

Green Line

RECEIPT of NOTIFICATION - Minimum Notice Period not less than 24 Hours

The Work described below will be complete and ready for inspection at planned time shown

Location Name		Contractor Company		Designer Company	
Matrouh Express Station		Egypt stone		Noor Consultant engineers	
Issued by Contractor	Name	Sign	Date	Time	
	Eng-Mostafa Mahmoud	<i>Mostafa</i>	2-12-2024	09:00 am	
Contractor UIR Reference	EET-EGS-CU58-IR-ST-21				Revision
Received by Employers Representative	Name	Sign	UIR	DD	MM
				YY	HH

EXPLANATION OF WORK TO BE INSPECTED

Area	Element	Item
Kp(565+500)	Box Culvert (58)	Wall
Inspection Description : Shuttering and Reinforcing steel to walls zone (1) for Culvert 58 at ST (565+500).		

INSPECTION DETAILS The Following will be ready at the Planned Inspection Time

Planned Inspection Date	Planned Inspection Time

COMPLIANCE EVIDENCE Must be Included as appropriate

Checklist Attached ☐	Test Results Attached ☐	Calibration Attached ☐	Other as indicated ☐
Drawing Reference	ITP Reference	MS Reference	

Comments by: Contractor Supervision

Comments by: Employers Representative

	<i>The contractor to resubmit this request after approval of SD.</i>
--	--

INSPECTION RESULT

INSPECTION RESULT						Approval Status	Please Tick if Not Attend
Organisation	Name	Sign	Designation	Date	Time	A-AWC-R	
Contractor Construction	Eng-Mostafa Mahmoud	<i>Mostafa</i>	QC	2-12-2024		A	
Contractor QA/QC	Eng-Ali Ahmed	<i>Ali</i>	QA/QC	2-12-2024		A	
GARB*							
Employers Representative	U. Gammar	<i>U. Gammar</i>		2-12-24		AWC	



Green Line

RECEIPT of NOTIFICATION - Minimum Notice Period not less than 24 Hours

The Work described below will be complete and ready for inspection at planned time shown

Location Name		Contractor Company		Designer Company	
Matrouh Express Station		Egypt stone		Noor Consultant engineers	
Issued by Contractor	Name	Sign	Date	Time	
	Eng-Mostafa Mahmoud	<i>Mostafa Mahmoud</i>	4-12-2024	10:00	
Contractor UIR Reference	EET-EGS-CU58-IR-SU-18			Revision	
Received by Employers Representative	Name	Sign	UIR	DD	MM
	Moussa Emam	<i>Moussa Emam</i>		4	12
				YY	HH
				24	10
				MM	MM
				30	

EXPLANATION OF WORK TO BE INSPECTED

Area	Element	Item
Kp (565+500)	Box Culvert (58)	Wall
Inspection Description :		
Level and boundary for walls concrete section (1) at U.S level (60.78) D.S level (60.54) for culvert 58.		

INSPECTION DETAILS The Following will be ready at the Planned Inspection Time

Planned Inspection Date	Planned Inspection Time

COMPLIANCE EVIDENCE Must be Included as appropriate

Checklist Attached ☐	Test Results Attached ☐	Calibration Attached ☐	Other as indicated ☐
Drawing Reference	ITP Reference	MS Reference	

