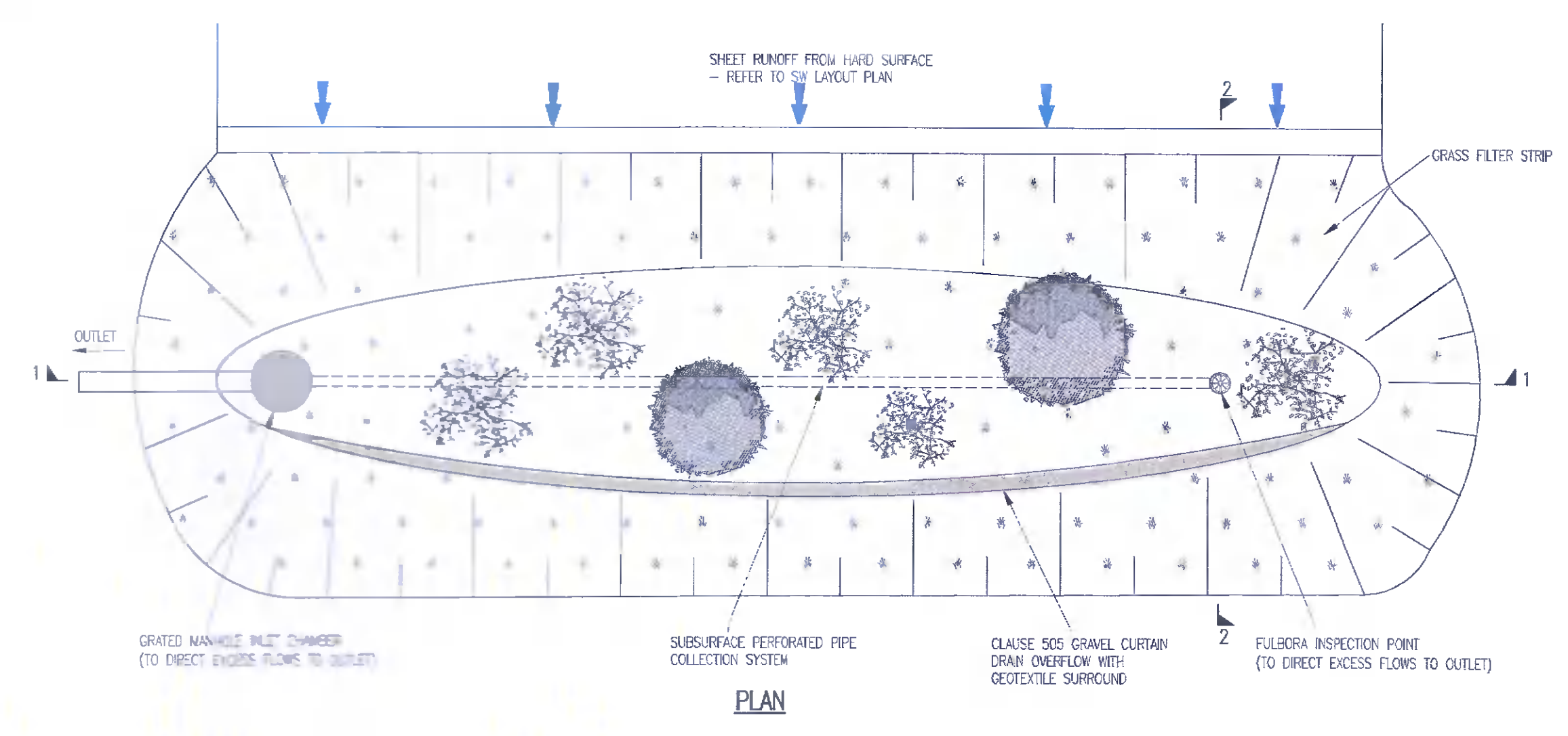
