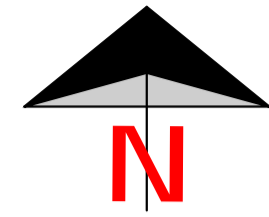


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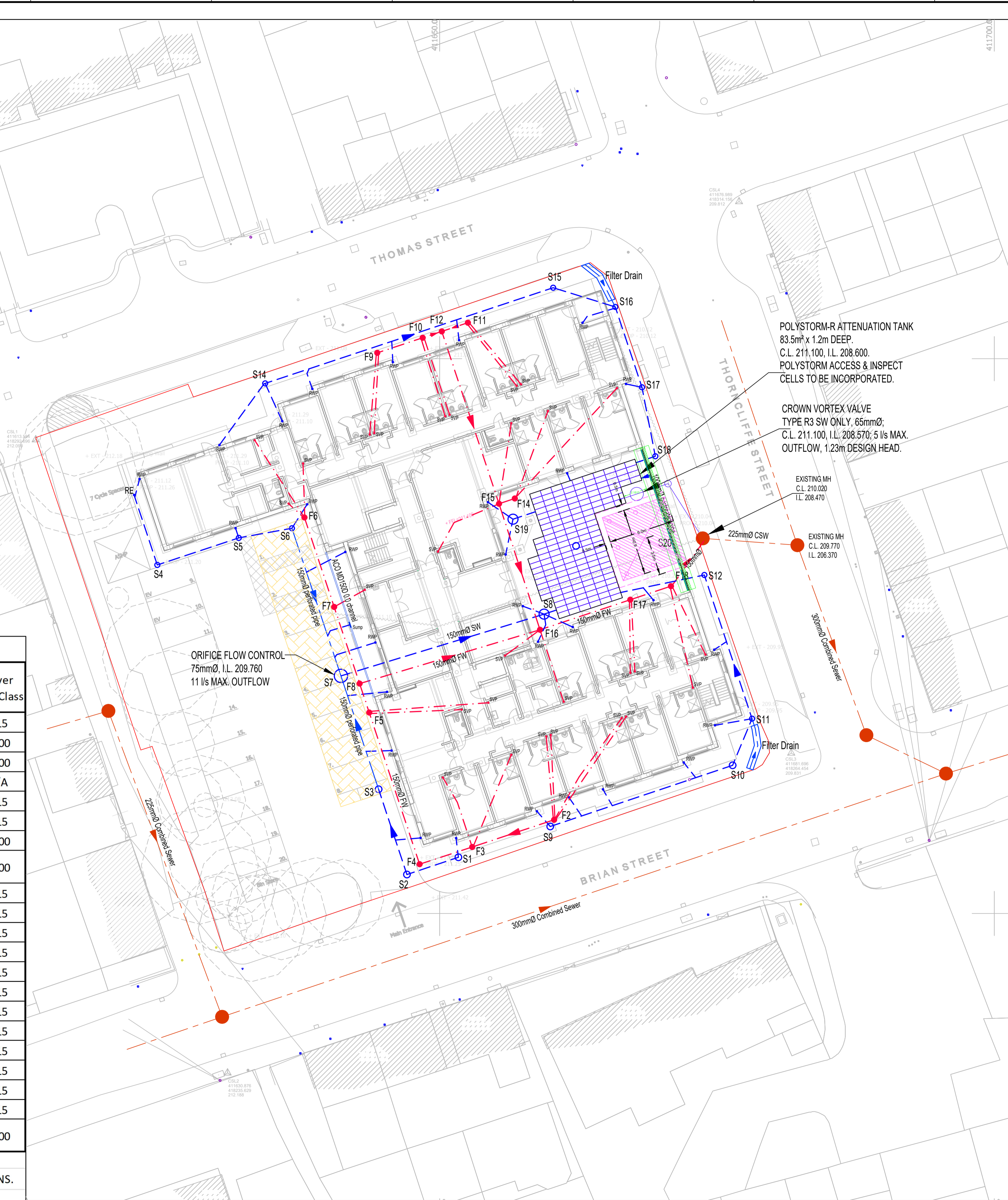
FOUL DRAINAGE SCHEDULE

MH Ref	Cover Level (m)	Invert Level (m)	Cover Depth (m)	D/S Pipe Dia. (mm)	D/S Pipe Gradient (1:x)	MH Dia. (mm)	MH Type	Cover Load Class
F2	210.610	210.060	0.450	100	7.4	450	E	A15
F3	211.000	209.015	1.885	100	76.7	450	E	A15
F4	211.250	208.900	2.200	150	144.0	450	D	A15
F5	211.100	208.800	2.150	150	137.5	450	E	A15
F6	211.100	210.500	0.500	100	42.5	450	E	A15
F7	211.100	210.300	0.700	100	5.0	450	E	A15
F8	211.100	208.780	2.170	150	149.4	450	D	A15
F9	211.100	210.200	0.800	100	21.6	450	E	A15
F10	211.000	210.000	0.900	100	2.0	450	E	A15
F11	210.790	209.700	0.990	100	4.1	450	E	A15
F12	210.900	209.100	1.700	100	71.2	450	E	A15
F13	211.100	209.700	1.300	100	11.8	450	E	A15
F14	211.100	209.000	2.000	100	31.5	450	D	A15
F15	211.100	208.870	2.130	100	73.7	450	D	A15
F16	211.100	208.665	2.285	150	140.7	450	D	A15
F17	211.100	208.610	2.340	150	149.7	450	D	A15
F18	211.100	208.580	2.370	150	136.0	450	D	A15