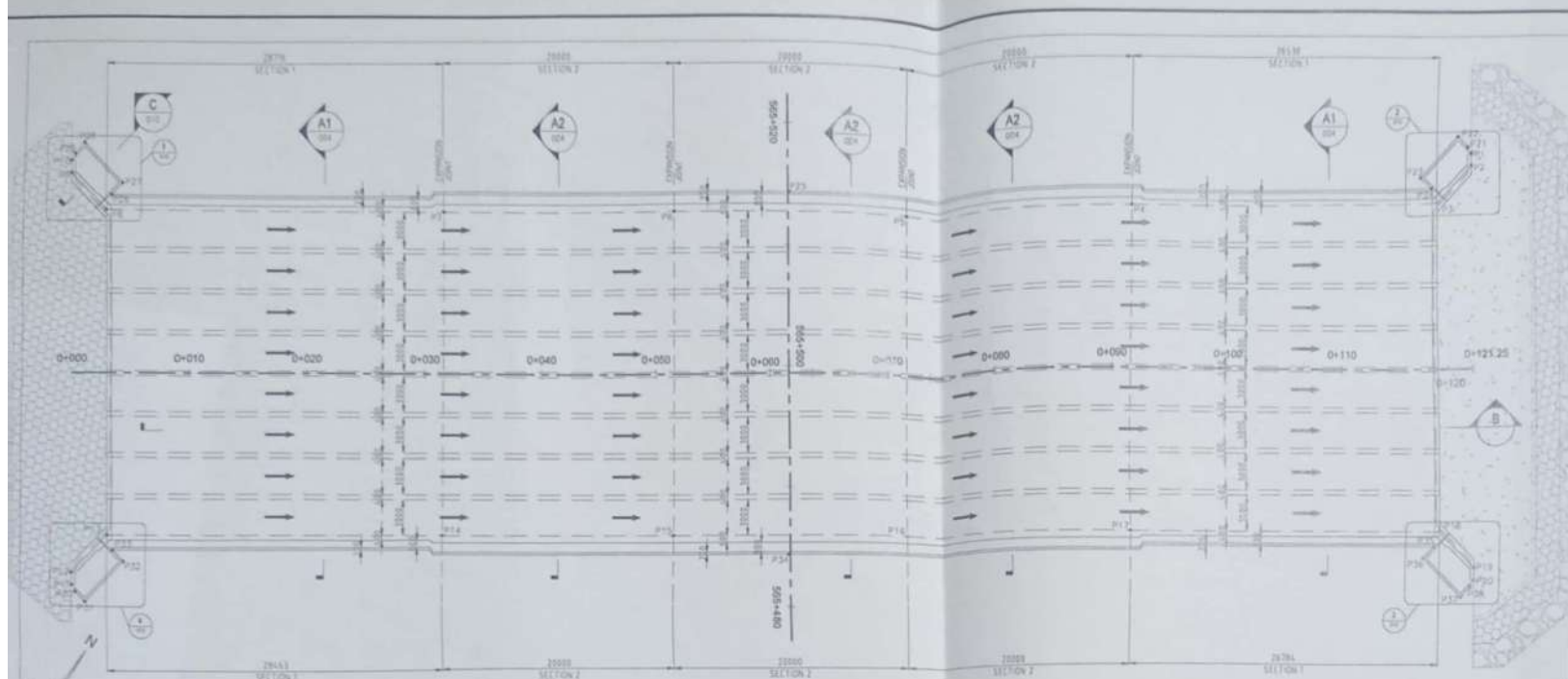
Comments by: Contractor Supervision

Comments by: Employers Representative

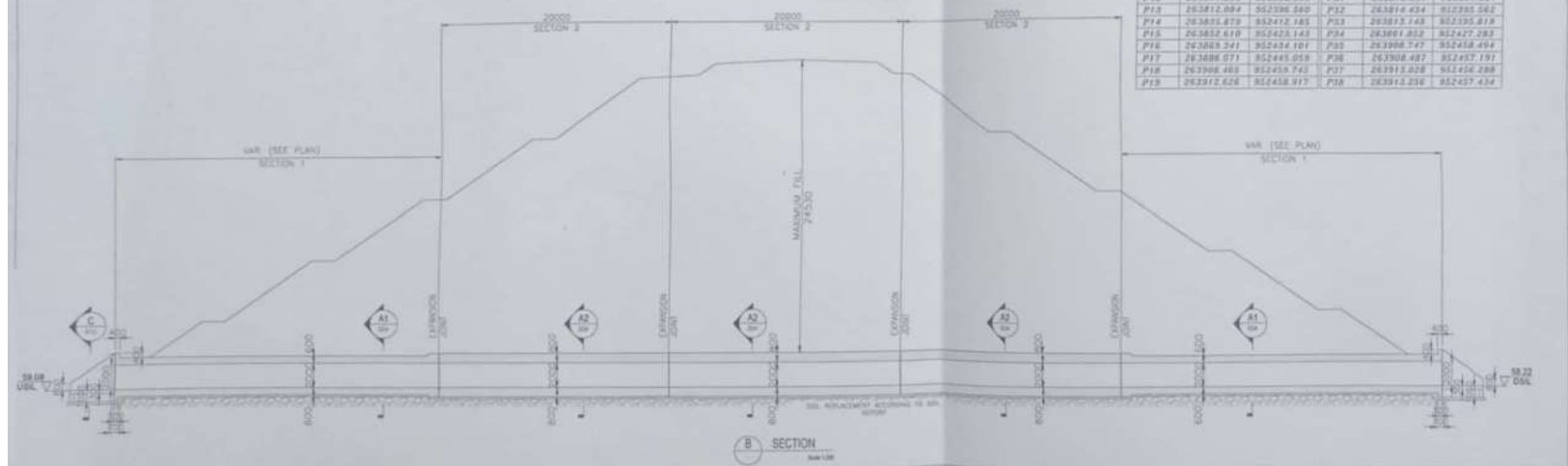
* C.P de inspected and approved by GARIB Survey Consultant XJZ
 * Levels and coordinates for section 1 as per attached are ok.
 * final approved subject to S.D approved, all works under contractor responsibility.

INSPECTION RESULT

						Approval Status	Please Tick if Not Attend
Organisation	Name	Sign	Designation	Date	Time	A-AWC-R	
Contractor Construction	Eng-Mostafa Mahmoud	<i>Mostafa Mahmoud</i>	C.C	4-12-2024		A	
Contractor QA/QC	Eng- Ali Ahmed	<i>Ali Ahmed</i>	P.P. P.A	4-12-2024		A	
GARB*							
Employers Representative	Moussa	<i>Moussa</i>	Sur	4-12-24		AWC	



CULVERT PLAN
Scale 1:200



B SECTION
Scale 1:200

KEY PLAN

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. DO NOT MEASURE FROM DRAWINGS. ALL DIMENSIONS SHOULD BE READ OR COMPUTED.
3. CONCRETE C25/20 (GRADE +40 MPa).
4. REINFORCEMENT STEEL Y4 + 500 MPa (B500SD).
5. CONCRETE COVER 50mm EXCEPT FOR SOL EXPOSED FACES 75mm.
