

SW NETWORK MANHOLE SCHEDULE

REF.	COVER LEVEL	EASTING	NORTHING	CHAMBER	INVERT LEVEL	DEPTH	SUMP DEPTH	TYPE	COVER	NOTES
001	255.029m	410323.131	418767.285	4500	254.500m - 1500 OUT	0.529m	0.000m	450 DIA PPIC INSPECTION CHAMBER	450x450 - CLASS B125	-
002	254.914m	410353.250	418789.626	4500	254.030m - 1500 IN 254.030m - 1500 OUT	0.884m	0.000m	450 DIA PPIC INSPECTION CHAMBER	450x450 - CLASS B125	-
003	255.212m	410332.320	418755.899	4500	254.070m - 1500 OUT	1.142m	0.000m	450 DIA PPIC INSPECTION CHAMBER	450x450 - CLASS D400	-
004	255.210m	410361.898	418778.129	6000	253.600m - 1500 IN 253.600m - 1500 IN 253.525m - 2250 OUT	1.685m	0.000m	600 DIA PPIC INSPECTION CHAMBER	600x600 - CLASS D400	REDUCED ACCESS
005	254.484m	410409.811	418828.905	4500	253.980m - 1500 OUT	0.504m	0.000m	450 DIA PPIC INSPECTION CHAMBER	450x450 - CLASS B125	-
006	254.909m	410372.997	418804.095	4500	253.500m - 1500 IN 253.500m - 1500 OUT	1.409m	0.000m	450 DIA PPIC INSPECTION CHAMBER	300x300 - CLASS B125	REDUCED ACCESS COVER
007	255.211m	410381.021	418792.203	6000	253.280m - 2250 IN 253.355m - 1500 IN 253.280m - 2250 OUT	1.931m	0.000m	600 DIA PPIC INSPECTION CHAMBER	600x600 - CLASS D400	REDUCED ACCESS
008	255.211m	410418.253	418817.282	4500	254.160m - 1500 OUT	1.051m	0.000m	450 DIA PPIC INSPECTION CHAMBER	450x450 - CLASS D400	-
009	255.211m	410393.959	418800.919	6000	253.250m - 1500 IN 253.175m - 2250 IN 253.175m - 2250 OUT	2.036m	0.000m	600 DIA PPIC INSPECTION CHAMBER	600x600 - CLASS D400	REDUCED ACCESS
010	255.308m	410404.017	418785.991	12000	252.370m - 2250 IN 252.370m - 3000 OUT	3.238m	0.300m	1,200 DIA TYPE B MANHOLE	600x600 - CLASS D400	-
011	255.075m	410341.251	418752.786	12000	253.655m - 3000 OUT	1.720m	0.300m	1,200 DIA TYPE C MANHOLE	600x600 - CLASS D400	OPEN GRATE COVER
012	255.075m	410349.244	418758.795	12000	253.605m - 3000 IN 253.605m - 3000 OUT	1.770m	0.300m	1,200 DIA TYPE C MANHOLE	600x600 - CLASS D400	OPEN GRATE COVER