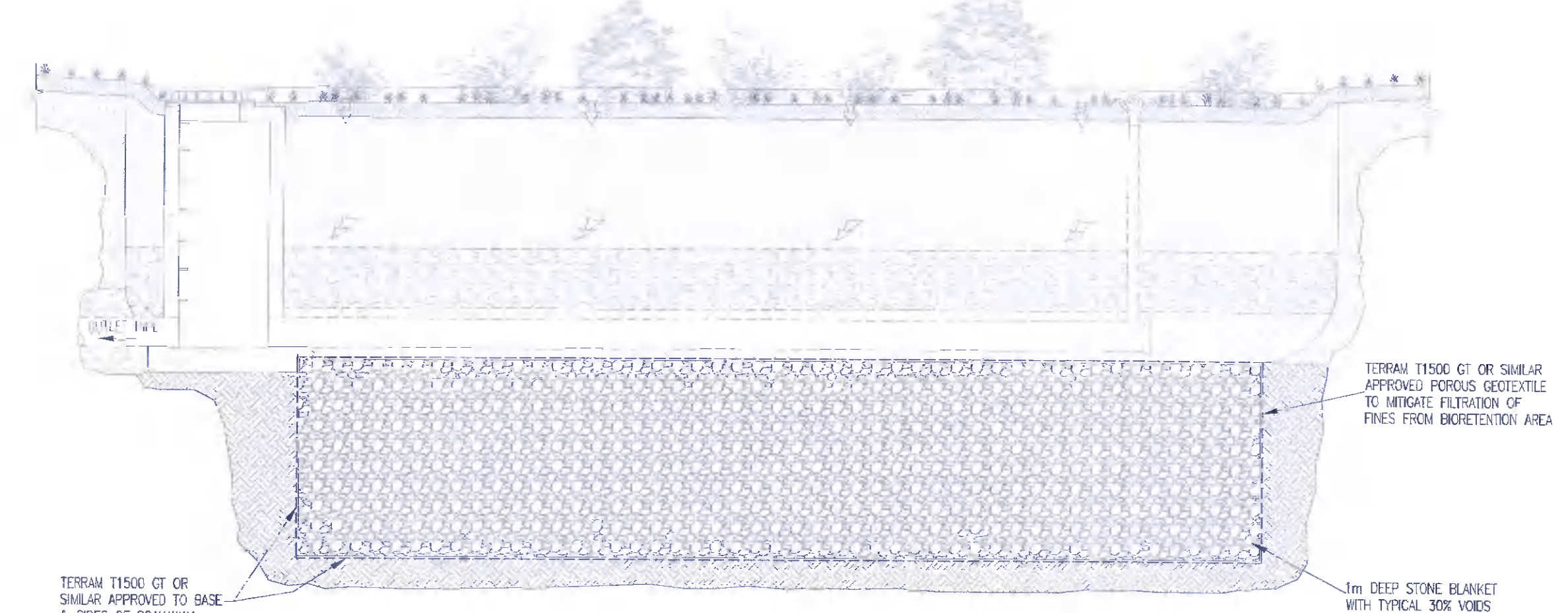