6. THE CONTRACTOR MUST ENSURE THAT THERE IS NO CONTRADICTION BETWEEN THE SUBMITTED DOCUMENT AND TECHNICAL SPECIFICATIONS, CONTRACT CONDITIONS, BILL OF MATERIALS. IN CASE OF ANY CONTRADICTION THE CONTRACTOR MUST GET BACK TO THE CLIENT FOR APPROVAL BEFORE COMMENCEMENT OF WORK.
7. ALL LEVELS, COORDINATES, AND STATIONS SHALL BE CHECKED WITH PLANNING DRAWINGS BEFORE COMMENCEMENT OF WORK.
8. BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR MUST ENSURE THAT THERE IS NO CONFLICT BETWEEN THE LOCATIONS OF CULVERT AND UNDERGROUND UTILITIES. THE CONTRACTOR MUST ENSURE AND COORDINATE WITH RELATED AUTHORITIES THE SAFE DISTANCES FOR THE UNDERGROUND UTILITIES (IF ANY).

LEGEND

01	ISSUED FOR APPROVAL	CM
02	ISSUED FOR APPROVAL	CM
Rev	DATE	DESCRIPTION

Drawn



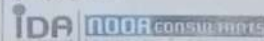
Client Consultant



Contractor



Engineering Design Consultant



Project Title

EET PROJECT SECTOR 7
(PUKA TO MATROUH)
FROM STATION 504+000
TO STATION 566+176.54

Drawing Title

BOX CULVERT AT
(565+500) OLD STATION
(565+487) NEW STATION
CULVERT DETAILS SHEET 1

Copyright Reserved

DESIGN	DRAWN	CHECK	APPROV.	DATE
BM	TM	WF	MM	AUG 2022

Drawing Status

DETAILED DESIGN

Drawing No.

