **SIGNATURE** \_\_\_\_\_  
 12. **DATE** \_\_\_\_\_  
 13. **TIME** \_\_\_\_\_  
 14. **LOCATION** \_\_\_\_\_  
 15. **REASON** \_\_\_\_\_  
 16. **SIGNATURE** \_\_\_\_\_  
 17. **DATE** \_\_\_\_\_  
 18. **TIME** \_\_\_\_\_  
 19. **LOCATION** \_\_\_\_\_  
 20. **REASON** \_\_\_\_\_  
 21. **SIGNATURE** \_\_\_\_\_  
 22. **DATE** \_\_\_\_\_  
 23. **TIME** \_\_\_\_\_  
 24. **LOCATION** \_\_\_\_\_  
 25. **REASON** \_\_\_\_\_  
 26. **SIGNATURE** \_\_\_\_\_  
 27. **DATE** \_\_\_\_\_  
 28. **TIME** \_\_\_\_\_  
 29. **LOCATION** \_\_\_\_\_  
 30. **REASON** \_\_\_\_\_  
 31. **SIGNATURE** \_\_\_\_\_  
 32. **DATE** \_\_\_\_\_  
 33. **TIME** \_\_\_\_\_  
 34. **LOCATION** \_\_\_\_\_  
 35. **REASON** \_\_\_\_\_  
 36. **SIGNATURE** \_\_\_\_\_  
 37. **DATE** \_\_\_\_\_  
 38. **TIME** \_\_\_\_\_  
 39. **LOCATION** \_\_\_\_\_  
 40. **REASON** \_\_\_\_\_  
 41. **SIGNATURE** \_\_\_\_\_  
 42. **DATE** \_\_\_\_\_  
 43. **TIME** \_\_\_\_\_  
 44. **LOCATION** \_\_\_\_\_  
 45. **REASON** \_\_\_\_\_  
 46. **SIGNATURE** \_\_\_\_\_  
 47. **DATE** \_\_\_\_\_  
 48. **TIME** \_\_\_\_\_  
 49. **LOCATION** \_\_\_\_\_  
 50. **REASON** \_\_\_\_\_  
 51. **SIGNATURE** \_\_\_\_\_  
 52. **DATE** \_\_\_\_\_  
 53. **TIME** \_\_\_\_\_  
 54. **LOCATION** \_\_\_\_\_  
 55. **REASON** \_\_\_\_\_  
 56. **SIGNATURE** \_\_\_\_\_  
 57. **DATE** \_\_\_\_\_  
 58. **TIME** \_\_\_\_\_  
 59. **LOCATION** \_\_\_\_\_  
 60. **REASON** \_\_\_\_\_  
 61. **SIGNATURE** \_\_\_\_\_  
 62. **DATE** \_\_\_\_\_  
 63. **TIME** \_\_\_\_\_  
 64. **LOCATION** \_\_\_\_\_  
 65. **REASON** \_\_\_\_\_  
 66. **SIGNATURE** \_\_\_\_\_  
 67. **DATE** \_\_\_\_\_  
 68. **TIME** \_\_\_\_\_  
 69. **LOCATION** \_\_\_\_\_  
 70. **REASON** \_\_\_\_\_  
 71. **SIGNATURE** \_\_\_\_\_  
 72. **DATE** \_\_\_\_\_  
 73. **TIME** \_\_\_\_\_  
 74. **LOCATION** \_\_\_\_\_  
 75. **REASON** \_\_\_\_\_  
 76. **SIGNATURE** \_\_\_\_\_  
 77. **DATE** \_\_\_\_\_  
 78. **TIME** \_\_\_\_\_  
 79. **LOCATION** \_\_\_\_\_  
 80. **REASON** \_\_\_\_\_  
 81. **SIGNATURE** \_\_\_\_\_  
 82. **DATE** \_\_\_\_\_  
 83. **TIME** \_\_\_\_\_  
 84. **LOCATION** \_\_\_\_\_  
 85. **REASON** \_\_\_\_\_  
 86. **SIGNATURE** \_\_\_\_\_  
 87. **DATE** \_\_\_\_\_  
 88. **TIME** \_\_\_\_\_  
 89. **LOCATION** \_\_\_\_\_  
 90. **REASON** \_\_\_\_\_  
 91. **SIGNATURE** \_\_\_\_\_  
 92. **DATE** \_\_\_\_\_  
 93. **TIME** \_\_\_\_\_  
 94. **LOCATION** \_\_\_\_\_  
 95. **REASON** \_\_\_\_\_  
 96. **SIGNATURE** \_\_\_\_\_  
 97. **DATE** \_\_\_\_\_  
 98. **TIME** \_\_\_\_\_  
 99. **LOCATION** \_\_\_\_\_  
 100. **REASON** \_\_\_\_\_  
 101. **SIGNATURE** \_\_\_\_\_  
 102. **DATE** \_\_\_\_\_  
 103. **TIME** \_\_\_\_\_  
 104. **LOCATION** \_\_\_\_\_  
 105. **REASON** \_\_\_\_\_  
 106. **SIGNATURE** \_\_\_\_\_  
 107. **DATE** \_\_\_\_\_  
 108. **TIME** \_\_\_\_\_  
 109. **LOCATION** \_\_\_\_\_  
 110. **REASON** \_\_\_\_\_  
 111. **SIGNATURE** \_\_\_\_\_  
 112. **DATE** \_\_\_\_\_  
 113. **TIME** \_\_\_\_\_  
 114. **LOCATION** \_\_\_\_\_  
 115. **REASON** \_\_\_\_\_  
 116. **SIGNATURE** \_\_\_\_\_  
 117. **DATE** \_\_\_\_\_  
 118. **TIME** \_\_\_\_\_  
 119. **LOCATION** \_\_\_\_\_  
 120. **REASON** \_\_\_\_\_  
 121. **SIGNATURE** \_\_\_\_\_  
 122. **DATE** \_\_\_\_\_  
 123. **TIME** \_\_\_\_\_  
 124. **LOCATION** \_\_\_\_\_  
 125. **REASON** \_\_\_\_\_  
 126. **SIGNATURE** \_\_\_\_\_  
 127. **DATE** \_\_\_\_\_  
 128. **TIME** \_\_\_\_\_  
 129. **LOCATION** \_\_\_\_\_  
 130. **REASON** \_\_\_\_\_  
 131. **SIGNATURE** \_\_\_\_\_  
 132. **DATE** \_\_\_\_\_  
 133. **TIME** \_\_\_\_\_  
 134. **LOCATION** \_\_\_\_\_  
 135. **REASON** \_\_\_\_\_  
 136. **SIGNATURE** \_\_\_\_\_  
 137. **DATE** \_\_\_\_\_  
 138. **TIME** \_\_\_\_\_  
 139. **LOCATION** \_\_\_\_\_  
 140. **REASON** \_\_\_\_\_  
 141. **SIGNATURE** \_\_\_\_\_  
 142. **DATE** \_\_\_\_\_  
 143. **TIME** \_\_\_\_\_  
 144. **LOCATION** \_\_\_\_\_  
 145. **REASON** \_\_\_\_\_  
 146. **SIGNATURE** \_\_\_\_\_  
 147. **DATE** \_\_\_\_\_  
 148. **TIME** \_\_\_\_\_  
 149. **LOCATION** \_\_\_\_\_  
 150. **REASON** \_\_\_\_\_  
 151. **SIGNATURE** \_\_\_\_\_  
 152. **DATE** \_\_\_\_\_  
 153. **TIME** \_\_\_\_\_  
 154. **LOCATION** \_\_\_\_\_  
 155. **REASON** \_\_\_\_\_  
 156. **SIGNATURE** \_\_\_\_\_  
 157. **DATE** \_\_\_\_\_  
 158. **TIME** \_\_\_\_\_  
 159. **LOCATION** \_\_\_\_\_  
 160. **REASON** \_\_\_\_\_  
 161. **SIGNATURE** \_\_\_\_\_  
 162. **DATE** \_\_\_\_\_  
 163. **TIME** \_\_\_\_\_  
 164. **LOCATION** \_\_\_\_\_  
 165. **REASON** \_\_\_\_\_  
 166. **SIGNATURE** \_\_\_\_\_  
 167. **DATE** \_\_\_\_\_  
 168. **TIME** \_\_\_\_\_  
 169. **LOCATION** \_\_\_\_\_  
 170. **REASON** \_\_\_\_\_  
 171. **SIGNATURE** \_\_\_\_\_  
 172. **DATE** \_\_\_\_\_  
 173. **TIME** \_\_\_\_\_  
 174. **LOCATION** \_\_\_\_\_  
 175. **REASON** \_\_\_\_\_  
 176. **SIGNATURE** \_\_\_\_\_  
 177. **DATE** \_\_\_\_\_  
 178. **TIME** \_\_\_\_\_  
 179. **LOCATION** \_\_\_\_\_  
 180. **REASON** \_\_\_\_\_  
 181. **SIGNATURE** \_\_\_\_\_  
 182. **DATE** \_\_\_\_\_  
 183. **TIME** \_\_\_\_\_  
 184. **LOCATION** \_\_\_\_\_  
 185. **REASON** \_\_\_\_\_  
 186. **SIGNATURE** \_\_\_\_\_  
 187. **DATE** \_\_\_\_\_  
 188. **TIME** \_\_\_\_\_  
 189. **LOCATION** \_\_\_\_\_  
 190. **REASON** \_\_\_\_\_  
 191. **SIGNATURE** \_\_\_\_\_  
 192. **DATE** \_\_\_\_\_  
 193. **TIME** \_\_\_\_\_  
 194. **LOCATION** \_\_\_\_\_  
 195. **REASON** \_\_\_\_\_  
 196. **SIGNATURE** \_\_\_\_\_  
 197. **DATE** \_\_\_\_\_  
 198. **TIME** \_\_\_\_\_  
 199. **LOCATION** \_\_\_\_\_  
 200. **REASON** \_\_\_\_\_  
 201. **SIGNATURE** \_\_\_\_\_  
 202. **DATE** \_\_\_\_\_  
 203. **TIME** \_\_\_\_\_  
 204. **LOCATION** \_\_\_\_\_  
 205. **REASON** \_\_\_\_\_  
 206. **SIGNATURE** \_\_\_\_\_  
 207. **DATE** \_\_\_\_\_  
 208. **TIME** \_\_\_\_\_  
 209. **LOCATION** \_\_\_\_\_  
 210. **REASON** \_\_\_\_\_  
 211. **SIGNATURE** \_\_\_\_\_  
 212. **DATE** \_\_\_\_\_  
 213. **TIME** \_\_\_\_\_  
 214. **LOCATION** \_\_\_\_\_  
 215. **REASON** \_\_\_\_\_  
 216. **SIGNATURE** \_\_\_\_\_  
 217. **DATE** \_\_\_\_\_  
 218. **TIME** \_\_\_\_\_  
 219. **LOCATION** \_\_\_\_\_  
 220. **REASON** \_\_\_\_\_  
 221. **SIGNATURE** \_\_\_\_\_  
 222. **DATE** \_\_\_\_\_  
 223. **TIME** \_\_\_\_\_  
 224. **LOCATION** \_\_\_\_\_  
 225. **REASON** \_\_\_\_\_  
 226. **SIGNATURE** \_\_\_\_\_  
 227. **DATE** \_\_\_\_\_  
 228. **TIME** \_\_\_\_\_  
 229. <

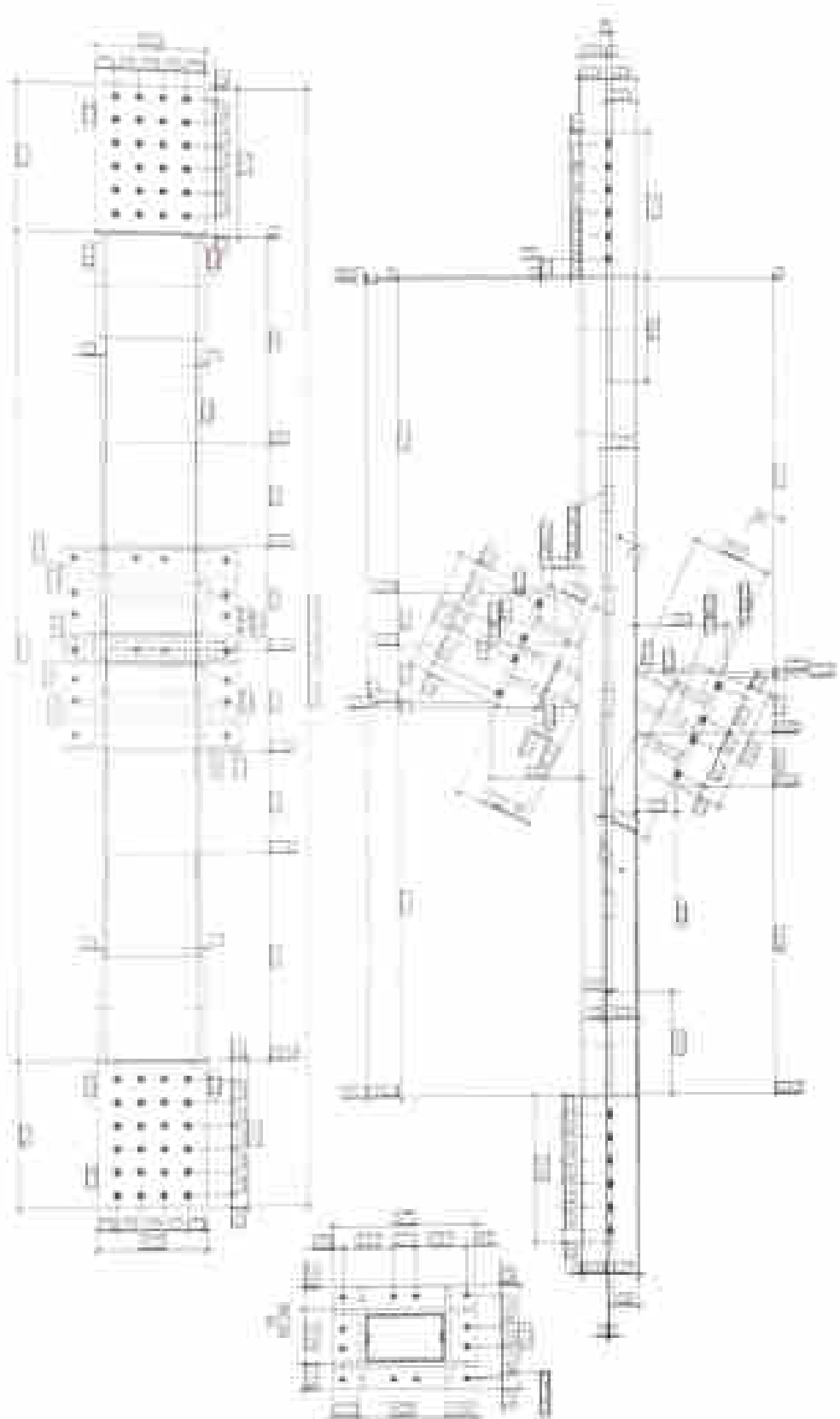
**Energy**

2015  
2016

|  |          |       |     |
|--|----------|-------|-----|
|  | DATE     | TIME  | BY  |
|  | 08-10-99 | 10:00 | JLH |

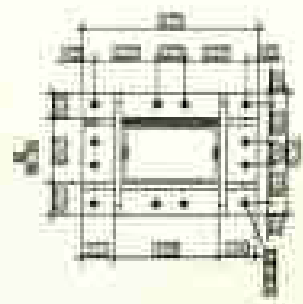
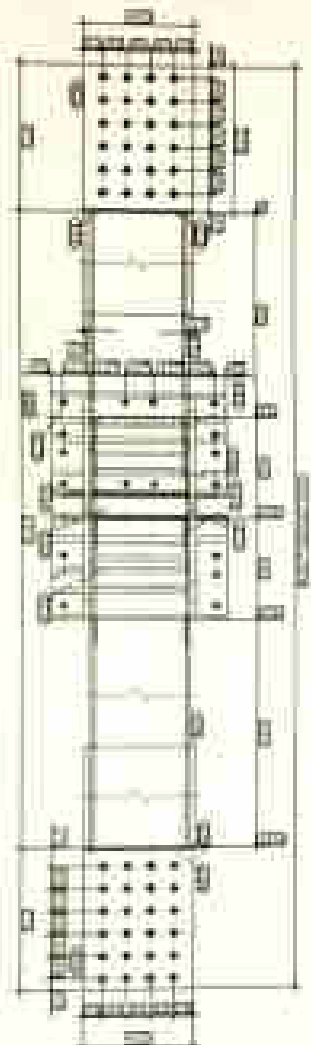
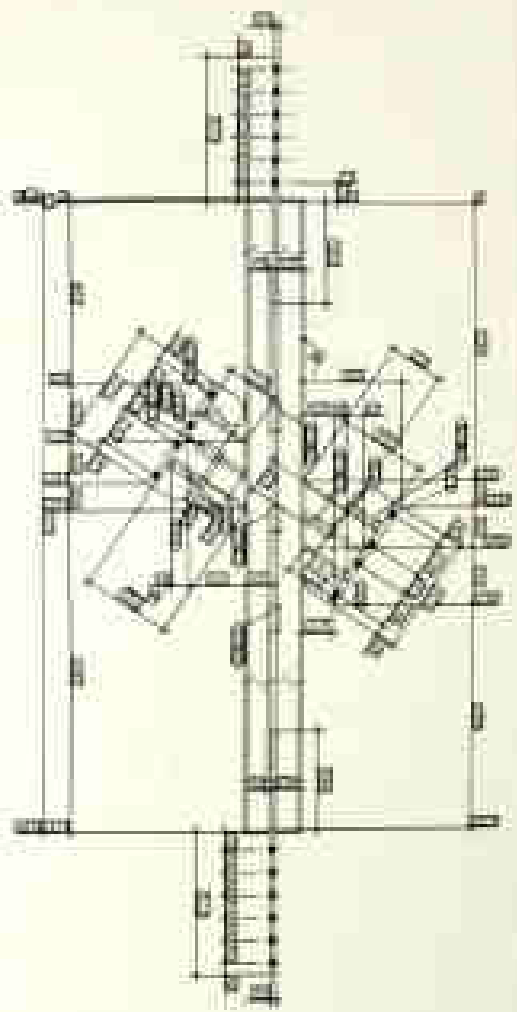


SAME AS PREVIOUS



|   |  |   |
|---|--|---|
| <p>Project Name: _____</p> <p>Client: _____</p> <p>Location: _____</p> <p>Date: _____</p> |  | <p>Scale: _____</p> <p>Sheet No: _____</p> <p>Total Sheets: _____</p> |
| <p>Architect: _____</p> <p>Engineer: _____</p> <p>Checker: _____</p>                      |  | <p>Project No: _____</p> <p>Revision: _____</p>                       |

IDENTIFY EVERY ELEMENT ON DRAWING



|          |  |
|----------|--|
| DATE     |  |
| BY       |  |
| CHECKED  |  |
| APPROVED |  |



**Energyya**  
The Energy Experts

PROJECT NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

**REVISIONS**

| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
|     |             |      |
|     |             |      |
|     |             |      |

**APPROVALS**

| NAME | DESIGNATION | SIGNATURE | DATE |
|------|-------------|-----------|------|
|      |             |           |      |
|      |             |           |      |

