

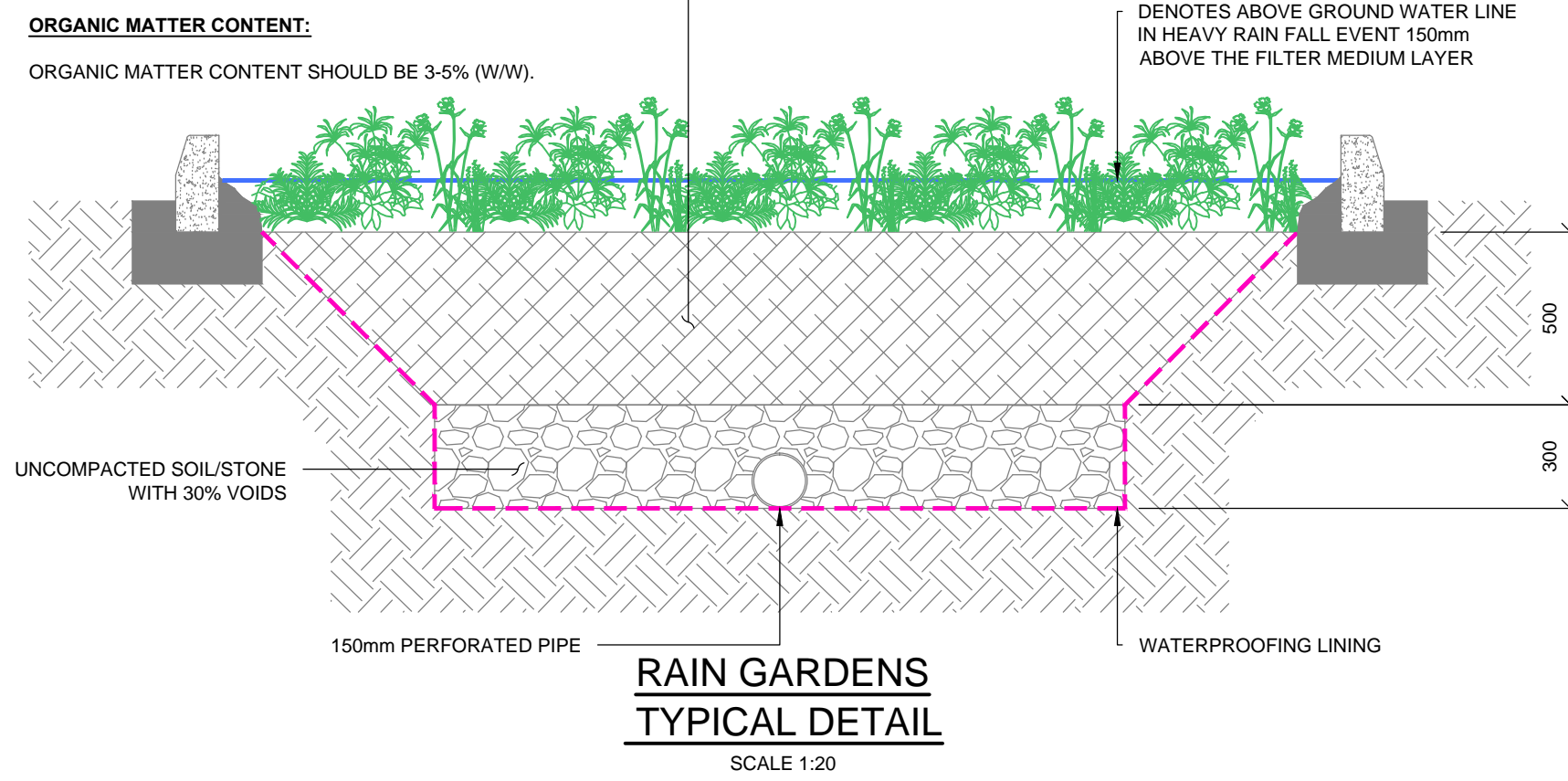
500mm DEEP UNCOMPACTED FILTER MEDIUM LAYER IN ACCORDANCE TO CIRIA REPORT C753

SATURATED HYDRAULIC CONDUCTIVITY:
TO BE BETWEEN 100mm/h - 300mm/h - TESTED IN-SITU USING THE SINGLE RING INFILTRATION TEST METHOD AS DESCRIBED IN BS EN ISO 22262-5:2012.

POROSITY:
THE TOTAL POROSITY SHOULD BE > 30% WHEN TESTED IN ACCORDANCE WITH BS 1377-2:1990.

PARTICLE SIZE DISTRIBUTION:
PARTICLE SIZE DISTRIBUTION (PSD) SHALL BE AS FOLLOWS:

SIEVE SIZE (mm)	% PASSING
6	100
2.0	90-100
0.6	40-70
0.2	5-20
0.063	<5



NOTES:

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEER'S 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 BCAR 2014.

DRAINAGE

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 1.20m UNDER ROADS, VERGES AND FOOTPATHS.

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.

SEWER PIPE LINES TO BE uPVC PIPES UP TO AND INCLUDING HEREIN TO BE INSTALLED STRICTLY TO MANUFACTURERS INSTRUCTIONS.

ALL VERTICAL STACK CONNECTIONS TO FOUL SEWER CHAMBERS TO INCORPORATE LONG RADIUS BENDS AND TURNS TO BE INSTALLED STRICTLY TO MANUFACTURERS INSTRUCTIONS.

Rev	Date	Drn	Chk'd	Description
P	08/03/2022	E.V	G.P	Issued for Stage 3 SHD Planning.

UISCE EIREANN - IRISH WATER APPROVED

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Project:	Residential Development at Greenhills Road, Walkinstown, Dublin 12	Project No:	20189	Dwg. No:	C01g
Drawing:	Drainage Sections & Details (2 of 2)	Scale:	@A1	Date:	Jan. 2022
Model Reference:	20189-LDE-ZZ-ZZ-M2-SC-0001	Drawn:	E.V	Rev:	P
Drawing Reference:	20189-LDE-07-00-DR-SC-4C01g	Model Rev:	P01	Suitability:	S01