Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S1	30.225					450	TYPE E PPIC	A15 450 x 450
E. 380656.7318	0.908		0 1.000		150			
N. 390278.7108								
S2	30.075		1 1.000		150	450	TYPE E PPIC	A15 450 x 450
E. 380673.3599	0.900							
N. 390264.4150			0 1.001		150			
S3	30.075		1 1.001		150	450	TYPE E PPIC	A15 450 x 450
E. 380663.6602	0.900							
N. 390253.5898			0 1.002		150			
S4	30.075		1 1.002		150	450	TYPE E PPIC	A15 450 x 450
E. 380659.1943	0.900							
N. 390253.3335			0 1.003		150			
S5	30.528		1.003		150	1200	C	D400 750 x 750
E. 380651.4303	1.516							
N. 390243.8778			0 1.004	29.012	600			
S6 (FC)	30.407		1 1.004	29.012	600	1200	C	D400 750 x 750
E. 393287.686	0.900							
N. 402296.904			0 1.005	28.907	225			
S7	29.980		1 1.005	28.907	225	1200	C	D400 750 x 750
			2 EX1		750			
E. 393304.878	0.415							
N. 402275.215			0 EX2	28.815	TBC			

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
F1	30.000					450	TYPE E PPIC	A15 450 x 450
E. 380630.4120	0.900							
N. 390264.1259			0 1.000	28.950	150			
F2	29.900		1 1.000	28.710	150	450	TYPE E PPIC	A15 450 x 450
E. 380637.9278	1.040							
N. 390258.0927			0 1.001	28.710	150			
F3	30.420		1 1.001	28.450	150	1200	C	D400 750 x 750
E. 380654.2427	1.250							
N. 390244.6056			0 1.002	28.450	150			

NOTES

1. ALL ADOPTABLE DRAINAGE WORKS HAVE BEEN DESIGNED AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH "SEWER SECTOR GUIDANCE" AND WATER AUTHORITY SUPPLEMENT GUIDELINES AND STANDARD DETAILS
2. ALL CLAY PIPE WORK SHALL BE EXTRA STRENGTH CLAYWARE TO B.S EN 295:1991 PART 1
3. ALL PRECAST CONCRETE PIPEWORK SHALL BE TO THE CLASS STATED ON THE DRAWINGS IN ACCORDANCE WITH B.S EN 1916:2002. ALSO, ALL MANHOLES AND CHAMBERS SHALL BE TO B.S EN 1917:2002
4. THE CONTRACTOR MAY ELECT TO USE REINFORCED PVC PIPES AS COVERED BY B.S 4660:2000 & B.S EN 1401-1. STRUCTURED WALL UPVC PIPES TO COMPLY WITH WIS 4-35-01 UP TO AND INCLUDING 300MM. (BY PRIOR AGREEMENT WITH ADOPTING AUTHORITY) MAX. PIPE LENGTH TO BE 3.0M
5. ALL LEVELS RELATE TO TOPOGRAPHICAL SURVEY DATUM
6. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS
7. PLOT DRAINAGE CONNECTIONS TO SEWERS MUST BE 150MM DIAMETER AND UNLESS OTHERWISE STATED LAID TO THE INVERT SHOWN.
8. LEVELS GIVEN ON DRAGOUT CHAMBERS ARE INCOMING PIPE LEVELS
9. PLOT DRAINAGE RUNS TO BE KEPT WITHIN THE CURTILAGE OF THE PLOT THEY SERVE WHEREVER POSSIBLE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ANY EXISTING INVERT LEVELS AND EXISTING SITE LEVELS (EXISTING BOUNDARY LEVELS) INDICATED ON DRAWINGS ARE CORRECT BEFORE WORKS COMMENCE.
11. ALL CONNECTIONS TO ADOPTABLE SEWERS SHALL BE MANUFACTURED JUNCTION PIPES. SADDLE CONNECTIONS WILL NOT BE PERMITTED, UNLESS SPECIFIED.
12. ALL SEWERS FOR ADOPTION WITH GREATER THAN 1.20M COVER IN ROADS OR 0.9M COVER IN FIELDS SHALL HAVE CLASS S GRANULAR BED AND SURROUND.
13. ANY SEWER FOR ADOPTION WITH LESS THAN 1.2M COVER IN ROADS OR 0.9M COVER IN FIELDS SHALL HAVE A MINIMUM OF 150MM ST4 CONCRETE SURROUND. FLEXIBILITY SHALL BE MAINTAINED BY THE PROVISION OF FLEXCELL OR SIMILAR APPROVED JOINT FILLER BREAKS IN THE CONCRETE SURROUND AT EACH PIPE JOINT
14. IT IS THE RESPONSIBILITY FOR THE CONTRACTOR TO CHECK ALL ONSITE EXISTING GROUND LEVELS PRIOR TO COMMENCING AND IF THERE ARE ANY DISCREPANCIES THE CONTRACTOR MUST REPORT TO THE ENGINEER IMMEDIATELY
15. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE DRAINAGE AUTHORITY OF THE COMMENCEMENT OF ANY DRAINAGE WORKS AND TO COMPLETE ANY REQUIRED SEWER CONNECTION FORMS INCLUSIVE OF PAYING ANY REQUIRED FEES. THE CONTRACTOR MUST ALLOW FOR THE SUPERVISION OF THE SEWER CONSTRUCTION WORKS BY THE LOCAL AUTHORITY AND NOTIFY THE SUPERVISING OFFICER, GIVING NOTICE WHICH IN ACCORDANCE WORTH THE L.A REQUIREMENTS.
16. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO APPLY FOR ANY REQUIRED ROAD OPENING PERMITS WITH THE LOCAL AUTHORITY INCLUDING THE PAYMENT OF ANY FEES
17. BEFORE COMMENCING ANY WORKS ON SITE, THE CONTRACTOR MUST CONTACT THE RELEVANT STATUTORY UNDERTAKER AND BE IN POSSESSION OF THE LATEST AVAILABLE DRAWINGS FROM THE STATUTORY UNDERTAKERS WHICH SHOWS DETAILS OF THEIR SERVICES/APPARATUS. THE CONTRACTOR MUST CONFIRM EXACT LOCATION AND DEPTH OF ANY SERVICES/APPARATUS BY THE USE OF ELECTRO-LOCATION OR SIMILAR DEVICES AND BY HAND DUG TRIAL HOLES. MECHANICAL EXCAVATOR, POWER TOOLS ETC. MUST NOT BE USED TO LOCATE EXISTING SERVICES/APPARATUS.
18. COUNCILS HIGHWAY SUPERVISION OFFICER REQUIRED ONSITE THROUGHOUT CONSTRUCTION. DESIGN SUBJECT TO CBR TESTING TO BE AGREED WITH HIGHWAYS OFFICER ONSITE.

Rev:	Description:	Date:	By:	Chkd:
D	F1 & F2 updated to PPIC's	08.07.26	ET	DW
C	PPIC Manhole covers updated	07.07.26	ET	DW
B	Sizes and type updated	07.07.26	ET	DW
A	Client name updated and manholes added	03.06.26	ET	DW
/	First Issue.	17.10.25	ET	DW

Status:
PRELIMINARY

Client:
WATSON CONSTRUCTION LTD

Project:
THE PARK
WYTHENSHAW

Drg Title:
MANHOLE SCHEDULE
(FOUL & SURFACE)

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