EST-01-NC-DWG-CO-ST-1158-003

01

REQUEST to POUR CONCRETE



Green Line

CONTRACTOR	Location Name		Contractor Company		Designer Company	
	Matrouh Express Station		EGYPT STONE		Noor Consultant engineers	
	Contractor ISSUED	Name	Sign	Date	Designation	
		Eng-Mostafa Mahmoud		3-12-2024/09:00am		
	Contractor Reference	EET-EGS-CU58-CON-17				Revision
	THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW					
	Mix Approval Reference					
	Concrete Pour Title		Concrete pouring to walkzone1 for Culvert 58 at ST (565+500).			
	Concrete Type:		Grout Mix ☐	Lean Mix ☐	Structural Mix ☐	Grade:
	PRESTART CHECKLIST ☒ plus attachments					
	IR Approved				Plant & equipment available	
	Mix Approved				Back up equipment available	
	Setting out Survey Approved				Cast in items secure	
	Temp Works Approved				Access route clear	
	Formwork Checked				Work area safe to progress	
Start Time for Pour:				Concrete Volume:		
Contractor Approve Pour Ready to Start Delete if Not Applicable	Name	Sign	Designation	Date		
			Mechanical			
			Electrical			
			Plumbing			
			Systems			
Contractor Comments:						

Note: All boxes must be completed or marked N/A where applicable. Permission to proceed does not relieve contractor from full compliance with contractual obligation.

ER	ER Received	Name	Sign	Date	Designation	
	ER Expert Agree Pour Ready to Start Delete if Not Applicable	Name	Sign	Designation	Date	
			Mechanical			
			Electrical			
		Plumbing				
		Systems				
ER Comments:						
-The Contractor to resubmit this request after approval of SD. And all work is his responsibility.						
ALL	Permission to Proceed					
	Organisation	Name	Sign	Designation	Date	A-AWC-R
	Contractor QA/QC	ENG/ Karem Radwan			3-12-2024	A
	GARB*					
	Employer Representative	M. Gramma			3-12-24	AWC

* Alignment / Bridges/ Culverts Only

A= Approved; AWC= Approved with Comments; R= Rejected

SUBMISSION of TEST RESULTS



Green Line

Location Name		Contractor Company		Designer Company	
Matrouh Express Station		Egypt stone		Noor Consultant engineers	
Issued by Contractor	Name Eng-Mostafa Mahmoud	Sign <i>Mostafa Mahmoud</i>	Date 10-12-2024	Designation	
Contractor Reference	EET-EGS-CU58-TRF-29			Revision	
Received by ER	Name <i>dr Ahmed Mokhtar</i>	Sign	TRF	DD 24	MM 12
				YY 20	MM 24

NB: Package 1 Only (Package 2 via Aconex)

THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW

Description of Test	Comperssion test of cubes for reinforced concrete of (7)walls sec 1 culvert 58 (565+500)			
Location of Test	Concreto Ready mix lab			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	E.E.T	Compression after 7 days	Concreto Ready mix report	pass
2				
3				
4				
5				

Comments by:	Comments by:
Approved as per attached. The Results under Contractor responsibility and 3rd party Lab.	