**PROJECT INFORMATION**

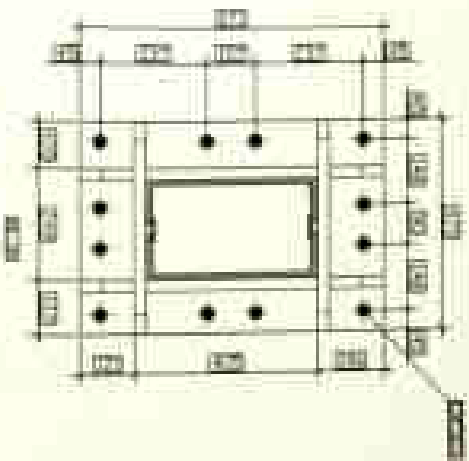
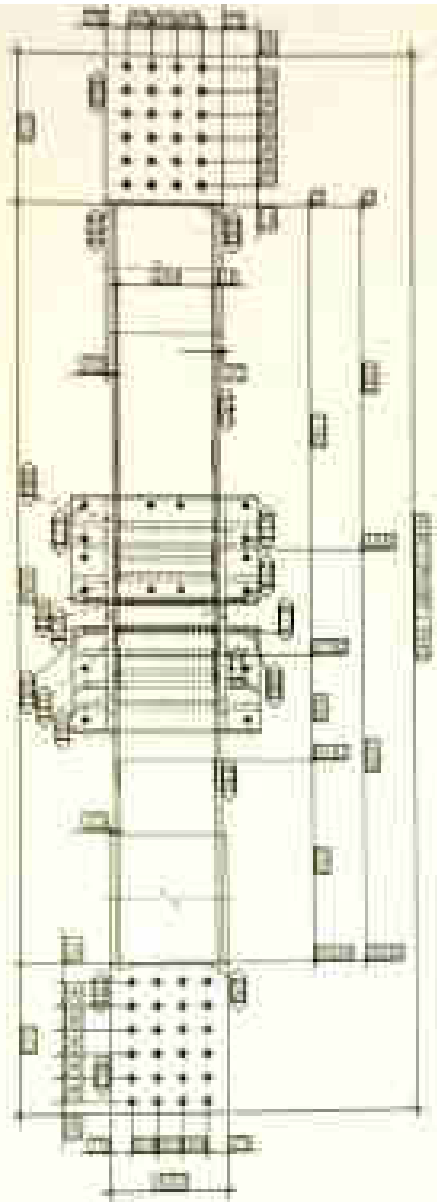
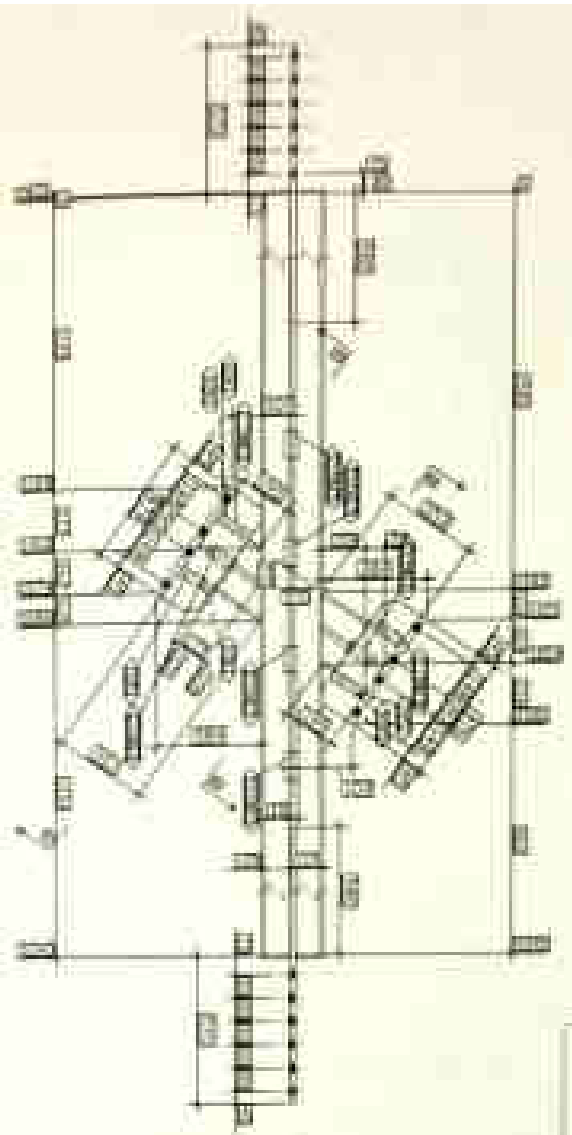
PROJECT NAME: \_\_\_\_\_

CLIENT: \_\_\_\_\_

LOCATION: \_\_\_\_\_

DATE: \_\_\_\_\_

IDENTIFY EVERY ELEMENT ON DRAWINGS



|              |  |
|--------------|--|
| Project Name |  |
| Client       |  |
| Architect    |  |
| Date         |  |

1000 1200 1500 2000

**energy**  
SOLUTIONS


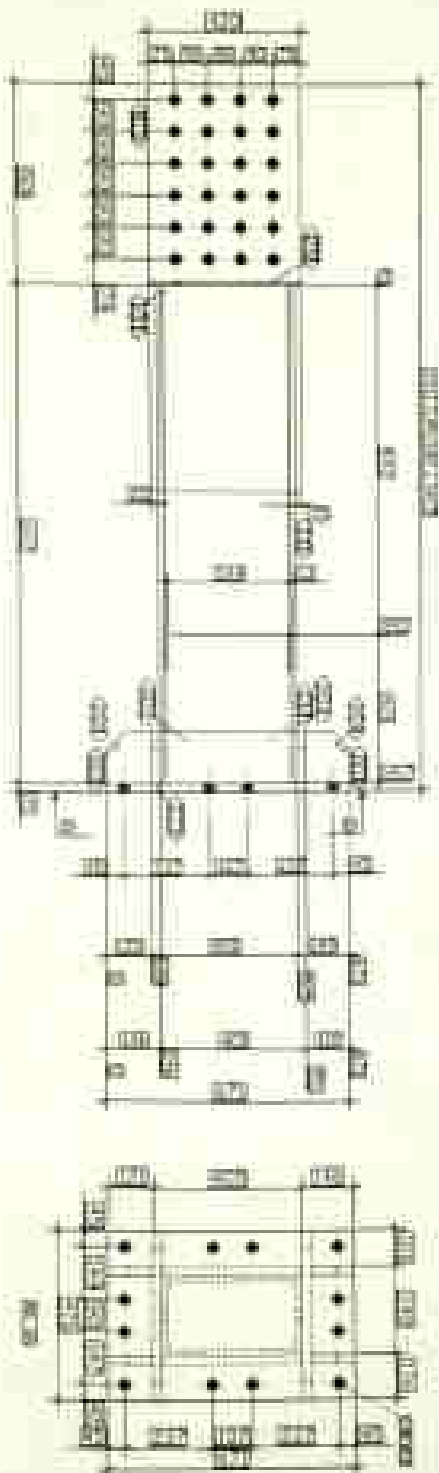
SEEKING  
SALES

| Legend |    |    |    |
|--------|----|----|----|
| 1      | 2  | 3  | 4  |
| 5      | 6  | 7  | 8  |
| 9      | 10 | 11 | 12 |

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

*[Handwritten signature]*

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|



|   |   |   |
|---|---|---|
| 一 | 二 | 三 |
| 四 | 五 |   |
| 六 | 七 |   |
| 八 | 九 |   |

[illegible]

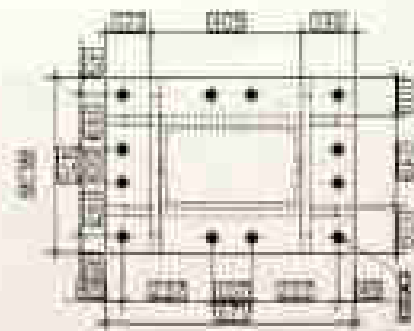
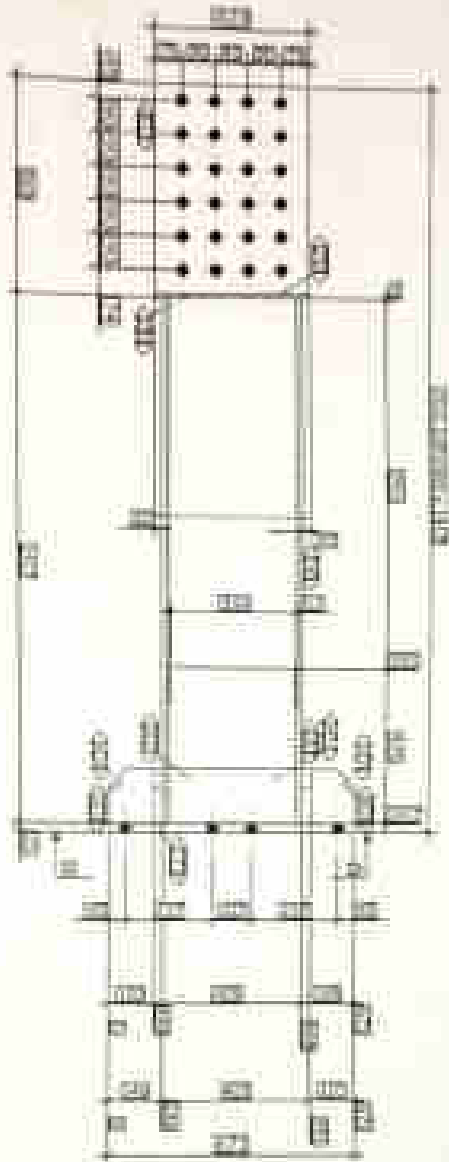
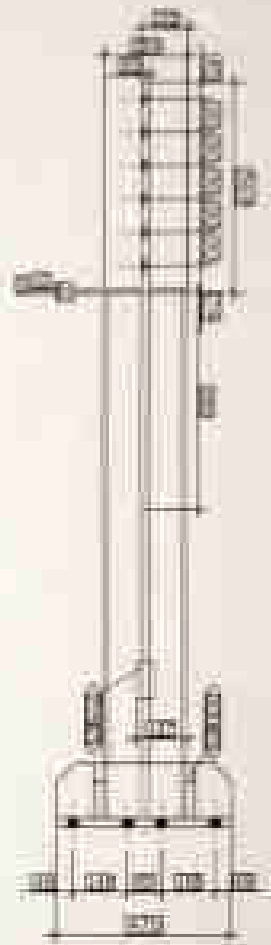
|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|



| ADD TO HOURS |     |
|--------------|-----|
| 1            | 1   |
| 2            | 2   |
| 3            | 3   |
| 4            | 4   |
| 5            | 5   |
| 6            | 6   |
| 7            | 7   |
| 8            | 8   |
| 9            | 9   |
| 10           | 10  |
| 11           | 11  |
| 12           | 12  |
| 13           | 13  |
| 14           | 14  |
| 15           | 15  |
| 16           | 16  |
| 17           | 17  |
| 18           | 18  |
| 19           | 19  |
| 20           | 20  |
| 21           | 21  |
| 22           | 22  |
| 23           | 23  |
| 24           | 24  |
| 25           | 25  |
| 26           | 26  |
| 27           | 27  |
| 28           | 28  |
| 29           | 29  |
| 30           | 30  |
| 31           | 31  |
| 32           | 32  |
| 33           | 33  |
| 34           | 34  |
| 35           | 35  |
| 36           | 36  |
| 37           | 37  |
| 38           | 38  |
| 39           | 39  |
| 40           | 40  |
| 41           | 41  |
| 42           | 42  |
| 43           | 43  |
| 44           | 44  |
| 45           | 45  |
| 46           | 46  |
| 47           | 47  |
| 48           | 48  |
| 49           | 49  |
| 50           | 50  |
| 51           | 51  |
| 52           | 52  |
| 53           | 53  |
| 54           | 54  |
| 55           | 55  |
| 56           | 56  |
| 57           | 57  |
| 58           | 58  |
| 59           | 59  |
| 60           | 60  |
| 61           | 61  |
| 62           | 62  |
| 63           | 63  |
| 64           | 64  |
| 65           | 65  |
| 66           | 66  |
| 67           | 67  |
| 68           | 68  |
| 69           | 69  |
| 70           | 70  |
| 71           | 71  |
| 72           | 72  |
| 73           | 73  |
| 74           | 74  |
| 75           | 75  |
| 76           | 76  |
| 77           | 77  |
| 78           | 78  |
| 79           | 79  |
| 80           | 80  |
| 81           | 81  |
| 82           | 82  |
| 83           | 83  |
| 84           | 84  |
| 85           | 85  |
| 86           | 86  |
| 87           | 87  |
| 88           | 88  |
| 89           | 89  |
| 90           | 90  |
| 91           | 91  |
| 92           | 92  |
| 93           | 93  |
| 94           | 94  |
| 95           | 95  |
| 96           | 96  |
| 97           | 97  |
| 98           | 98  |
| 99           | 99  |
| 100          | 100 |

الممسوحة ضوئياً بـ CamScanner

IDENTIFY EVERY ELEMENT ON DRAWINGS



|          |            |
|----------|------------|
| DATE     | 11/11/2023 |
| TIME     | 10:00 AM   |
| LOCATION | ...        |
| PROJECT  | ...        |
| DESIGNER | ...        |
| CHECKED  | ...        |
| APPROVED | ...        |



100%  
100%  
100%

| NO. | DESCRIPTION | UNIT | QTY | AMOUNT |
|-----|-------------|------|-----|--------|
| 1   | ...         | ...  | ... | ...    |
| 2   | ...         | ...  | ... | ...    |
| 3   | ...         | ...  | ... | ...    |
| 4   | ...         | ...  | ... | ...    |
| 5   | ...         | ...  | ... | ...    |

100%  
100%  
100%

100%  
100%  
100%

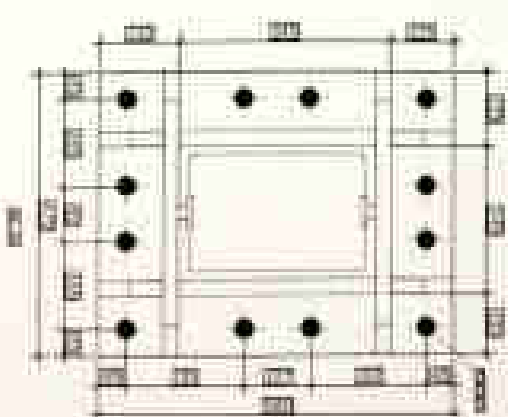
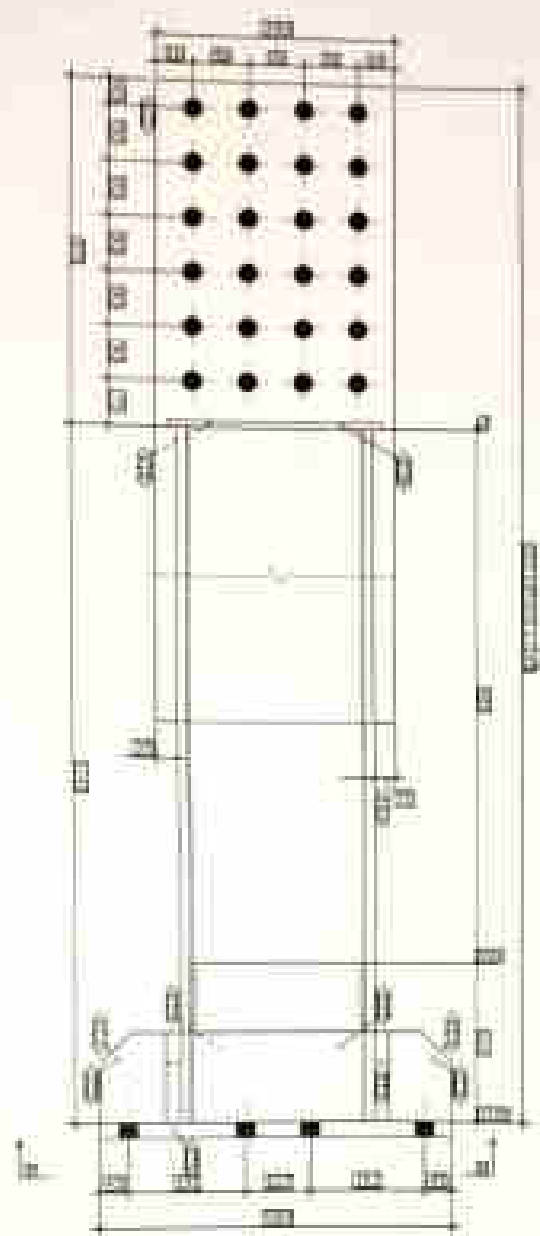
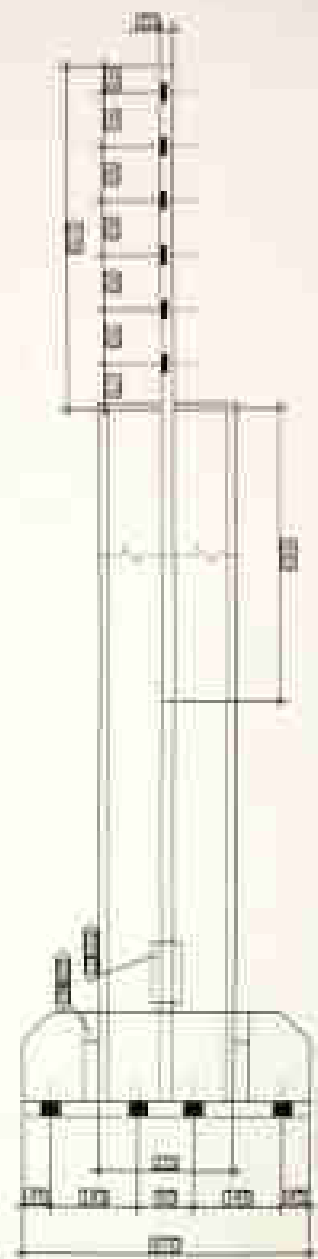
100%  
100%  
100%

| NO. | DESCRIPTION | UNIT | QTY | AMOUNT |
|-----|-------------|------|-----|--------|
| 1   | ...         | ...  | ... | ...    |
| 2   | ...         | ...  | ... | ...    |
| 3   | ...         | ...  | ... | ...    |
| 4   | ...         | ...  | ... | ...    |
| 5   | ...         | ...  | ... | ...    |

