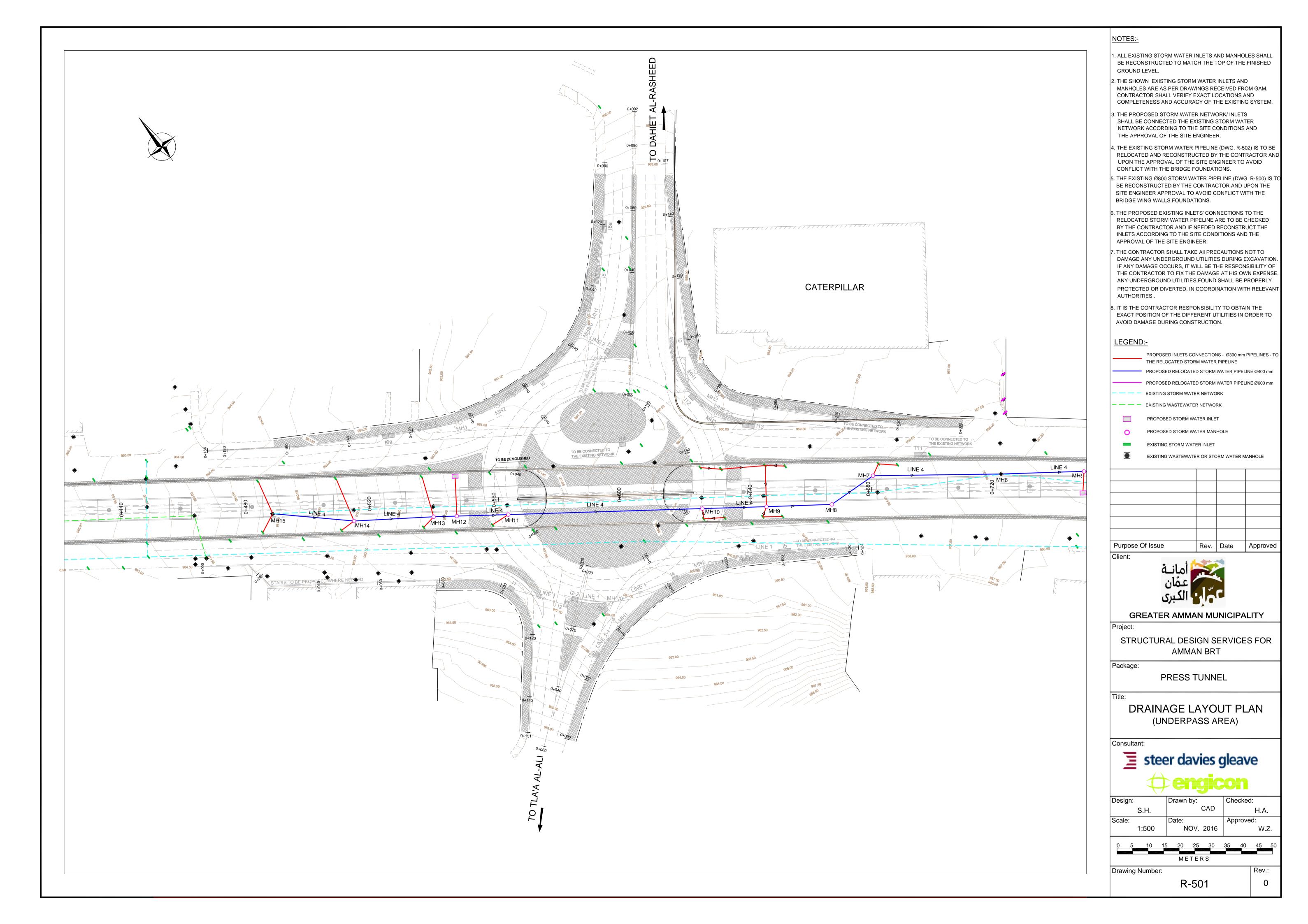
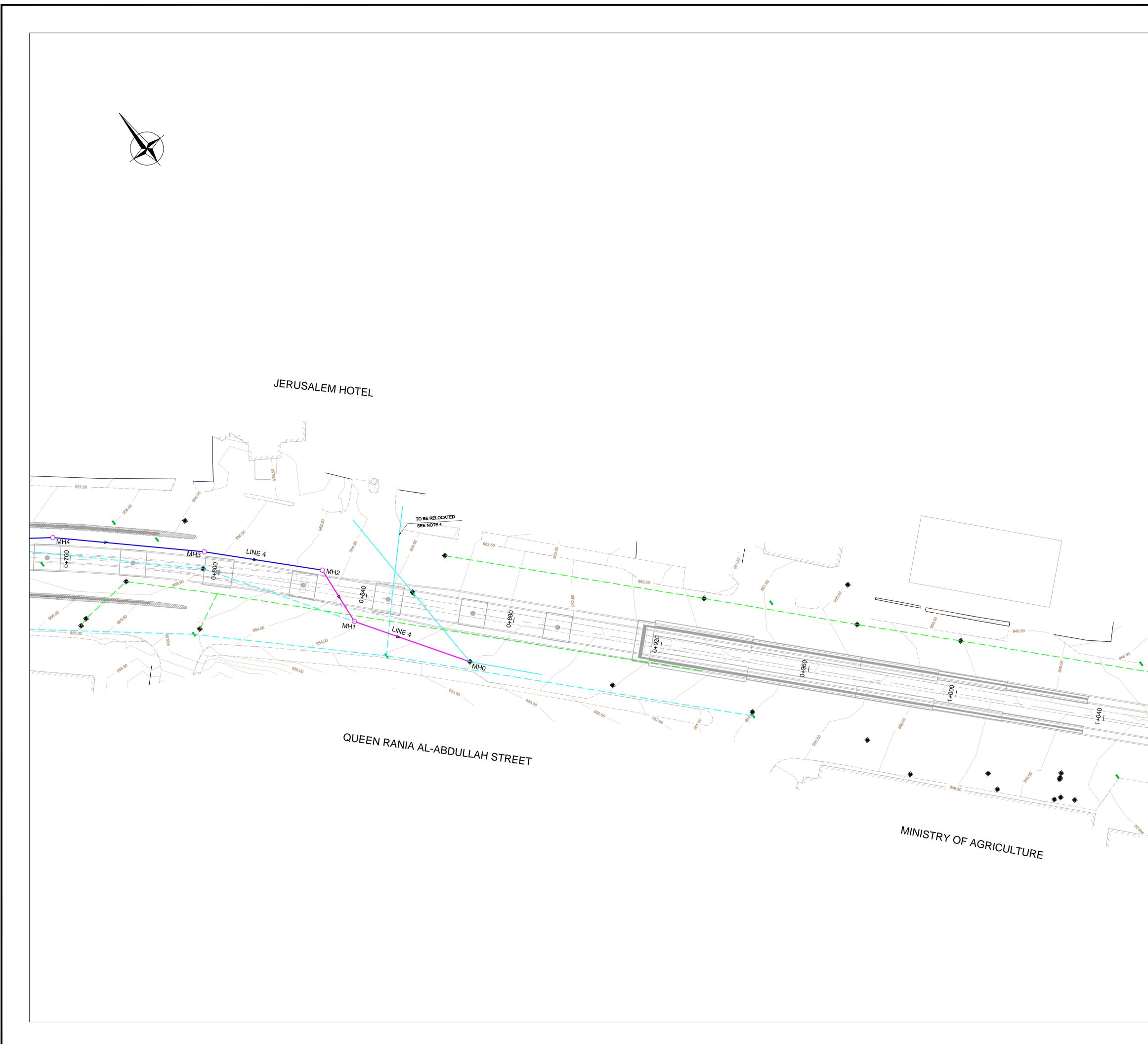
