

REF.	COVER LEVEL	INVERT LEVEL	REMARKS
S1.0	+39.800	+37.850	TANK OUTLET
S2.0	+40.330	+39.500	HEAD OF LINE
S2.1	+39.800	+38.550	
S2.2	+40.500	+38.500	
S3.0	+39.650	+39.150	HEAD OF LINE
S4.0	+39.500	+39.000	
S4.1	+39.300	+38.520	
S4.2	+39.750	+38.710	
S4.3	+40.50	+38.650	

REF.	COVER LEVEL	INVERT LEVEL	REMARKS
F1.0	+40.500	+38.300	
F1.1	+40.600	+38.100	
F1.2	+40.420	+38.600	
F1.3	+40.000	+37.730	
F1.4	+39.750	+37.060	
F1.5	+39.500	+36.88	
F1.6	+39.300	+36.280	F2.0 PIPE IN +38.30 PIPE IN FALL FROM BASEMENT
F2.0	+39.400	+38.37	

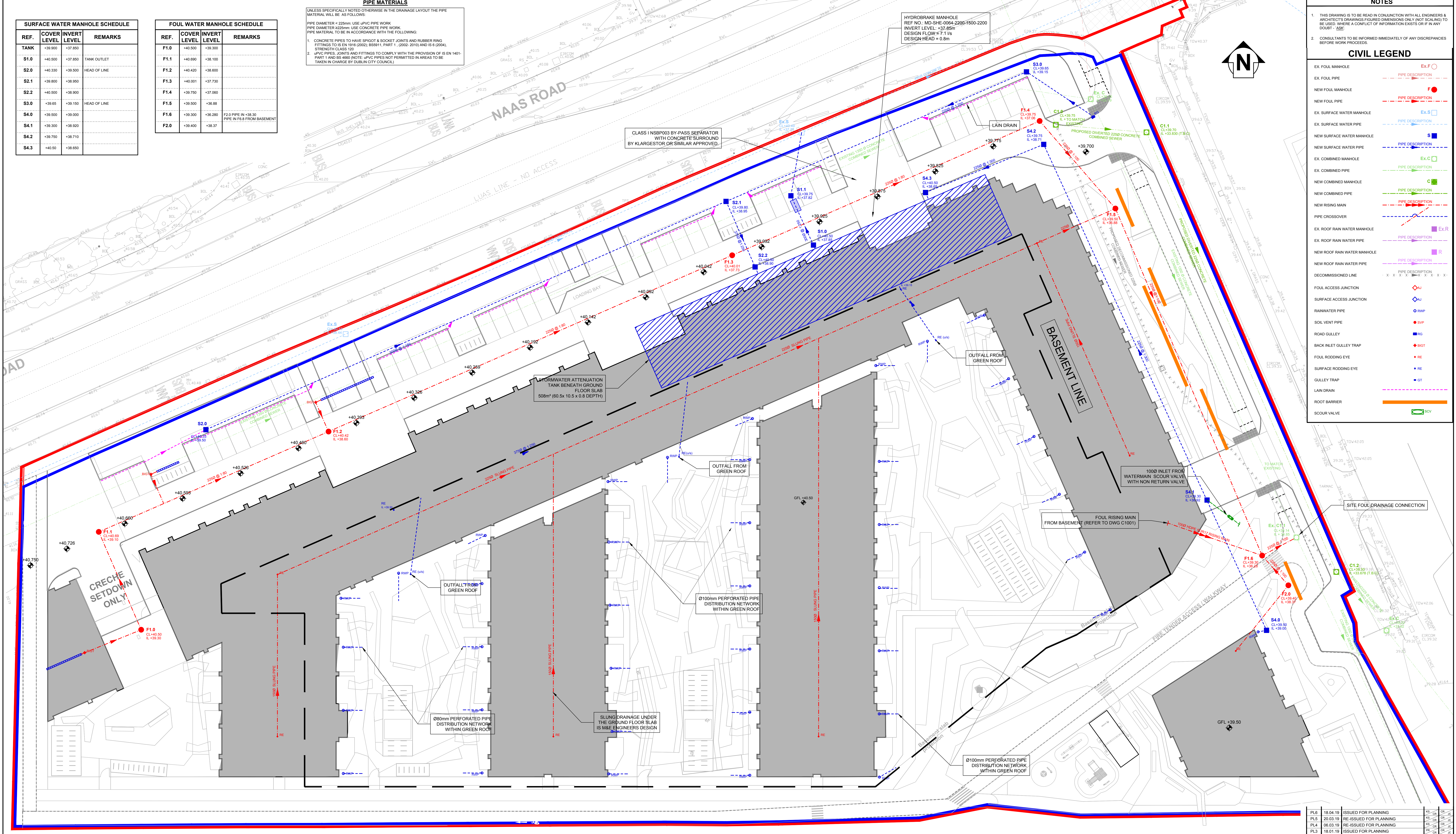
PIPE MATERIALS
 UNLESS SPECIFICALLY NOTED OTHERWISE IN THE DRAINAGE LAYOUT THE PIPE MATERIALS WILL BE AS FOLLOWS:
 PIPE DIAMETER < 225mm USE uPVC PIPE WORK
 PIPE DIAMETER 225mm USE CONCRETE PIPE WORK
 PIPE MATERIAL TO BE IN ACCORDANCE WITH THE FOLLOWING:
 1. CONCRETE PIPES TO HAVE SPOUT & SOCKET JOINTS AND RUBBER RING FITTINGS TO IS EN 1916 (2002), BS8911, PART 1, (2002-2010) AND IS 6 (2004), STRENGTH CLASS 120
 2. uPVC PIPES, JOINTS AND FITTINGS TO COMPLY WITH THE PROVISIONS OF IS EN 1401- PART 1 AND IS 4698 (NOTE: uPVC PIPES NOT PERMITTED IN AREAS TO BE TAKEN IN CHARGE BY DUBLIN CITY COUNCIL)

