MANHOLE SCHEDULE

Sheet 1 of 1

Manhole Number / Coordinates	Cover Level / Depth To Soffit	Connections	Pipe: Code	Pipe: Inverts	Pipe: Diams	Manhole Size	Types: Manhole	Types: Cover
F1 E. 332986.187 N. 352252.154	95.680 0.280		0	1.000	95.300	100	450	E	B125
F2 E. 332987.382 N. 352251.879	95.680 0.330		1 0	1.000 1.001	95.250 95.250	100 100	600	E	B125
S1 E. 332982.163 N. 352258.309	96.910 0.300		0	1.000	96.510	100	300	E	B125
S2 E. 332973.907 N. 352250.509	95.830 0.300		1 0	1.000 1.001	95.430 95.430	100 100	450	E	B125
S3 (SOAKAWAY) E. 332964.550 N. 352241.580	95.300 1.300		1	1.001	93.900	100	-	-	-

NOTES

1. DO NOT SCALE FROM THIS DRAWING. USE ONLY WRITTEN DIMENSIONS.
2. ALL PIPE DIAMETERS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS OTHERWISE STATED.
3. LOCATIONS AND LEVELS OF CONNECTIONS TO EXISTING SEWERS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO COMMENCING WORKS. ANOMALIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
4. COVER LEVELS FOR MANHOLES AND INSPECTION CHAMBERS SHALL BE LAID FLUSH WITH THE ADJACENT SURFACING.
5. ALL WORKS TO COMPLY WITH "SEWERS FOR ADOPTION-7th EDITIONS AND THE WELSH MINISTERS STANDARDS AND THE REQUIREMENTS OF DCWW AS THE STATUTORY SEWERAGE UNDERTAKER". ALL WORKMANSHIP TO BE IN ACCORDANCE WITH CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY (CESWI) UNLESS OTHERWISE STATED.
6. PROPOSED PIPEWORK WITH LESS THAN THE FOLLOWING DEPTHS TO SOFFIT REQUIRES A CONCRETE SURROUND:
   - PROPOSED PIPEWORK WITH <1.2M DEPTH TO SOFFIT IN ROADS/SERVICE AREAS.
   - OR <0.9M DEPTH TO SOFFIT IN PEDESTRIAN AREAS & PAVED AREAS WITH 7.5T VEHICLE WEIGHT LIMIT.
   - OR <0.5M DEPTH TO SOFFIT IN PEDESTRIAN AREAS & PAVED AREAS WITH NO VEHICLE WEIGHT LIMIT.
   - OR <0.35M DEPTH TO SOFFIT IN LANDSCAPED AREAS REQUIRES CLASS Z BEDDING"
7. PIPEWORK BUILT THROUGH STRUCTURAL WALL SHALL HAVE 50mm CLEARANCE AND A SUITABLE LINTEL INSTALLED TO OPENING.FLEXIBLE JOINTS EITHER SIDE OF THE WALL SHOULD BE LOCATED NOT MORE THEN 150mm FROM THE FACE.
8. TYPE 3 AND 4 PPIC'S ARE BY WAVIN OR SIMILAR APPROVED.
9. ANY 100mm DIA PIPE WITHOUT A WC CONNECTION SHOULD NOT BE FLATTER THAN 1:40
10. ALL RWP'S ARE TO OUTFALL VIA PLASTIDRAIN INLET HOPPER GULLY - BN 110 P/E OR SIMILAR APPROVED.
11. A 30mm REDUCTION IN LEVEL HAS BEEN ALLOWED FOR IN THE CALCULATION OF INVERT LEVELS FOR ALL BRANCH CONNECTIONS TO PLASTIC INSPECTION CHAMBERS (AS PER WAVIN DETAILS). INVERT LEVELS REFER TO MAIN CHANNEL. IF ALTERNATIVE CHAMBERS ARE PROPOSED THIS VALUE MAY VARY AND THE DESIGNER SHOULD BE CONSULTED.
14. WHERE TYPE 3 CHAMBERS ARE PROPOSED, THESE ARE TO BE FITTED WITH A 300mm x 300mm OR 350mm DIA. REDUCED ACCESS OPENING WHERE THE DEPTH TO MAIN CHANNEL IS LESS THAN 1m.
15. ALL AREAS TO BE SCANNED FOR EXISTING BURIED SERVICES OR OTHER OBSTRUCTIONS PRIOR TO EXCAVATION WORKS.