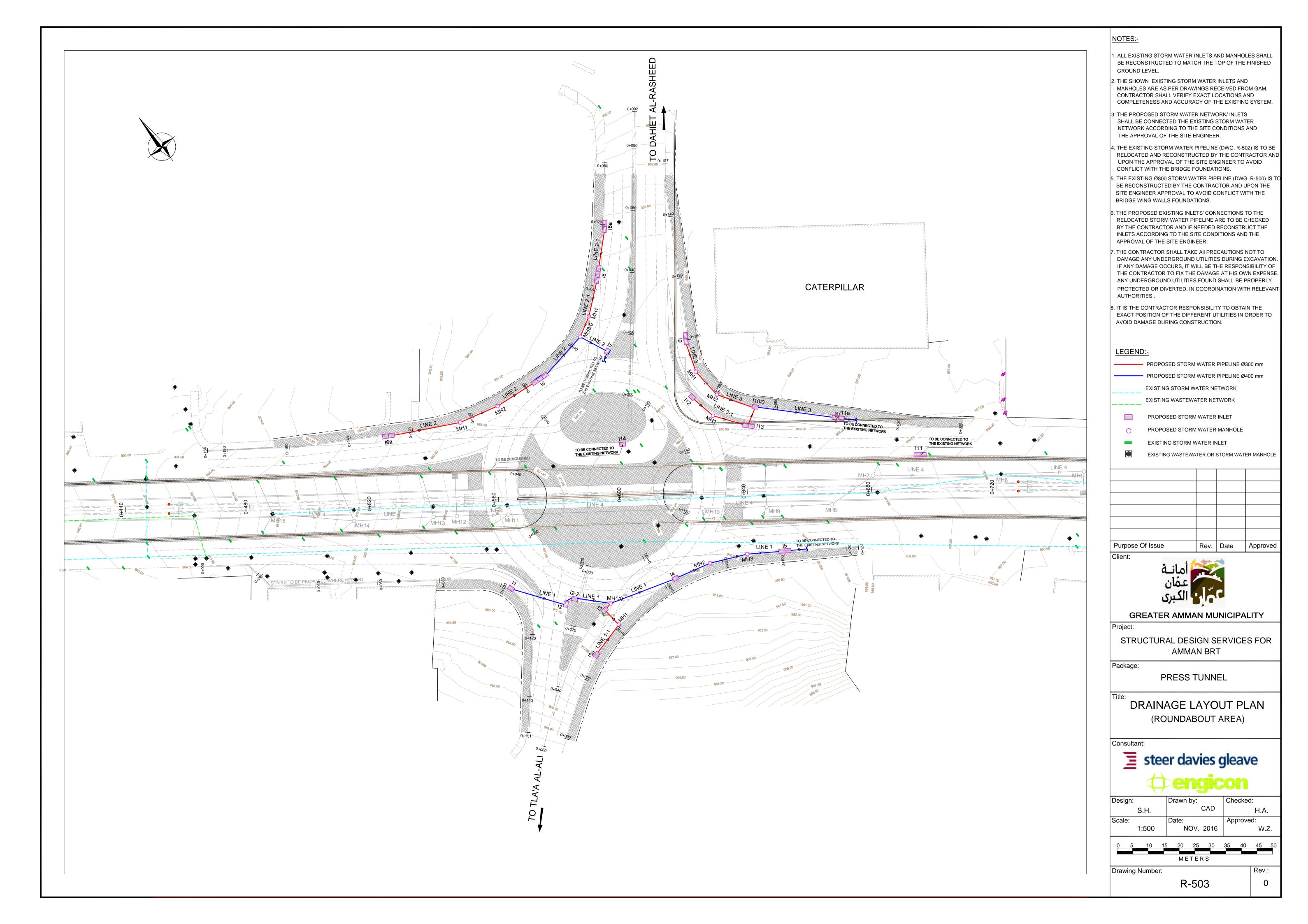


