MANHOLE SCHEDULE

Sheet 1 of 2

Manhole Number	Cover Level / Depth To Soffit	Connections	Pipe Code	Pipe Inverts	Pipe Diams	Manhole Size	Types Manhole	Types Cover
F1 E. 385868.902 N. 400296.443	64.187 1.037	0	0 0	1.000 63.050	100 100	600	PPIC	D400
F2 E. 385865.220 N. 400303.098	63.850 0.890	1 0	1 0	1.000 62.860	100 100	600	PPIC	F400
F3 E. 385849.507 N. 400299.434	63.850 1.092	1 0	1 0	1.001 62.658	100 100	600	PPIC	D400
F4 E. 385839.869 N. 400319.717	63.850 1.372	1 0	1 0	1.002 62.378	100 100	600	PPIC	D400
F5 E. 385843.271 N. 400321.375	63.850 1.419	1	1	1.003 62.331	100	600	PPIC	D400

MANHOLE SCHEDULE

Sheet 2 of 2

Manhole Number	Cover Level / Depth To Soffit	Connections	Pipe Code	Pipe Inverts	Pipe Diams	Manhole Size	Types Manhole	Types Cover
S1 E. 385858.582 N. 400280.131	63.850 0.300	0	0	1.000 63.400	150	600	PPIC	D400
S2 E. 385867.370 N. 400284.906	63.850 0.467	1 0	1 0	1.000 63.233	150	600	PPIC	D400
S3 E. 385859.355 N. 400300.127	63.850 0.639	2 1 0	1 2 0	2.001 1.001 1.002	150 150 63.061 63.061 63.061 150	600	PPIC	D400
S4 E. 385860.293 N. 400306.870	63.850 0.718	2 1 0	1 2 0	3.001 1.002 1.003	62.982 62.982 62.982 150 150 150	600	PPIC	D400
S5 E. 385857.229 N. 400312.453	63.850 0.782	2 1 0	1 2 0	4.000 1.003 1.004	62.918 62.918 62.918 150 150 150	600	PPIC	D400
S6 E. 385868.821 N. 400319.341	63.850 0.917	1 0	1 0	1.004 1.005	62.783 62.783 150 150	600	PPIC	D400
S7 CATCHPIT MANHOLE E. 385857.594 N. 400340.429	63.832 1.138	1 0	1 0	1.005 1.006	62.544 62.544 150 150	1050	TYPE C	D400
S8 TANK INLET E. 385855.260 N. 400340.213	63.807 1.136	1 0	1 0	1.006 1.007	62.521 62.521 150 150	1200	N/A	D400
S9 TANK OUTLET E. 385849.816 N. 400338.088	63.850 1.237	1 0	1 0	1.007 1.008	62.063 62.063 150 150	1200	N/A	D400
S10 CONTROL MANHOLE E. 385846.554 N. 400335.684	63.656 1.084	1 0	1 0	1.008 1.009	62.022 62.022 150 150	1200	CONTROL	D400
S12 E. 385855.663 N. 400284.926	63.850 0.300	0	0	2.000	63.400 150	600	PPIC	D400
S13 E. 385850.203 N. 400295.033	63.850 0.491	1 0	1 0	2.000 2.001	63.209 63.209 150 150	600	PPIC	D400
S14 E. 385841.555 N. 400317.132	63.850 0.300	0	0	3.000	63.400 150	600	PPIC	D400
S15 E. 385850.535 N. 400301.190	63.850 0.605	1 0	1 0	3.000 3.001	63.095 63.095 150 150	600	PPIC	D400
S16 E. 385851.521 N. 400322.888	63.850 0.300	0	0	4.000	63.400 150	600	PPIC	D400