© COPYRIGHT OF THIS DRAWING IS RESERVED BY DBFL CONSULTING ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.
 NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL.

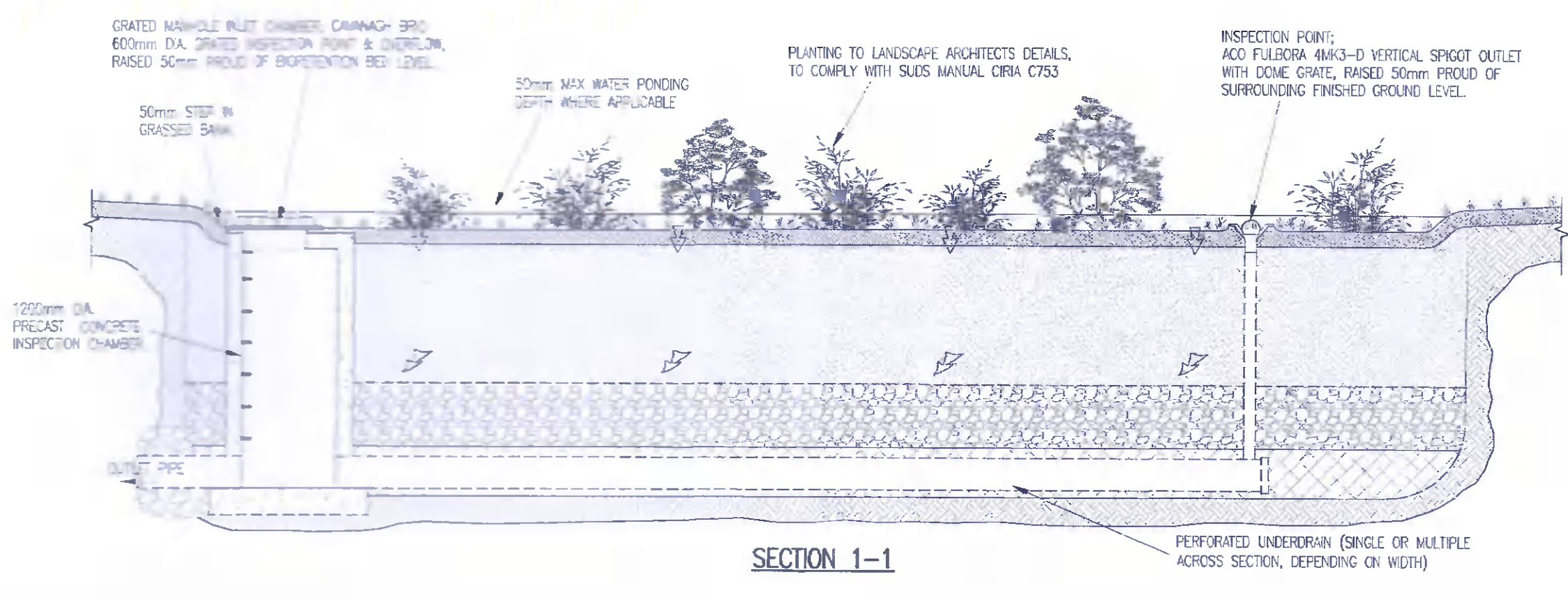
NOTES:



PLAN

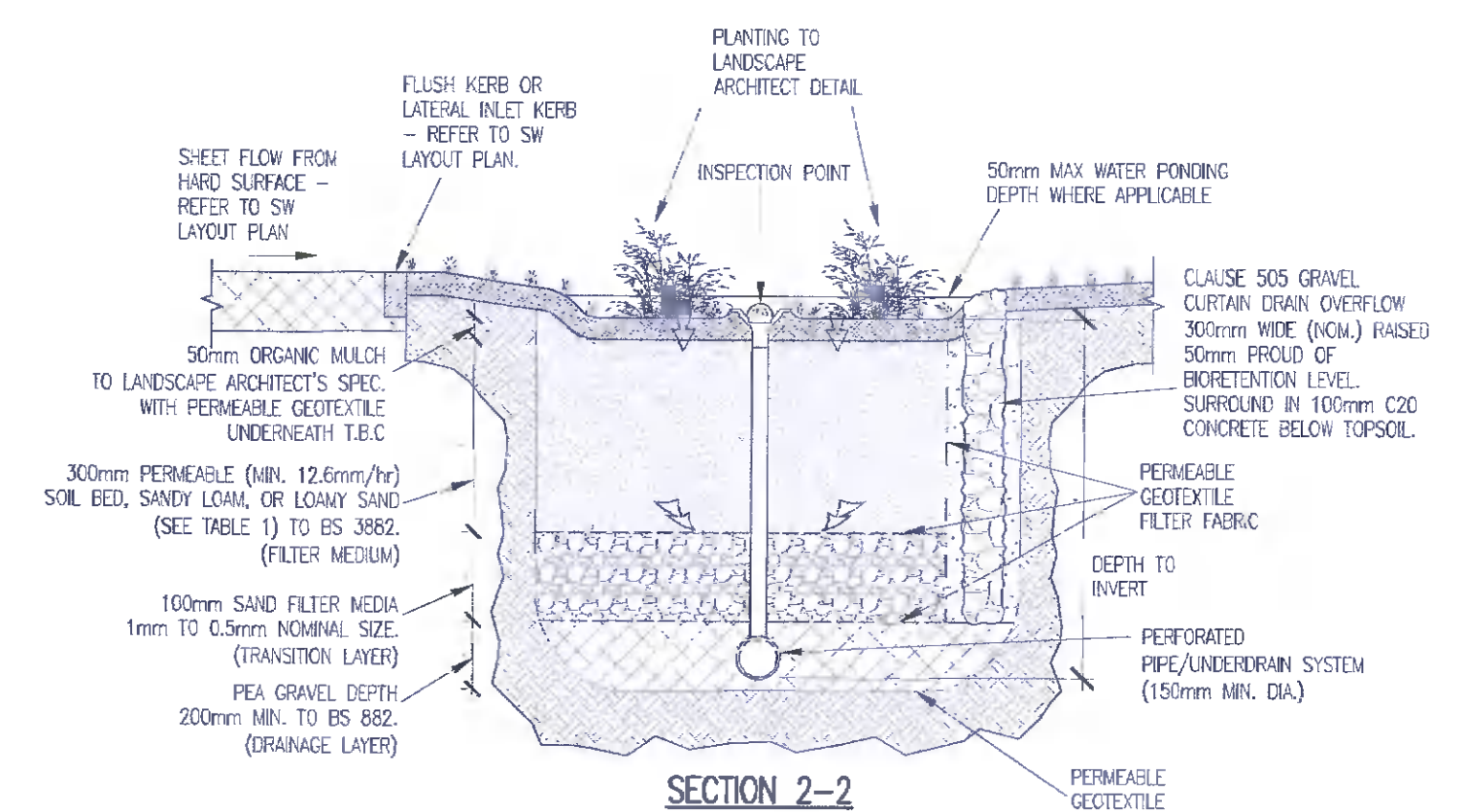


SOAKAWAY TRENCH - SCHEMATIC LAYOUT
SCALE: N.T.S.



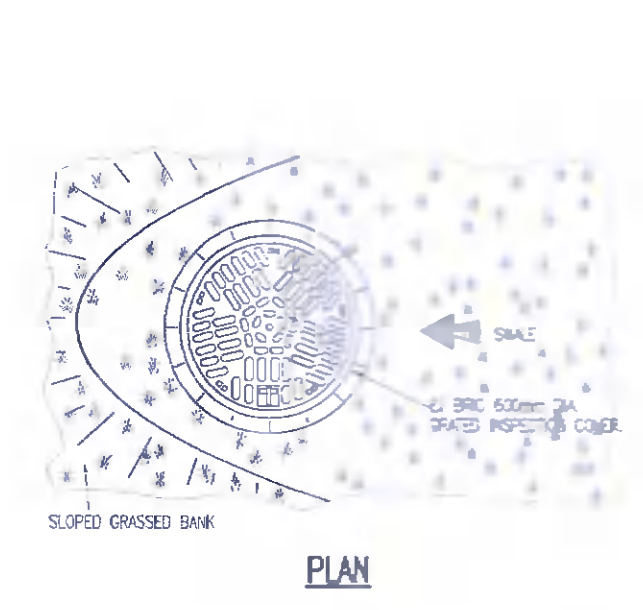
SECTION 1-1

BIORETENTION AREA / RAINGARDEN - SCHEMATIC LAYOUT
SCALE: N.T.S.