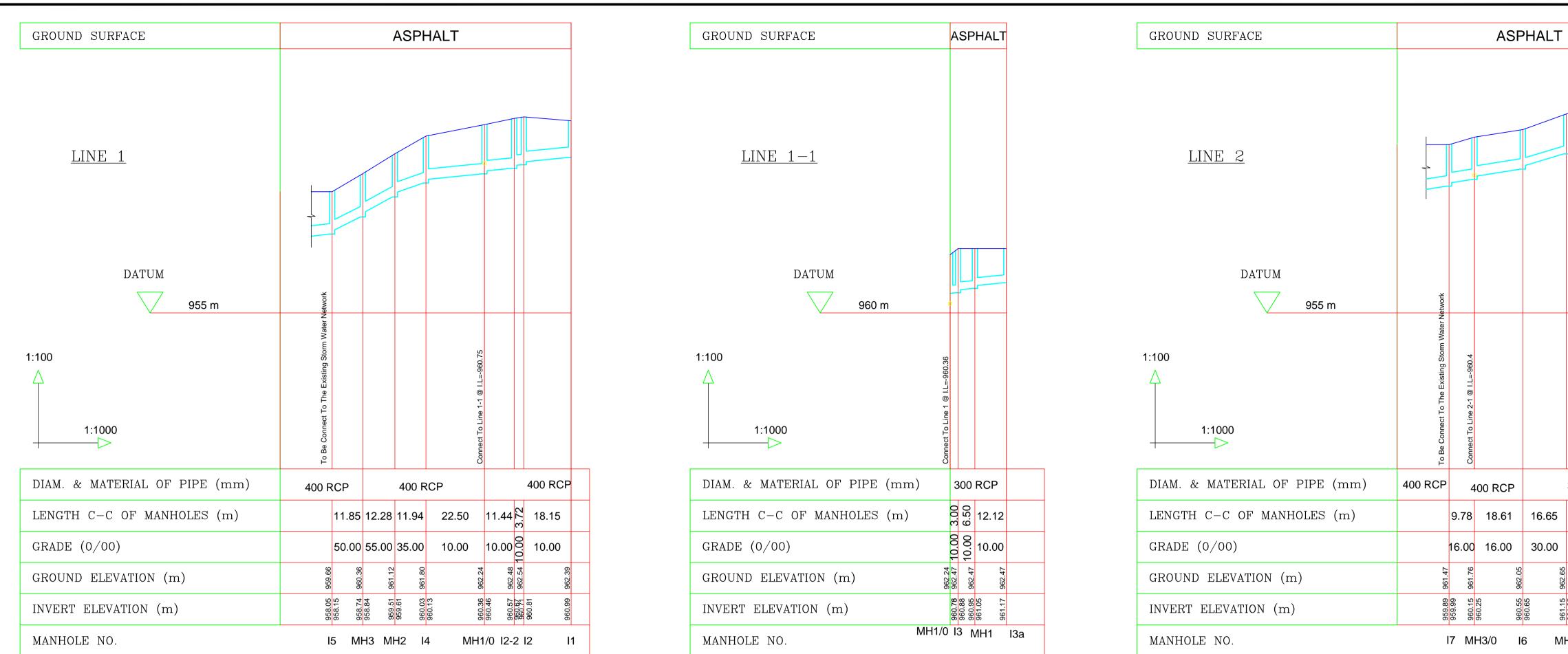
	NOTES:-			
	 ALL EXISTING STORM WATER INLETS AND MANHOLES SHALL BE RECONSTRUCTED TO MATCH THE TOP OF THE FINISHED GROUND LEVEL. THE SHOWN EXISTING STORM WATER INLETS AND 			
	MANHOLES ARE AS PER DRAW CONTRACTOR SHALL VERIFY E COMPLETENESS AND ACCURA	INGS RECEIVED FROM GAM. EXACT LOCATIONS AND CY OF THE EXISTING SYSTEM.		
	3. THE PROPOSED STORM WATER SHALL BE CONNECTED THE EX NETWORK ACCORDING TO THE THE APPROVAL OF THE SITE E	KISTING STORM WATER E SITE CONDITIONS AND		
	4. THE EXISTING STORM WATER PIPELINE (DWG. R RELOCATED AND RECONSTRUCTED BY THE CO UPON THE APPROVAL OF THE SITE ENGINEER T CONFLICT WITH THE BRIDGE FOUNDATIONS.			
	5. THE EXISTING Ø800 STORM WA BE RECONSTRUCTED BY THE C SITE ENGINEER APPROVAL TO BRIDGE WING WALLS FOUNDAT	AVOID CONFLICT WITH THE		
	6. THE PROPOSED EXISTING INLETS' CONNECTIONS TO THE RELOCATED STORM WATER PIPELINE ARE TO BE CHECKED BY THE CONTRACTOR AND IF NEEDED RECONSTRUCT THE INLETS ACCORDING TO THE SITE CONDITIONS AND THE APPROVAL OF THE SITE ENGINEER.			
	7. THE CONTRACTOR SHALL TAKE AII PRECAUTIONS NOT TO DAMAGE ANY UNDERGROUND UTILITIES DURING EXCAVATION IF ANY DAMAGE OCCURS, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIX THE DAMAGE AT HIS OWN EXPENS ANY UNDERGROUND UTILITIES FOUND SHALL BE PROPERLY PROTECTED OR DIVERTED, IN COORDINATION WITH RELEVAN AUTHORITIES .			
	 8. IT IS THE CONTRACTOR RESPONSIBILITY TO OBTAIN THE EXACT POSITION OF THE DIFFERENT UTILITIES IN ORDER TO AVOID DAMAGE DURING CONSTRUCTION. LEGEND:- PROPOSED INLETS CONNECTIONS - Ø300 mm PIPELINES - TO THE RELOCATED STORM WATER PIPELINE PROPOSED RELOCATED STORM WATER PIPELINE Ø400 mm PROPOSED RELOCATED STORM WATER PIPELINE Ø600 mm EXISTING STORM WATER NETWORK 			
	PROPOSED STORM WA			
	O PROPOSED STORM WATER MANHOLE			
8	EXISTING STORM WAT	ER INLET ER OR STORM WATER MANHOLE		
8				
	Purpose Of Issue	Rev. Date Approved		
96	Client: عمّان عمّان GREATER AMMAN MUNICIPALITY			
	Project:			
	AMMA	IGN SERVICES FOR N BRT		
	Package: PRESS TUNNEL Title: DRAINAGE LAYOUT PLAN			
	Consultant:			
	steer davies gleave			
	Design: Drawn by: Checked:			
	Scale: Date:	CAD H.A. Approved:		
		/. 2016 W.Z.		
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	Drawing Number: R-5	600 Rev.:		