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	Eng-Mostafa Mahmoud	<i>Mostafa Mahmoud</i>	10-12-2024	A
Designer				A
GARB *				
Employers Representative	<i>dr Ahmed Mokhtar</i>		24-12-2024	A

* Alignment / Bridges: Culvert Only

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DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE SPECIMENS

Test Standard ECP 203-2020-(7-2) & BS 1881 - Part 116:1983

CLIENT :	ايجهت متون	SAMPLED BY :	
PROJECT :	برايخ القطار السريع قطاع فوكا مطروح	Cement Conten/Type :	OPC
CONSULTANT :	ميسمرا	STRUCTURE TYPE :	حوائط بريخ 58
DATE OF CASTING :	2024/12/03	SPECIFIED STRENGTH :	400 kg/cm ²
POURED QUANTITY :	m ³	NO. OF SAMPLES MADE :	
TARGET SLUMP		REF NO.	

Results :

Date of Test	10/12/2024							
Age of Test (Days)	7							
Moist. Condition at Testing	MOIST							
Shape Of Specimen	Cube							
Average Dimension (mm)	150*150*150							
Specimen Reference	1	2	3	4	5	6		
Weight (g)	8029	8025	8116	8142	8036	8012		
Density (Ton/m ³)	2.379	2.378	2.405	2.412	2.381	2.374		
Failure Load (kN)	891	890	898	915	892	875		
Comp. Strength (Kg/cm ²)	404	403	407	414	404	396		

Date of Test	31/12/2024							
Age of Test (Days)	28							
Moist. Condition at Testing	MOIST							
Shape Of Specimen	Cube							
Average Dimension (mm)	150*150*150							
Specimen Reference	1	2	3	4	5	6		
Weight (g)								
Density (Ton/m ³)	0.000	0.000	0.000	0.000	0.000	0.000		
Failure Load (kN)								
Comp. Strength (Kg/cm ²)	0	0	0	0	0	0		

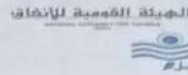
Average 3 Days		Reference : Q.C.F14-issue:1-Pages:1
Average 7 Days	405	
Average 28 Days	0	

Remarks :

Note : Specified Loading Rate Range ~ 4.5kN/S to 9.0 kN/S or (6.8kN/S)

Lab Technician شركة كونكريتو ديلبي ميكس ادارة الجودة	QC Engineer Mohamed Abdelkader
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REQUEST to POUR CONCRETE



Green Line

CONTRACTOR	Location Name		Contractor Company		Designer Company	
	Matrouh Express Station		EGYPT STONE		Noor Consultant engineers	
	Contractor ISSUED	Name	Sign	Date	Designation	
		Eng-Mostafa Mahmoud	<i>Mostafa Mahmoud</i>	5-12-2024/09:00am		
	Contractor Reference	EET-EGS-CU58-CON-19				Revision
	THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW					
	Mix Approval Reference					
	Concrete Pour Title		Concrete Pouring walls Zoen (1) for Culvert 58 at ST (565+500).			
	Concrete Type:		Grout Mix ☐	Lean Mix ☐	Structural Mix ☐	Grade:
	PRESTART CHECKLIST ☒ plus attachments					
	IR Approved				Plant & equipment available	
	Mix Approved				Back up equipment available	
	Setting out Survey Approved				Cast in items secure	
	Temp Works Approved				Access route clear	
	Formwork Checked				Work area safe to progress	
Start Time for Pour:			Concrete Volume:			
Contractor Approve Pour Ready to Start Delete if Not Applicable	Name	Sign	Designation	Date		
			Mechanical			
			Electrical			
			Plumbing			
			Systems			
Contractor Comments:						

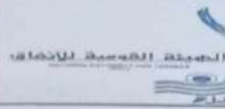
Note: All boxes must be completed or marked N/A where applicable. Permission to proceed does not relieve contractor from full compliance with contractual obligation.