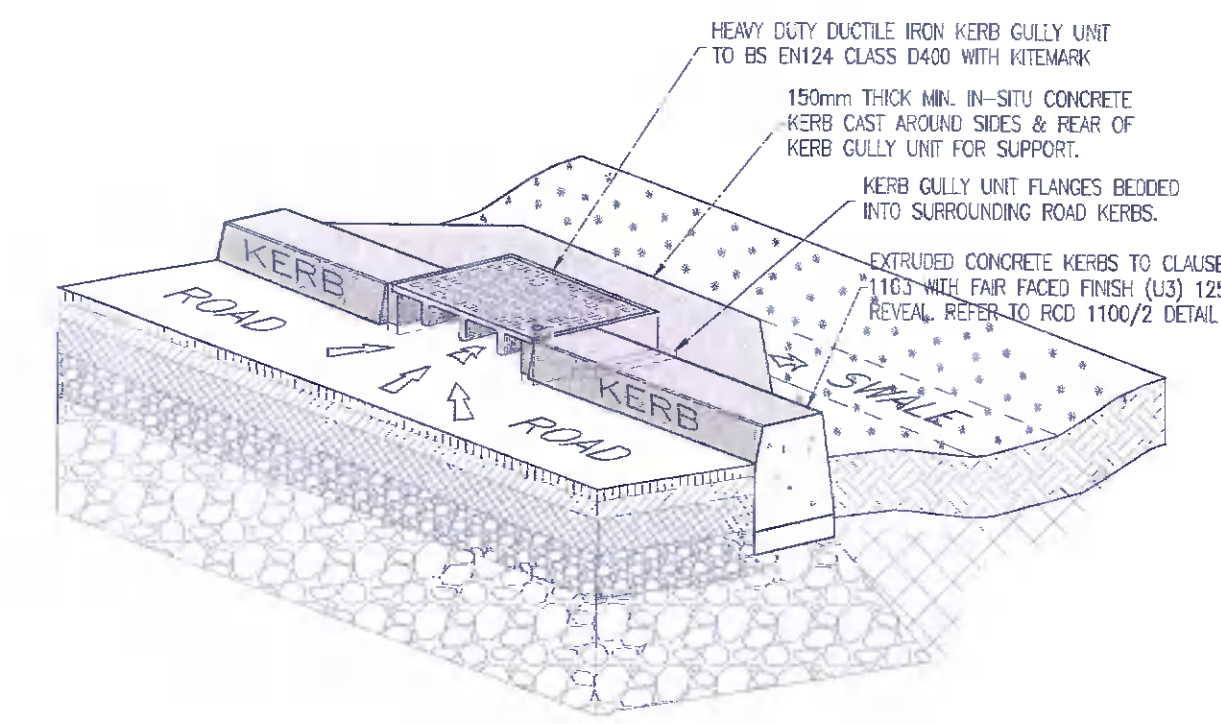


SECTION 2-2

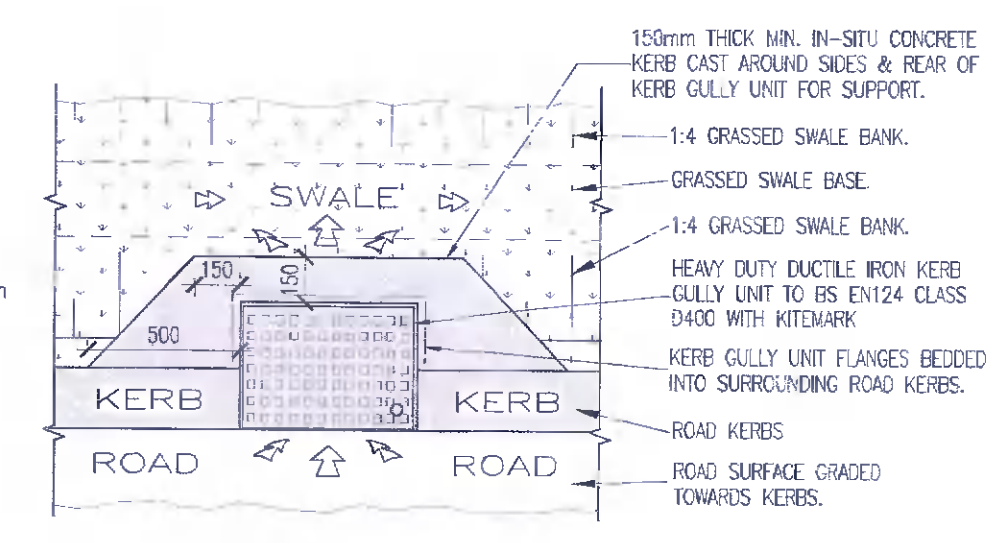
TABLE 1		
COMPONENT	PERCENTAGE	MIXTURE
SAND	35-60%	
SILT	30-50%	
CLAY	10-25%	
ORGANIC MATTER	0-4%	
TOP SOIL	--	