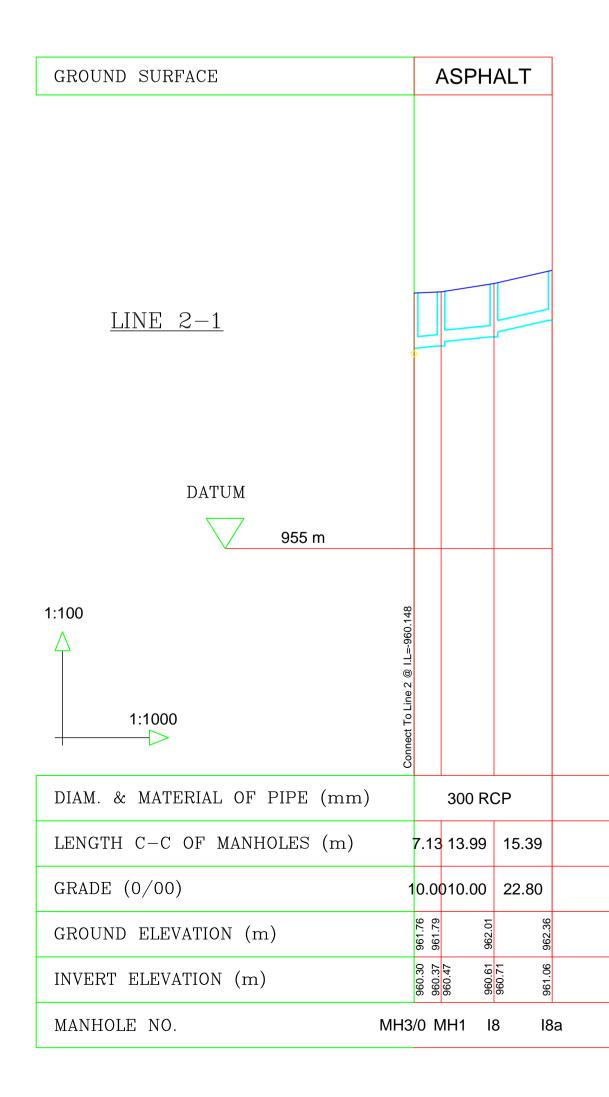




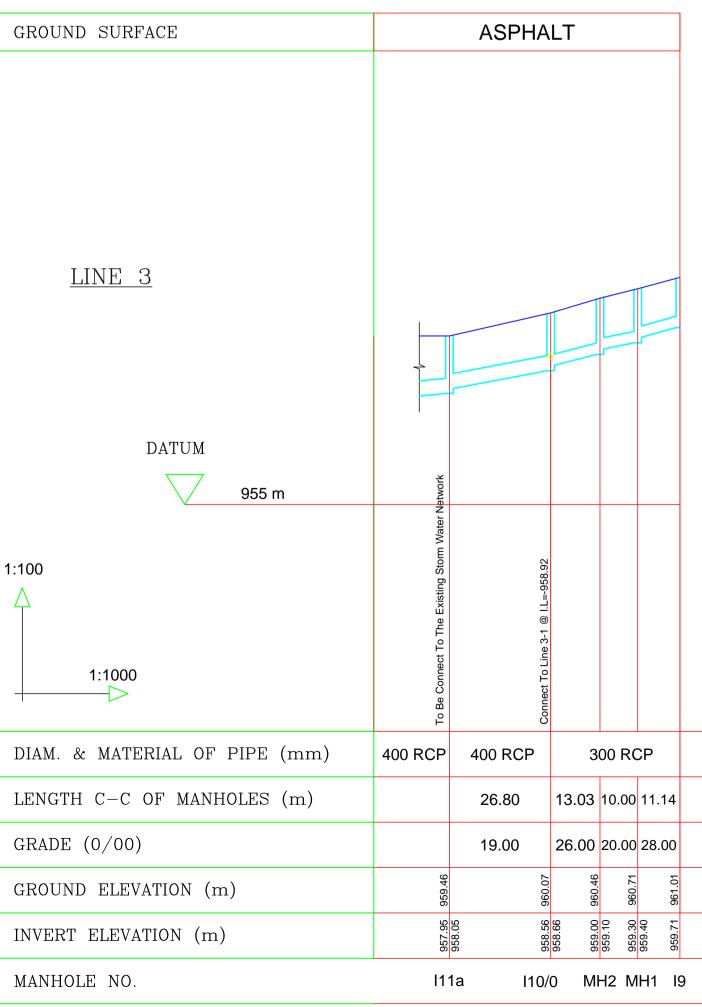
	NOTES:-		
	1. ALL EXISTING STORM WATER INLETS AND MANHOLES SHALL BE RECONSTRUCTED TO MATCH THE TOP OF THE FINISHED GROUND LEVEL.		
	2. THE SHOWN EXISTING STORM WATER INLETS AND MANHOLES ARE AS PER DRAWINGS RECEIVED FROM GAM. CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND COMPLETENESS AND ACCURACY OF THE EXISTING SYSTEM.		
	 THE PROPOSED STORM WATER NETWORK/ INLETS SHALL BE CONNECTED THE EXISTING STORM WATER NETWORK ACCORDING TO THE SITE CONDITIONS AND THE APPROVAL OF THE SITE ENGINEER. THE EXISTING STORM WATER PIPELINE (DWG. R-502) IS TO BE RELOCATED AND RECONSTRUCTED BY THE CONTRACTOR AND UPON THE APPROVAL OF THE SITE ENGINEER TO AVOID CONFLICT WITH THE BRIDGE FOUNDATIONS. 		
	5. THE EXISTING Ø800 STORM WA BE RECONSTRUCTED BY THE O SITE ENGINEER APPROVAL TO BRIDGE WING WALLS FOUNDAT	AVOID CONFLICT WITH THE	
	6. THE PROPOSED EXISTING INLETS' CONNECTIONS TO THE RELOCATED STORM WATER PIPELINE ARE TO BE CHECKED BY THE CONTRACTOR AND IF NEEDED RECONSTRUCT THE INLETS ACCORDING TO THE SITE CONDITIONS AND THE APPROVAL OF THE SITE ENGINEER.		
	 7. THE CONTRACTOR SHALL TAKE AII PRECAUTIONS NOT TO DAMAGE ANY UNDERGROUND UTILITIES DURING EXCAVATION. IF ANY DAMAGE OCCURS, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIX THE DAMAGE AT HIS OWN EXPENSE. ANY UNDERGROUND UTILITIES FOUND SHALL BE PROPERLY PROTECTED OR DIVERTED, IN COORDINATION WITH RELEVANT AUTHORITIES . 8. IT IS THE CONTRACTOR RESPONSIBILITY TO OBTAIN THE EXACT POSITION OF THE DIFFERENT UTILITIES IN ORDER TO AVOID DAMAGE DURING CONSTRUCTION. 		
	PROPOSED INLETS CONNECTIONS - Ø300 mm PIPELINES - TO THE RELOCATED STORM WATER PIPELINE		
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	EXISTING STORM WAT		
	EXISTING WASTEWATER OR STORM WATER MANHOLE		
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948.0(Purpose Of Issue Client: عمّان عمّان GREATER AMMA	Rev. Date Approved Image: Strain of the str	
1+080	Project: STRUCTURAL DESIGN SERVICES FOR AMMAN BRT		
Posto	Package: PRESS TUNNEL		
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	Consultant:	vies gleave	
TO SPORT CITY R		gicon	
	Design: Drawn by S.H.	r: Checked: CAD H.A.	
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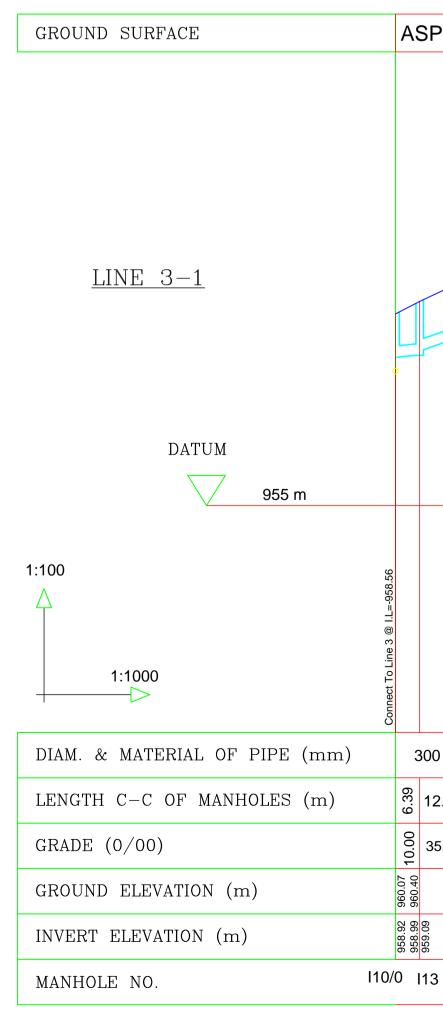