013	255.075m	410357.237	418764.804	12000	253.555m - 3000 IN 253.555m - 3000 OUT	1.820m	0.300m	1,200 DIA TYPE C MANHOLE	600x600 - CLASS D400	OPEN GRATE COVER
014	255.075m	410367.628	418772.616	12000	253.490m - 3000 IN 253.490m - 3000 OUT	1.885m	0.300m	1,200 DIA TYPE C MANHOLE	600x600 - CLASS D400	OPEN GRATE COVER
015	255.087m	410375.961	418778.144	12000	253.440m - 3000 IN 253.440m - 3000 OUT	1.947m	0.300m	1,200 DIA TYPE C MANHOLE	600x600 - CLASS D400	OPEN GRATE COVER
016	255.099m	410384.294	418783.672	15000	253.390m - 3000 IN 253.315m - 3750 OUT	2.084m	0.300m	1,500 DIA TYPE C MANHOLE	600x600 - CLASS D400	OPEN GRATE COVER
017	255.100m	410392.627	418789.200	15000	253.280m - 3750 IN 253.280m - 3750 OUT	2.120m	0.300m	1,500 DIA TYPE C MANHOLE	600x600 - CLASS D400	OPEN GRATE COVER
018	255.100m	410400.927	418794.778	15000	253.245m - 3750 IN 253.245m - 3750 OUT	2.155m	0.300m	1,500 DIA TYPE C MANHOLE	600x600 - CLASS D400	OPEN GRATE COVER
019	255.100m	410409.221	418800.366	15000	253.210m - 3750 IN 253.210m - 3750 OUT	2.190m	0.300m	1,500 DIA TYPE C MANHOLE	600x600 - CLASS D400	OPEN GRATE COVER
020	255.099m	410417.514	418805.953	15000	253.030m - 3750 IN 253.030m - 3750 OUT	2.369m	0.300m	1,500 DIA TYPE C MANHOLE	600x600 - CLASS D400	OPEN GRATE COVER
021	255.100m	410432.240	418815.857	15000	252.700m - 3750 IN 252.700m - 3750 OUT	2.700m	0.300m	1,500 DIA TYPE B MANHOLE	600x600 - CLASS D400	OPEN GRATE COVER
022-SEPARATOR-OUT	255.224m	-	-	-	252.440m - 3750 IN 252.440m - 3750 OUT	2.784m	0.000m	-	AS PER MANUFACTURERS SPECIFICATION - CLASS D400	-
022-SEPARATOR-IN	255.224m	-	-	-	252.540m - 3750 IN 252.540m - 3750 OUT	2.684m	0.000m	-	AS PER MANUFACTURERS SPECIFICATION - CLASS D400	-
023-FC	255.306m	410439.678	418810.017	15000	252.175m - 3000 IN 252.175m - 3750 IN 252.125m - 1500 OUT	3.431m	0.250m	1,500 DIA TYPE B MANHOLE	1220x675 - CLASS D400	FLOW CONTROL CHAMBER
024	255.306m	410445.898	418814.207	15000	252.048m - 1500 IN 251.898m - 3000 IN 251.898m - 3000 OUT	3.408m	0.000m	1,500 DIA TYPE C MANHOLE	600x600 - CLASS D400	-

