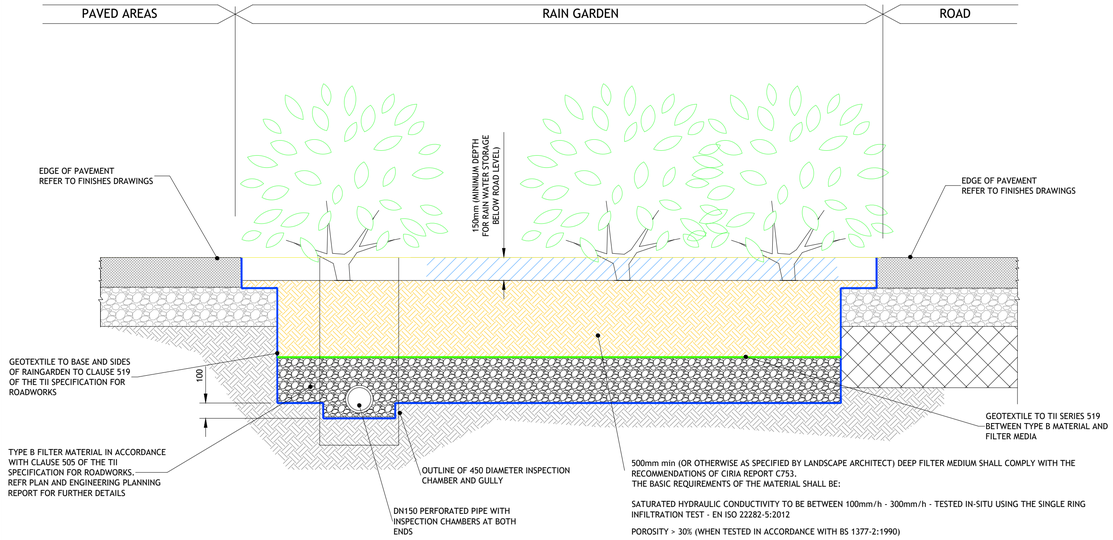


1. RAIN GARDEN - TYPICAL SECTION

SCALE 1:20

500mm min (OR OTHERWISE AS SPECIFIED BY LANDSCAPE ARCHITECT) DEEP FILTER MEDIUM SHALL COMPLY WITH THE RECOMMENDATIONS OF CIRIA REPORT C753.
THE BASIC REQUIREMENTS OF THE MATERIAL SHALL BE:

SATURATED HYDRAULIC CONDUCTIVITY TO BE BETWEEN 100mm/h - 300mm/h - TESTED IN-SITU USING THE SINGLE RING INFILTRATION TEST - EN ISO 22282-5:2012

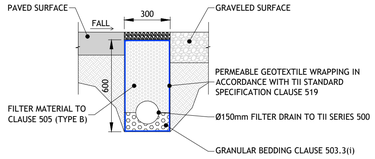
POROSITY > 30% (WHEN TESTED IN ACCORDANCE WITH BS 1377-2:1990)

PARTICLE SIZE DISTRIBUTION

6mm	100% PASSING
2mm	90-100% PASSING
0.6mm	40-70% PASSING
0.2mm	5-20% PASSING
0.063mm	<5% PASSING

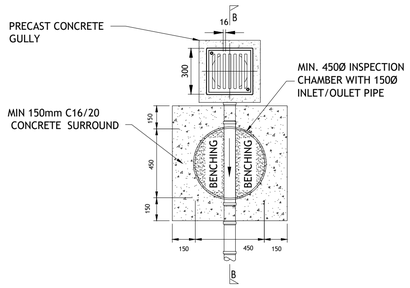
ORGANIC MATER CONTENT - 3-5% (w/w)

SOILS SHALL BE ASSESSED BY HORTICULTURIST TO ENSURE THAT IT WILL SUPPORT HEALTHY VEGETATION COMMUNITY. ANY COMPONENT FOUND TO CONTAIN HIGH LEVELS OF SALT, CLAY OR SILT PARTICLES OR OTHER EXTREMES WHICH MAY BE CONSIDERED RETARDENT TO PLANT GROWTH SHALL BE REJECTED.
THE FILTER MEDIUM LAYER MATERIAL SHALL NOT BE COMPACTED WHEN PLACED.



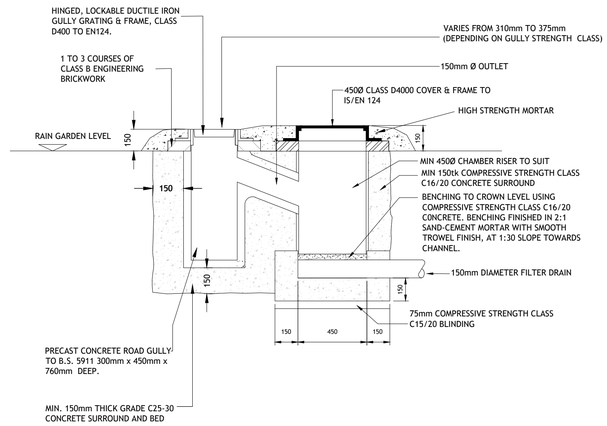
2. FILTER DRAIN - TYPICAL SECTION

SCALE 1:20



3. GULLY AND INSPECTION CHAMBER CONNECTION IN PLAN

SCALE 1:20



FOR STRENGTH CLASS OF GULLY REFER TO EN 124 : 2015, CLAUSE 5

NOTE 1 : PLACE OF INSTALLATION & FIGURES 9A AND 9B PROPRIETARY FITTINGS TO BE USED ON ALL PIPEWORK CONNECTIONS

NOTE 2 :
GROUP 1 - MIN. CLASS A15 GROUP 4 - MIN. CLASS D400
GROUP 2 - MIN. CLASS B125 GROUP 5 - MIN. CLASS E600
GROUP 3 - MIN. CLASS C250 GROUP 6 - MIN. CLASS F900

4. SECTION B-B - GULLY AND INSPECTION CHAMBER CONNECTION DETAIL

SCALE 1:20

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BUILDING INFORMATION MODELLING (BIM) - I.S. EN ISO 19650-2:2018
NSAI Certified

Rev	Amendment	By	Date	Rev	Amendment	By	Date
P01	PLANNING ISSUE	RD	2022.03.16				
P02	PLANNING ISSUE	RD	2022.03.24				

Client:
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Project: PART 8 REJUVENATION AND UPGRADE OF WELLVIEW PARK AND PUBLINC REALM AT WELLVIEW GREEN TERRACE				
Title: DRAINAGE DETAILS SHEET 1				
Drawn: RD	Date drawn: MARCH 2022	Technician Check: RD	Engineer Check: MR	Approved:
Project No: 202203	Model Ref: 202203-PUNCH-01-XX-M2-C-0500		Drawing Status: A0	
Scale @ A1: AS INDICATED	Document No: 202203-PUNCH-01-XX-M2-C-0500			Revision No: P02