

- NOTES
- ALL DRAINAGE WORKS AND MATERIALS TO BE IN ACCORDANCE WITH "CODE FOR ADOPTION", THE RELEVANT BRITISH/EUROPEAN AND NORTHUMBRIAN WATER'S STANDARDS/REQUIREMENTS/ADDENDUM TO THE MECHANICAL AND ELECTRICAL SPECIFICATION AND KITEMARKED.
 - MANHOLE COVERS SHALL/MUST HAVE A CLEAR OPENING OF 600MM AND SHALL BE CLASS D400 TO BS EN 124 WITH 150MM DEEP FRAMES IN HIGHWAYS.
 - SEWERS TO BE LAID IN CLASS "S" BEDDING (150MM GRANULAR BED AND SURROUND), WHERE DEPTH OF COVER TO TOP OF THE SEWER IS LESS THAN 1.2M IN HIGHWAYS AND VERGES (OR LESS THAN 900MM IN NONE VEHICULAR ACCESS AREAS) THEN A CLASS 'Z' BEDDING(CONCRETE SURROUND) SHOULD BE PROVIDED.
 - BEDDING AND BACKFILL MATERIAL TO CONFORM TO THE REQUIREMENT OF WATER INDUSTRY SPECIFICATION 4-08-02 (TABLE A2).
 - THE CHAMBER SIZE OF MANHOLES WITH MORE THAN ONE CONNECTION IN THEM MAY NEED TO BE INCREASED AN INCREMENT TO ACCOMMODATE THE CONNECTIONS AND BENDS.
 - ALL PRIVATE DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH BUILDING REGULATIONS 2010 EDITION.
 - ALL TRADITIONAL RAINWATER PIPE DOWN COMERS TO DISCHARGE TO TRAPPED GULLIES.
 - ALL ROAD GULLIES ARE TO BE TRAPPED GULLIES.
 - ALL GULLY LEADS TO BE 150mm DIAMETER.

SURFACE WATER MANHOLE SCHEDULE								
MH REFERENCE	INVERT LEVELS	COVER LEVELS	DEPTH TO INVERT	TYPE	SIZE	COVER TYPE	COVER & FRAME	COORDINATES
SWIC01	1500 - 8.735	10.350	1.615	PPIC	0.450	D400	450 x 450	E436175.667 N567164.827
SWIC02	1500 - 8.810	10.350	1.540	PPIC	0.450	D400	450 x 450	E436196.251 N567169.980
SWIC03	1500 - 7.847	8.897	1.050	PPIC	0.450	D400	450 x 450	E436151.281 N567073.614
SWIC04	2250 - 6.700	7.824	1.124	PPIC	0.450	D400	450 x 450	E436210.270 N567087.247
SWIC05	1500 - 6.782	7.832	1.350	PPIC	0.450	D400	450 x 450	E436223.259 N567094.465
SWMH01	1500 - 7.825 1500 - 8.716 1500 - 7.825	10.350	2.525	B	1.200	D400	600 x 600	E436189.703 N567163.299
SWMH02	1500 - 7.655 3000 - 7.805	8.813	1.158	B	1.500	D400	600 x 600	E436196.320 N567138.669
SWMH03	1500 - 7.661 3000 - 7.661	8.586	0.925	B	1.200	D400	600 x 600	E436177.395 N567083.556
SWMH04	3000 - 7.432 2250 - 6.633 3000 - 7.545 4500 - 6.408	8.682	2.274	B	1.200	D400	600 x 600	E436213.598 N567098.059
SWMH05	4500 - 6.373 1500 - 6.673 4500 - 6.373	7.987	1.614	B	1.200	D400	600 x 600	E436223.359 N567101.854
SWMH06	2250 - 7.050	8.475	1.425	B	1.200	D400	600 x 600	E436241.703 N567149.938
SWMH07	2250 - 6.833 2250 - 6.833	7.819	0.986	B	1.200	D400	600 x 600	E436256.476 N567116.161
SWMH08	4500 - 6.273 2250 - 6.498 5000 - 6.223	7.864	1.641	B	1.800	D400	600 x 600	E436251.179 N567112.750
SWMH09	5000 - 6.131 5000 - 6.131	7.246	1.115	B	1.800	D400	600 x 600	E436264.799 N567078.745
SWMH11 (FLOW CONTROL)	5000 - 6.111 5000 - 4.458 2250 - 4.733	7.226	2.768	2	1.800	D400	600 x 600	E436262.684 N567071.600