PLAN

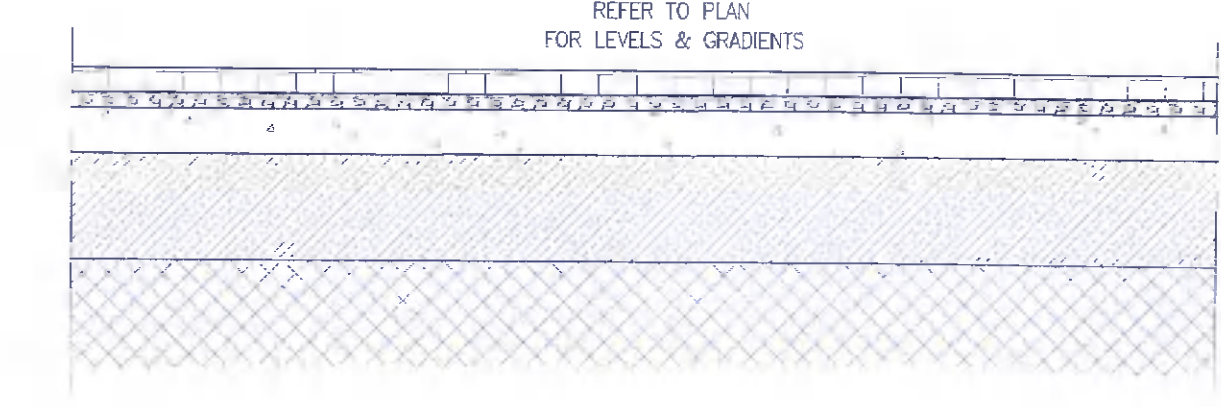


LATERAL INLET KERB GULLY SCHEMATIC [FOR ROAD DRAINAGE]
SCALE: N.T.S.

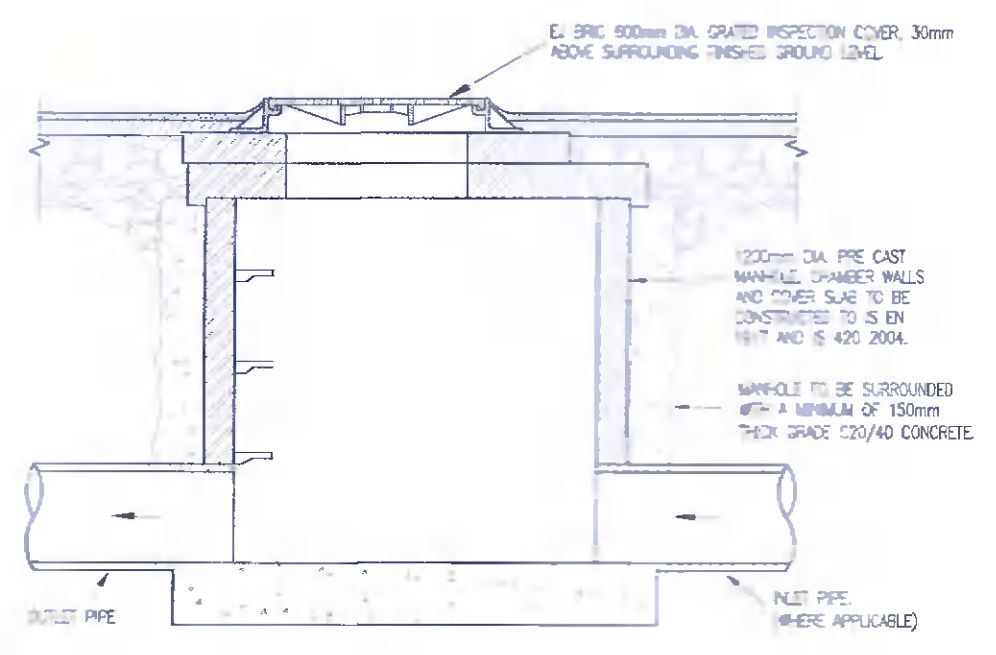


LATERAL INLET KERB GULLY PLAN [FOR ROAD DRAINAGE]
SCALE: N.T.S.