100%  
100%  
100%

100%  
100%  
100%

IDENTIFY EVERY ELEMENT ON DRAWINGS



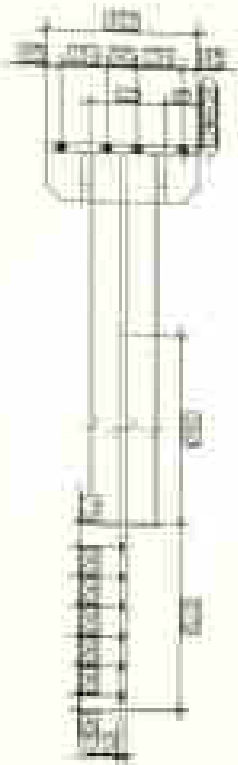
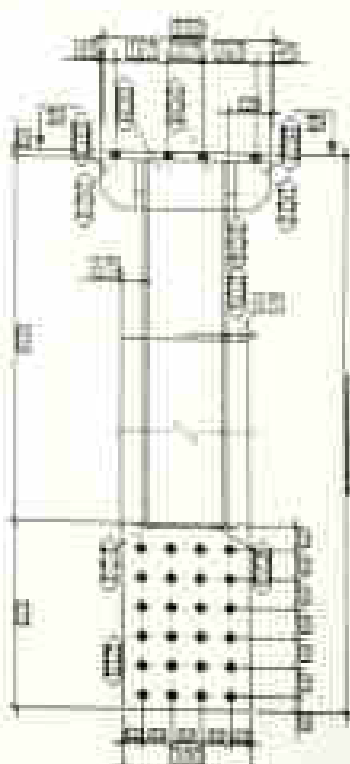
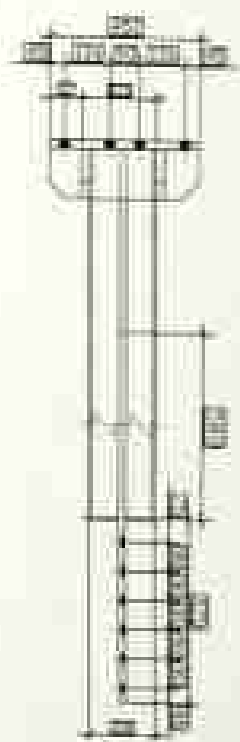
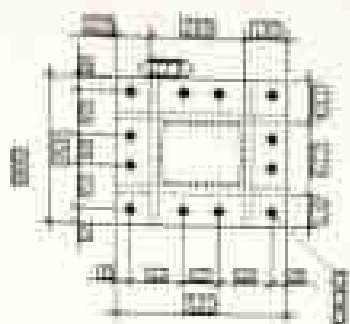
|                     |  |
|---------------------|--|
| Project Name        |  |
| Client Name         |  |
| Project Address     |  |
| Project Description |  |
| Project Status      |  |

|                 |        |
|-----------------|--------|
| Company Name    | Energy |
| Company Address |        |
| Company Phone   |        |
| Company Email   |        |

|              |                 |                     |                |
|--------------|-----------------|---------------------|----------------|
| Project Name | Project Address | Project Description | Project Status |
| Project Name | Project Address | Project Description | Project Status |
| Project Name | Project Address | Project Description | Project Status |
| Project Name | Project Address | Project Description | Project Status |

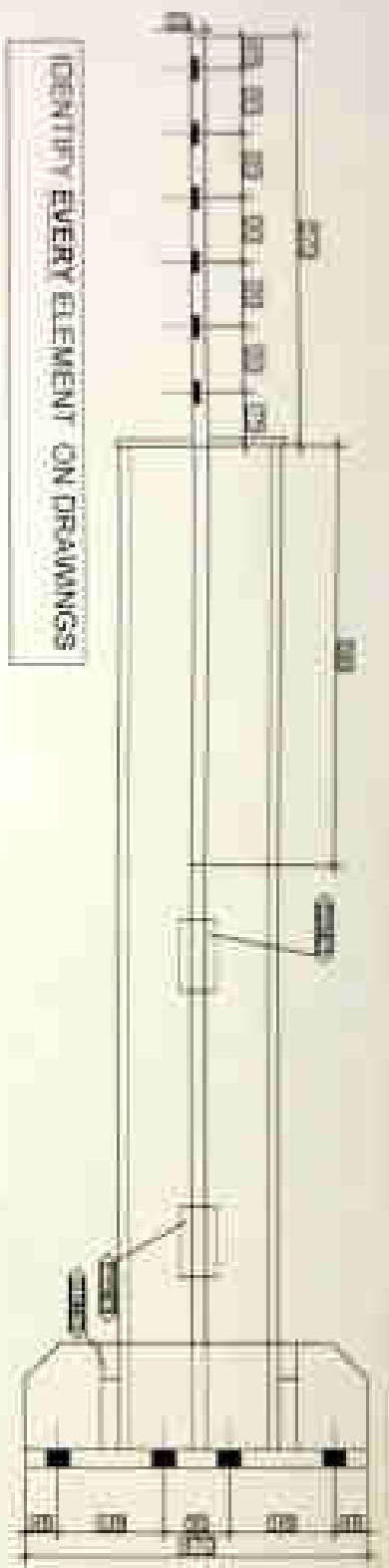


# IDENTIFY EVERY ELEMENT ON DRAWINGS

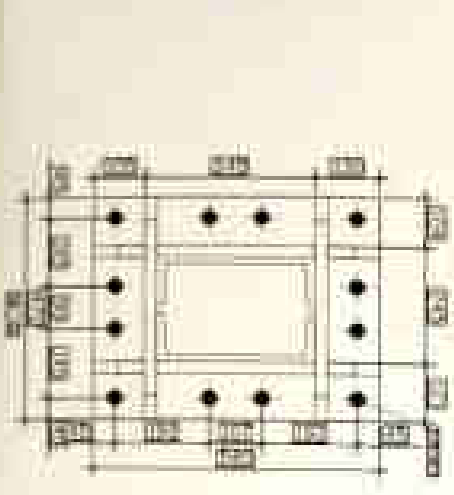
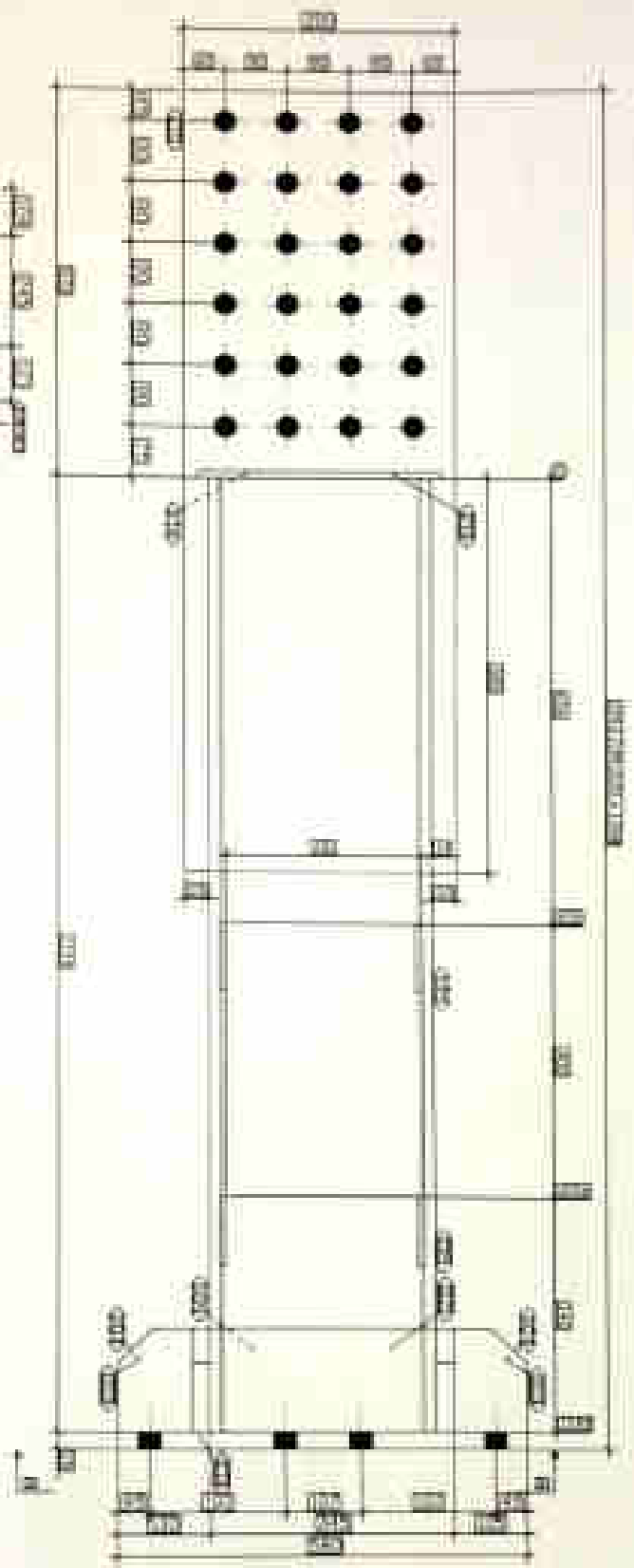


|                |               |
|----------------|---------------|
| Project Name   | Project No.   |
| Client Name    | Client No.    |
| Architect Name | Architect No. |
| Engineer Name  | Engineer No.  |
| Checker Name   | Checker No.   |
| Scale          | Scale         |
| Sheet No.      | Sheet No.     |
| Drawn By       | Drawn By      |
| Checked By     | Checked By    |
| Approved By    | Approved By   |





IDENTIFY EVERY ELEMENT ON DRAWINGS



|                 |  |
|-----------------|--|
| Project Name    |  |
| Client Name     |  |
| Project Address |  |
| Project Date    |  |



SHEET NO. 10/11

DATE: 10/11/2023

BY: [Signature]

PROJECT: [Project Name]

LOCATION: [Location]

SCALE: 1/20

DATE: 10/11/2023

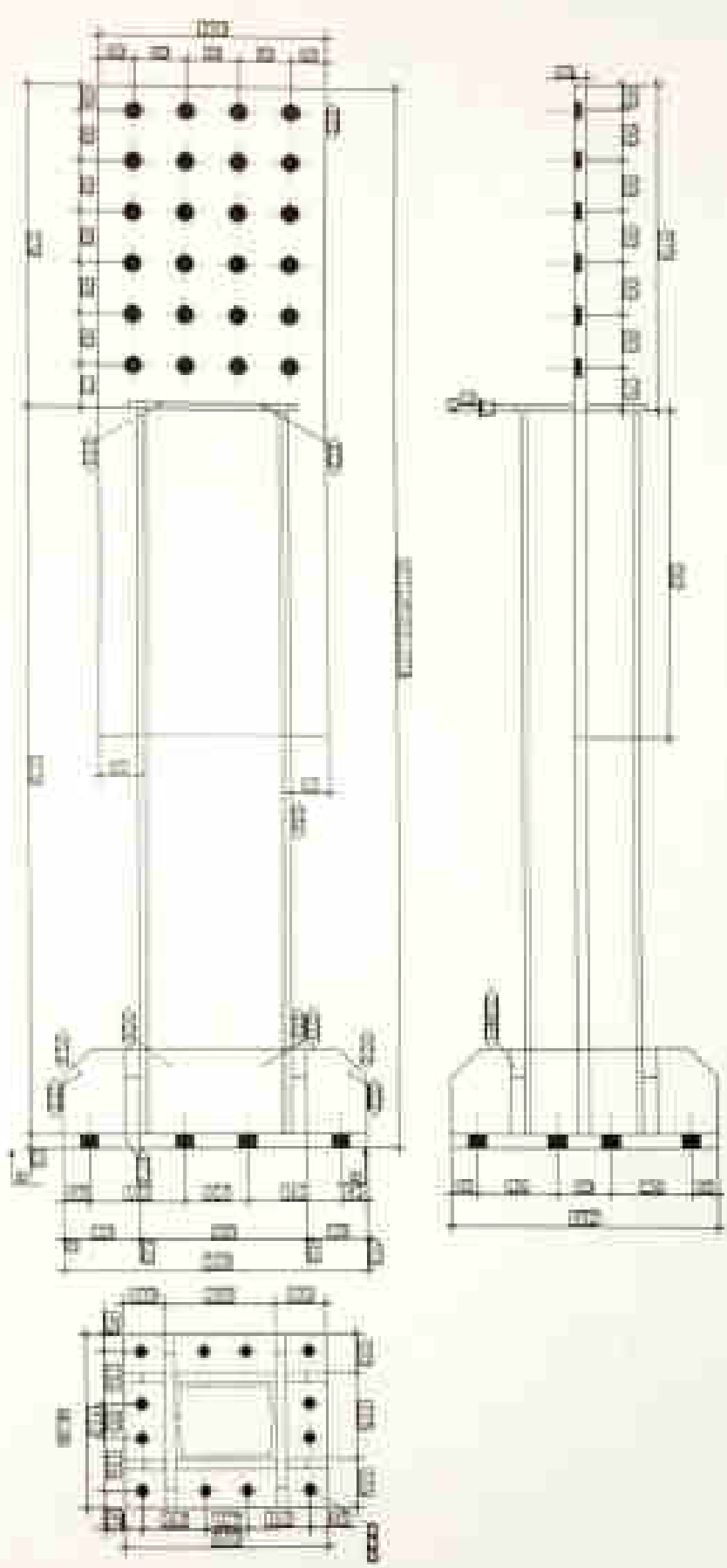
REVISIONS:

| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
| 1   |             |      |
| 2   |             |      |

APPROVED BY: [Signature]

DATE: 10/11/2023

IDENTIFY EVERY ELEMENT ON DRAWINGS



|                |               |
|----------------|---------------|
| Project Name   | Project No.   |
| Client Name    | Client No.    |
| Architect Name | Architect No. |
| Engineer Name  | Engineer No.  |
| Surveyor Name  | Surveyor No.  |
| Inspector Name | Inspector No. |
| Checker Name   | Checker No.   |
| Approver Name  | Approver No.  |

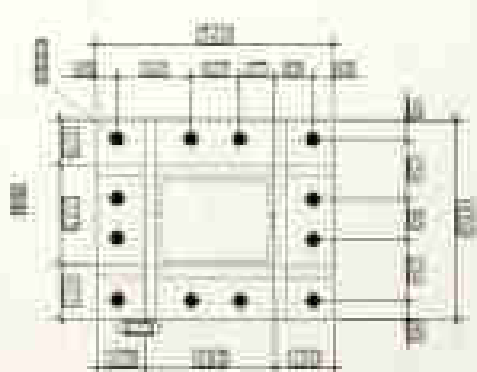
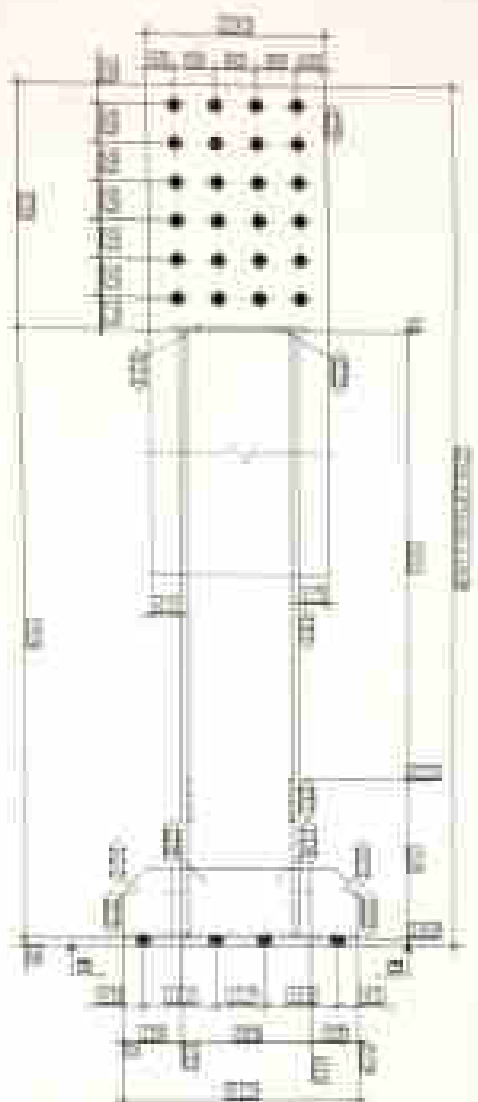
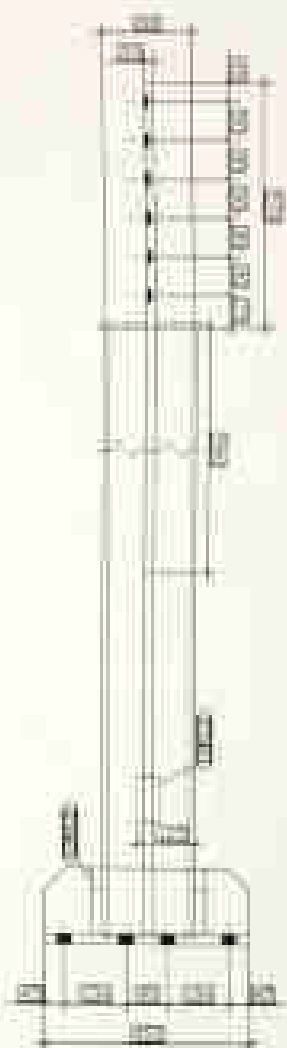


REINFORCEMENT NO. 1 (mm)

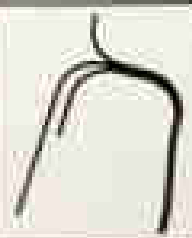
REINFORCEMENT NO. 2 (mm)

|   |   |   |   |   |   |   |   |   |   |                                 |                                 |
|---|---|---|---|---|---|---|---|---|---|---------------------------------|---------------------------------|
|   | <table border="1"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>5</td> <td>6</td> <td>7</td> <td>8</td> </tr> </table> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | <p>REINFORCEMENT NO. 3 (mm)</p> | <p>REINFORCEMENT NO. 4 (mm)</p> |
| 1 | 2   | 3 | 4 |   |   |   |   |   |   |                                 |                                 |
| 5 | 6   | 7 | 8 |   |   |   |   |   |   |                                 |                                 |

IDENTIFY EVERY ELEMENT IN DRAWINGS



|       |      |
|-------|------|
| NAME  | DATE |
| SCORE |      |



| TABLE 1 |             |
|---------|-------------|
| NO.     | DESCRIPTION |
| 1       | ...         |
| 2       | ...         |
| 3       | ...         |
| 4       | ...         |

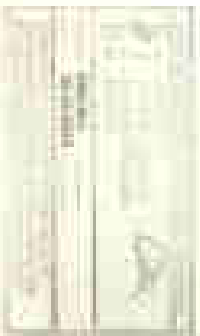
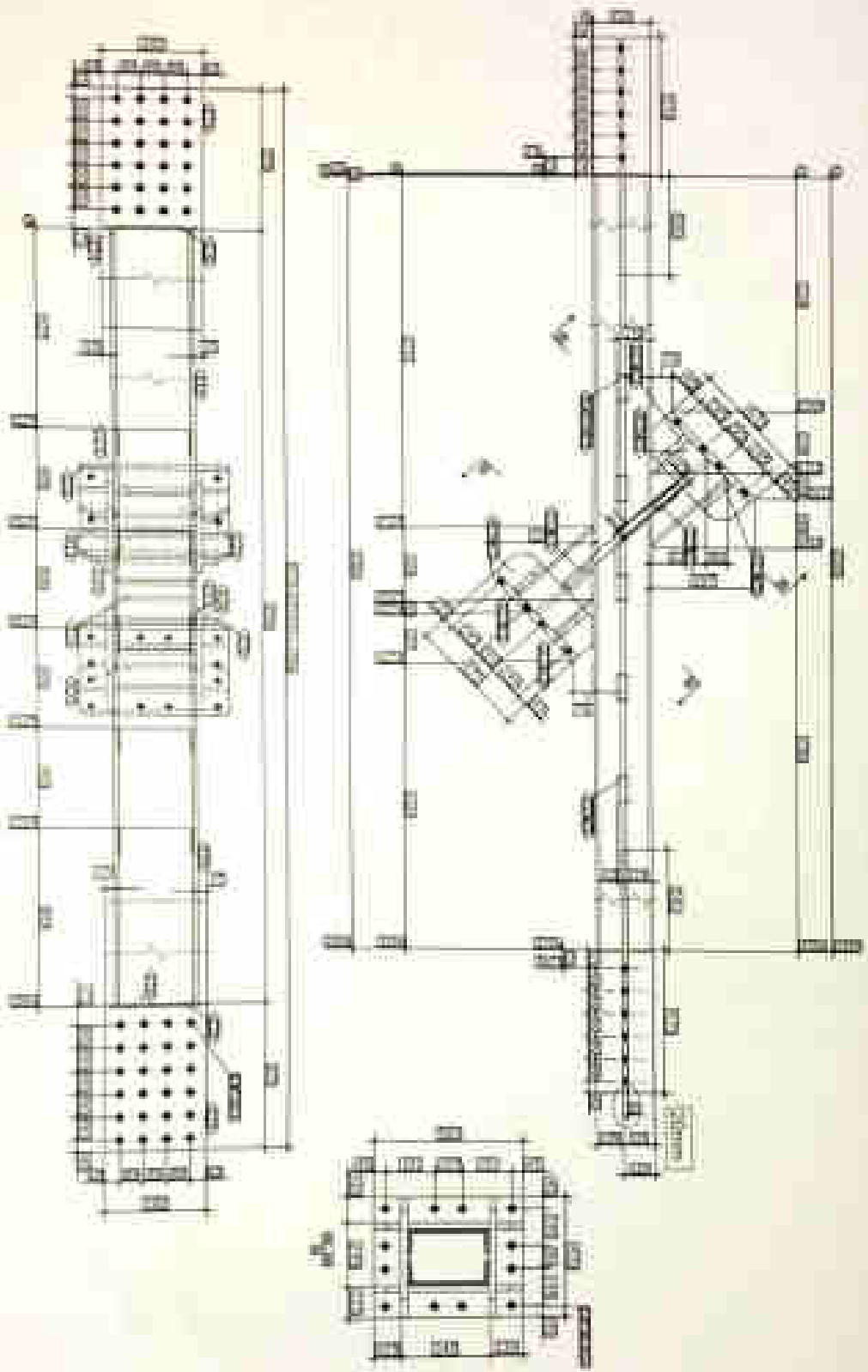
| TABLE 2 |             |
|---------|-------------|
| NO.     | DESCRIPTION |
| 1       | ...         |
| 2       | ...         |
| 3       | ...         |
| 4       | ...         |

...  
...  
...  
...  
...

