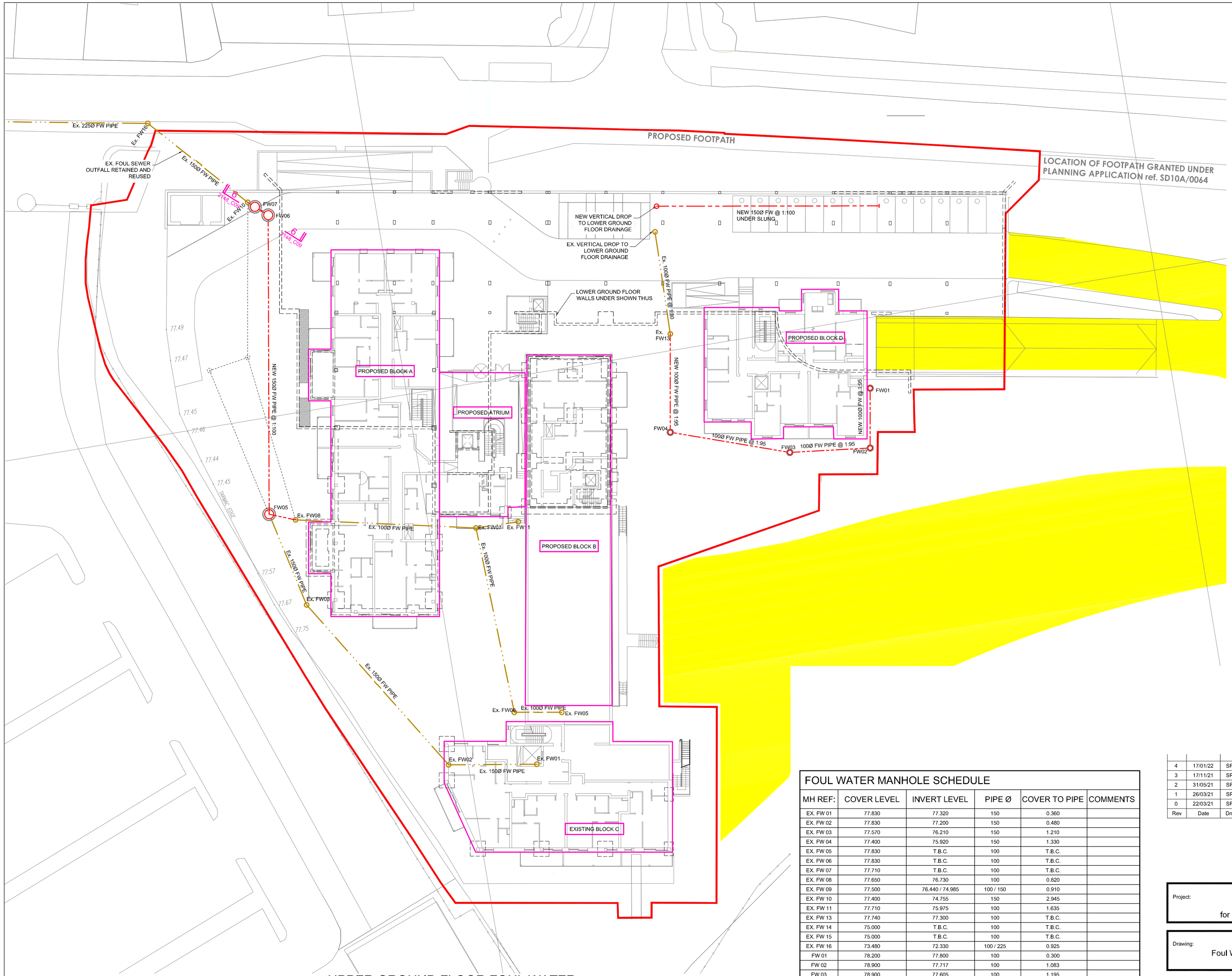

UPPER GROUND FLOOR FOUL WATER PROPOSED DRAINAGE PLAN

SCALE 1:250

LEGEND

NEW FOUL WATER SEWER	F3
EX. FOUL WATER SEWER	EX. F3
EX. SURFACE WATER SEWER	EX. S3
NEW SURFACE WATER SEWER	S3
EXISTING WATERMAIN	EX. W/M
NEW WATERMAIN	NEW W/M
WAYLEAVE	

DRAINAGE NOTES:

ALL DRAINAGE WORK TO BE CARRIED OUT IN ACCORDANCE WITH IS EN 752: 2008, TGD PART H, GDR CODE OF PRACTICE FOR DRAINAGE WORKS V6.0 AND IRISH WATER SPECIFICATIONS.

