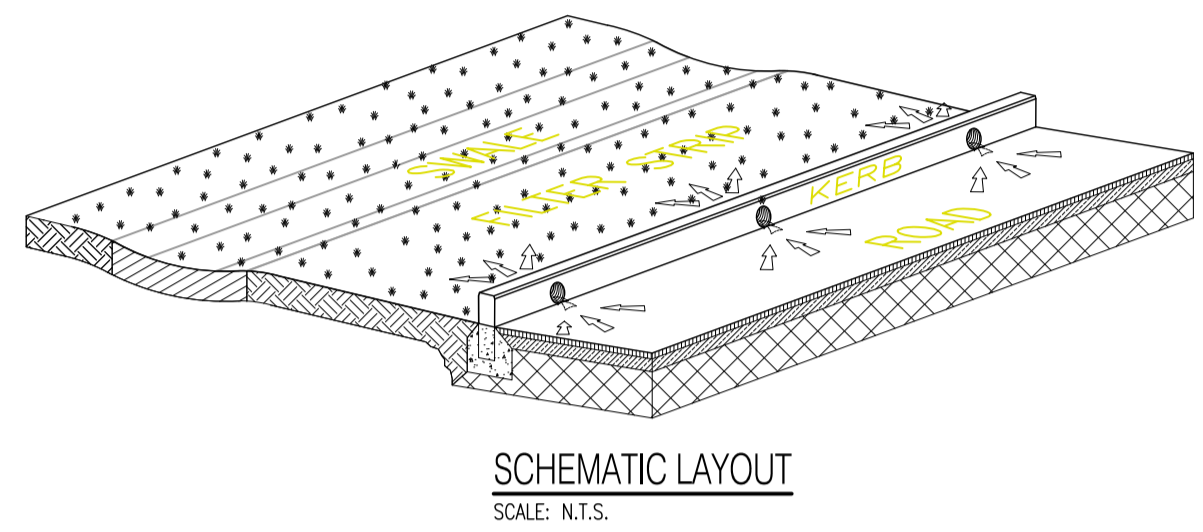
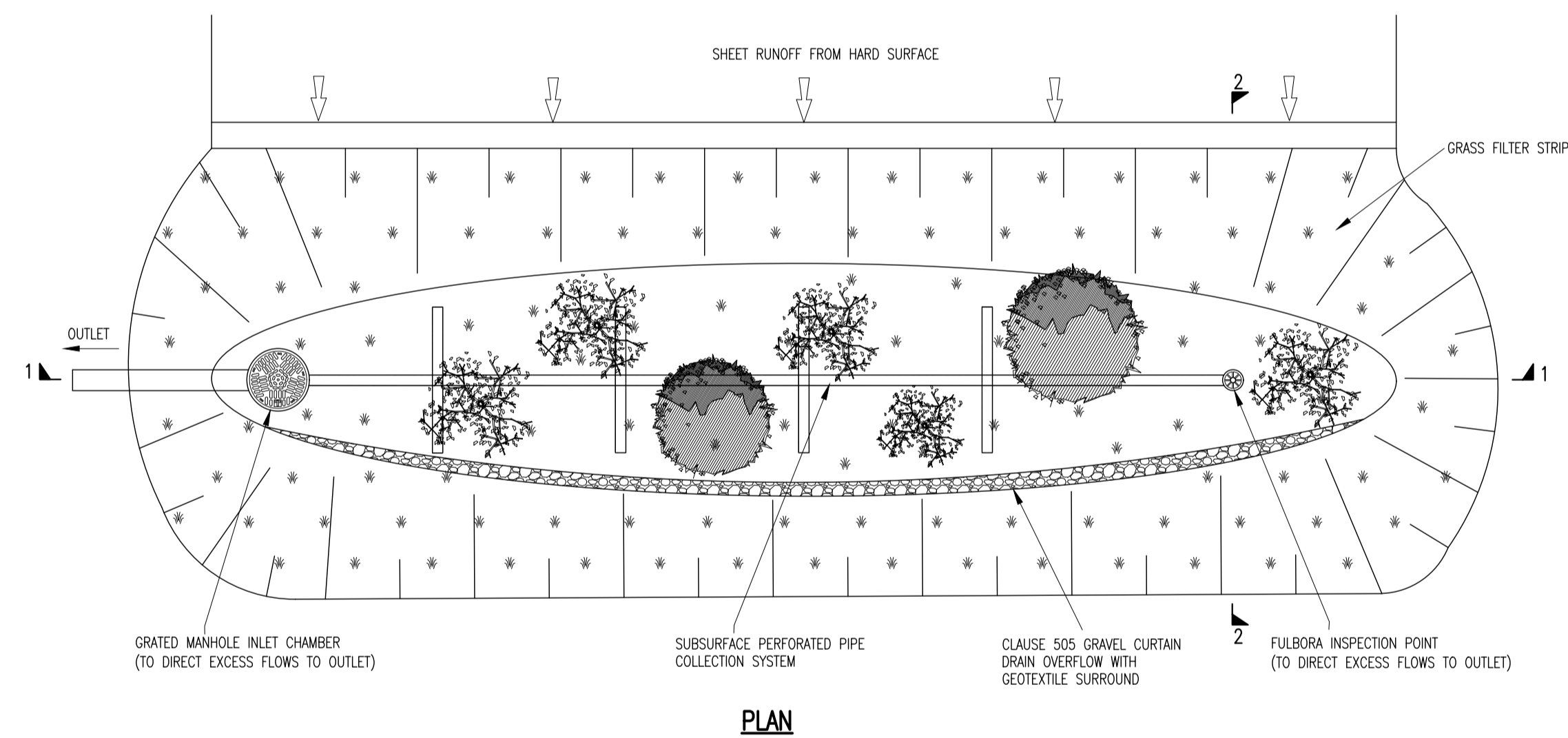