**energy**  
...  
...  
...

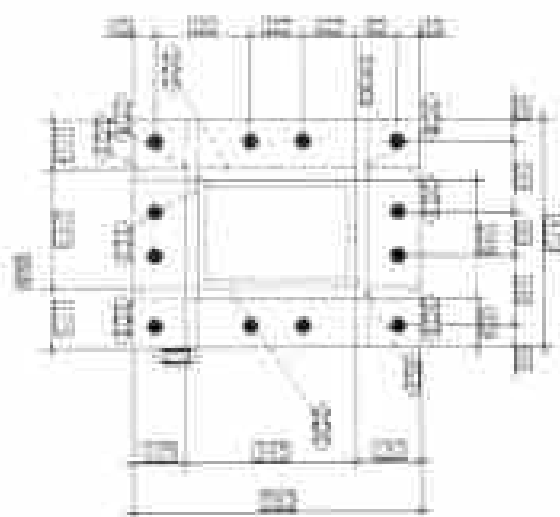
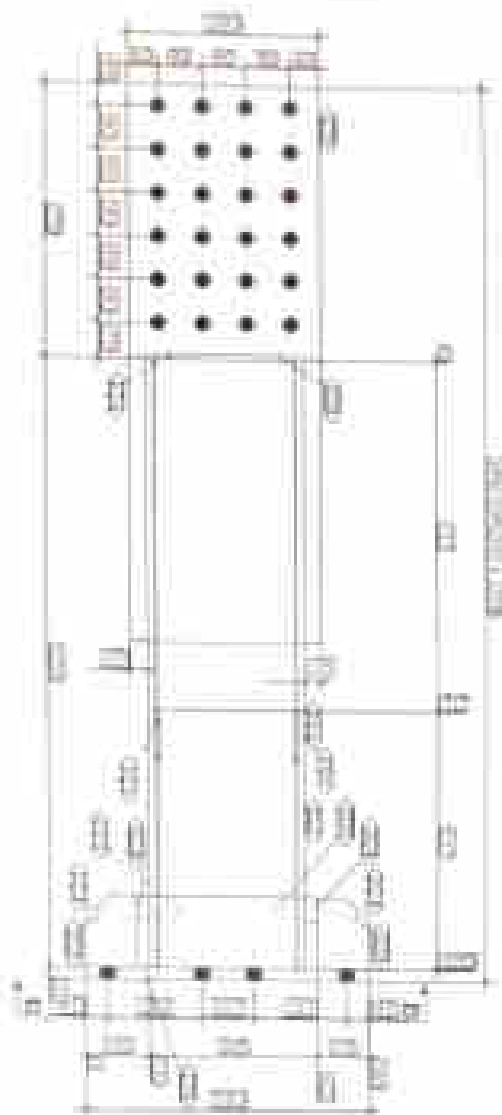
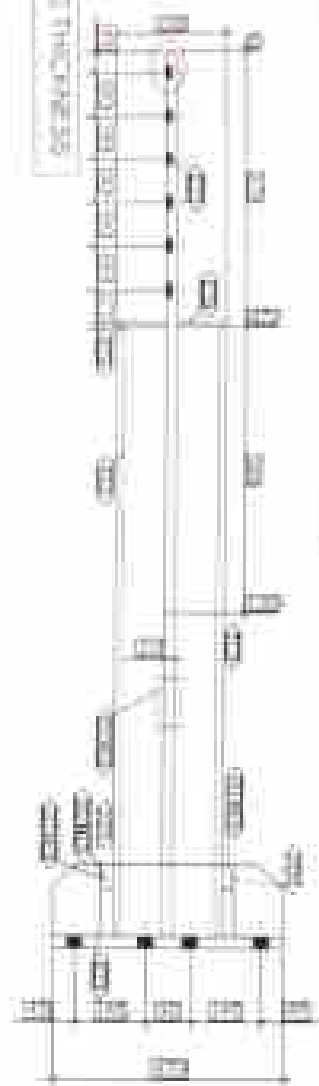
|       |      |
|-------|------|
| NAME  | DATE |
| SCORE |      |

IDENTIFY EVERY ELEMENT ON DRAWINGS



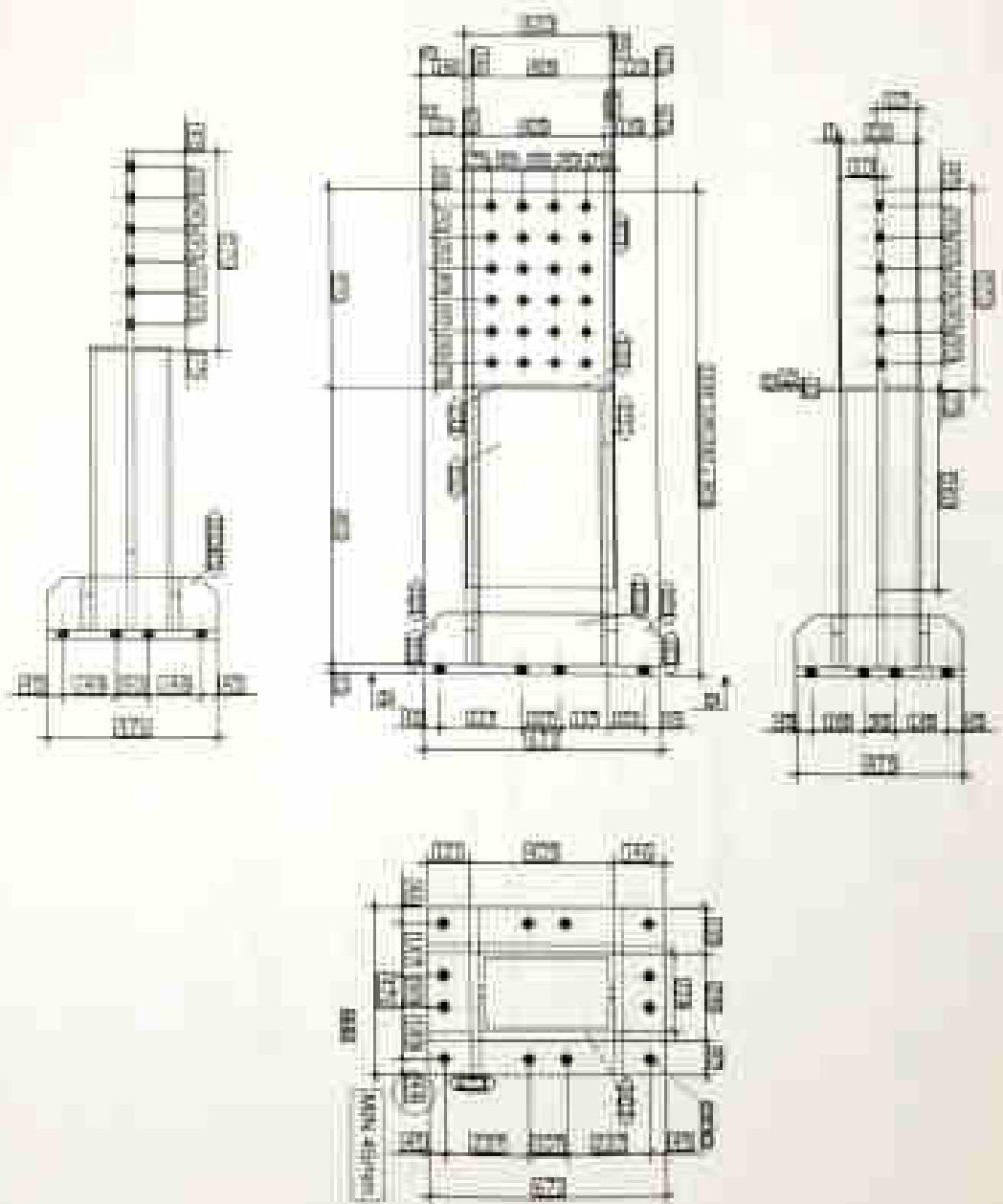
|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| <p>Energy SOLUTIONS</p> <p>1000 110 14000</p> <p>1000 110 14000</p> | <p>1000 110 14000</p> <p>1000 110 14000</p> | <p>1000 110 14000</p> <p>1000 110 14000</p> | <p>1000 110 14000</p> <p>1000 110 14000</p> | <p>1000 110 14000</p> <p>1000 110 14000</p> | <p>1000 110 14000</p> <p>1000 110 14000</p> | <p>1000 110 14000</p> <p>1000 110 14000</p> |
|---|---|---|---|---|---|---|

## IDENTIFY KEY ELEMENT ON DRAINAGE





IDENTIFY EVERY ELEMENT ON DRAWINGS



|          |  |
|----------|--|
| DATE     |  |
| BY       |  |
| CHECKED  |  |
| APPROVED |  |



CONTACT  
011-23456789  
011-23456789

Project Name: [Blank]

Client: [Blank]

Location: [Blank]

Scale: 1:100

Sheet No: [Blank]

Drawn by: [Blank]

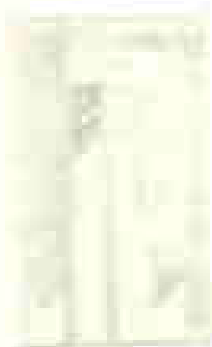
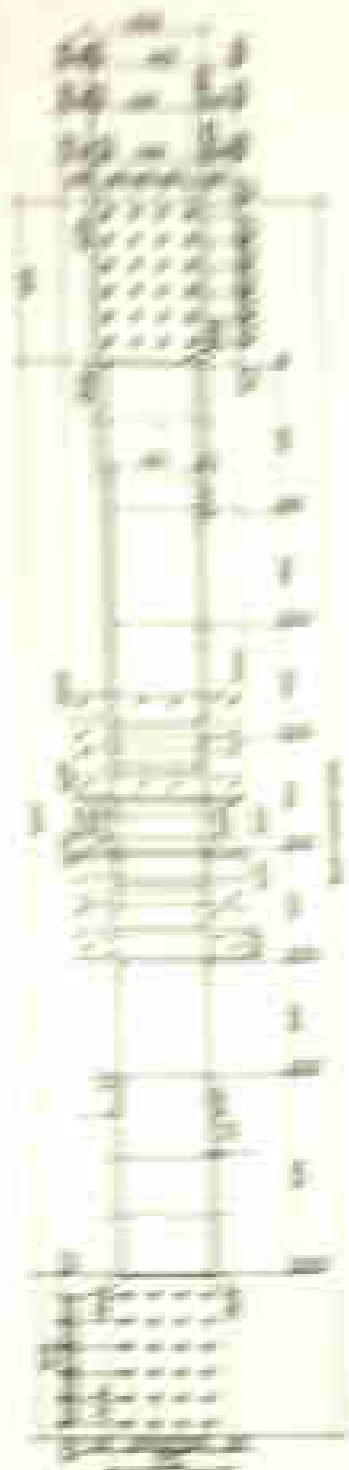
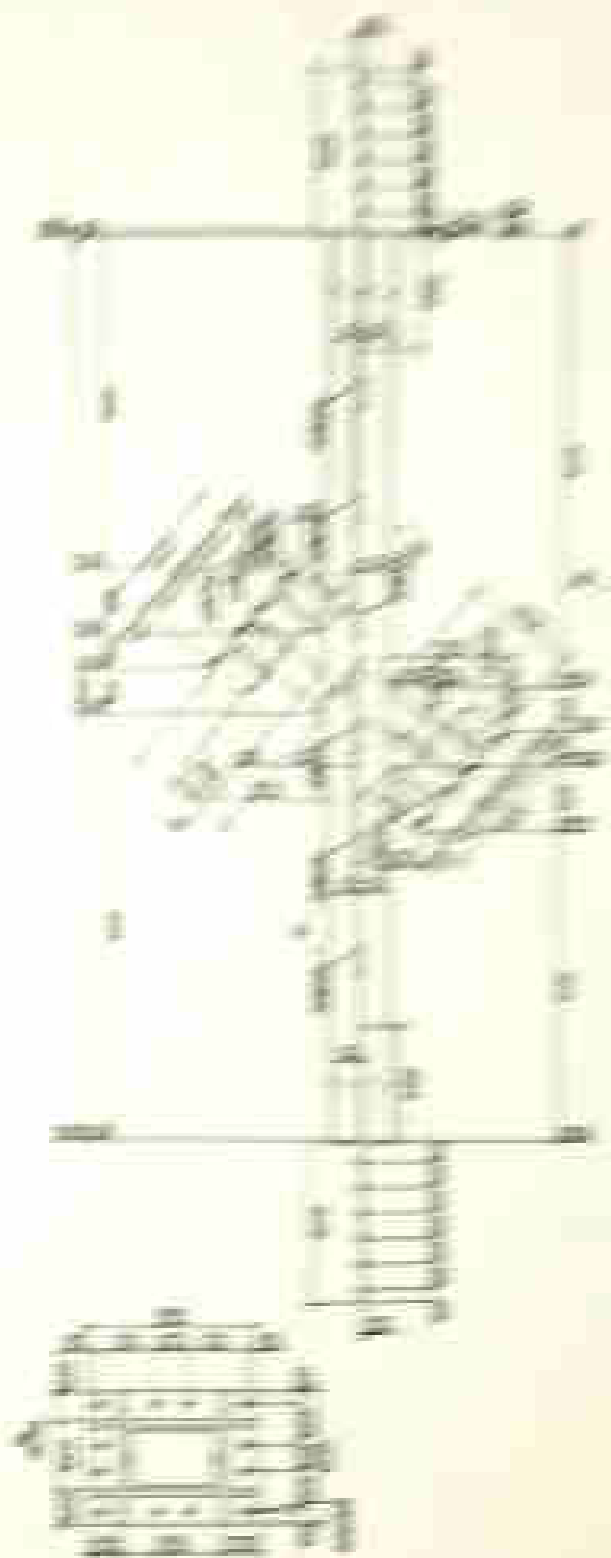
Checked by: [Blank]

Approved by: [Blank]

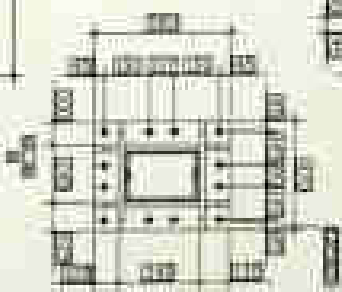
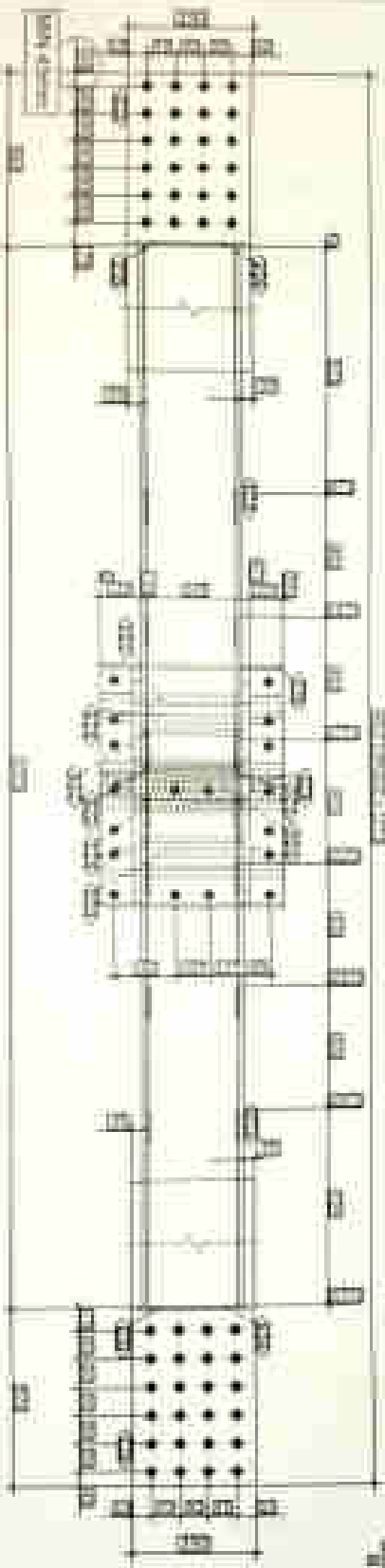
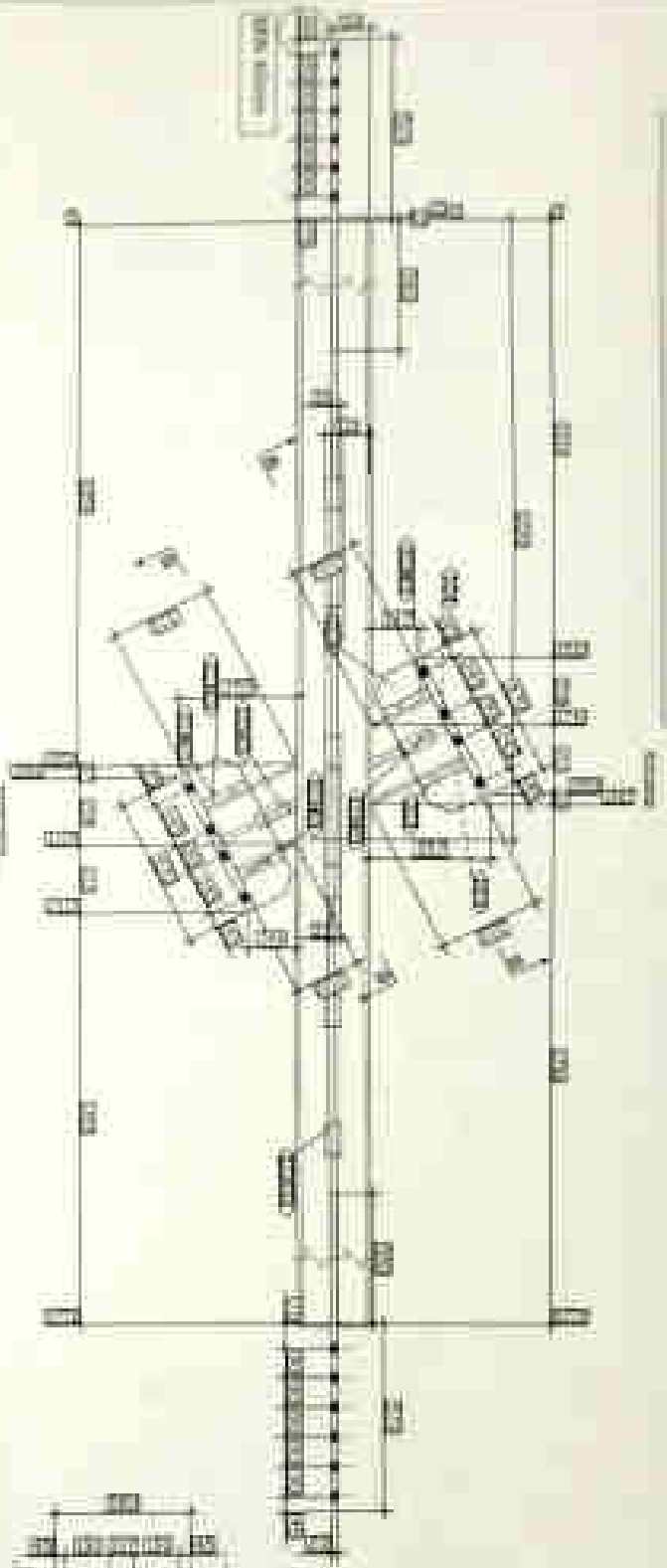
Date: [Blank]