PERMEABLE PAVING AREA :
 80mm THICK PERMEABLE PAVING BLOCKS TO ARCHITECT/LANDSCAPE ARCHITECT SPECIFICATION (OR EQUIVALENT APPROVED PERMEABLE MACADAM T.B.C) ON 50mm THICK LAYING MATERIAL TO GRADING SPECIFIED IN BS 7533-13 TABLE A2 ON 350mm THICK SUB-BASE OF COARSE GRADED AGGREGATE TO GRADING SPECIFIED IN BS EN 7533-13 TABLE A1 ON IMPERMEABLE MEMBRANE TO BASE & SIDES OF PERMEABLE PAVING (HANSON AQUAFLOW SC MEMBRANE (OR SIMILAR APPROVED)) ON PROTECTIVE LAYER OF NEEDLE PUNCHED NON-WOVEN GEOTEXTILE TYPE PER200 (OR SIMILAR APPROVED) ON CAPPING WHERE REQUIRED - REFER NOTE.
 BUILD UP ABOVE MAY ONLY BE USED WHERE CER IS EXCESS OF 5%.

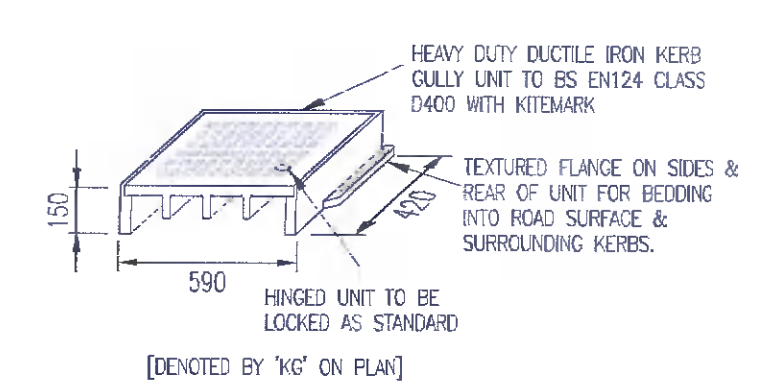


PERMEABLE PAVING FOR PARKING AREAS (TYPICAL CROSS-SECTION)
SCALE: N.T.S.