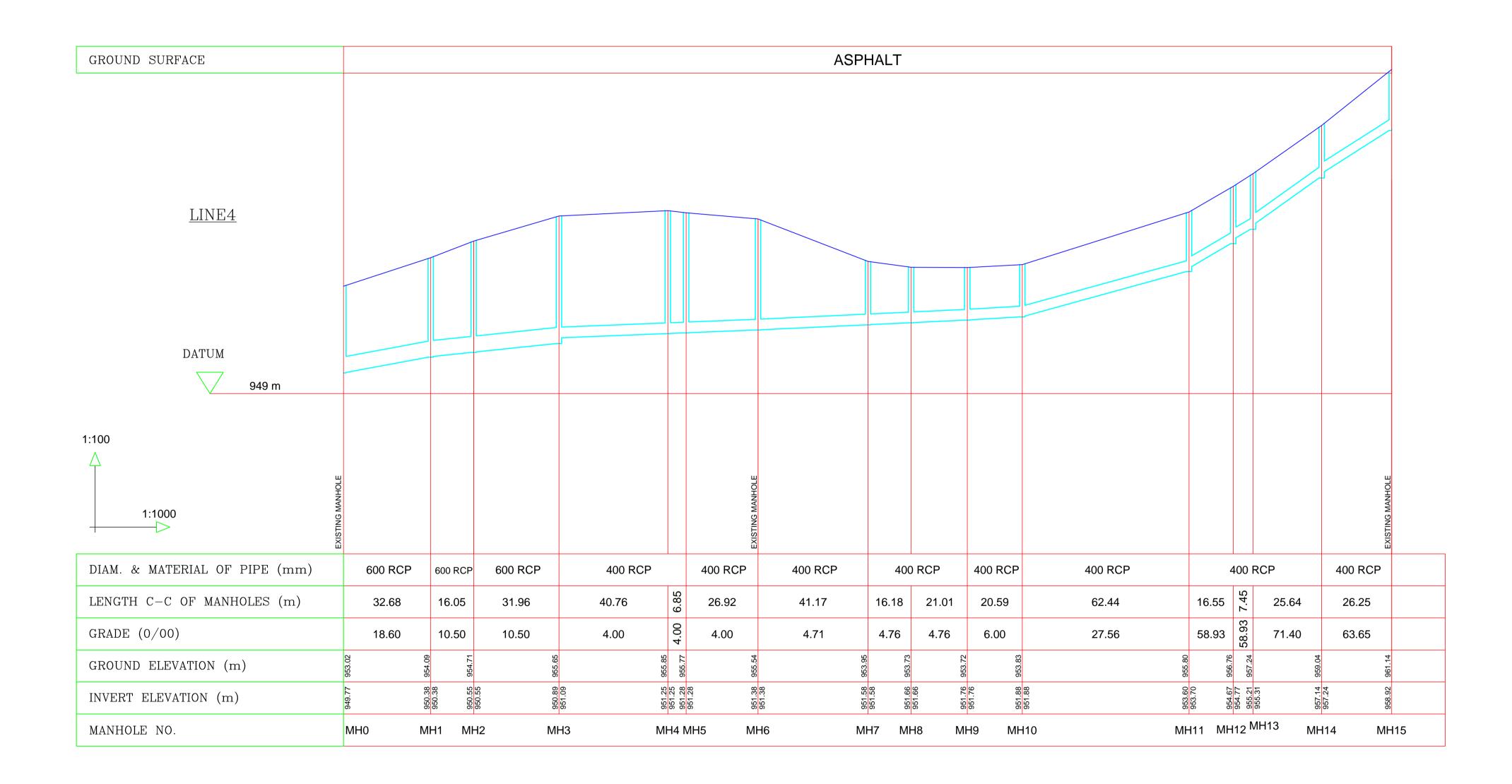


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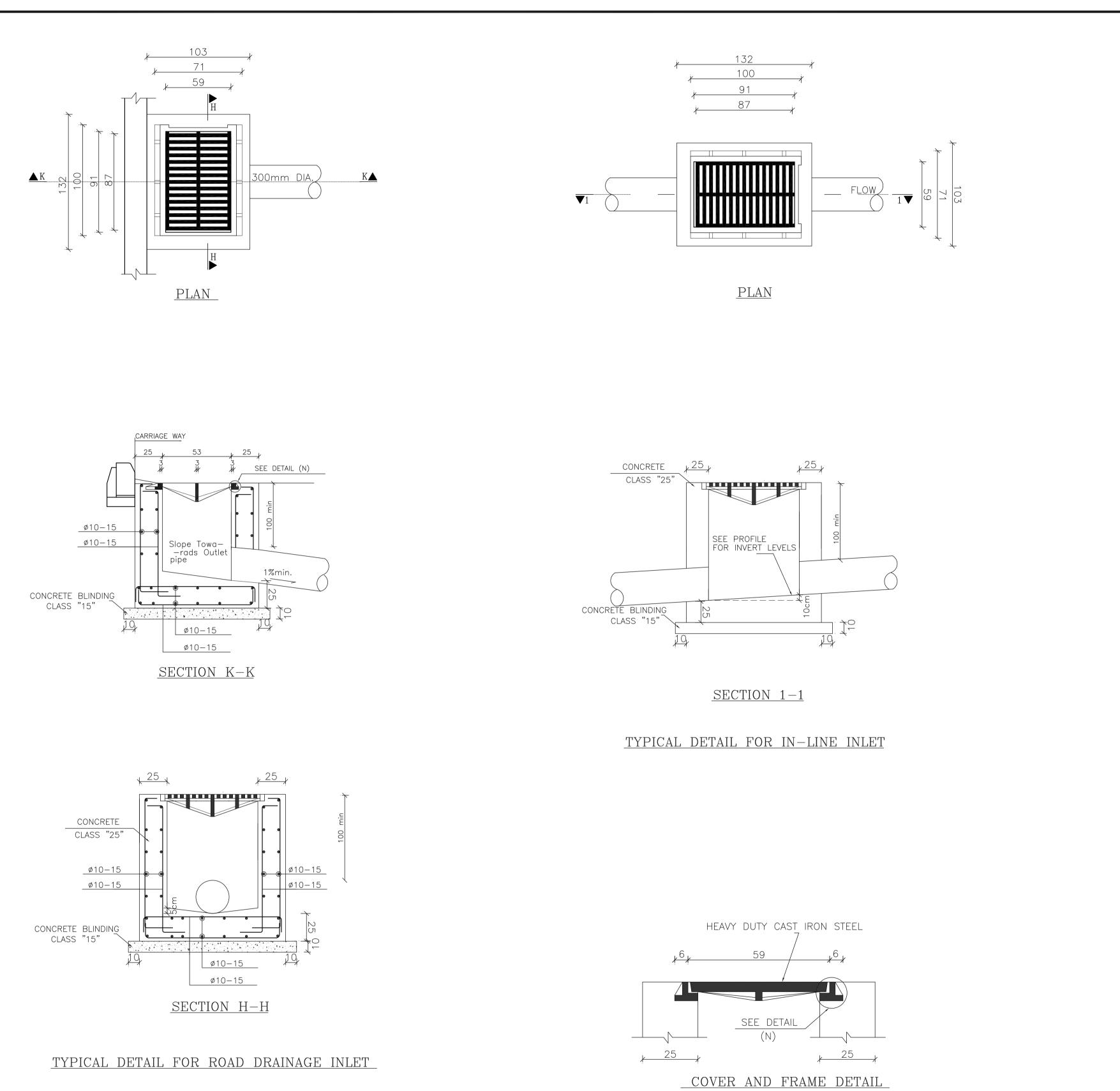