GENERAL NOTES

1. SETTING OUT SHALL BE UNDERTAKEN USING ONLY THE INFORMATION GIVEN. DISTANCES SHOULD NOT BE SCALED FROM THIS DRAWING.
2. ALL SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DCG AND UNITED UTILITIES DETAILS & GUIDELINES.
3. THE MINIMUM GRAVITY PIPE DIAMETER UNDER ADOPTABLE HIGHWAYS SHALL BE 150MM
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION GIVEN WITH REGARDS TO EXISTING SERVICES AND DRAINAGE CONNECTIONS ETC. PRIOR TO COMMENCING THE WORKS. THE RATES SHALL INCLUDE FOR HAND DIG AROUND SERVICES WHERE NECESSARY. THE CONTRACTOR SHALL ADHERE TO THE CDM REGULATIONS AT ALL TIMES
5. THE OUTSIDES OF ALL SEWERS SHALL BE A MINIMUM OF 1.0M FROM KERB LINES AND THE OUTSIDE OF MANHOLES SHALL BE A MINIMUM OF 0.5M FROM KERB LINES
6. EXISTING FLOWS IN WATERCOURSES, SEWERS AND LAND DRAINS SHALL BE MAINTAINED AT ALL TIMES 7. ONLY TRAINED PERSONNEL SHALL BE PERMITTED TO ENTER CONFINED SPACES
7. ALL MATERIALS TO BEAR THE RELEVANT B.S. KITEMARK AND COMPLY FULLY WITH THE SPECIFICATIONS. ALL CONCRETE & CONCRETE PRODUCTS MUST USE SULPHATE RESISTANT CEMENT (UNLESS THE SITE INVESTIGATION REPORT PROVES THAT SULPHATE ATTACK FROM SOILS AND GROUNDWATER WILL NOT OCCUR TO WITHSTAND A CLASS
8. ALL OPENING NOTICES ETC. AS REQUIRED UNDER HIGHWAYS ACTS ETC. ARE TO BE OBTAINED PRIOR TO COMMENCEMENT OF WORKS. ALL WORKS ARE TO BE INSPECTED BY L.A., NHBC OR THE NETWORK OPERATOR AS APPLICABLE.
9. WHERE "ULTRA RIB" UPVC PIPES (OR SIMILAR APPROVED) ARE USED IN ADOPTABLE DRAINAGE THEY SHALL STILL BE HANDLED AND LAID IN ACCORDANCE WITH THE SPECIFICATION AND GUIDANCE ISSUED BY THE HIGH PERFORMANCE PIPE ASSOCIATION.
10. A CLASS S BED AND SURROUND MUST BE USED FOR SUCH PIPES. TRENCH BACKFILL IN HIGHWAYS TO WITHIN 1M OF HIGHWAY SHALL, AS DIRECTED BY THE HIGHWAY AUTHORITY BE A SUITABLE GRANULAR MATERIAL ALL IN ACCORDANCE WITH SEWERS FOR ADOPTION CL. 4.3.4. 12. SLAB LEVELS SHALL NOT BE VARIED WITHOUT REFERENCE TO THE ENGINEER FOR GUIDANCE
11. DOMESTIC DRAINAGE SHALL BE TO BUILDING REGULATIONS APPROVED DOCUMENT H. 110MM U.P.V.C. PIPES LAID TO THE FOLLOWING MINIMUM FALLS UNLESS OTHERWISE SHOWN.

	FOUL	S.W.
HEAD RUN	1 IN 40	1 IN 60
ELSEWHERE	1 IN 80	1 IN 100

12. POLYPROPYLENE INSPECTION CHAMBERS TO BE PROVIDED TO ALL PRIVATE DRAINAGE LESS THAN 1.10m DEEP. WHERE PRIVATE DRAINAGE RUNS ARE DEEPER THAN 1.10m, REDUCED ACCESS CHAMBERS TO BE PROVIDED.
13. WHEREVER PLASTIC PIPES ARE TO BE USED FOR THE CONSTRUCTION OF ADOPTABLE DRAINAGE, STRUCTURED WALL PLASTIC PIPES MUST BE USED WHICH MUST COMPLY WITH BS EN 13476-1 AND WIS 4-35-01

REV	DATE	DESCRIPTION	BY	CHK	APP
C01	22.10.2024	RIBA STAGE 5 (CONSTRUCTION) ISSUE	JJR	JCM	JCM
P03	07.02.2024	UPDATED TO SUIT NEW OUTFALL LOCATION	JPR	JCM	JCM
P02	01.02.2024	UPDATED TO SUIT LATEST OUTLINE DRAINAGE PLAN	JPR	JCM	JCM
P01	13.12.2023	PRELIMINARY ISSUE	JPR	JCM	JCM

DRAWING STATUS: **CONSTRUCTION**

CLIENT: CASEY

ARCHITECT: JOHN MCCALL ARCHITECTS

PROJECT: PALGRAVE AVENUE P500
MANCHESTER

TITLE: MANHOLE SCHEDULES

STATUS:	PROJECT No.	PROJECT	ORIGINATOR	VOL/SYS	LEVEL	TYPE	ROLE	DRAWING No.	REV:
S2	223-150	PAL -	AJP -	ZZ -	00 -	DR -		**C - 1010**	**C01**

SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
NTS	JPR	JPR	JCM	JLS	DEC 2023

AJP consulting engineers
EST. 1976
0151 227 1462 info@ajpltd.co.uk 1 Dale Street, Liverpool, L2 2ET