ER	ER Received	Name	Sign	Date	Designation	
	ER Expert Agree Pour Ready to Start Delete if Not Applicable	Name	Sign	Designation	Date	
				Mechanical		
				Electrical		
			Plumbing			
ER Comments:	Systems					
	The Contractor to resubmit this request after approval of SD.					
ALL	Permission to Proceed					
	Organisation	Name	Sign	Designation	Date	A-AWC-R
	Contractor QA/QC	ENG/ Ali Ahmed	<i>Ali Ahmed</i>	QA/QC	5-12-2024	A
	GARB*					
	Employer Representative	M. Gammar	<i>M. Gammar</i>		6-12-24	AWC

* Alignment / Bridges/ Culverts Only

A= Approved; AWC= Approved with Comments; R= Rejected

SUBMISSION of TEST RESULTS



Green Line

Location Name		Contractor Company		Designer Company	
Matrouh Express Station		Egypt stone		Noor Consultant engineers	
Issued by Contractor	Name	Sign	Date	Designation	
	Eng-Mostafa Mahmoud	<i>Mostafa Mahmoud</i>	12/12/2024		
Contractor Reference	EET-EGS-CU58-TRF-31				Revision
Received by ER	Name	Sign	TRF	DD	MM
	<i>dr Ahmed Mokhtar</i>	<i>Ahmed Mokhtar</i>		24	12

NB: Package 1 Only (Package 2 via Aconex)

THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW

Description of Test	Compression test of cubes for reinforced concrete of 2 Walls sec 1 culvert 58 (565+500)			
Location of Test	Concrete Ready mix lab			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	E.E.T	Compression after 7 days	Concrete Ready mix report	Pass
2				
3				
4				
5				

Comments by:	Comments by:
Approved as per attached. The Results under Contractor responsibility and 3rd Party Lab.	

APPROVAL STATUS

Organisation	Name	Sign	Date	A-AWC-R
Contractor	Eng-Mostafa Mahmoud	<i>Mostafa Mahmoud</i>	12/12/2024	A
Designer				A
GARB *				
Employers Representative	<i>dr Ahmed Mokhtar</i>	<i>Ahmed Mokhtar</i>	24-12-2024	A

* Alignment / Bridges: Culvert Only

A= Approved; AWC= Approved with Comments; R= Rejected

DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE SPECIMENS

Test Standard ECP 203-2020-(7-2) & BS 1881 - Part 116:1983

CLIENT :	ايڤيت ستون	SAMPLED BY :	
PROJECT :	برايخ القطار السريع قطاع فوكا مطروح	Cement Conten/Type :	OPC
CONSULTANT :	ميمسترا	STRUCTURE TYPE :	حوائط بريخ 58
DATE OF CASTING :	2024/12/05	SPECIFIED STRENGTH :	400 kg/cm2
POURED QUANTITY :	m3	NO. OF SAMPLES MADE :	
TARGET SLUMP		REF NO.	

Results :

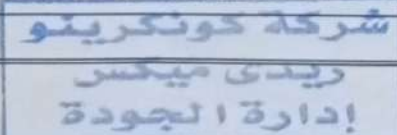
Date of Test	12/12/2024						
Age of Test (Days)	7						
Moist. Condition at Testing	MOIST						
Shape Of Specimen	Cube						
Average Dimension (mm)	150*150*150						
Specimen Reference	1	2	3				
Weight (g)	8276	8193	8187				
Density (Ton/m3)	2.452	2.428	2.426				
Failure Load (kN)	914	897	889				
Comp. Strength (Kg/cm²)	414	406	403				

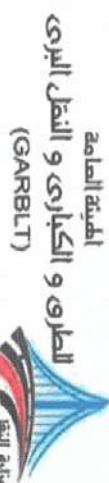
Date of Test	2/1/2025						
Age of Test (Days)	28						
Moist. Condition at Testing	MOIST						
Shape Of Specimen	Cube						
Average Dimension (mm)	150*150*150						
Specimen Reference	1	2	3				
Weight (g)							
Density (Ton/m3)	0.000	0.000	0.000				
Failure Load (kN)							
Comp. Strength (Kg/cm²)	0	0	0				

Average 3 Days		Reference : Q.C.F14-issue:1-Pages:1
Average 7 Days	403	
Average 28 Days	0	

Remarks :

Note : Specified Loading Rate Range = 4.5kN/S to 9.0 kN/S or (6.8kN/S)

Lab Technician	QC Engineer
	Mohamed Abdelkader



الهيئة العامة
كتابية و البعث الى
(GARBLT)

Cuivert (58) SIA (565+500)

رقم البند (5.1)

تأثير الحسب بوزن 2 و 3 و 4 و 5 كجم/م³ على مقاومة علبه واقية تشكل الحرسية الجارة والشدات والتك والخط والحسب والمطابق والمالاج والاختبار طابقا للروس ملت والمواصفات والبسر يشمل قطع جميع الكاربات.