SURFACE WATER DRAINAGE SCHEDULE

MH Ref	Cover Level (m)	Invert Level (m)	Cover Depth (m)	D/S Pipe Dia. (mm)	D/S Pipe Gradient (1:x)	MH Dia. (mm)	MH Type	Cover Load Class
S1	211.100	210.000	0.950	150	97.9	450	E	A15
S2	211.200	209.950	1.100	150	57.8	450	D	D400
S3	211.100	209.810	1.140	150	215.4	600	D	D400
RE	211.200	210.500	0.550	150	14.8	N/A	N/A	N/A
S4	211.200	210.050	1.000	150	51.6	450	E	A15
S5	211.150	209.900	1.100	150	69.6	450	E	A15
S6	211.100	209.830	1.120	150	200.3	600	D	D400
S7	211.100	209.760	1.190	150	145.3	1200	ORIFICE CHAMBER	D400
S8	211.100	209.625	1.325	150	80.0	1200	CATCHPIT	A15
S9	210.650	209.600	0.900	150	49.5	450	E	A15
S10	209.900	209.250	0.500	150	60.7	450	E	A15
S11	209.950	209.175	0.625	150	68.2	450	E	A15
S12	210.000	208.975	0.875	150	67.5	450	E	A15
S13	211.100	208.900	2.050	150	26.0	600	CATCHPIT	A15
S14	211.100	210.000	0.950	150	68.4	450	E	A15
S15	210.200	209.600	0.450	150	117.3	450	E	A15
S16	210.150	209.550	0.450	150	127.2	450	E	A15
S17	210.100	209.490	0.460	150	126.6	450	E	A15
S18	210.100	209.440	0.510	150	145.5	450	E	A15
S19	211.100	209.390	1.560	150	5.8	600	CATCHPIT	A15
S20	211.100	208.570	2.380	150	139.9	1200	FLOW CONTROL CHAMBER	D400

DRAINS S3-S7 & S6-S7 ARE PERFORATED PIPES THAT ARE ALSO PERVIOUS PAVEMENT UNDERDRAINS.
COVER LEVELS ARE APPROXIMATE. THEY ARE TO SUIT THE ARCHITECT'S FINISHED LEVELS.



- KEY**
- Proposed Foul Drain - - - ● - - -
 - Proposed Surface Water Drain - - - ○ - - -
 - Perforated Underdrain - - - - -
 - Existing Combined Sewer - - - ● - - -
 - Rainwater Pipe, Rodding Eye RWP, RE
 - Foul Connection (svp, ss, sink, etc) SVP
 - Site Boundary - - - - -
 - Permeable Parking Bays

- NOTES**
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS' AND ARCHITECTS' DRAWINGS.
 - THE PROPOSED DRAINAGE IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE BUILDING REGULATIONS AND THE CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY.
 - ROOT BARRIER PROTECTION IS TO BE PROVIDED FOR DRAINAGE LOCATED WITHIN TREE CANOPY AREAS.
 - A PROTECTIVE GEOTEXTILE / PLASTIC MEMBRANE IS TO BE APPLIED TO ALL FOUL DRAINS LAID ABOVE STORMWATER PIPES.
 - UNLESS OTHERWISE INDICATED, FOUL DRAINS WILL BE 100mmØ LAID AT 1:80 MINIMUM GRADIENT AND SURFACE WATER DRAINS WILL BE 150mmØ LAID AT 1:150 MINIMUM GRADIENT.
 - MANHOLE COVER LEVELS ARE TO BE ADJUSTED TO SUIT ADJACENT FINISHED LEVELS.
 - PREFABRICATED DRAINAGE COMPONENTS ARE TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS' INSTRUCTIONS AND MANUALS.
 - ACCESS AT THE HEAD WILL NEED TO BE PROVIDED WHERE A FOUL CONNECTION DISCHARGES AT A JUNCTION RATHER THAN INTO AN INSPECTION CHAMBER.
 - FOUL & SURFACE WATER DRAINAGE CONNECTIONS INTO THE EXISTING PUBLIC SEWER WILL REQUIRE THE PRIOR APPROVAL OF YORKSHIRE WATER UNDER SECTION 106 OF THE WATER INDUSTRY ACT.

rev.	date	Description	Drawn	Chk.
D	23.01.24	Drainage revised; drainage schedules added. Issued W.I.P.	DM	WEH
C	19.12.23	Drainage layout revised.	DM	WEH
B	06.11.23	Attenuation tank dimensions revised.	MPS	WEH
A	25.10.23	Dimension added from attenuation tank to building line	DM	WEH
	27.09.23	WORK IN PROGRESS		

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client:
Torsion Projects

project:
Care Home Development
Thomas Street, Lindley
Huddersfield

drawing title:
Proposed Drainage Layout

scale: 1:200 (A1) status: Preliminary

job number: 10-6102 drawing number: 500 revision: D