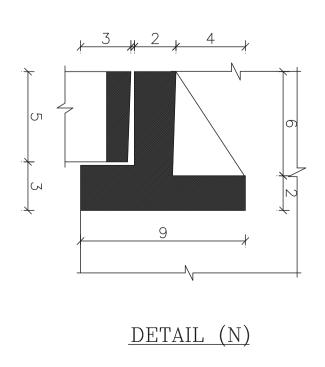


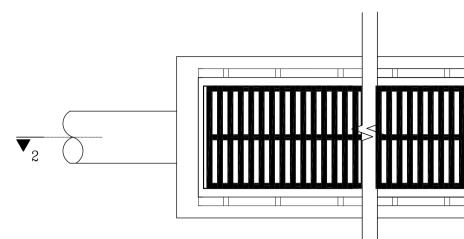
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	الكبرى
	GREATER AMMAN MUNICIPALITY
	Project: STRUCTURAL DESIGN SERVICES FOR
	AMMAN BRT
	Package: PRESS TUNNEL
	Title:
	DRAINAGE PROFILES
	LINES 1, 1-1, 2, 2-1, 3 & 3-1
	Consultant:
	steer davies gleave
00 RCP	
12.72 8.91	Design: Drawn by: Checked:
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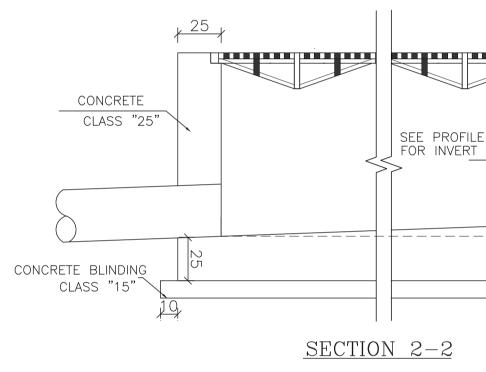
NOTES:-			
1. THE CONTRACTOR SHALL CH THE DIAMETERS FOR THE RI PIPELINE ACCORDING TO TH LEVELS AND DIAMETERS, S APPROVAL OF THE SITE ENG	ELOCATE HE EXIST ITE CONE	D STORM V	VATER JE INVERT
Purpose Of Issue	Rev	Date	Approved
Purpose Of Issue Rev. Date Approved Client: مانـة مانـة			
GREATER AMM	AN MU	JNICIPA	LITY
Project: STRUCTURAL DESIGN SERVICES FOR AMMAN BRT			
Package: PRESS	TUNN	EL	
Title: DRAINAGE PROFILE LINE - 4 (RELOCATED PIPELINE)			
Consultant: Steer davies gleave			
		con	
Design: Drawn by S.H. Drawn by Scale: Date: 1:1000 DE	y: CAD C. 2016	Checko Approv	H.A.
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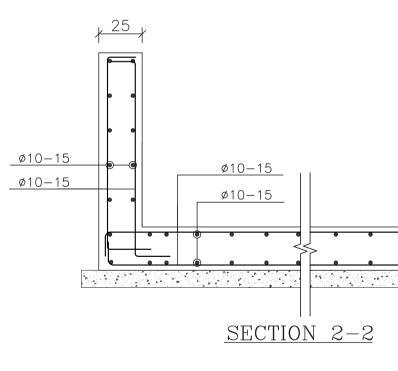