FOUL WATER MANHOLE SCHEDULE								
MH REFERENCE	INVERT LEVELS	COVER LEVELS	DEPTH TO INVERT	TYPE	SIZE	COVER TYPE	COVER & FRAME	COORDINATES
FWIC01	1500 - 9.600	10.350	0.650	PPIC	0.450	D400	450 x 450	E436202.476 N567174.012
FWIC02	1500 - 8.050 1500 - 8.050 1500 - 8.050	10.350	2.300	PPIC	0.450	D400	450 x 450	E436191.024 N567165.745
FWIC03	1500 - 7.962 1500 - 7.962	8.720	0.758	PPIC	0.450	D400	450 x 450	E436197.535 N567154.348
FWIC04	1500 - 7.814 1500 - 7.814	8.637	0.823	PPIC	0.450	D400	450 x 450	E436197.739 N567132.134
FWIC05	1500 - 8.000	8.650	0.650	PPIC	0.450	D400	450 x 450	E436236.523 N567138.804
FWIC06	1500 - 8.000	8.650	0.650	PPIC	0.450	D400	450 x 450	E436231.468 N567140.388
FWIC07	1500 - 7.384 1500 - 7.384 1500 - 7.384	8.650	1.266	PPIC	0.450	D400	450 x 450	E436202.587 N667119.905
FWIC08	1500 - 7.620	8.650	1.030	PPIC	0.450	D400	450 x 450	E436173.682 N567105.113
FWIC09	1500 - 7.578 1500 - 7.578	8.650	1.072	PPIC	0.450	D400	450 x 450	E436179.901 N567104.567
FWIC10	1500 - 7.713	8.763	1.050	PPIC	0.450	D400	450 x 450	E436160.025 N567078.010
FWIC11	1500 - 6.991 1500 - 6.991 1500 - 6.991	8.738	1.747	PPIC	0.450	D400	450 x 450	E436186.732 N567088.977
FWIC12	1500 - 6.898 1500 - 6.898	8.611	1.713	PPIC	0.450	D400	450 x 450	E436199.682 N567094.209
FWIC13	1500 - 6.818 1500 - 6.818 1500 - 6.818	8.605	1.824	PPIC	0.450	D400	450 x 450	E436210.823 N567096.813
FWIC14	1500 - 6.719 1500 - 6.719	8.616	1.937	PPIC	0.450	D400	450 x 450	E436224.557 N567104.370
FWIC15	1500 - 7.223	8.273	1.594	PPIC	0.450	D400	450 x 450	E436246.115 N567112.826
FWIC16	1500 - 6.646 1500 - 6.646 1500 - 6.646	8.624	1.979	PPIC	0.450	D400	450 x 450	E436234.832 N567108.302
FWIC17	1500 - 5.885 1500 - 5.885	6.935	1.050	PPIC	0.450	D400	12 x 12	E436251.036 N567069.211
FWMH01	1500 - 9.700	10.455	0.755	B	1.200	D400	600 x 600	E436172.748 N567158.642
FWMH02	1500 - 7.550 1500 - 7.550 1500 - 7.550	8.650	1.100	B	1.200	D400	600 x 600	E436222.571 N567134.635

28.03.2025

FOR ISSUE

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P01

DATE

DESCRIPTION

DR

CHK

REV

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RWO

Civil Structures
Geoenvironmental

www.rwo.group

info@rwo.group

0330 0566900

NEWCASTLE

LEEDS

LONDON

STOKESLEY

CLIENT:

CASTLE

INNOVATION | EFFICIENCY | HONESTY | PRIDE

PROJECT:

SOUTH TYNESIDE COLLEGE

TITLE:

MANHOLE SCHEDULE

PROJECT No:

24185

DISCIPLINE:

CIVIL

SCALE:

@:A1 250

DRAWING No:

24185-RWO-XX-XX-DR-C-0201

REV:

P01

Project - Originator - Functional Breakdown - Spatial Breakdown - Form - Discipline - Number