MIN. 150mm C16/20 CONCRETE BED & SURROUND TO BE PROVIDED TO SEWER PIPELINES WHERE THE COVER IS LESS THAN 1.200m UNDER ROADS, VERGES AND FOOTPATHS.

ALL REINSTATEMENT WORKS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.

ALL MANHOLES COVERS AND FRAME ARE TO BE CLASS D400 TO BS EN 124 U.N.O.

SEWER PIPE LINES TO BE SN8 uPVC PIPE UP TO AND INCLUDING 300Ø TO IS EN 1401 2009/2012.

SEWER PIPE LINES EXCEEDING 300Ø TO BE CONCRETE SPIGOT AND SOCKET PIPES WITH RUBBER RING FITTINGS, TO IS EN 1916 (2002), BS 5911 PART 1 (2002-2010) AND IS 6 (2004). STRENGTH CLASS 120 WITH MINIMUM CRUSHING LOADS IN ACCORDANCE WITH TABLE 8 OF BS 5911-1 (2002-2010).

ALL VERTICAL STACK CONNECTIONS TO FOUL SEWER CHAMBERS TO INCORPORATE LONG RADIUS BENDS AND MUST JOIN MAIN SEWER LINE AT 45° TO DIRECTION OF FLOW.

FOUL WATER MANHOLE SCHEDULE

MH REF:	COVER LEVEL	INVERT LEVEL	PIPE Ø	COVER TO PIPE	COMMENTS
EX. FW 01	77.830	77.320	150	0.360	
EX. FW 02	77.830	77.200	150	0.480	
EX. FW 03	77.570	76.210	150	1.210	
EX. FW 04	77.400	75.920	150	1.330	
EX. FW 05	77.830	T.B.C.	100	T.B.C.	
EX. FW 06	77.830	T.B.C.	100	T.B.C.	
EX. FW 07	77.710	T.B.C.	100	T.B.C.	
EX. FW 08	77.650	76.730	100	0.820	
EX. FW 09	77.500	76.440 / 74.985	100 / 150	0.910	
EX. FW 10	77.400	74.755	150	2.945	
EX. FW 11	77.710	75.975	100	1.635	
EX. FW 13	77.740	77.300	100	T.B.C.	
EX. FW 14	75.000	T.B.C.	100	T.B.C.	
EX. FW 15	75.000	T.B.C.	100	T.B.C.	
EX. FW 16	73.480	72.330	100 / 225	0.925	
FW 01	78.200	77.800	100	0.300	
FW 02	78.900	77.717	100	1.083	
FW 03	78.900	77.605	100	1.195	
FW 04	77.740	77.437	100	0.203	
FW 05	77.560	76.097	100	1.363	
FW 06	77.500	75.702	100	1.698	
FW 07	77.450	75.702/74.765	100	2.585	

Rev	Date	Drn	Chk'd	Description
4	17/01/22	SR	FW	SHD Stage 3 Submission
3	17/11/21	SR	AD	Preliminary Issue to Irish Water for Quality Assurance
2	31/05/21	SR	FW	DRAFT
1	26/03/21	SR	FW	SHD Stage 1 Submission
0	22/03/21	SR	FW	Preliminary Issue to Irish Water for PCE Application

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Project: Dolcain House SHD, Clondalkin, Dublin 22, for Randelswood Holdings LTD

Drawing: Upper Ground Floor Foul Water Proposed Drainage Plan Site Layout A

Project No.	2148
Drg. No.	C03-A
Scale	@A1
Date	May '21
Drawn	SR
Rev.	4
Model Reference:	2148-LDE-ZZ-ZZ-M2-SC-0001
Model Rev:	P.01.1
Drawing Reference:	2148-LDE-ZZ-00-DR-SC-5C03-A
Suitability:	S0