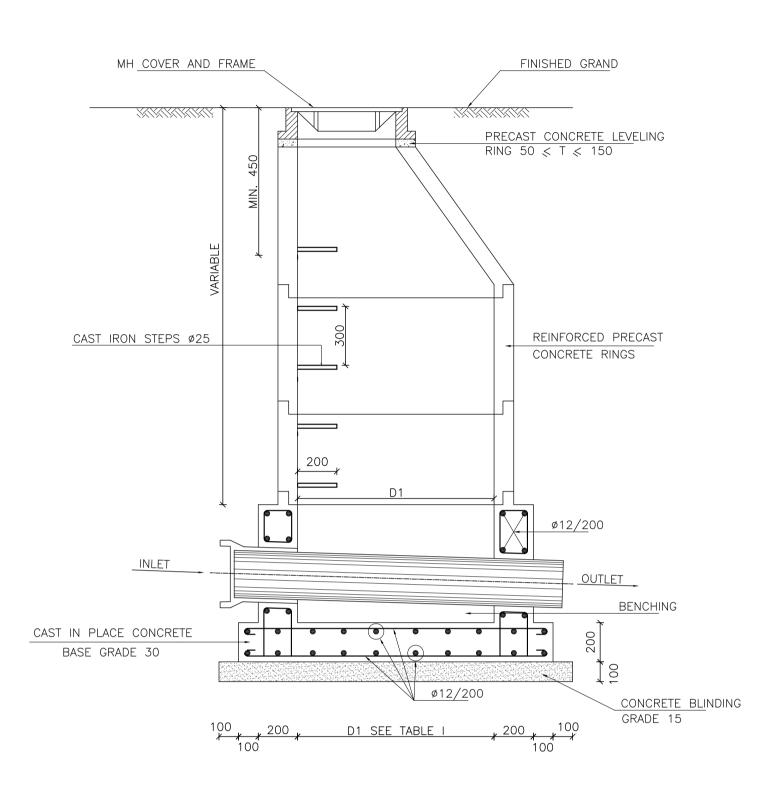
PLAN





TYPICAL DETAIL FOR MULTI

	NOTES:-
	1. UNLESS OTHERWISE INDICATED ALL DIMENSIONS ARE IN CENTIMETERS.
	2. ALL REINFORCEMENT BARS ARE GIVEN IN MILLIMETERS.
	3. FOR INLETS INVERT LEVELS REFER TO PROFILES
	DWG. R-520
FLOW	
+ 25 +	
100min.	
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	Purpose Of Issue Rev. Date Approved Client:
	المانية
	أمانــة عمّان الكبرى
. 25 .	الكبرى
$\frac{25}{1}$	GREATER AMMAN MUNICIPALITY
	Project:
• •	STRUCTURAL DESIGN SERVICES FOR
•••	AMMAN BRT
● ● Ø10−15	Package:
Ø10-15	PACKage: PRESS TUNNEL
	Title:
	STORM WATER INLETS DETAILS
LE INLET	Consultant:
<u>LE INLET</u>	steer davies gleave
	Design:Drawn by:Checked:S.HCADH.A
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	N.T.S DEC. 2016 W.Z.
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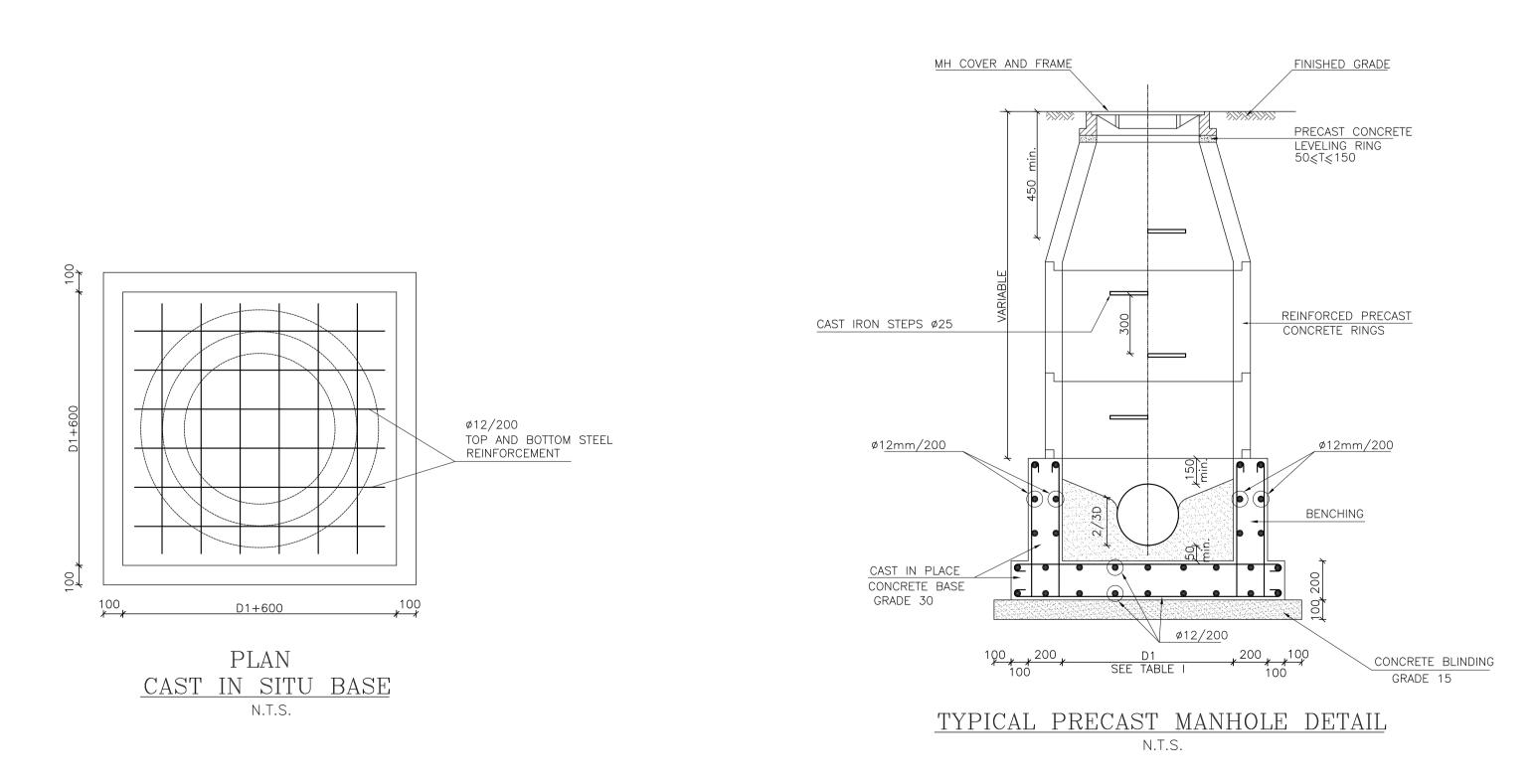
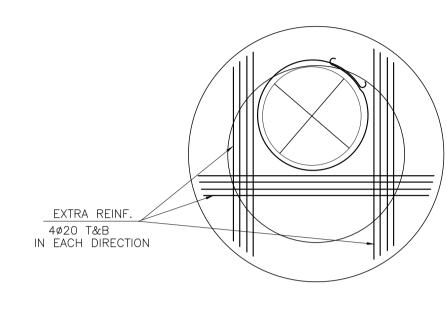
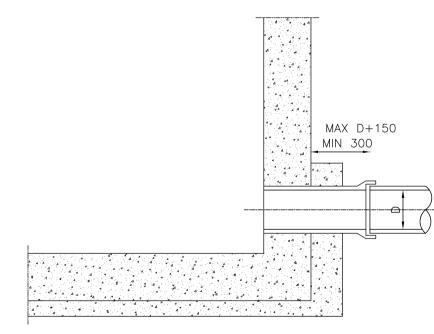


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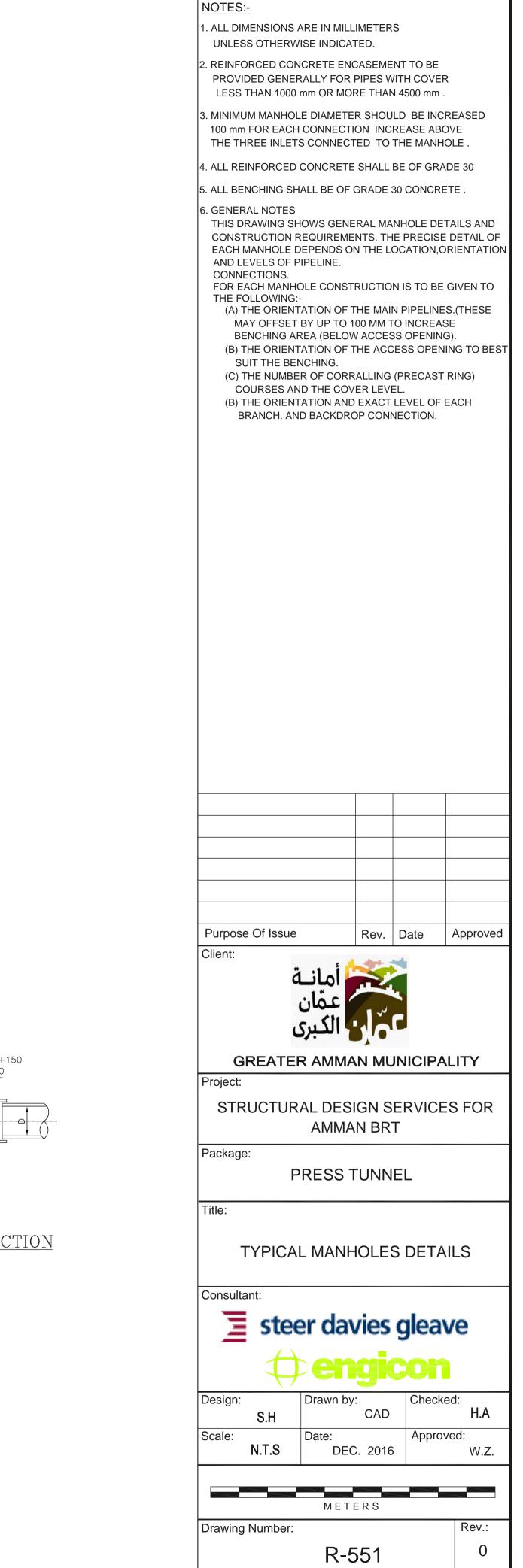
TABLE OF REQUIRE	D MIN. MANHOLE SIZES	
PIPE DIAMETER (D) INTERNAL MANHOLE (mm) DIAMETER (D1) (mm)		
300	900 PRE-CAST	
400	1000 PRE-CAST	