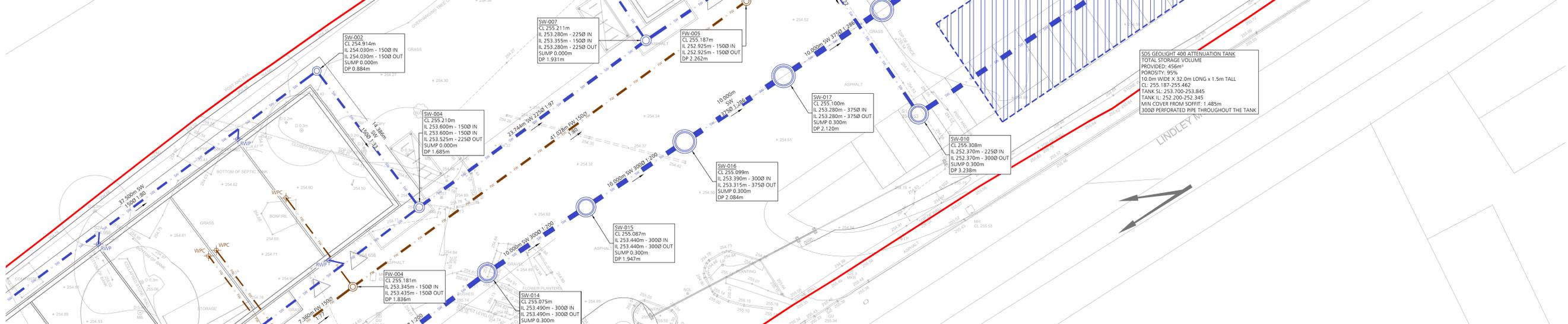
FW NETWORK MANHOLE SCHEDULE

REF.	COVER LEVEL	EASTING	NORTHING	CHAMBER	INVERT LEVEL	DEPTH	SUMP DEPTH	TYPE	COVER	NOTES
001	255.182m	410332.124	418753.249	4500	253.830m - 1500 OUT	1.352m	0.000m	450 DIA PPIC INSPECTION CHAMBER	450x450 - CLASS D400	REDUCED ACCESS
002	255.182m	410338.646	418758.152	4500	253.625m - 1500 IN 253.625m - 1500 OUT	1.557m	0.000m	450 DIA PPIC INSPECTION CHAMBER	450x450 - CLASS D400	REDUCED ACCESS
003	255.182m	410350.412	418766.996	4500	253.440m - 1500 IN 253.435m - 1500 OUT	1.742m	0.000m	450 DIA PPIC INSPECTION CHAMBER	450x450 - CLASS D400	REDUCED ACCESS
004	255.181m	410356.296	418771.419	4500	253.345m - 1500 IN 253.345m - 1500 OUT	1.836m	0.000m	450 DIA PPIC INSPECTION CHAMBER	450x450 - CLASS D400	REDUCED ACCESS
005	255.187m	410389.498	418795.520	4500	252.925m - 1500 IN 252.925m - 1500 OUT	2.262m	0.000m	450 DIA PPIC INSPECTION CHAMBER	450x450 - CLASS D400	REDUCED ACCESS
006	255.188m	410401.706	418803.745	4500	252.775m - 1500 IN 252.775m - 1500 OUT	2.413m	0.000m	450 DIA PPIC INSPECTION CHAMBER	450x450 - CLASS D400	REDUCED ACCESS
007	255.188m	410413.914	418811.969	4500	252.625m - 1500 IN 252.625m - 1500 OUT	2.563m	0.000m	450 DIA PPIC INSPECTION CHAMBER	450x450 - CLASS D400	REDUCED ACCESS
008	255.187m	410426.122	418820.194	4500	252.475m - 1500 IN 252.475m - 1500 OUT	2.712m	0.000m	450 DIA PPIC INSPECTION CHAMBER	450x450 - CLASS D400	REDUCED ACCESS
009	255.187m	410434.331	418825.724	4500	252.380m - 1500 IN 252.380m - 1500 OUT	2.807m	0.000m	450 DIA PPIC INSPECTION CHAMBER	450x450 - CLASS D400	REDUCED ACCESS
010-TREATMENT PLANT	255.129m	410436.929	418821.868	-	252.360m - 1500 IN 252.280m - 1500 OUT	2.849m	0.000m	AS PER MANUFACTURERS SPECIFICATION - CLASS D400	-	-
011	255.156m	410439.510	418818.037	4500	252.260m - 1500 IN 252.260m - 1500 OUT	2.896m	0.000m	450 DIA PPIC INSPECTION CHAMBER	450x450 - CLASS D400	REDUCED ACCESS

SW BYPASS SEPARATOR SPEL 330C/ESR WITH 2x ACCESS CHAMBERS FITTED WITH AUTOMATIC WARNING DEVICE OR HIGH LEVEL ALARM. CATCHMENT: 4,000m². 4.420m LONG x 1.800m WIDE CL 255.224 INLET IL: 252.540 3750 OUTLET IL: 252.440 3750

FW TREATMENT PLANT MARSH ENSIGN: ULTRA SOPE 5.2m LONG x 1.91m WIDE CL 255.129 INLET IL: 252.360 1500 OUTLET IL: 252.280 1500

RWP/WPC POP UP LOCATIONS TO BE CONFIRMED.



DO NOT SCALE

DESIGNERS HAZARD IDENTIFICATION

IT IS ASSUMED THAT ALL WORKS WILL BE UNDERTAKEN BY A COMPETENT CONTRACTOR WORKING UNDER THE SUPERVISION OF AN APPROVED METHODOLOGIST. WHERE APPROPRIATE TO THE HAZARDS TYPICALLY ASSOCIATED WITH THE TYPE OF CONSTRUCTION DETAILS ON THIS DRAWING, ANY KNOWN ABNORMAL HAZARDS SPECIFIC TO THIS SCHEME HAVE BEEN IDENTIFIED.