رقم اللوحة

34

ملاحظات sketch

ابعاد (مقامات)

1111

10

•

[illegible]

1000

1

11

231

الوحدة

التوصيف

2

Culvert (58) STA (565+500)

Section 1

Section 2

Section 3

Section 4

Section 5

SWIMMING WALL

P.C. out in

الاجمالی

نهضة العامة للطرق والكباري

استشاري العام

جامعة القدس

12/20/2019

م / محمود أبو الأسود

P₂₅

2111 ~~88~~



Project

Electrical Express Train (High Speed-Rail) Project

Culvert (58) STA (565+500)

رقم البند (5.2.1)

بالمنظر المكعب توريد وصبة خرسانة مسلحة Fair Face لزود البريق مع تصميم الخطة الكهربائية على أن يكون الخط و السمك ميكروني و على الأقل القوية المبردة للمكب الرئيسي للترسدة المسطحة عن 400 كم/ساعة و محتوى الاسمنت لا يقل عن 420 كجم/ساعة و القلعة تشمل عمل الفتحات و الترم و معالجة الخرسانة بعد الصب طبقا للظروف و المواصفات القياسية و الإضافات و حسب أصول الصناعة و تعليمات المهندسين المشرفين و الآلية لا تشمل حديد التسليح.
* إضافة مادة الترسدة على النثر المكعب وذلك لزيادة DURABILITY إلى 120 سنة

رقم الوحدة 3م

الوحدة

ملاحظات	sketch	أبعاد (مقاسات)						العدد	الوحدة	الوصيف	م
		إجمالي	إضافي	قسم	الإجمالي	ارتفاع	عرض	طول			
	SKETCH الخريطة المسطحة DWG-SD-ST-1158-003.dwg	503.81							3م	Culvert (58) STA (565+500)	1
		503.81	8.664	0	495.15	0.6		825.25	3م	Section 1 RAFT	
		473.13							3م	Section 2 RAFT	
		473.13	0	0	473.13	0.8		591.41	1	Section 3 RAFT	
		473.13							3م	Section 4 RAFT	
		473.13							3م	Section 5 RAFT	
		473.13	0	0	473.13	0.8		591.41	1	Section 5 RAFT	
		0.00							3م	RAFT	
									3م	WING	
	1923.20										

الإجمالي

الهيئة العامة للطرق والكباري

استشاري التصميم

محمد حاتم

م / محمود أبو السعود

21/3

21/3



Project

Electrical Express Train (High Speed-Rail) Project

Culvert (58) STA (565+500)

رقم البند (5.2.3)

بالنظر المكعب كوزريد وصف خرسانة مسلحة CAST IN SITU SLABS لزود البلاطة مع تصميم الخطية الخرسانية على ان يكون القطر والتمك ميكني و على الاقل القوية الموزنة للمكعب القياسي للخرسانة المتجانسة عن 400 كجم/م³ و محتوى الاسمنت لا يقل عن 450 كجم/م³ والقلية تتحمل حمل الشدات والقرم و معالجة الخرسانة بعد الصب طبقا للشروط والواصفات الفنية والرسومات وحسب اصول الصناعة وتعليمات المهندسين المشرفين والقلية لا تقل عن 120 سم³ المضافه مادة CORROSION INHIBITOR على البتر المكعب وذلك لزيادة DUARABILITY الي 120 سنة