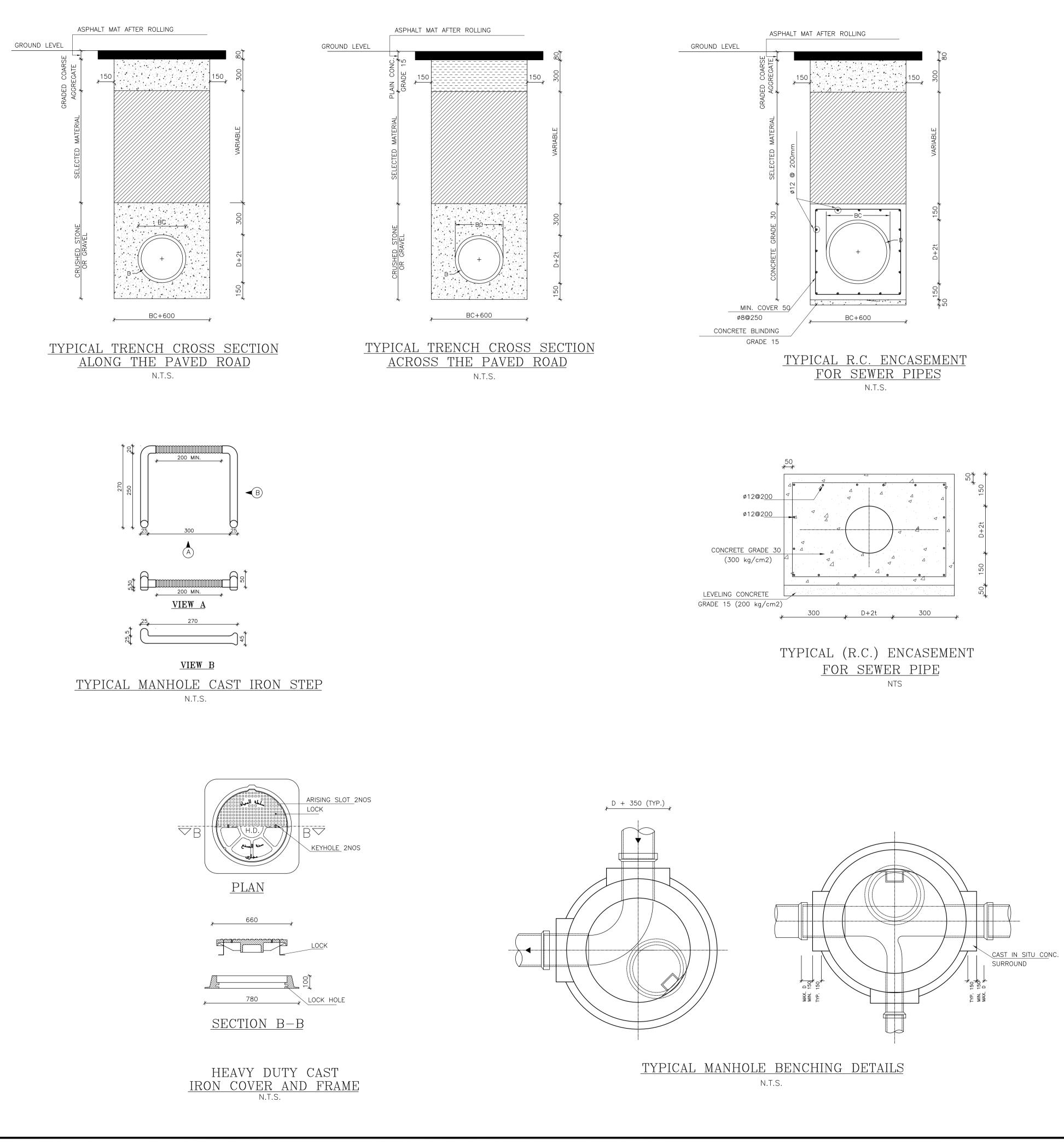


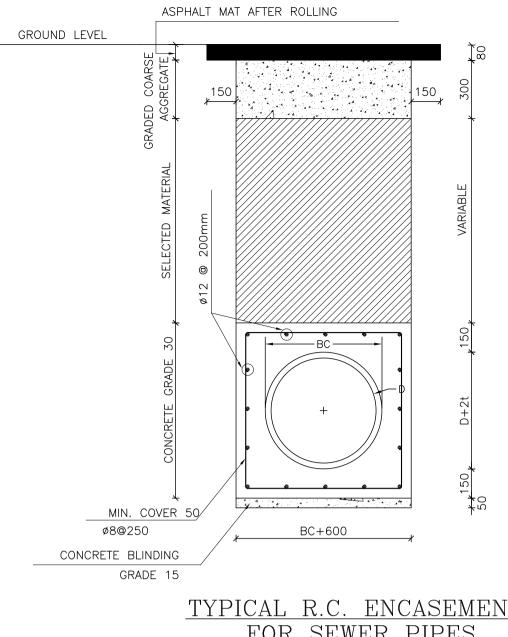




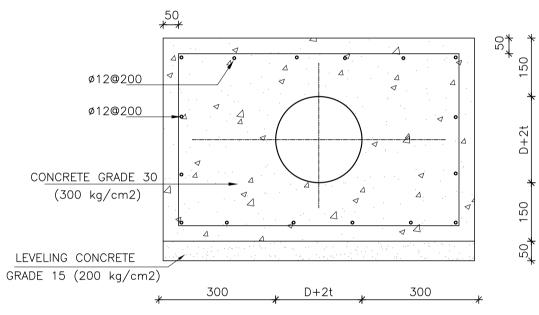
COUPLING AT MANHOLE JUNCTION FOR CONCRETE PIPES N.T.S.

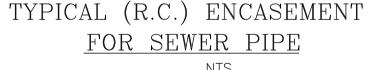












NOTES:-			
1. ALL DIMENSIONS ARE IN I		S	
UNLESS OTHERWISE IND 2. REINFORCED CONCRETE PROVIDED GENERALLY F	ENCASEME		R
LESS THAN 1000 mm OR 3. MINIMUM MANHOLE DIAM			
100 mm FOR EACH CONNE THE THREE INLETS CONN	CTION INC	REASE ABO THE MANH	OVE OLE .
4. ALL REINFORCED CONCR 5. ALL BENCHING SHALL BE			
6. GENERAL NOTES			
 THIS DRAWING SHOWS GENERAL MANHOLE DETAILS AND CONSTRUCTION REQUIREMENTS. THE PRECISE DETAIL OF EACH MANHOLE DEPENDS ON THE LOCATION, ORIENTATION AND LEVELS OF PIPELINE. CONNECTIONS. FOR EACH MANHOLE CONSTRUCTION IS TO BE GIVEN TO THE FOLLOWING: (A) THE ORIENTATION OF THE MAIN PIPELINES. (THESE MAY OFFSET BY UP TO 100 MM TO INCREASE BENCHING AREA (BELOW ACCESS OPENING). (B) THE ORIENTATION OF THE ACCESS OPENING TO BEST SUIT THE BENCHING. (C) THE NUMBER OF CORRALLING (PRECAST RING) COURSES AND THE COVER LEVEL. (B) THE ORIENTATION AND EXACT LEVEL OF EACH BRANCH. AND BACKDROP CONNECTION. 			
Purpose Of Issue	Rev.	Date	Approved
Client: ممان أمانية عمّان عمّان GREATER AMMAN MUNICIPALITY Project: STRUCTURAL DESIGN SERVICES FOR AMMAN BRT			
PRESS TUNNEL			
MANHOLE COVERS AND TRENCHES DETAILS			
Consultant:			
steer davies gleave			
Design: Drawr	by:	Check	ed:
Scale: N.T.S Date:	CAD DEC. 2016	Approv S	H.A ved: W.Z.

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