

BASEMENT DRAINAGE LAYOUT

SCALE: 1:300

NOTES:

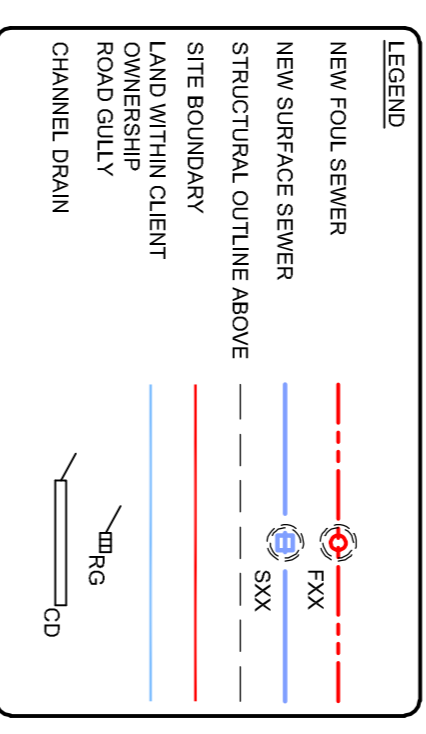
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DETAIL DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE DIMENSIONS REFER TO ARCHITECTS DRAWINGS FOR ALL SETTING OUT DIMENSIONS. WORK TO FIGURED DIMENSIONS ONLY.
- THE ENGINEER IS TO BE AFFORDED SUFFICIENT TIME TO CARRY OUT INSPECTIONS OF THE WORKS IN ACCORDANCE WITH THE PROJECT INSPECTION PLAN AND INSPECTION NOTIFICATION FRAMEWORK.
- ALL CONSTRUCTION PRODUCTS TO HAVE RELEVANT CE MARKING WHERE APPLICABLE.
- ALL DEMOLITION WORKS TO BE IN ACCORDANCE WITH BS 6187: 2011.
- ALL CONTRACTORS OR SUB-CONTRACTORS RESPONSIBLE FOR SPECIALIST DESIGN MUST PROVIDE PROFESSIONAL INDEMNITY INSURANCES, ANCILLARY CERTIFICATES FOR DESIGN AND ANCILLARY CERTIFICATES FOR INSPECTION IN ACCORDANCE WITH BS EN 124.

DRAINAGE

ALL DRAINAGE WORK TO BE CARRIED OUT IN ACCORDANCE WITH BS EN 752: 2008, TSD PART 4, GMR CODE OF PRACTICE FOR DRAINAGE WORKS V4.0 AND IRISH WATER SPECIFICATIONS.

MIN. 150mm C16/20 CONCRETE BED & SURROUND TO BE PROVIDED TO SEWER PIPELINES WHERE COVER EXCEEDS 750mm. MIN. 100mm C16/20 CONCRETE BED & SURROUND TO BE PROVIDED TO SEWER PIPELINES WHERE COVER IS LESS THAN 750mm. MIN. 100mm C16/20 CONCRETE BED & SURROUND TO BE PROVIDED TO SEWER PIPELINES WHERE COVER IS LESS THAN 750mm. MIN. 100mm C16/20 CONCRETE BED & SURROUND TO BE PROVIDED TO SEWER PIPELINES WHERE COVER IS LESS THAN 750mm.

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



REF.	COVER	INVERT	DEPTH	MANHOLE	MANH TYPE	COMMENTS
S17	65.800	65.025	0.775	D400	TYPE1	CONNECTED TO SURFACE
S18	65.800	65.031	0.769	D400	TYPE1	
S19	66.310	65.327	0.983	D400	TYPE1	
S20	66.310	65.553	0.757	D400	TYPE1	
S21	66.310	65.621	0.689	D400	TYPE1	
S22	65.800	65.107	0.693	D400	TYPE1	
S23	66.310	65.344	0.966	D400	TYPE1	
S24	66.310	65.505	0.805	D400	TYPE1	
S25	66.310	65.631	0.679	D400	TYPE1	ALL SURFACE MANHOLES TO GRASS STANDARD

Rev	Date	CHK'd	Description
P1	13/01/2021	D.M.	G.P. Issued for Stage 3 SHD Planning
P	11/02/2021	D.M.	G.P. Issued for Stage 2 SHD Planning
Rev	Date	CHK'd	Description

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Project:	Mixed-use Development at Jamesstown Road, Finglas, D11	Project No.	2038	Dwg. No.	C02
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Drawing:	Basement Drainage Layout	Scale:	@A1	Date:	Feb 2021
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Model Reference:	2038-LDE-ZZ-M2-C-0001	Model Rev.:	P01
Drawing Reference:	2038-LDE-ZZ-B1-DR-C-4C02	Suitability:	S4