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED, WHERE A CONFLICT OF INFORMATION EXISTS G.O.F. IN ANY DOUBT - ASS.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

CIVIL LEGEND

- EX. FOUL MANHOLE
- EX. FOUL PIPE
- NEW FOUL MANHOLE
- NEW FOUL PIPE
- EX. SURFACE WATER MANHOLE
- EX. SURFACE WATER PIPE
- NEW SURFACE WATER MANHOLE
- NEW SURFACE WATER PIPE
- EX. COMBINED MANHOLE
- EX. COMBINED PIPE
- NEW COMBINED MANHOLE
- NEW COMBINED PIPE
- NEW RISING MAIN
- PIPE CROSSOVER
- EX. ROOF RAIN WATER MANHOLE
- EX. ROOF RAIN WATER PIPE
- NEW ROOF RAIN WATER MANHOLE
- NEW ROOF RAIN WATER PIPE
- DECOMMISSION LINE
- FOUL ACCESS JUNCTION
- SURFACE ACCESS JUNCTION
- RAINWATER PIPE
- SOL VENT PIPE
- ROAD GULLEY
- BACK INLET GULLEY TRAP
- FOUL SURFACE EYE
- SURFACE RISING EYE
- GULLEY TRAP
- LAIN DRAIN
- ROOT BARRIER
- SCOUR VALVE



PROPOSED FOUL & SURFACE WATER LAYOUT
 SCALE @ A0: 1:200
 SCALE @ A2: 1:400

NOTE:
 TREE AND SHRUB PLANTING IN THE VICINITY OF WATERMANS AND DRAINS SHALL BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W/12, STD-W/13, STD-W/14 AND STD-W/15. WHERE THESE RESTRICTIONS CANNOT BE ACCOMMODATED, PROTECTION MEASURES SHALL BE PROVIDED APPROPRIATE TO THE PROPOSED TREE/SHRUB SIZE, SPECIES AND LOCATION RELATIVE TO THE SPECIES. SUCH MEASURES MAY INCLUDE ROOT PROTECTION BARRIERS, HIGH PERFORMANCE JOINTS OR FUSION WELDED JOINTS FOR THE RISING WATER MAINS. FULL DETAILS OF THE PROPOSED PROTECTION MEASURES ARE TO BE SUBMITTED TO AND AGREED WITH IRISH WATER.

ISSUE	DATE	DESCRIPTION	DRG	CHKD	APPD
PL6	18.04.19	ISSUED FOR PLANNING	CS	CS	CS
PL5	20.03.19	RE-ISSUED FOR PLANNING	CS	CS	CS
PL4	06.03.19	RE-ISSUED FOR PLANNING	CS	CS	CS
PL3	18.01.19	ISSUED FOR PLANNING	CS	CS	CS
PL2	07.01.19	DRAFT ISSUED FOR PLANNING	CS	CS	CS
PL1	02.10.18	DRAFT ISSUED FOR PLANNING	CS	CS	CS
P1	23.08.18	ISSUED FOR COMMENT	CS	CS	CS

PLANNING

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CLIENT: **DEVELOPMENT 8**

PROJECT TITLE: **CONCORDE RESIDENTIAL DEVELOPMENT**

MODEL REFERENCE: **CCRD-BMD-00-ZZ-DR-C-1010**

DRAWING TITLE: **PROPOSED FOUL & SURFACE LAYOUT**

DRAWING NO: **18.232**

MODEL REV: **P1**

DATE: **18.04.19**

SCALE: **PL6**