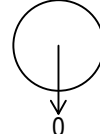
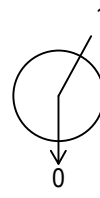
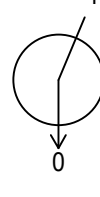
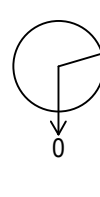
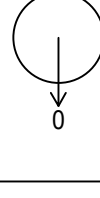
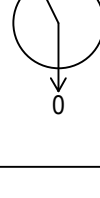
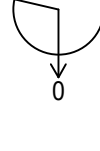
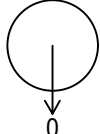
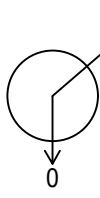
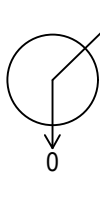
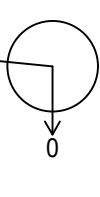


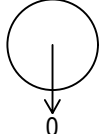
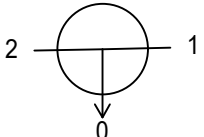
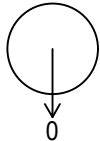
HIGHWAY NETWORK 1

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types		
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover	
S1	104.963					1200	B1/E	D400	
E. 441069.945	1.338								
N. 411190.055			0	1.000	103.400				225
S2	104.139		1	1.000	102.573	225	1200	B1/E	D400
E. 441081.902	1.341								
N. 411193.368			0	1.001	102.573	225			
S3	103.429		1	1.001	101.910	225	1200	B1/E	D400
E. 441089.022	1.294								
N. 411200.322			0	1.002	101.910	225			
S4	102.517		1	1.002	101.024	225	1200	B1/E	D400
E. 441094.190	1.268								
N. 411212.563			0	1.003	101.024	225			
S5	102.400		1	1.003	100.701	225	PROPOSED HIGHWAY SOAKAWAY. SEE LATEST REVISION OF DRAWING E18/7318/30 FOR CONSTRUCTION DETAILS.		
E. 441089.169	1.475		2	2.002	100.700	225			
N. 411216.688									
S6	103.285					1200	B1/E	D400	
E. 441059.942	1.360								
N. 411230.508			0	2.000	101.700				225
S7	102.541		1	2.000	100.924	225	1200	B1/E	D400
E. 441083.096	1.392								
N. 411228.227			0	2.001	100.924	225			
S8	102.317		1	2.001	100.803	225	1200	B1/E	D400
E. 441091.346	1.289								
N. 411223.099			0	2.002	100.803	225			

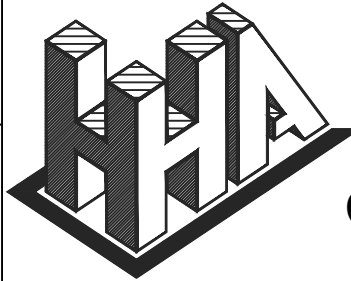
HIGHWAY NETWORK 3

Manhole Number		Cover Level	Connections	Pipe			Manhole Size	Types			
Coordinates		Depth To Soffit		Code		Inverts		Diams	Manhole	Cover	
S20		100.997					1200	B1/E	D400		
E.	441118.494	1.272									
N.	411235.729			0	1.000	99.500				225	
S21		100.297		1	1.000	98.775	225	1200	B1/E	D400	
E.	441136.782	1.297									
N.	411247.506			0	1.001	98.775	225				
S22		100.175		1	1.001	98.700	225	1200	B1/E	D400	
E.	441137.815	1.250									
N.	411254.904			0	1.002	98.700	225				
S23		100.651		1	1.002	98.435	225	1200	B	D400	
E.	441121.619	1.991									
N.	411275.930			0	1.003	98.435	225				
S24		100.400		1	1.003	98.245	225	PROPOSED HIGHWAY SOAKAWAY. SEE LATEST REVISION OF DRAWING E18/7318/30 FOR CONSTRUCTION DETAILS.			
E.	441135.431	1.930									
N.	411288.970										