رقم الوحدة

3م

الوحدة

ملاحظات	sketch	أبعاد (مقاسات)						العدد	الوحدة	الوصف	م
		اجمالي	اضافي	خصم	الاجمالي	ارتفاع	عرض	طول			
	sketch FET/STANCHION DWG-SD-ST-1158-003.dwg	0.00							3م	Culvert (58) STA (565+500)	1
		447.55							3م	SLAB	
		447.55	0.00	0	447.55	0.8		559.44	3م	SLAB	
		0.00							3م	Section 3	
		0.00							3م	SLAB	
		0.00							3م	Section 4	
		0.00							3م	SLAB	
		0.00							3م	Section 5	
		0.00							3م	SLAB	
		447.55							3م	SLAB	

الهيئة العامة للطرق والكباري

استشاري الهندسة المعمارية

مهند نظام

م

م / محمود ابو السمود

م

2011/11/11





مجلس الشركة

Project

Electrical Express Train (High Speed-Rail) Project

Culvert (58) STA (565+500)

رقم البند (7.2)

بالمتر المسطح توريد وتركيب مشمع 400 micro polyethylene أسفل الخرسانة العادية طبقا للمواصفات وتعليمات الاستشاري.

رقم اللوحة

2م

الوحدة

ملاحظات

sketch

ابعاد (مقاسات)

إجمالي

إضافه

خصم

الاجمالي

عرض

طول

العدد

الوحدة

التوصيف

م

Culvert (58) STA (565+500)

1

SEC1.2.3.4.5

2

Wing walls

Wing walls

out lit

3467.50

3467.5

3467.5

0.00

0

0

3467.50

الاجمالي

المهينة العامة للطرق والكباري

استشاري العلم سيميتا

مهندس المشروع

محمد حاتم

م

م / محمود أبو السعود

21/11/14



الطبعة الخامسة
كباري و النفل البري
(GARBLT)



Culvert (58) STA (565+500)

رقم البند (9.1)

م ذلك عند أصل السبب وعند محيطه اليربع في محيطه الأمامي وعند اتصال الحائط القوساني بسطح البنية المسطحة والسقف ويتم وضع وتثبيت الروتر ستوب في هذا المجال الأسفل يشمل التركيب وحمل وذلك بقرص الحائط على حديد الشليح من سرب المياه إليه، وعلى أن يتم توريد الروتر ستوب من إحدى الشركات المتخصصة في هذا المجال الأسفل يشمل التركيب وحمل الروصلات وجميع الإكسسوارات وذلك طبقاً للرسومات ومستندات التعاقد وتعليمات الشركة المنتجة.

رقم الوثيقة

2

الوحيد

م	الوصف	بيانات (مقاييس)						الوحدة	ملاحظات
		الارتفاع	العرض	العمق	الزاوية	الطول	المساحة		
1	Culvert (58) STA (565+500)								
2	بالمتر الطولي توريد وتركيب water stop من النوع 0 طبقاً للرسومات المعتمدة من الإستشاري. للتوضيح					36.8	4	م.ط	
	SEC1								
	بالمتر الطولي توريد وتركيب water stop من النوع ٧ طبقاً للرسومات المعتمدة من الإستشاري. للحوائط					28.7	9	م.ط	
	SEC2								
3	بالمتر الطولي توريد وتركيب water stop من النوع ٧ طبقاً للرسومات المعتمدة من الإستشاري. للحوائط					19.98	9	م.ط	
	SEC3								
	بالمتر الطولي توريد وتركيب water stop من النوع ٧ طبقاً للرسومات المعتمدة من الإستشاري. للحوائط					19.98	9	م.ط	
	SEC4								
	بالمتر الطولي توريد وتركيب water stop من النوع ٧ طبقاً للرسومات المعتمدة من الإستشاري. للحوائط					19.98	9	م.ط	
	SEC5								
	بالمتر الطولي توريد وتركيب water stop من النوع ٧ طبقاً للرسومات المعتمدة من الإستشاري. للحوائط								
	الإجمالي								
						944.96			

الشيعة العامة للطريق والكبرى

الجنسية (Nationality)

1

2025/10/26

~~21/11/12~~