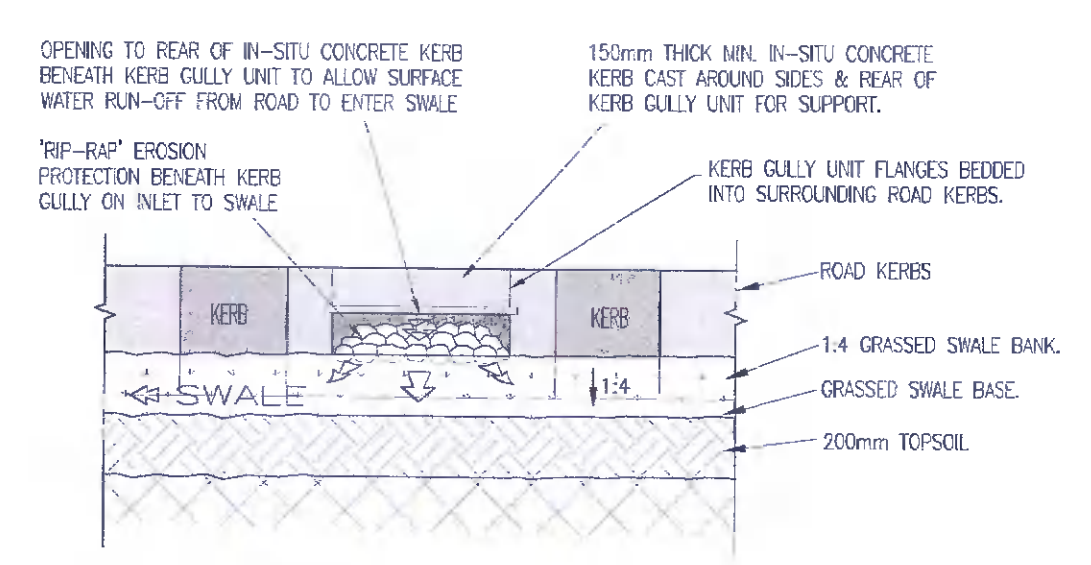


CROSS-SECTION

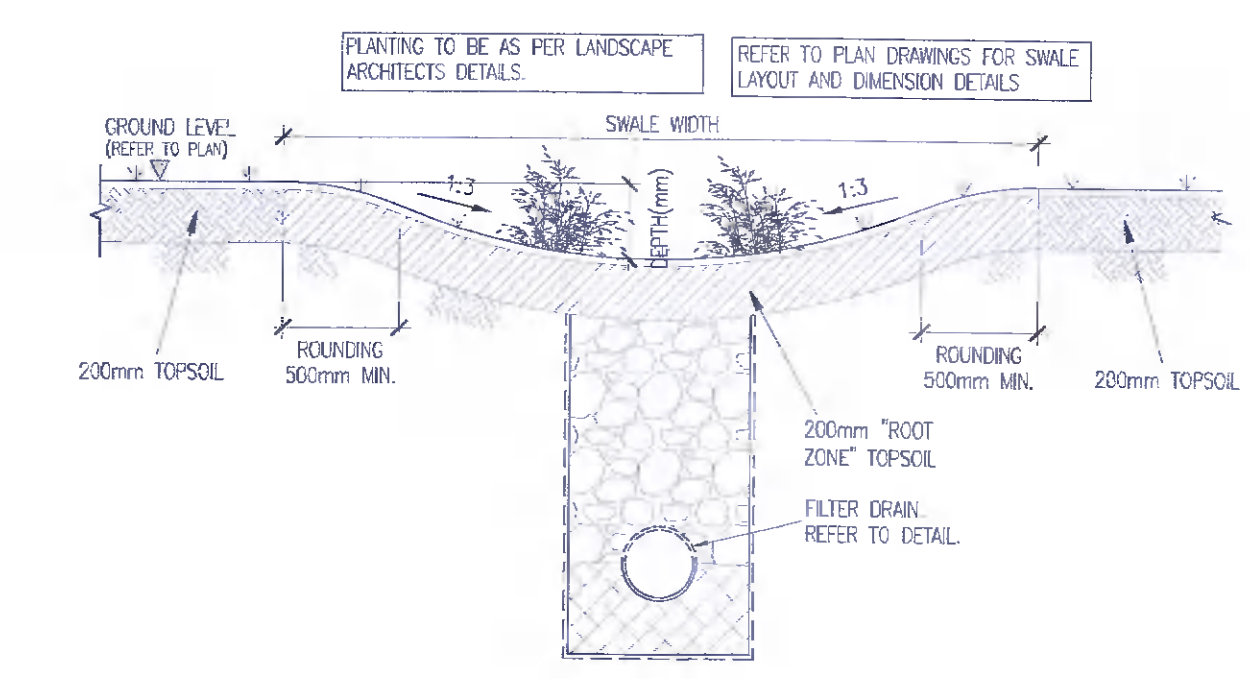
GRATED MANHOLE INLET CHAMBER
SCALE: N.T.S.



LATERAL INLET KERB GULLY DETAIL [LOCATED ALONG KERBLINES TO ALLOW ROAD SURFACE WATER RUN-OFF INTO SWALES]
SCALE: N.T.S.



LATERAL INLET KERB GULLY - REAR ELEVATION [FOR ROAD DRAINAGE]
SCALE: N.T.S.



PLANTED SWALE DETAIL
SCALE: N.T.S.

NOTE:
 ALL WORKS & SPECIFICATIONS TO BE UNDERTAKEN IN ACCORDANCE WITH:
 • TII SPECIFICATION FOR ROADWORKS
 • RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS

Rev	date	description	by	chd
P01	31/03/22	ISSUED FOR PLANNING	KJLE	RTM
A		Approved		
B		Approved with comments		
C		Do not use		

DBFL Consulting Engineers
 14 South Mall, Cork, T12 CT11
 PHONE: +353 21 200 500
 FAX: +353 21 200 501
 www.dbfl.ie

WAREHOUSING / LOGISTICS & OFFICES
 AT CALMOUNT ROAD, BALLYMOUNT

BLACKWIN LIMITED
 designed by: RTM
 author: KJLE
 scale: N.T.S.
 sheet size: A1
 drawing no.: 210175-DBFL-SW-SP-DR-C-5017
 revision: P01