MANHOLE SCHEDULE (SURFACE WATER)

Manhole Number / Coordinates	Cover Level / Depth To Soffit	Connections	Pipe: Code	Pipe: Inverts	Pipe: Diams	Manhole Size	Types: Manhole	Types: Cover
RE01 E. 333602.824 N. 351378.418	85.000 0.950	0	0	1.000	83.900	150	150	RODDING EYE	A15
SW01 E. 333569.086 N. 351387.912	85.050 1.234	1 0	1 0	1.000 1.001	83.666 83.666	150 150	450	E	A15
SW02 E. 333567.308 N. 351381.128	85.000 1.231	1 0	1 0	1.001 1.002	83.619 83.619	150 150	450	E	A15
Carpark 1 E. 333553.925 N. 351393.071		0	0	2.000	84.000	150		JUNCTION	
SW05 E. 333551.651 N. 351385.213	84.750 0.655	1 0	1 0	2.000 2.001	83.945 83.945	150 150	450	E	D400
SW03 E. 333562.309 N. 351382.421	84.940 1.205	2 1 0	1 2 0	1.002 2.001 1.003	83.585 83.589 83.510	150 150 225	450	CATCHPIT	D400
RE02 E. 333597.050 N. 351358.100	85.000 0.450	0	0	3.000	84.400	150	150	RODDING EYE	A15
TANK01 E. 333558.571 N. 351369.126	84.830 1.187	2 1 0	1 2 0	3.000 1.003 1.004	83.497 83.418 83.418	150 225 225	150	TANK	D400
SW04 E. 333562.258 N. 351359.110	84.870 1.365	1 0	1 0	1.004 1.005	83.355 83.355	225 150	600	D	D400
J01 E. 333564.558 N. 351358.104		1	1	1.005	83.240	150		JUNCTION	

MANHOLE SCHEDULE (FOUL WATER)

Manhole Number / Coordinates	Cover Level / Depth To Soffit	Connections	Pipe: Code	Pipe: Inverts	Pipe: Diams	Manhole Size	Types: Manhole	Types: Cover
F01 E. 333590.184 N. 351358.626	84.970 0.740	0	0	1.000	84.130	100	450	E	A15
F02 E. 333587.041 N. 351359.516	84.960 0.812	1 0	1 0	1.000 1.001	84.048 84.048	100 100	450	E	A15
EXF01 E. 333580.904 N. 351361.257	84.910 1.080	1 0	1 0	1.001 1.002	83.730 83.730	100 100	EXISTING	EXISTING	EXISTING
EXF02 E. 333577.444 N. 351362.480	84.950 1.290	1 0	1 0	1.002 1.003	83.560 83.560	100 100	EXISTING	EXISTING	EXISTING
F03 E. 333564.749 N. 351377.281	84.950 0.720	0	0	2.000	84.130	100	450	E	D400
F04 E. 333561.791 N. 351366.762	84.920 1.020	1 0	1 0	2.000 2.001	83.800 83.800	100 100	450	E	D400
EXF04 E. 333567.533 N. 351365.119	84.930 1.430	2 1	1 2	1.003 2.001	83.400 83.400	100 100	EXISTING	EXISTING	EXISTING

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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 ARE INDICATIVE ONLY - THEY SHALL BE LAID FLUSH WITH THE ADJACENT SURFACING.
5. ALL WORKS TO COMPLY WITH "DESIGN & CONSTRUCTION GUIDE LATEST EDITION". 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 & DOMESTIC DRIVEWAYS WITH 7.5T VEHICLE WEIGHT LIMIT.
- OR <0.5m DEPTH TO SOFFIT IN PEDESTRIAN AREAS & DOMESTIC DRIVEWAYS 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 D AND E PPC'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 PiE 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.
12. ALL AREAS TO BE SCANNED FOR EXISTING BURIED SERVICES OR OTHER OBSTRUCTIONS PRIOR TO EXCAVATION WORKS.
13. PROPOSED FOUL DRAINAGE TO BE CONSTRUCTED IN ACCORDANCE WITH BUILDING REGULATIONS 2010 DRAINAGE & WASTE DISPOSAL - PART H 2015 EDITION.
14. 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.
15. CONTRACTOR TO CONFIRM INVERT LEVELS OF PROPOSED CONNECTION ON EXISTING SEWERS / DRAINS.
16. 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.
17. ANY REQUIRED FOUNDATION PENETRATION DETAILS TO BE PROVIDED BY STRUCTURAL ENGINEER.
18. CONNECTIONS UPSTREAM TO SVPS/SS TO BE DESIGNED BY OTHERS.
19. 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, AND THE REQUIREMENTS OF THE STATUTORY SEWERAGE UNDERTAKER.
20. FOUL PIPEWORK TO BE VITRIFIED CLAY OR PLASTIC VITRIFIED CLAY PIPES SHOULD COMPLY WITH REQUIREMENTS BS EN 295 FOR FOUL PIPES.
21. PLASTIC PIPEWORK IS TO BE INSTALLED (POLYPIPE OR SIMILAR APPROVED) IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION.
22. ALL SVP/AAV/SS LOCATIONS AND DISCHARGE UNITS ARE PROVIDED BY M&E ENGINEER OR ARCHITECT.
23. FOUL DRAINAGE REST BENDS TO BE MINIMUM -450mm DEEP.
24. DRAINAGE CONNECTIONS TO BE MADE SOFFIT TO SOFFIT FOR SURFACE WATER.

REV	DATE	DESCRIPTION	DRN	CHD	APPD
T1	07/08/2026	FIRST ISSUE. FOR TENDER	TGD	CLS	AJF

DRG. STATUS

TENDER

AJF ENGINEERING CONSULTANTS

CLIENT

WREXHAM COUNTY BOROUGH COUNCIL

PROJECT

WREXHAM SCOUTS & GUIDES, PRICE'S LANE, WREXHAM LL11 2NB

DRG. TITLE

MANHOLE SCHEDULES

DRG.NO. 26142-AJF-ZZ-ZZ-DR-C-505

REV T1

A1