



REFERENCE	CL	IL	DEPTH TO IL	MANHOLE DIA	CHAMBER TYPE	COVER TYPE
RE1	74.800	74.350	0.450	-	RODDING EYE	A15
RE2	74.800	74.350	0.450	-	RODDING EYE	A15
S1	74.800	74.223	0.577	450	PPIC	A15
S2	74.800	74.085	0.715	450	PPIC	A15
S3	74.800	73.853	0.947	450	PPIC	A15
RE3	74.800	74.065	0.735	-	RODDING EYE	A15
S4	74.800	73.944	0.856	450	PPIC	A15
RE4	74.800	74.043	0.757	-	RODDING EYE	A15
S5	74.800	73.707	1.093	450	PPIC	A15
S6	74.900	73.674	0.668	450	PPIC CATCH PIT	A15
RE5	74.800	74.132	1.226	-	RODDING EYE	A15
S7	74.800	73.164	1.636	450	PPIC	B250
S8	74.850	73.079	1.771	1200	TYPE B CATCH PIT	A15
S9	74.950	73.098	1.852	1200	TYPE B CATCH PIT	D400
S10	74.850	BD 73.659, 73.052	1.798	1200	TYPE B FLOW CONTROL	D400
S11	74.800	73.032	1.768	450	PPIC	D400
EXMH	74.590	72.860	1.730	EXISTING	EXISTING	A15

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 - NO DIMENSIONS TO BE SCALED FROM THIS DRAWING.
 - THE LOCATION AND LEVELS OF EXISTING DRAINAGE PIPES AND CULVERTS MUST BE CHECKED ON-SITE PRIOR TO CONSTRUCTION.
 - PROPOSED FINISHED LEVELS HAVE ONLY BEEN ASSUMED AND SHOULD BE FINALISED BY A CIVIL ENGINEER.
 - POSITION OF RAINWATER DOWN PIPES TO BE CONFIRMED BY THE ARCHITECT.
 - FLOATATION CALCULATIONS OF ANY ATTENUATION STRUCTURES SHOULD BE PROVIDED BY A CIVIL ENGINEER OR MANUFACTURE.

SURFACE WATER

SURFACE WATER FROM THE SITE TO DISCHARGE INTO THE WATERCOURSE LOCATED AT THE NORTH WEST OF THE SITE REUSING AN EXISTING 150Ø OUTFALL.

FLOWS TO BE RESTRICTED TO NO MORE THAN 21.3L/S VIA A FLOW CONTROL CHAMBER DURING THE 1 IN 100 YEAR + 40% CLIMATE CHANGE + 10% URBAN CREEP EVENT.

- FLOW CONTROL DETAILS**
- ORIFICE PLATE
 - APERTURE = 0.098mØ
- ATTENUATION PROVIDED WITHIN THE PIPED NETWORK.

FOUL

FOUL TO DISCHARGE INTO THE PUBLIC FOUL SEWER LOCATED AT THE EAST OF THE SITE REUSING THE EXISTING 100Ø FOUL CONNECTION

KEY

- 90.150 PROPOSED LEVELS
- SW 1.000 PROPOSED SURFACE WATER DRAIN
- FW 1.000 PROPOSED FOUL DRAIN
- EX SW 1.000 EXISTING PRIVATE SURFACE WATER SEWER
- EX FOUL 1.000 EXISTING PRIVATE FOUL SEWER
- EX FW 1.000 EXISTING PUBLIC FOUL SEWER
- PROPOSED SURFACE WATER OUTFALL
- PROPOSED SURFACE WATER RODDING EYE
- ACO PROPOSED SURFACE WATER ACO CHANNEL
- G PROPOSED SURFACE WATER GULLY

REFERENCE	CL	IL	DEPTH TO IL	MANHOLE DIA	CHAMBER TYPE	COVER TYPE
EXFWMH1	74.800	73.658	1.142	EXISTING	EXISTING	A15
F1	74.800	74.200	0.600	300	PPIC	A15
F2	74.800	74.200	0.600	300	PPIC	A15
F3	74.800	73.964	0.836	300	PPIC	A15
F4	74.800	74.200	0.600	300	PPIC	A15
F5	74.800	74.200	0.600	300	PPIC	A15
F6	74.800	73.900	0.900	300	PPIC	A15
F7	74.800	73.773	1.027	300	PPIC	A15
F8	74.800	74.140	0.660	300	PPIC	B250
EXFWMH2	74.500	73.070	1.430	EXISTING	EXISTING	A15

<p>FRDS FLOOD RISK AND DRAINAGE SOLUTIONS LTD 144 New Lane, Oswaldtwistle, Lancashire, B85 3QW WWW.FLOODRISK-DRAINAGE.CO.UK TEL: 07961 477330</p>	<p>CLIENT: SIMON GILL</p> <p>PROJECT: SITE AT BARROWBRIDGE HOUSE, BARROW</p> <p>DRAWING TITLE: PROPOSED SURFACE WATER/FOUL DRAINAGE & MH SCHEDULE</p> <p>DRAWING REFERENCE: 2024-055-01</p>	<p>DATE: 14/10/2024</p> <p>STATUS:</p> <p>DRAWN BY: CV</p> <p>SCALE: 1:150</p> <p>SIZE: A1</p> <p>REVISION:</p>
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