16. PROPOSED FOUL DRAINAGE TO BE CONSTRUCTED IN ACCORDANCE WITH BUILDING REGULATIONS 2010 DRAINAGE & WASTE DISPOSAL - PART H 2015 EDITION.
17. ALL MANHOLE COVER LEVELS AND EXTERNAL FINISHED FLOOR LEVELS ARE TO BE CONFIRMED BY THE ARCHITECT. COVER LEVELS FOR MANHOLES AND INSPECTION CHAMBERS ARE INDICATIVE ONLY - THEY SHALL BE LAID FLUSH WITH THE ADJACENT SURFACING.
18. CONTRACTOR TO CONFIRM INVERT LEVEL OF PROPOSED CONNECTION ON EXISTING WELSH WATER COMBINED SEWER.
19. ALL SOIL STACK CONNECTIONS TO BELOW GROUND DRAINAGE TO BE 100mm Ø LAID AT MINIMUM 1:80 GRADIENT (MIN. 1WC), UNLESS OTHERWISE STATED ON DRAWING.
20. ANY REQUIRED FOUNDATION PENETRATION DETAILS TO BE PROVIDED BY STRUCTURAL ENGINEER.
21. CONNECTIONS UPSTREAM TO SVPS/SS TO BE DESIGNED BY OTHERS.
22. THE DEVELOPER MUST SELF-VET AND CERTIFY THAT THE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATIONS FOR THE PROPOSED ADOPTABLE LATERAL DRAIN ARE IN ACCORDANCE WITH THOSE SET OUT IN 'SEWERS FOR ADOPTION' 7TH EDITION, THE WELSH MINISTERS STANDARDS AND THE REQUIREMENTS OF DCWW AS THE STATUTORY SEWERAGE UNDERTAKER.
23. FOUL PIPEWORK TO BE VITRIFIED CLAY OR PLASTIC .VITRIFIED CLAY PIPES SHOULD COMPLY WITH REQUIREMENTS BS EN 295 FOR FOUL PIPES.
24. PLASTIC PIPEWORK IS TO BE INSTALLED (POLYPIPE OR SIMILAR APPROVED) IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION. ALL THERMOPLASTIC PIPEWORK SHALL COMPLY WITH THE REQUIREMENTS OF E2.21 & E2.22 (PAGE 89) OF SEWERS FOR ADOPTION 7TH EDITION.
25. ANY INTERNAL MANHOLES COVERS ARE TO BE LAID FLUSH WITH FINISHED FLOOR LEVEL AND ARE TO BE DOUBLE SEALED AIR TIGHT ODOUR-LESS COVERS.
26. THE LOCATION OF ANY INTERNAL MANHOLES TO BE CONFIRMED WITH ARCHITECT TO ENSURE MANHOLES ARE SUITABLE AND ACCESSIBLE WITH RESPECT TO FLOOR FINISHES.
27. ANY GREASE DRAINS THAT ARE DIRECTED TO GREASE TRAPS MUST USE CAST IRON PIPING SYSTEMS THAT ALLOW MECHANICAL CLEANING WHEN BLOCKAGES OCCUR.
28. ALL SVP LOCATIONS AND DISCHARGE UNITS ARE PROVIDED BY M&E ENGINEER OR ARCHITECT.
29. ALL SVPs ARE TO HAVE LOW LEVEL ACCESS PLATES.
30. FOUL DRAINAGE REST BENDS TO BE MINIMUM -450mm DEEP.
31. DRAINAGE CONNECTIONS TO BE MADE SOFFIT TO SOFFIT FOR SURFACE WATER.
32. SUBJECT TO A SECTION 104 ADOPTION AGREEMENT BEING COMPLETE, A SECTION 106 APPLICATION TO CONNECT TO THE FOUL & SURFACE WATER DRAINAGE SYSTEMS MUST BE MADE TO DCWW, THE DEVELOPER SHALL GIVE 21 DAYS' NOTICE PRIOR TO CONNECTION. THE WORKS MAY ONLY BE UNDERTAKEN BY AN SIP HEALTH AND SAFETY APPROVED CONTRACTOR."

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REV	DATE	DESCRIPTION	DRN	CHD	APP'D
R1	26/08/26	ORIGINAL ISSUE	BBP	CLS	AJF

DRG. STATUS

FOR INFORMATION

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DRG. TITLE

MANHOLE SCHEDULE

DRG.NO.	REV
26175-AJF-ZZ-ZZ-DR-C-502	R1

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