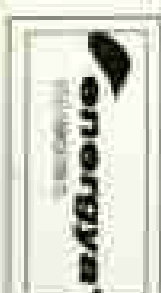




# IDENTIFY EVERY ELEMENT ON DRAWINGS



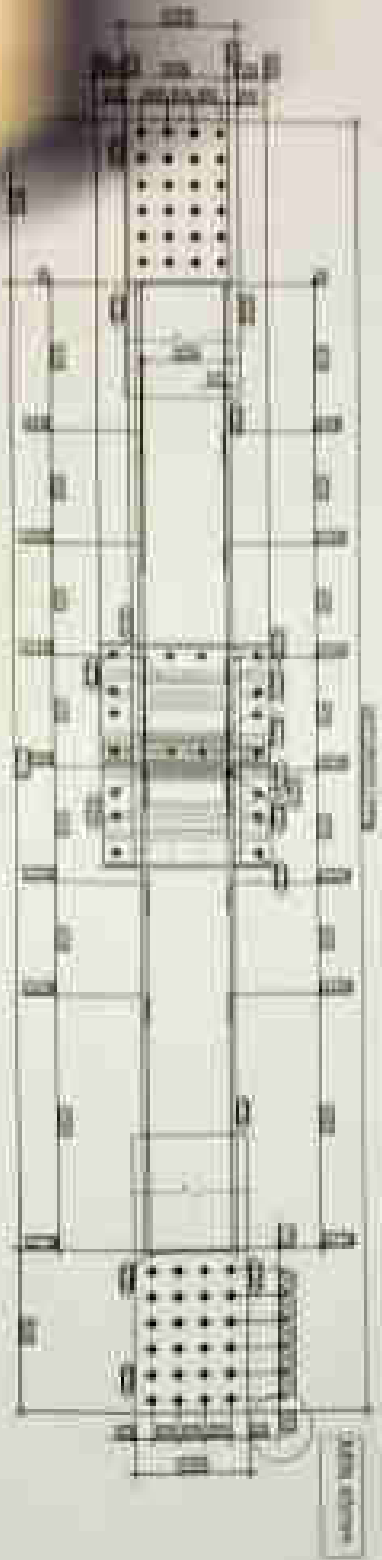
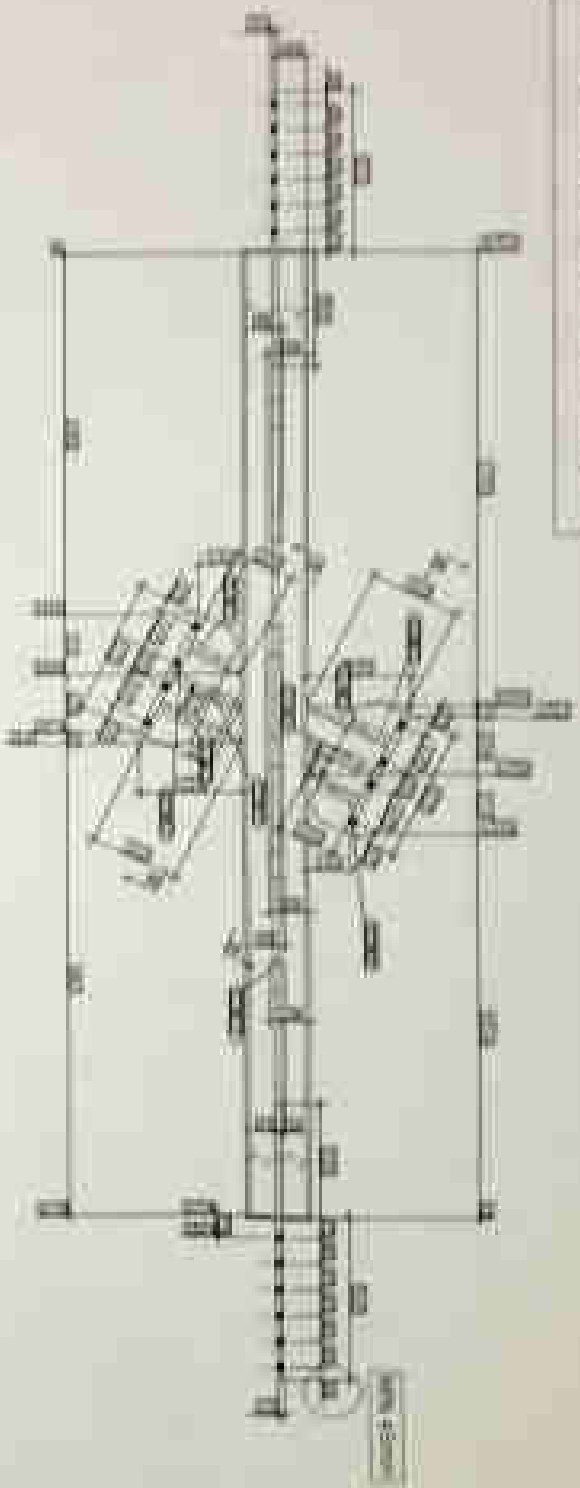
|                          |                         |
|--------------------------|-------------------------|
| Project Name             | Project No.             |
| Client Name              | Client No.              |
| Architect Name           | Architect No.           |
| Engineer Name            | Engineer No.            |
| Structural Engineer Name | Structural Engineer No. |
| Scale                    | 1:100                   |



Project No. 001/2024  
Date: 01/01/2024

|  |  |   |  |   |
|--|--|---|--|---|
| <p>Project Name: [Blank]</p> <p>Client Name: [Blank]</p> <p>Architect Name: [Blank]</p> <p>Engineer Name: [Blank]</p> <p>Structural Engineer Name: [Blank]</p> <p>Scale: 1:100</p> |  | <p>Project No. 001/2024</p> <p>Date: 01/01/2024</p> | <p>Project Name: [Blank]</p> <p>Client Name: [Blank]</p> <p>Architect Name: [Blank]</p> <p>Engineer Name: [Blank]</p> <p>Structural Engineer Name: [Blank]</p> <p>Scale: 1:100</p> | <p>Project No. 001/2024</p> <p>Date: 01/01/2024</p> |
|--|--|---|--|---|

# IDENTIFY EVERY ELEMENT IN DRAWINGS



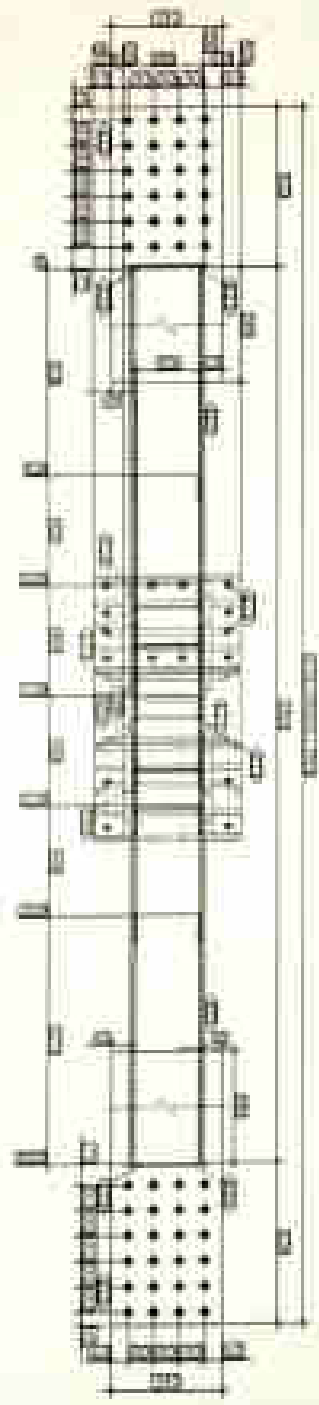
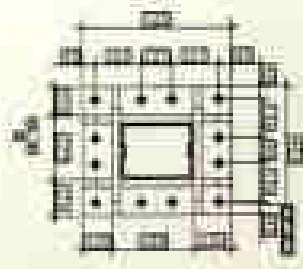
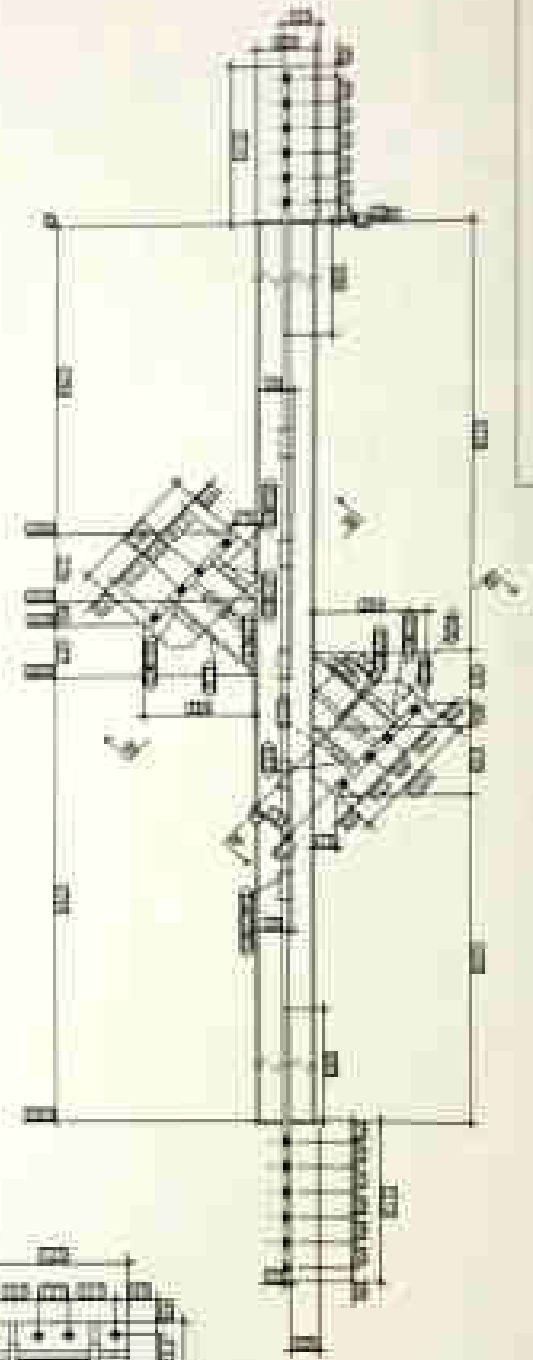
|      |      |
|------|------|
| NAME | DATE |
|      |      |



100

|      |      |
|------|------|
| NAME | DATE |
|      |      |

# IDENTIFY EVERY ELEMENT ON DRAWINGS



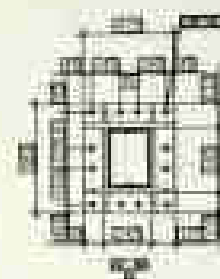
|          |          |
|----------|----------|
| DATE     | 1/1/2020 |
| DESIGNER | ...      |
| CHECKED  | ...      |
| APPROVED | ...      |



Page 10 of 10


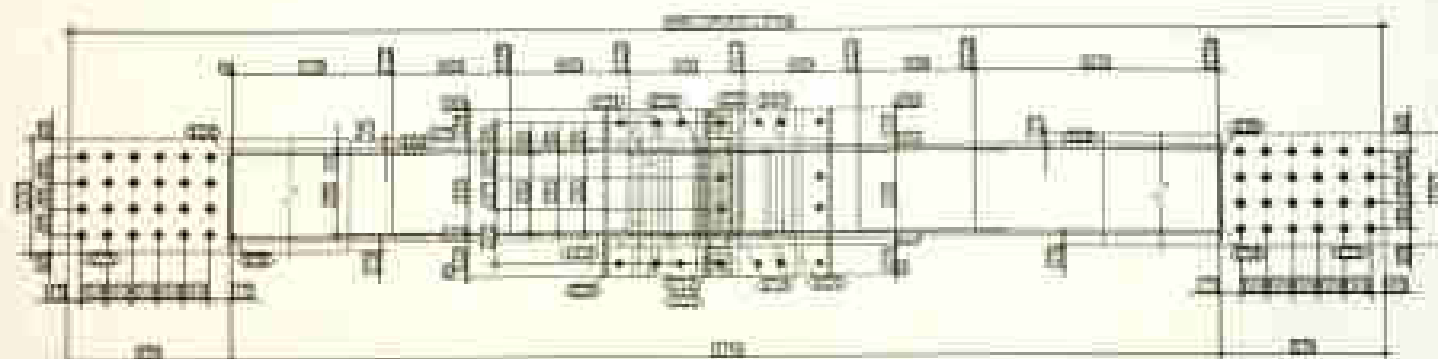
Handwritten signature

|    |    |    |    |
|----|----|----|----|
| 1  | 2  | 3  | 4  |
| 5  | 6  | 7  | 8  |
| 9  | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |

[illegible]

| Number | Sketch | Equation        |
|--------|--------|-----------------|
| 1      |        | $y = 2x + 3$    |
| 2      |        | $y = -x + 4$    |
| 3      |        | $y = 5$         |
| 4      |        | $x = -2$        |
| 5      |        | $y = x^2 + 1$   |
| 6      |        | $y = -x^2 + 2$  |
| 7      |        | $y = x^3 - 1$   |
| 8      |        | $y = \sqrt{x}$  |
| 9      |        | $y = 2^x$       |
| 10     |        | $y = \log_2(x)$ |

| Company |      |      |      |
|---------|------|------|------|
| 1999    | 2000 | 2001 | 2002 |
| 1000    | 1200 | 1400 | 1600 |



11-10-2004

1997

[illegible]

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

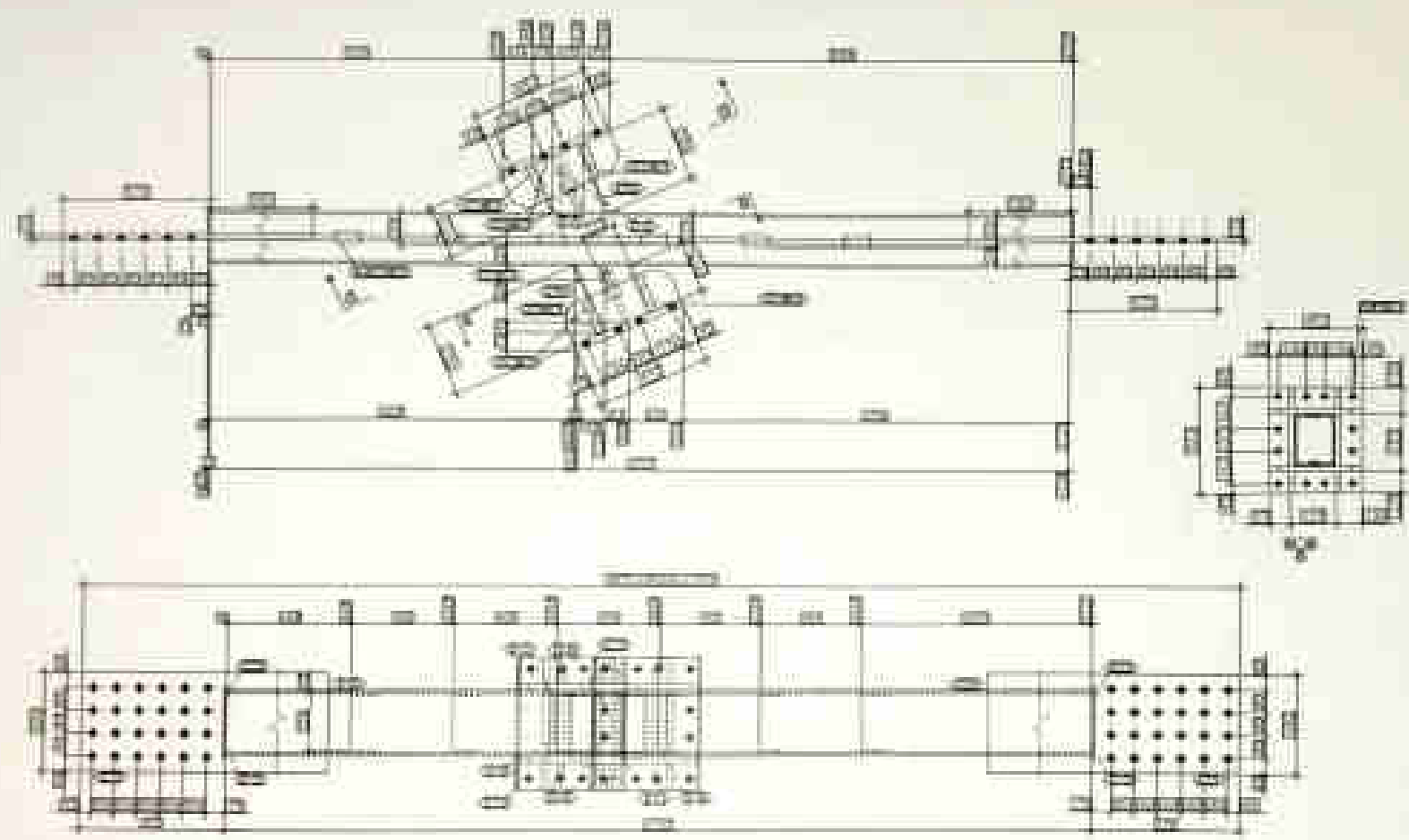


| UNIT 11 |         |         |
|---------|---------|---------|
| UNIT 11 |         |         |
| Unit 11 | Unit 11 | Unit 11 |
| Unit 11 | Unit 11 | Unit 11 |
| Unit 11 | Unit 11 | Unit 11 |





IDENTIFY EVERY ELEMENT ON DRAWINGS



1. The drawing is a floor plan of a building. It shows the overall layout of the building, including the walls, doors, and windows. The drawing is oriented with the north arrow pointing towards the top right.