ABNORMAL HAZARD REFERENCE

NOTES

- DO NOT SCALE FROM THIS DRAWING.
- THIS DRAWING IS TO BE REPRODUCED IN COLOUR.
- IF ANY DISCREPANCIES ARE FOUND IN THIS DRAWING, PLEASE REPORT TO DUDLEYS CONSULTING ENGINEERS.
- THIS DRAWING HAS BEEN ORIENTATED TO OS BRITISH NATIONAL GRID (EPSG:27700 OSGB80). EXISTING SURVEY STATIONS ARE SHOWN ON THE TOPOGRAPHICAL SURVEY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND THE FOLLOWING SPECIFICATIONS:
 - 5.1. ENGSPEC 06 - ROAD, PAVING AND CAR PARKING AREAS
 - 5.2. ENGSPEC 17 - DRAINAGE WORK
 - 5.3. ENGSPEC 24 - SPECIFICATION FOR HIGHWAY DRAINAGE
- THIS DRAWING IS BASED ON THE FOLLOWING INFORMATION:
 - 6.1. P20-01/09A-MET-EXT-XX-TOP-M2-G-001 - TOPOGRAPHICAL SURVEY BY MET GEO
 - 6.2. ENVIRONMENTAL DATED OCT 2020, 3002 - SITE LAYOUT PLAN BY KPP DATED SEP 2025.
- ALL WORK TO BE UNDERTAKEN IN ACCORDANCE WITH THE CURRENT EDITION OF THE BUILDING REGULATIONS, SEWERAGE SECTOR CODES OF PRACTICE, AND THE RELEVANT LOCAL HIGHWAY AUTHORITY STANDARDS.
- THE POSITIONS OF EXISTING UTILITIES SHOWN ON THIS DRAWING HAVE BEEN BASED ON INFORMATION EXTRACTED FROM RECORDS OBTAINED FROM THE UTILITY PROVIDERS. THESE MUST BE REGARDED AS APPROXIMATE ONLY. THE ACCURACY OR COMPLETENESS OF THE INFORMATION OR THE LOCATION OF SUCH APPARATUS IS NOT GUARANTEED AND NO WARRANTY IS GIVEN OR IMPLIED REGARDING THE POSITION, DEPTH, SIZE OR GRADIENT THEREOF. THE CONTRACTOR MUST MAKE THEIR OWN ENQUIRIES OF THE UTILITY PROVIDERS AND PUBLIC AUTHORITIES AND SATISFY THEMSELVES AS TO THE EXACT POSITION, DEPTH, SIZE AND GRADIENT OF SERVICES. IN THE INTEREST OF SAFETY, THE APPROXIMATE POSITION OF UNDERGROUND CABLES SHOULD BE OBTAINED BY USE OF ELECTRONIC CABLE LOCATORS AND THIS POSITION CONFIRMED BY CAREFUL TRIAL-HOLING USING HAND-DUG METHODS.
- BEFORE UNDERTAKING ANY DRAINAGE WORKS, THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATION AND DEPTH OF THE FINAL CONNECTION POINTS). ANY DISCREPANCIES MUST BE NOTIFIED TO DUDLEYS CONSULTING ENGINEERS IMMEDIATELY TO ALLOW SUFFICIENT TIME FOR ANY NECESSARY DESIGN CHANGES. COMMENCING NEW DRAINAGE WORKS WITHOUT FIRST ESTABLISHING THE CONNECTION IS ENTIRELY AT THE CONTRACTOR'S OWN RISK AND MAY RESULT IN ABORTIVE WORK IF THE POSITION OR DEPTH OF THE CONNECTION POINT(S) DIFFERS TO WHAT IS DETAILED ON THIS DRAWING.

KEY

- PROPOSED PRIVATE SURFACE WATER SEWER
- PROPOSED PRIVATE SURFACE WATER MANHOLE
- PROPOSED PRIVATE SURFACE WATER PPIC
- PROPOSED PRIVATE SURFACE WATER ATTENUATION TANK
- PROPOSED SURFACE WATER SEPARATOR (TYPE AS SPECIFIED)
- PROPOSED SURFACE WATER RAIN WATER PIPE
- PROPOSED PRIVATE FOUL WATER SEWER
- PROPOSED PRIVATE FOUL WATER MANHOLE
- PROPOSED PRIVATE FOUL WATER PPIC
- PROPOSED PRIVATE WASTE POINT CONNECTION
- PROPOSED FOUL WATER TREATMENT PLANT
- PROPOSED DRAINAGE CHANNEL
- PROPOSED SURFACE WATER DRAINAGE CHANNEL SILT BOX
- PROPOSED SURFACE WATER DRAINAGE CHANNEL ACCESS POINT
- EXISTING CULVERTED WATERCOURSE
- EXISTING MANHOLE
- SITE BOUNDARY

29.10.25 UPDATED TO SUIT CLIENT COMMENTS AIB JA PO3
22.10.25 UPDATED TO SUIT CLIENT COMMENTS JA FD PO2
17.10.25 PRELIMINARY ISSUE AIB JA PO1

DATE REVISION DESCRIPTION BY CHK. REV.

DUDLEYS CONSULTING ENGINEERS

PROJECT: WAPPY SPRINGS HUDDERSFIELDS

TITLE: DRAINAGE STRATEGY SHEET 2 OF 2

SCALE: 1:125 PAPER: A0 PRELIMINARY STATUS: REV.

DRAWING NO. 20392-DCE-XX-XX-D-C-101 REV. 03

Site Issue: 35 Town Street Leeds, LS19 5JL 0113 258 941 info@dudleys.co.uk