HIGHWAY NETWORK 2

Manhole Number		Cover Level	Connections	Pipe			Manhole Size	Types		
Coordinates		Depth To Soffit		Code		Inverts		Diams	Manhole	Cover
S10		102.354								
E.	441111.450	1.279						1200	B1/E	D400
N.	411202.989			0	1.000	100.850	225			
S11		102.104		1	1.000	100.300	225	1200	B	D400
E.	441127.477	1.705		2	2.000	100.174	225			
N.	411182.363			0	1.001	100.174	225			
S12		101.800		1	1.001	100.123	225	PROPOSED HIGHWAY SOAKAWAY. SEE LATEST REVISION OF DRAWING E18/7318/30 FOR CONSTRUCTION DETAILS.		
E.	441132.828	1.452								
N.	411186.301									
S13		101.836						1200	B1/E	D400
E.	441137.358	1.311								
N.	411169.358			0	2.000	100.300	225			

RISK ASSESSMENT: SIGNIFICANT RISKS THAT CANNOT BE DESIGNED OUT		
RISK	LEVEL OF RISK (RLM)	SUGGESTED ACTION
DEEP EXCAVATIONS ASSOCIATED WITH NEW DRAINAGE WORKS	HIGH	ENSURE ALL EXCAVATIONS HAVE ADEQUATE TRENCH SUPPORTS
HANDLING LARGE DIAMETER MANHOLE RINGS AND CIRCULAR PIPES	HIGH	USE CORRECT LIFTING EQUIPMENT AND ENSURE OPERATIVES WEAR APPROPRIATE PROTECTIVE CLOTHINGHARD HATS/CORRECT PPE
CONTACT WITH SEWAGE	MED	OPERATIVES TO USE CORRECT BREATHING EQUIPMENT/CORRECT PPE
NOISE	MED	OPERATIVES TO USE CORRECT EAR PROTECTION/CORRECT PPE
DRAINAGE EXCAVATIONS ADJACENT EXISTING BOUNDARY STRUCTURES	HIGH	ENSURE CORRECT SUPPORTS ARE PROVIDED TO TRENCHES AND BUILDINGS WHERE REQUIRED
DRAINAGE EXCAVATION IN PUBLIC HIGHWAY	HIGH	ENSURE CORRECT USE OF TRENCH SUPPORTS IN EXCAVATION AND SCREEN BARRIERS TO PROTECT MEMBERS OF THE PUBLIC
MAINTAIN ACCESS TO ADJACENT PROPERTIES AND OCCUPIERS	HIGH	ENSURE WORKS ARE PROTECTED WITH BARRIERS AND SIGNS TO GUIDE THE PUBLIC AWAY FROM THE WORKS
DRAINAGE EXCAVATIONS NEAR TO EXISTING SERVICES	HIGH	ENSURE WORKS ARE PROTECTED WITH BARRIERS AND SIGNS TO GUIDE MEMBERS OF THE PUBLIC AWAY FROM THE AREA
WORKING IN CONFINED SPACES. WORKING IN DRAINS AND MANHOLES	HIGH	CONFINED SPACES WORKING TRAINED PERSONNEL ONLY TO CARRY OUT WORKS UNDER A PERMIT TO WORK SCHEME IMPLEMENTED BY CONTRACTOR. GAS TESTING TO TAKE PLACE BEFORE ALL ENTRIES TO CONFINED SPACES
WORKING IN HIGHWAYS / RISKS FROM VEHICLE AND PLANT	HIGH	ALL WORKS TO BE SIGNED AND FENCED FROM NORMAL VEHICULAR TRAFFIC. ALL WORKERS TO WEAR HIGH VISIBILITY CLOTHING. ALL PLANT TO HAVE VISUAL AND AUDIBLE WARNING SYSTEMS.
ROAD AND DRAINAGE CONSTRUCTION	HIGH	ALL EXCAVATIONS TO BE ADEQUATELY FENCED OFF AND SUPPORTED DURING CONSTRUCTION. ALL OPERATIVES TO BE TRAINED IN CORRECT METHODS OF LIFTING AND WORK IN ACCORDANCE WITH LOLER REGS
IT IS ASSUMED THAT WORKS ASSOCIATED WITH THIS DESIGN WILL BE UNDERTAKEN BY A PERSON OR PERSONS WHO ARE COMPETANT AND HAVE THE REQUIRED LEVEL OF EXPERIENCE AND EXPERTISE		



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Client

SAUL CONSTRUCTION

Project

HALL GARDENS, BRIERLEY - PHASE 2

Detail

MANHOLE SCHEDULE - SECTION 38

Dwn

CM

Chkd

MD

Date

Apr'21

Scale

NTS@A2

Dwg No.

E18/7318/07_02