2. The drawing is a cross-section of the building. It shows the internal structure of the building, including the floor, walls, and roof. The drawing is oriented with the north arrow pointing towards the top right.

| Room   | Area               | Volume              |
|--------|--------------------|---------------------|
| Room 1 | 100 m <sup>2</sup> | 1000 m <sup>3</sup> |
| Room 2 | 200 m <sup>2</sup> | 2000 m <sup>3</sup> |
| Room 3 | 300 m <sup>2</sup> | 3000 m <sup>3</sup> |
| Room 4 | 400 m <sup>2</sup> | 4000 m <sup>3</sup> |



| Room   | Area               | Volume              |
|--------|--------------------|---------------------|
| Room 1 | 100 m <sup>2</sup> | 1000 m <sup>3</sup> |
| Room 2 | 200 m <sup>2</sup> | 2000 m <sup>3</sup> |
| Room 3 | 300 m <sup>2</sup> | 3000 m <sup>3</sup> |
| Room 4 | 400 m <sup>2</sup> | 4000 m <sup>3</sup> |

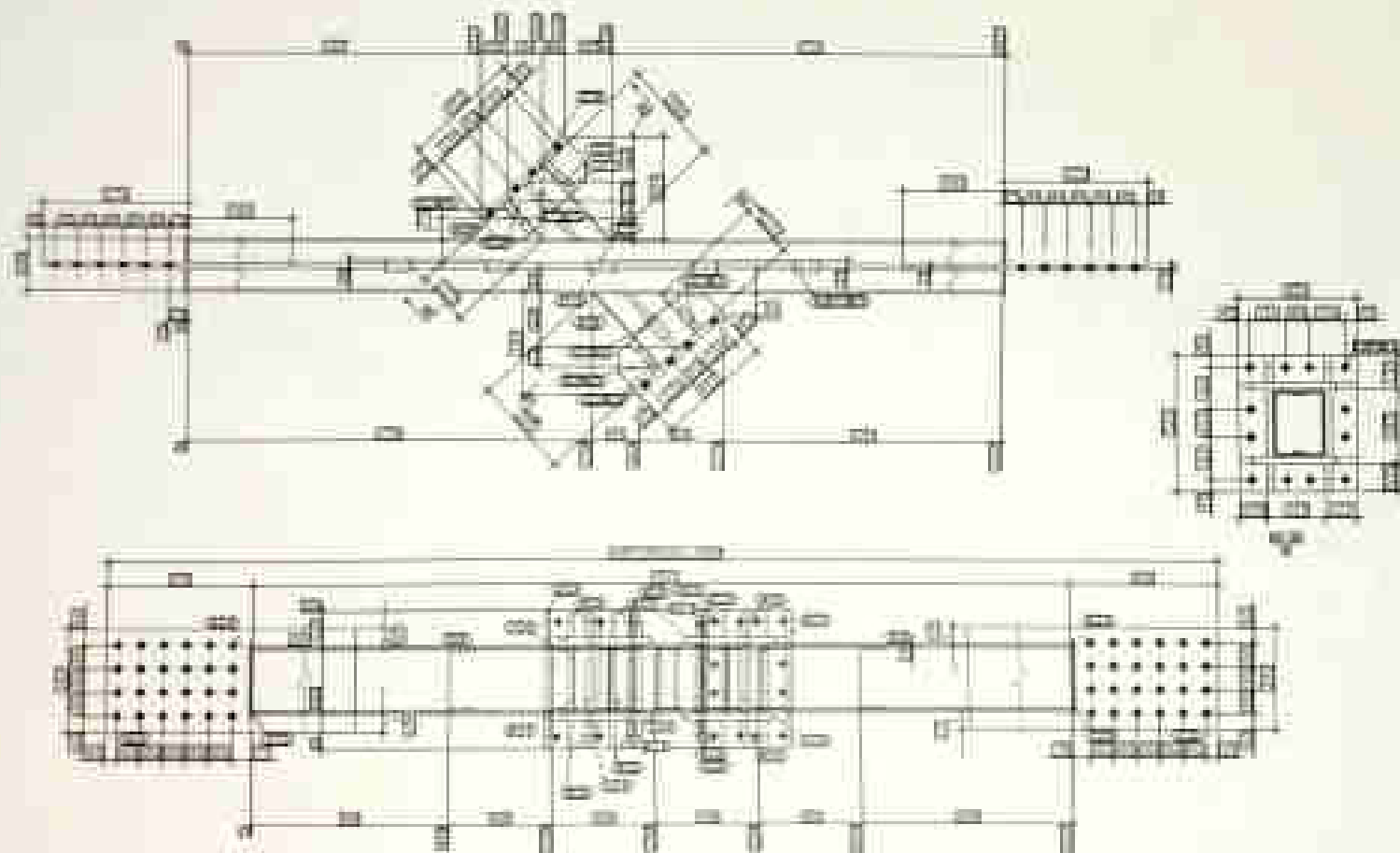


| Room   | Area               | Volume              |
|--------|--------------------|---------------------|
| Room 1 | 100 m <sup>2</sup> | 1000 m <sup>3</sup> |
| Room 2 | 200 m <sup>2</sup> | 2000 m <sup>3</sup> |
| Room 3 | 300 m <sup>2</sup> | 3000 m <sup>3</sup> |
| Room 4 | 400 m <sup>2</sup> | 4000 m <sup>3</sup> |



100% RENEWABLE

IDENTIFY EVERY ELEMENT ON DRAWINGS



1. The drawing is a floor plan of a building. It shows the layout of the rooms, corridors, and other spaces. The drawing is oriented with the main entrance at the top.

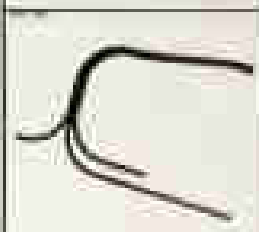
2. The drawing is a section view of the building. It shows the internal structure, including the roof, walls, and floor. The section is taken along the line A-A.

Legend

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20.

|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |



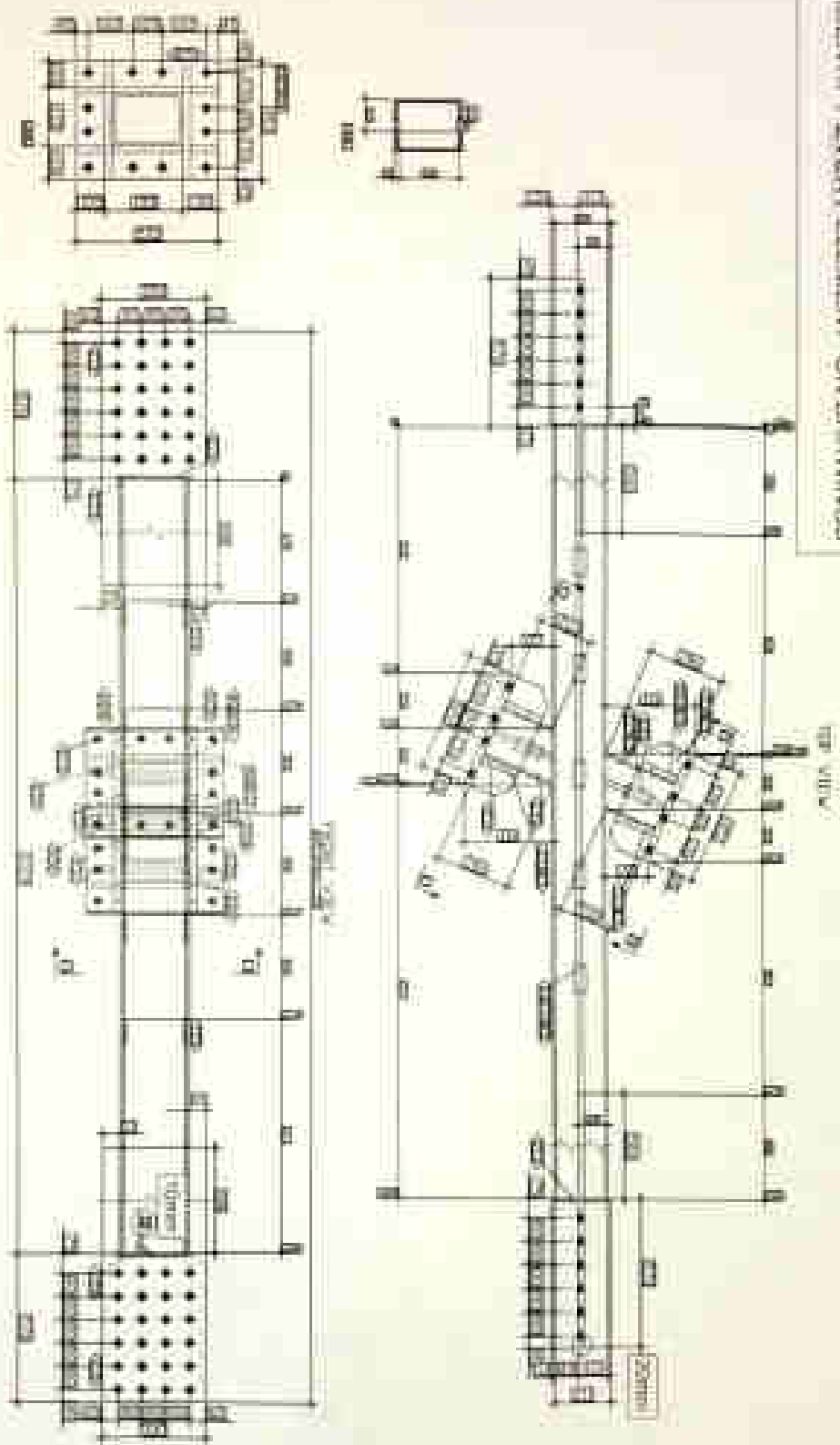
|                  |        |
|------------------|--------|
| Project Name     | 100000 |
| Client Name      | 100000 |
| Project Location | 100000 |
| Project Date     | 100000 |
| Project Status   | 100000 |
| Project Manager  | 100000 |
| Project Engineer | 100000 |
| Project Designer | 100000 |
| Project Checker  | 100000 |
| Project Approver | 100000 |



100000



# IDENTIFY EVERY ELEMENT ON DRAWINGS



|                  |  |
|------------------|--|
| Project Name     |  |
| Project No.      |  |
| Project Date     |  |
| Project Location |  |
| Project Status   |  |

1/1

**Energy**  
CONSULTANTS

PAGE NO.  
1/1

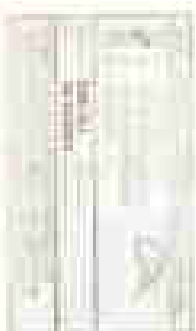
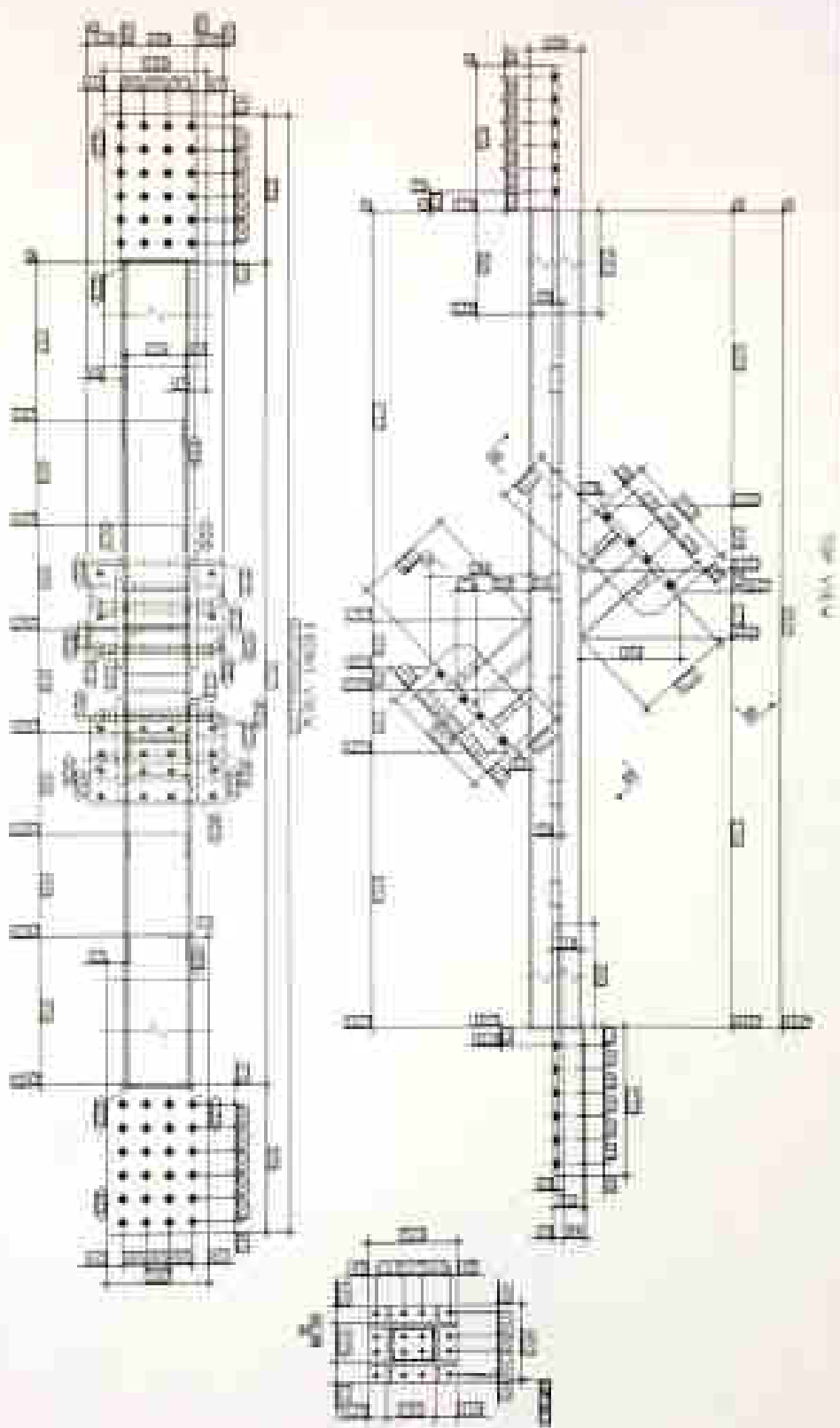
*[Handwritten signature]*

| NO. | REVISION | DATE |
|-----|----------|------|
| 1   |          |      |
| 2   |          |      |
| 3   |          |      |
| 4   |          |      |

| NO. | REVISION | DATE |
|-----|----------|------|
| 1   |          |      |
| 2   |          |      |
| 3   |          |      |
| 4   |          |      |

1/1

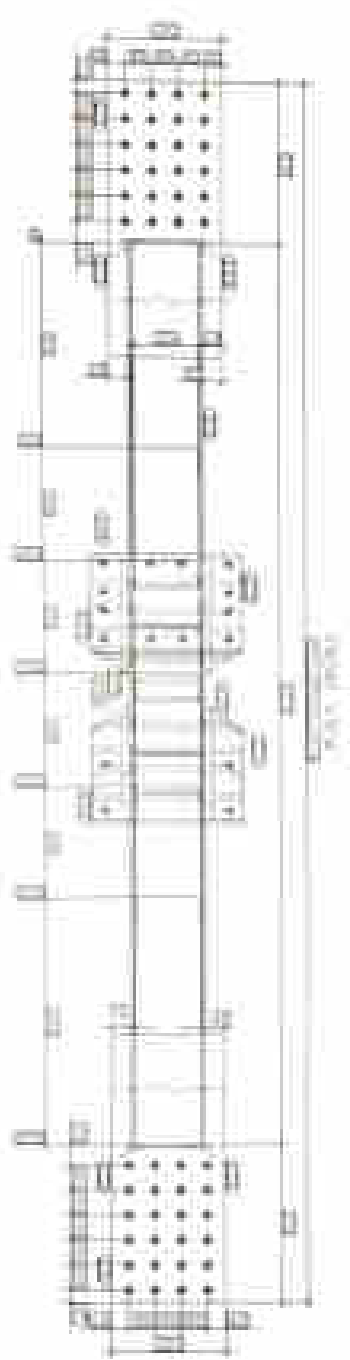
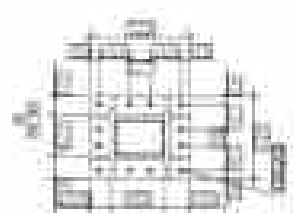
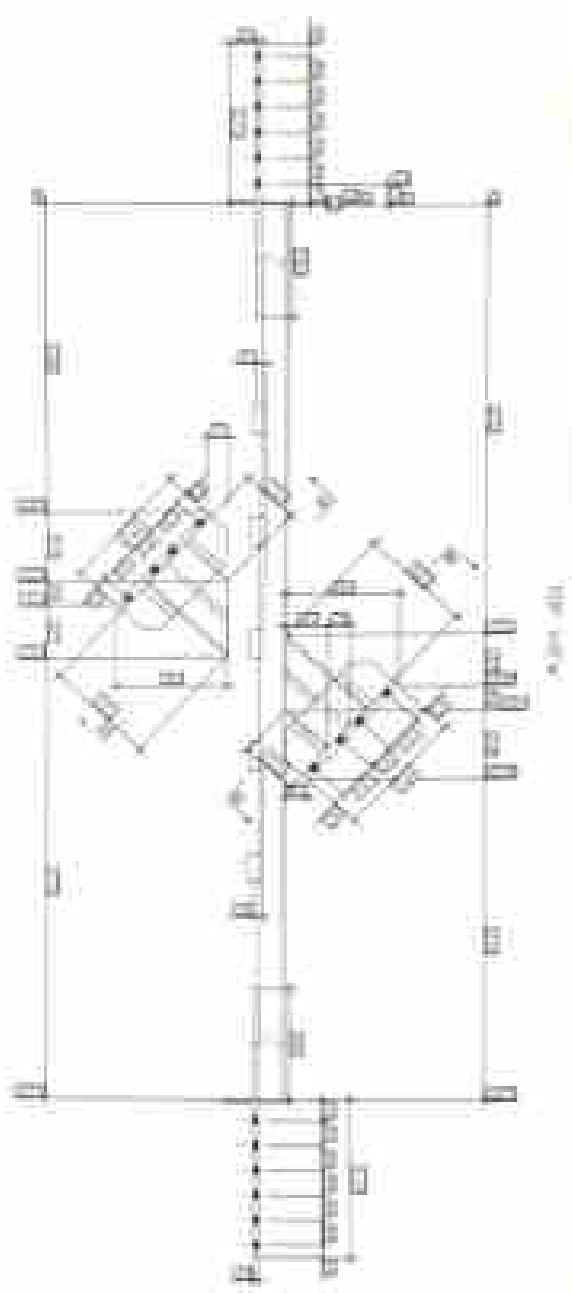
IDENTIFY EVERY ELEMENT ON DRAWINGS



