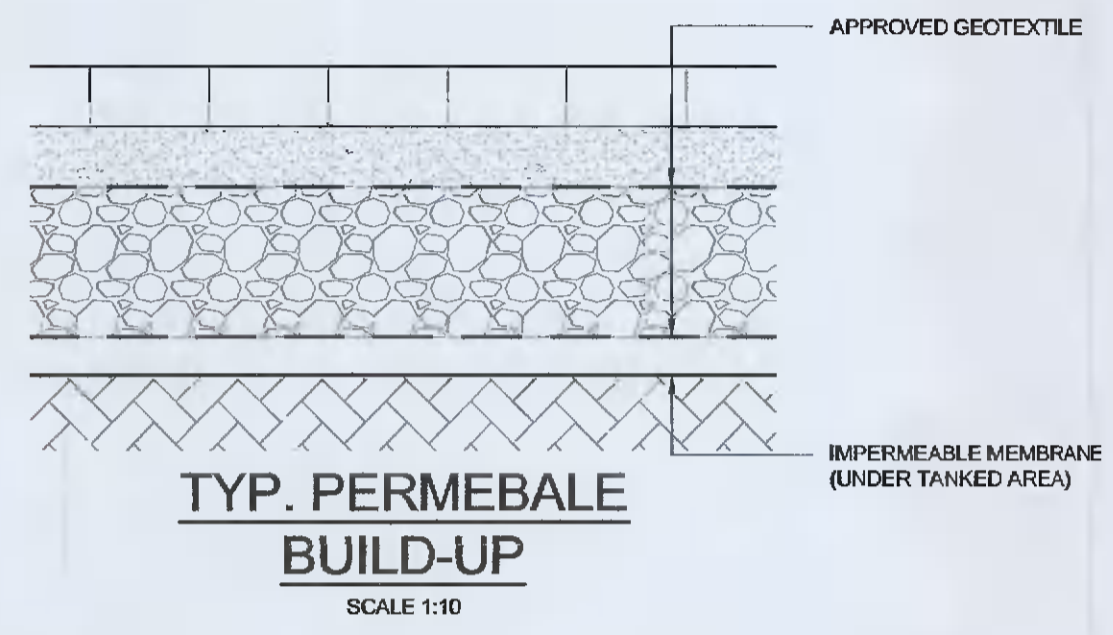


DRAINAGE PLAN
SCALE 1:100



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 BE IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE "CODE OF PRACTICE FOR WASTE WATER INFRASTRUCTURE" DECEMBER 2017

ALL DEMOLITION WORKS TO BE IN ACCORDANCE WITH BS 6187: 2014.

THE APPROPRIATE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY WORKS TO EXISTING WALLS AND STRUCTURES WITHIN THE ZONE OF INFLUENCE OF THE WORKS

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 BCAR 2014.

DRAINAGE

BACKFILL FOR ALL UPVC PIPES TO BE FREE FROM STONE EXCEEDING 50mm FOR 300mm ABOVE GRANULAR SURROUND.

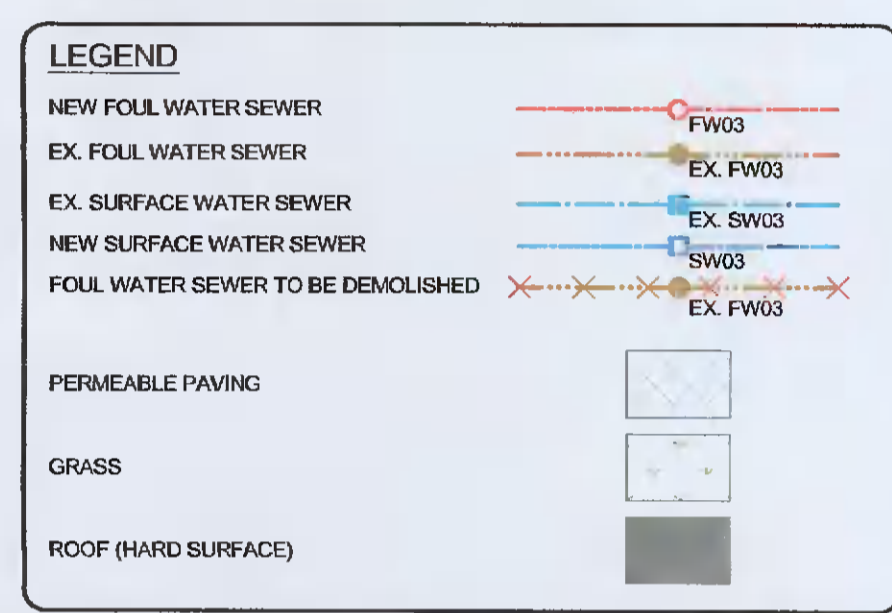
ALL REINSTATEMENT WORKS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.

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

UNFLAUGHTED PVC PIPES AND FITTINGS TO BE USED. THESE SHALL COMPLY WITH THE PROVISIONS IS EN 1401 2008/2012. PIPES TO BE APPLICATION AREA CODE "UD", STIFFNESS CLASS 8kN/m². PROVISION FOR JETTING SHALL BE BASED ON THE WRG SEWER JETTING CODE OF PRACTICE, JUNE 1997. PIPES TO BE CAPABLE OF RESISTING A MAXIMUM JETTING PUMP PRESSURE OF 2500psi (180BAR) WITHOUT DAMAGE.

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.

ALL DRAINAGE WORKS ARE TO COMPLY WITH IRISH WATER "WATER INFRASTRUCTURE STANDARD DETAILS", "CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE" AND "GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS" (PURPLE BOOK)



TOTAL SITE AREA: 56m²

FOR ATTENUATION THE FOLLOWING COEFFICIENTS WERE USED:

HARD SURFACE: 0.80
PERMEABLE: 0.60
GRASS: 0.15

ATTENUATION VOLUME REQUIRED: 10.40m³
ATTENUATION VOLUME PROVIDED: 17.60m³
PAVING AREA: 196.50m²

ASSUMING A VOID RATIO OF 0.3 AND NO WATER IS INFILTRATING INTO SOIL

Rev	Date	Dm	Ch'd	Description
12	06/10/2020	DM	GP	Issued for Information
11	25/08/2020	DM	GP	Issued for Information
1	18/08/2020	DM	GP	Issued for Information

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Job:	Extension at 25 Willington Crescent	Job No:	1721	Dwg. No:	C03
Scale:	@A1	Date:	Aug' 2020	Drawn:	DM
Revision:	12	Checked:		Approved:	