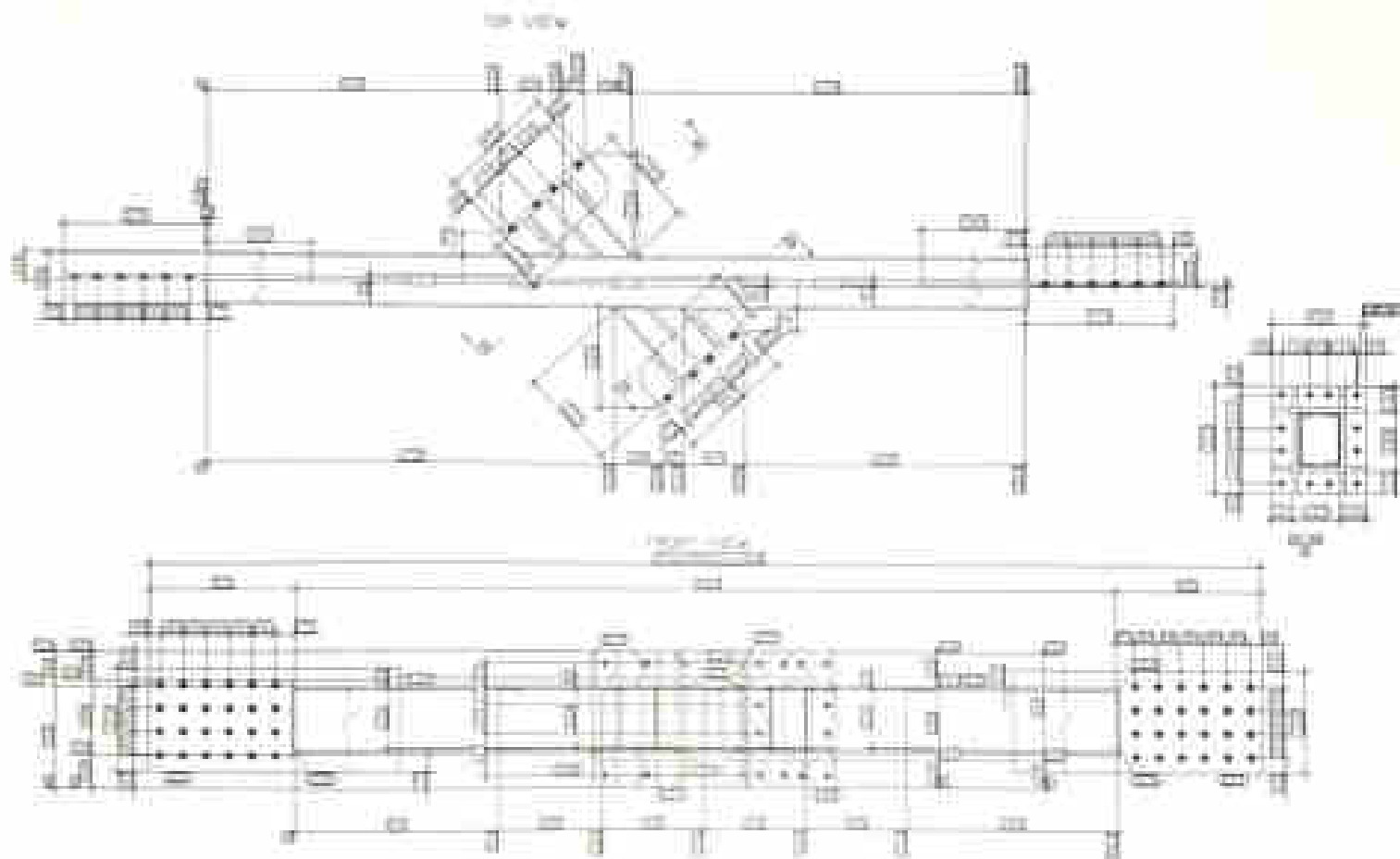
10/10/2020  
10/10/2020

|                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| <p>10/10/2020</p> | <p>10/10/2020</p> | <p>10/10/2020</p> | <p>10/10/2020</p> | <p>10/10/2020</p> | <p>10/10/2020</p> | <p>10/10/2020</p> | <p>10/10/2020</p> | <p>10/10/2020</p> | <p>10/10/2020</p> |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|

## IDENTIFY EVERY ELEMENT ON ORGANIZING



## IDENTIFY EVERY ELEMENT ON DRAWINGS



**Abstract**—The purpose of this study was to determine the effect of a 10-week, 1000 kcal energy deficit diet on the body composition and physical fitness of obese women. The study was conducted in a laboratory setting. The subjects were 10 obese women (mean age 45.5 years, mean BMI 35.5 kg/m<sup>2</sup>). The subjects were divided into two groups: a control group and an experimental group. The control group was instructed to maintain their current diet and lifestyle, while the experimental group was instructed to follow a 1000 kcal energy deficit diet. The subjects were assessed at baseline and at 10 weeks. The assessments included body composition (body weight, body fat percentage, lean body mass) and physical fitness (maximal oxygen consumption, maximal heart rate, maximal power output). The results showed that the experimental group had a significant decrease in body weight, body fat percentage, and lean body mass compared to the control group. The experimental group also had a significant increase in maximal oxygen consumption, maximal heart rate, and maximal power output compared to the control group. The results suggest that a 10-week, 1000 kcal energy deficit diet can improve body composition and physical fitness in obese women.

[illegible]

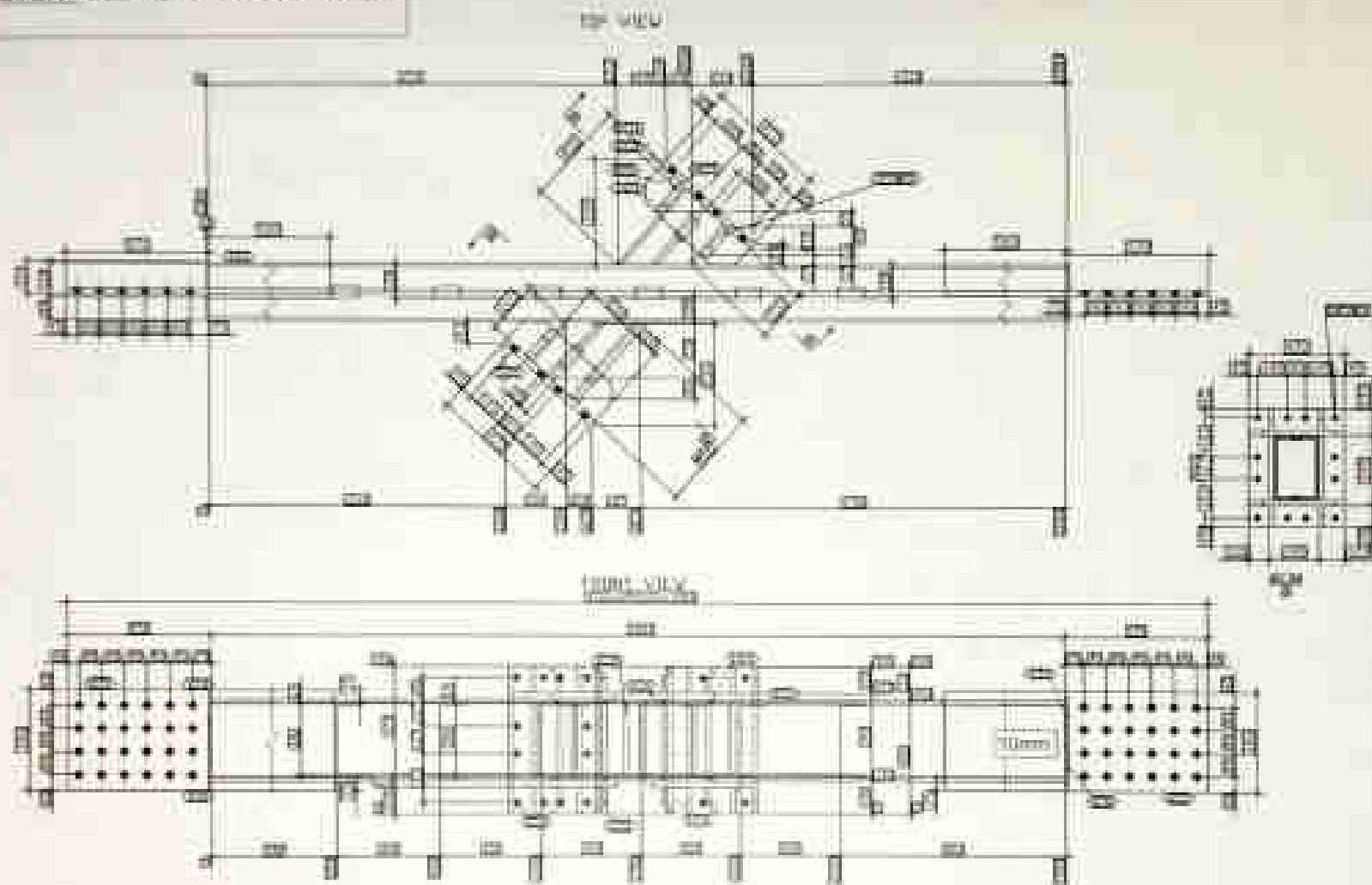
|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |

[illegible][illegible]

1000



## IDENTIFY EVERY ELEMENT ON DRAWINGS



**Multiple Choice**

1.  The first of the three main types of the \_\_\_\_\_ is the \_\_\_\_\_.

2.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

3.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

4.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

5.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

6.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

7.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

8.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

**True/False**

9.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

10.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

11.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

12.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

13.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

14.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

15.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

16.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.


17.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

18.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

19.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

20.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

21.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

22.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

23.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

24.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

25.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

26.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

27.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

28.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

29.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

30.  The \_\_\_\_\_ is the \_\_\_\_\_ of the \_\_\_\_\_.

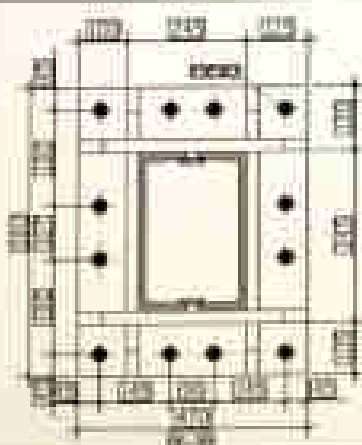
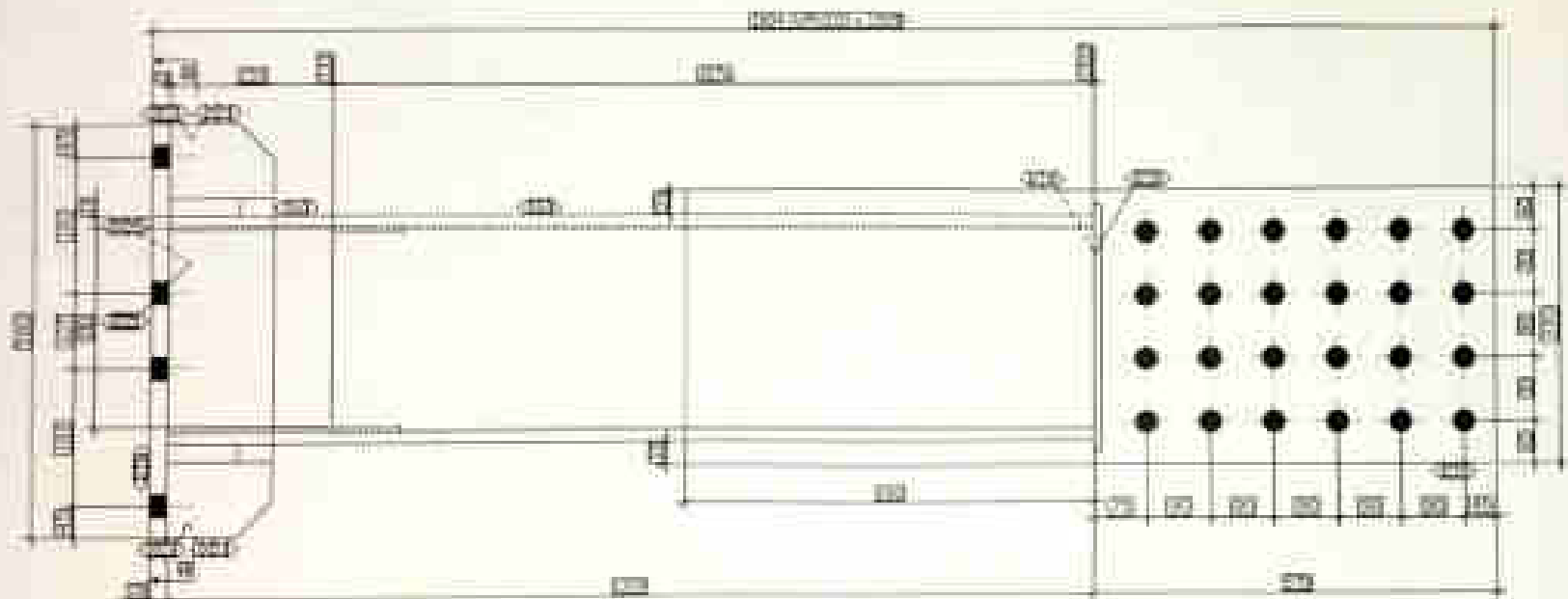
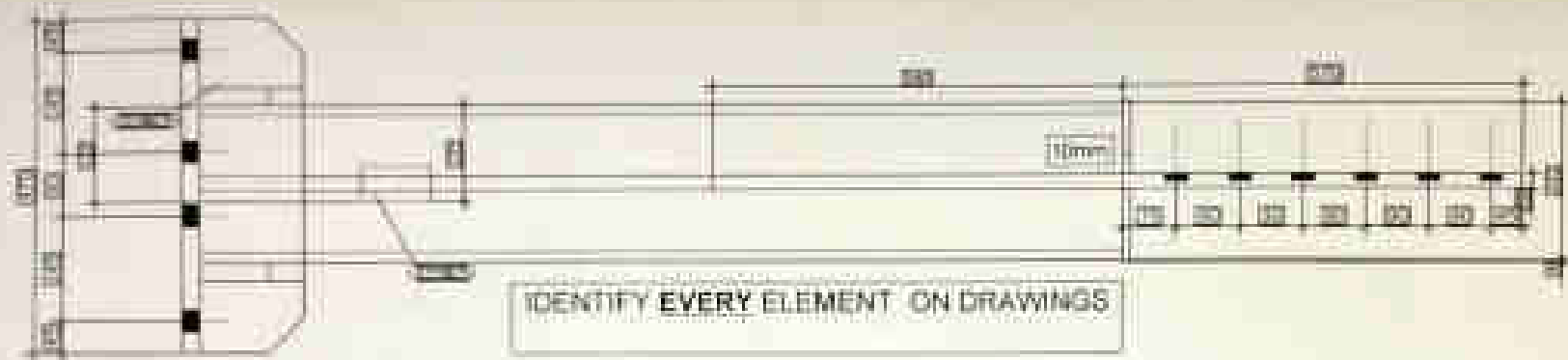
| TABLE 1 |      |      |      |
|---------|------|------|------|
| Year    | 1990 | 1991 | 1992 |
| 1990    | 1990 | 1991 | 1992 |



|  |        |        |        |        |        |
|--|--------|--------|--------|--------|--------|
| 0000000000000000<br><b>FBI - ITD - HHS</b><br>0000000000000000 |        |        |        |        |        |
| 000000   | 000000 | 000000 | 000000 | 000000 | 000000 |
| 000000   | 000000 | 000000 | 000000 | 000000 | 000000 |
| 000000   | 000000 | 000000 | 000000 | 000000 | 000000 |
| 000000   | 000000 | 000000 | 000000 | 000000 | 000000 |



100



|          |            |
|----------|------------|
| DATE     | 10/10/2020 |
| BY       | 10/10/2020 |
| CHECKED  | 10/10/2020 |
| APPROVED | 10/10/2020 |



SHEET NO  
02/03

|                    |            |
|--------------------|------------|
| TITLE: H01 TO H099 |            |
| DATE               | 10/10/2020 |
| BY                 | 10/10/2020 |
| CHECKED            | 10/10/2020 |
| APPROVED           | 10/10/2020 |

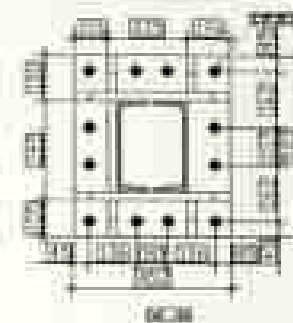
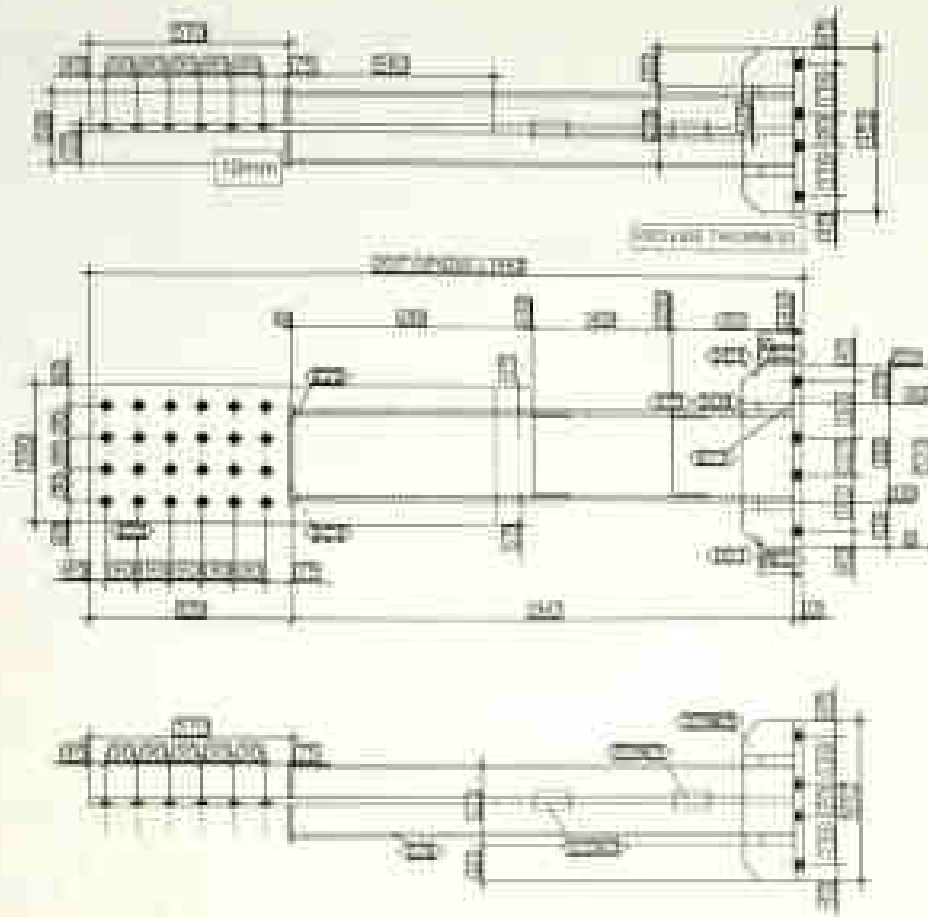
|     |            |
|-----|------------|
| 1   | 10/10/2020 |
| 2   | 10/10/2020 |
| 3   | 10/10/2020 |
| 4   | 10/10/2020 |
| 5   | 10/10/2020 |
| 6   | 10/10/2020 |
| 7   | 10/10/2020 |
| 8   | 10/10/2020 |
| 9   | 10/10/2020 |
| 10  | 10/10/2020 |
| 11  | 10/10/2020 |
| 12  | 10/10/2020 |
| 13  | 10/10/2020 |
| 14  | 10/10/2020 |
| 15  | 10/10/2020 |
| 16  | 10/10/2020 |
| 17  | 10/10/2020 |
| 18  | 10/10/2020 |
| 19  | 10/10/2020 |
| 20  | 10/10/2020 |
| 21  | 10/10/2020 |
| 22  | 10/10/2020 |
| 23  | 10/10/2020 |
| 24  | 10/10/2020 |
| 25  | 10/10/2020 |
| 26  | 10/10/2020 |
| 27  | 10/10/2020 |
| 28  | 10/10/2020 |
| 29  | 10/10/2020 |
| 30  | 10/10/2020 |
| 31  | 10/10/2020 |
| 32  | 10/10/2020 |
| 33  | 10/10/2020 |
| 34  | 10/10/2020 |
| 35  | 10/10/2020 |
| 36  | 10/10/2020 |
| 37  | 10/10/2020 |
| 38  | 10/10/2020 |
| 39  | 10/10/2020 |
| 40  | 10/10/2020 |
| 41  | 10/10/2020 |
| 42  | 10/10/2020 |
| 43  | 10/10/2020 |
| 44  | 10/10/2020 |
| 45  | 10/10/2020 |
| 46  | 10/10/2020 |
| 47  | 10/10/2020 |
| 48  | 10/10/2020 |
| 49  | 10/10/2020 |
| 50  | 10/10/2020 |
| 51  | 10/10/2020 |
| 52  | 10/10/2020 |
| 53  | 10/10/2020 |
| 54  | 10/10/2020 |
| 55  | 10/10/2020 |
| 56  | 10/10/2020 |
| 57  | 10/10/2020 |
| 58  | 10/10/2020 |
| 59  | 10/10/2020 |
| 60  | 10/10/2020 |
| 61  | 10/10/2020 |
| 62  | 10/10/2020 |
| 63  | 10/10/2020 |
| 64  | 10/10/2020 |
| 65  | 10/10/2020 |
| 66  | 10/10/2020 |
| 67  | 10/10/2020 |
| 68  | 10/10/2020 |
| 69  | 10/10/2020 |
| 70  | 10/10/2020 |
| 71  | 10/10/2020 |
| 72  | 10/10/2020 |
| 73  | 10/10/2020 |
| 74  | 10/10/2020 |
| 75  | 10/10/2020 |
| 76  | 10/10/2020 |
| 77  | 10/10/2020 |
| 78  | 10/10/2020 |
| 79  | 10/10/2020 |
| 80  | 10/10/2020 |
| 81  | 10/10/2020 |
| 82  | 10/10/2020 |
| 83  | 10/10/2020 |
| 84  | 10/10/2020 |
| 85  | 10/10/2020 |
| 86  | 10/10/2020 |
| 87  | 10/10/2020 |
| 88  | 10/10/2020 |
| 89  | 10/10/2020 |
| 90  | 10/10/2020 |
| 91  | 10/10/2020 |
| 92  | 10/10/2020 |
| 93  | 10/10/2020 |
| 94  | 10/10/2020 |
| 95  | 10/10/2020 |
| 96  | 10/10/2020 |
| 97  | 10/10/2020 |
| 98  | 10/10/2020 |
| 99  | 10/10/2020 |
| 100 | 10/10/2020 |

|     |            |
|-----|------------|
| 1   | 10/10/2020 |
| 2   | 10/10/2020 |
| 3   | 10/10/2020 |
| 4   | 10/10/2020 |
| 5   | 10/10/2020 |
| 6   | 10/10/2020 |
| 7   | 10/10/2020 |
| 8   | 10/10/2020 |
| 9   | 10/10/2020 |
| 10  | 10/10/2020 |
| 11  | 10/10/2020 |
| 12  | 10/10/2020 |
| 13  | 10/10/2020 |
| 14  | 10/10/2020 |
| 15  | 10/10/2020 |
| 16  | 10/10/2020 |
| 17  | 10/10/2020 |
| 18  | 10/10/2020 |
| 19  | 10/10/2020 |
| 20  | 10/10/2020 |
| 21  | 10/10/2020 |
| 22  | 10/10/2020 |
| 23  | 10/10/2020 |
| 24  | 10/10/2020 |
| 25  | 10/10/2020 |
| 26  | 10/10/2020 |
| 27  | 10/10/2020 |
| 28  | 10/10/2020 |
| 29  | 10/10/2020 |
| 30  | 10/10/2020 |
| 31  | 10/10/2020 |
| 32  | 10/10/2020 |
| 33  | 10/10/2020 |
| 34  | 10/10/2020 |
| 35  | 10/10/2020 |
| 36  | 10/10/2020 |
| 37  | 10/10/2020 |
| 38  | 10/10/2020 |
| 39  | 10/10/2020 |
| 40  | 10/10/2020 |
| 41  | 10/10/2020 |
| 42  | 10/10/2020 |
| 43  | 10/10/2020 |
| 44  | 10/10/2020 |
| 45  | 10/10/2020 |
| 46  | 10/10/2020 |
| 47  | 10/10/2020 |
| 48  | 10/10/2020 |
| 49  | 10/10/2020 |
| 50  | 10/10/2020 |
| 51  | 10/10/2020 |
| 52  | 10/10/2020 |
| 53  | 10/10/2020 |
| 54  | 10/10/2020 |
| 55  | 10/10/2020 |
| 56  | 10/10/2020 |
| 57  | 10/10/2020 |
| 58  | 10/10/2020 |
| 59  | 10/10/2020 |
| 60  | 10/10/2020 |
| 61  | 10/10/2020 |
| 62  | 10/10/2020 |
| 63  | 10/10/2020 |
| 64  | 10/10/2020 |
| 65  | 10/10/2020 |
| 66  | 10/10/2020 |
| 67  | 10/10/2020 |
| 68  | 10/10/2020 |
| 69  | 10/10/2020 |
| 70  | 10/10/2020 |
| 71  | 10/10/2020 |
| 72  | 10/10/2020 |
| 73  | 10/10/2020 |
| 74  | 10/10/2020 |
| 75  | 10/10/2020 |
| 76  | 10/10/2020 |
| 77  | 10/10/2020 |
| 78  | 10/10/2020 |
| 79  | 10/10/2020 |
| 80  | 10/10/2020 |
| 81  | 10/10/2020 |
| 82  | 10/10/2020 |
| 83  | 10/10/2020 |
| 84  | 10/10/2020 |
| 85  | 10/10/2020 |
| 86  | 10/10/2020 |
| 87  | 10/10/2020 |
| 88  | 10/10/2020 |
| 89  | 10/10/2020 |
| 90  | 10/10/2020 |
| 91  | 10/10/2020 |
| 92  | 10/10/2020 |
| 93  | 10/10/2020 |
| 94  | 10/10/2020 |
| 95  | 10/10/2020 |
| 96  | 10/10/2020 |
| 97  | 10/10/2020 |
| 98  | 10/10/2020 |
| 99  | 10/10/2020 |
| 100 | 10/10/2020 |


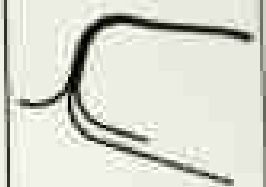




## IDENTIFY EVERY ELEMENT ON DRAWINGS

[illegible]

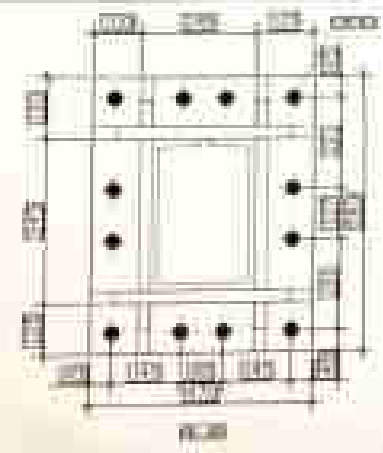
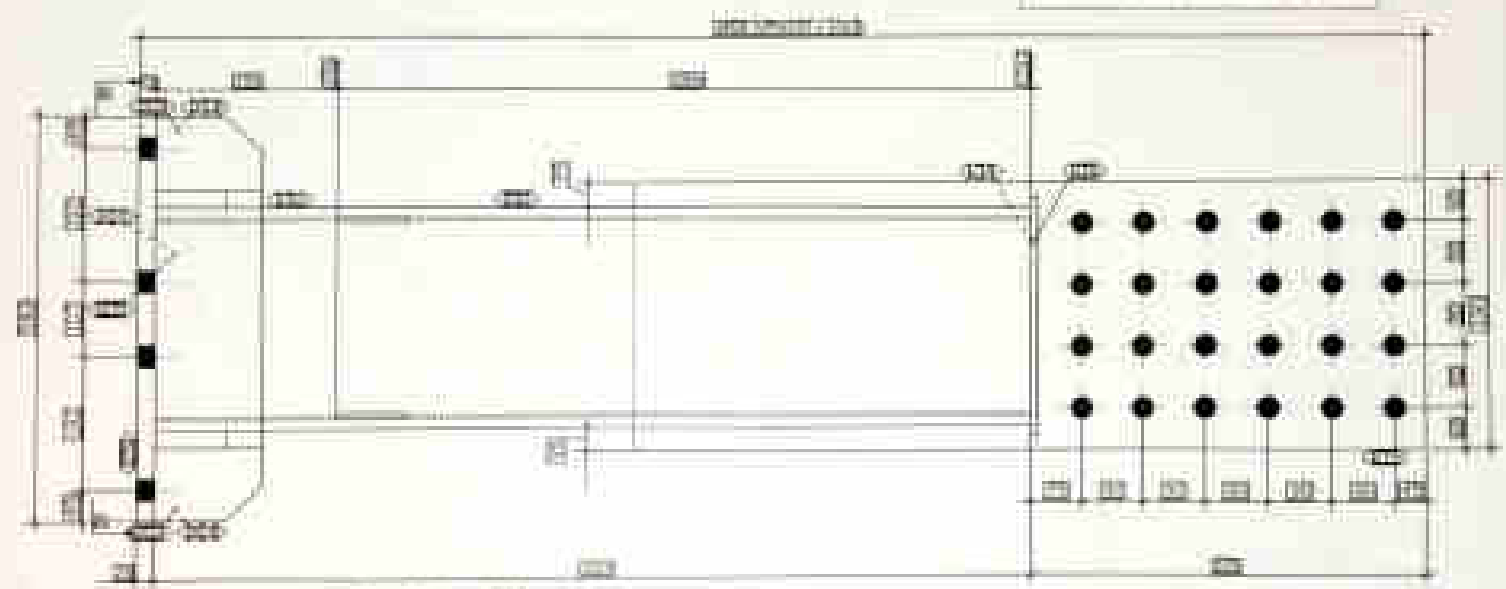
|     |     |     |     |
|-----|-----|-----|-----|
| 100 | 100 | 100 | 100 |
| 100 | 100 | 100 | 100 |

[illegible]

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|





|                  |
|------------------|
| SAME AS PREVIOUS |
|------------------|




...the ...


**Multiple-choice**


1.  The best idea would be to

2.  the company

3.  the stock and the


4.  (What about the fact that


5.  the company


6.  the stock and the fact that

7.  the stock

8.  the company


 The best idea would be to

 the company

 the stock and the fact that


 the company


 the stock


 the company


 the stock and the fact that

 the company

 the stock

 the company

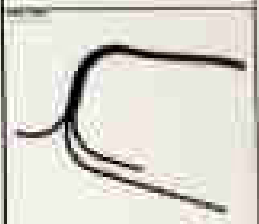
 the stock and the fact that

 the company

 the stock

 the company

| TABLE 1 |      |      |      |
|---------|------|------|------|
| Year    | 1990 | 1991 | 1992 |
| 1990    | 100  | 100  | 100  |
| 1991    | 100  | 100  | 100  |
| 1992    | 100  | 100  | 100  |



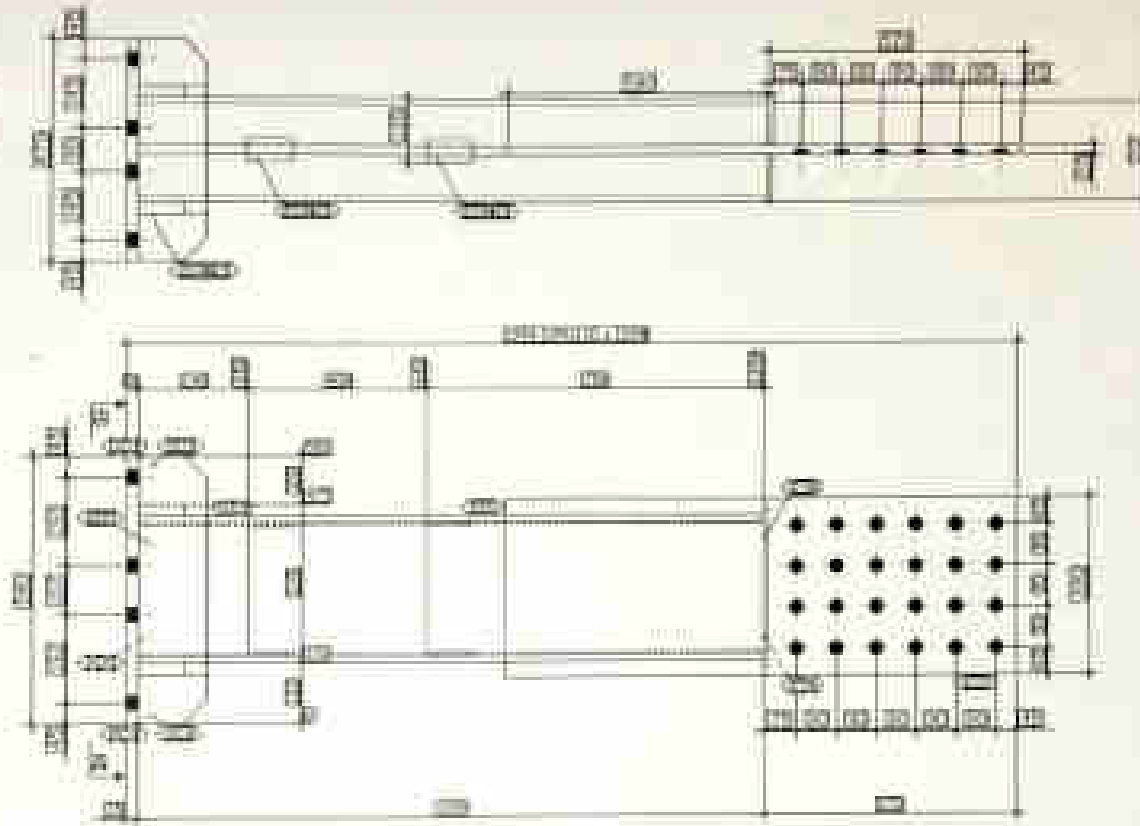
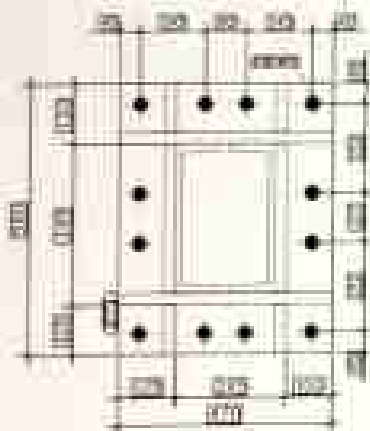
The screenshot shows a web browser window. The main content area displays a table with multiple columns and rows of data. On the left side, there is a sidebar containing a search bar and a list of items, possibly a navigation menu or a search results list. The interface appears to be a web application for data management or analysis.

[illegible]

11945



SAME AS PREVIOUS



10000

SECTION  
DRAWING

|  |  |
|--|--|
| <p>1. Project Name</p> <p>2. Project Location</p> <p>3. Project Description</p> <p>4. Project Status</p> <p>5. Project Manager</p> <p>6. Project Engineer</p> <p>7. Project Designer</p> <p>8. Project Checker</p> <p>9. Project Approver</p> <p>10. Project Date</p>                        |  |
| <p>11. Project Budget</p> <p>12. Project Cost</p> <p>13. Project Profit</p> <p>14. Project Loss</p> <p>15. Project Risk</p> <p>16. Project Opportunity</p> <p>17. Project Challenge</p> <p>18. Project Solution</p> <p>19. Project Conclusion</p> <p>20. Project Summary</p>                 |  |
| <p>21. Project Conclusion</p> <p>22. Project Summary</p> <p>23. Project Conclusion</p> <p>24. Project Summary</p> <p>25. Project Conclusion</p> <p>26. Project Summary</p> <p>27. Project Conclusion</p> <p>28. Project Summary</p> <p>29. Project Conclusion</p> <p>30. Project Summary</p> |  |

بيان الإصدار والمستحسن رقم ١٩١ / جاري  
تسمية : الشاء كيري من مكان أبو حمص العلوي

|                                 |  |
|---------------------------------|--|
| رقم البند وبيانه : (مستحسن ٢٢٤) | المطلوبه ان لا يوزن لثبات الحبوبه اكثر من ٥٠٠ طن اربع الكيلو المعدل ان لا يستخدم اولي حبوبه ١٥ طن<br>و ١٠٠ طن باسناد كسبه ٥٠٠ طن وذلك ان لا تصحوبه الا ان لا في مستحسن اثنائه توجد العلف في الزاوي وعينه السكك<br>العديد |
|---------------------------------|--|

تحت شركة : الفيل العامة للطرق والكباري

| تسمية بالمطلوبه  |                   | مقدار العمل السابق |       |
|--|-------------------|--------------------|-------|
| بيان الإصدار بالمطلوبه   | الموقع الكيلو متر | الرقم              | الاسم |
| المطلوبه ان لا يوزن لثبات الحبوبه اكثر من ٥٠٠ طن اربع الكيلو المعدل ان لا يستخدم اولي حبوبه ١٥ طن<br>و ١٠٠ طن باسناد كسبه ٥٠٠ طن وذلك ان لا تصحوبه الا ان لا في مستحسن اثنائه توجد العلف في الزاوي وعينه السكك<br>العديد | ١                 | ١                  | الاسم |
| المطلوبه ان لا يوزن لثبات الحبوبه اكثر من ٥٠٠ طن اربع الكيلو المعدل ان لا يستخدم اولي حبوبه ١٥ طن<br>و ١٠٠ طن باسناد كسبه ٥٠٠ طن وذلك ان لا تصحوبه الا ان لا في مستحسن اثنائه توجد العلف في الزاوي وعينه السكك<br>العديد | ٢                 | ٢                  | الاسم |
| الاسم  |                   | ٣                  | الاسم |
| الاسم  |                   | ٤                  | الاسم |
| الاسم  |                   | ٥                  | الاسم |
| الاسم  |                   | ٦                  | الاسم |
| الاسم  |                   | ٧                  | الاسم |
| الاسم  |                   | ٨                  | الاسم |
| الاسم  |                   | ٩                  | الاسم |
| الاسم  |                   | ١٠                 | الاسم |

من الجهة  
(مختار)

من الجهة  
(مختار)

من الجهة  
(مختار)