TYPICAL ROADSIDE LATERAL KERB INLET (NON-CONTINUOUS KERB)



TYPICAL ROADSIDE LATERAL KERB INLET (KERB WITH PIPE OUTLETS)



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

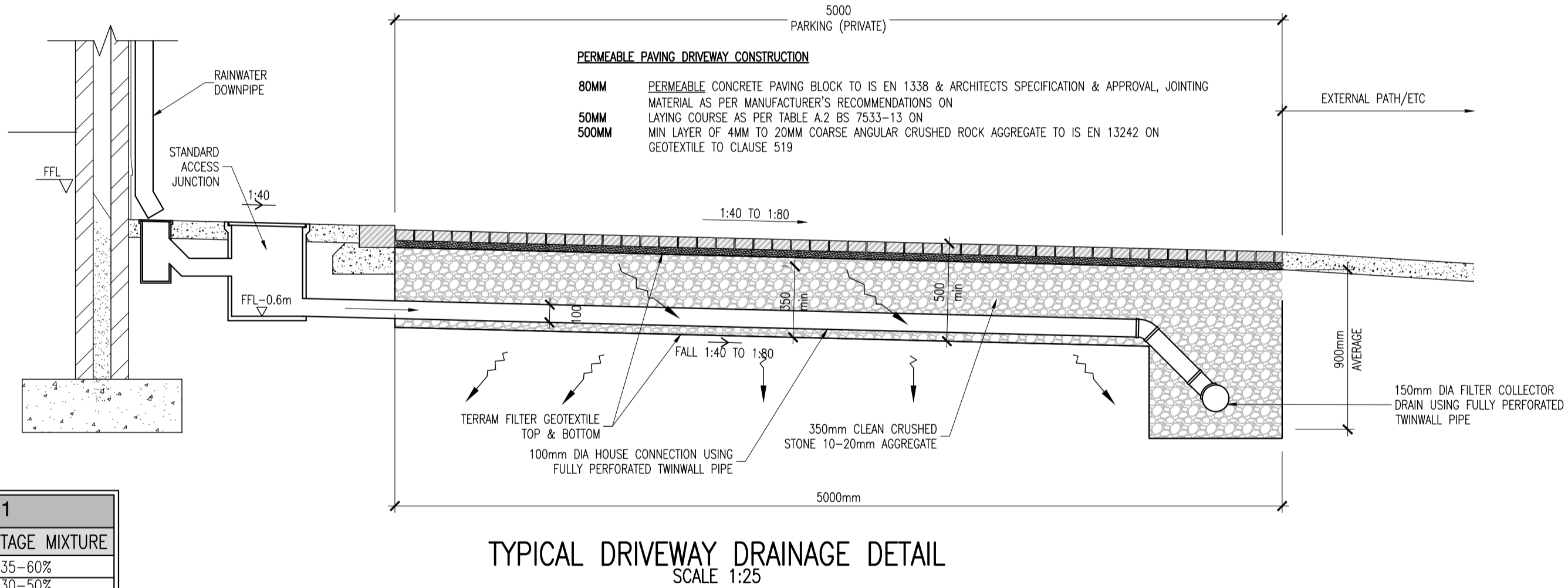
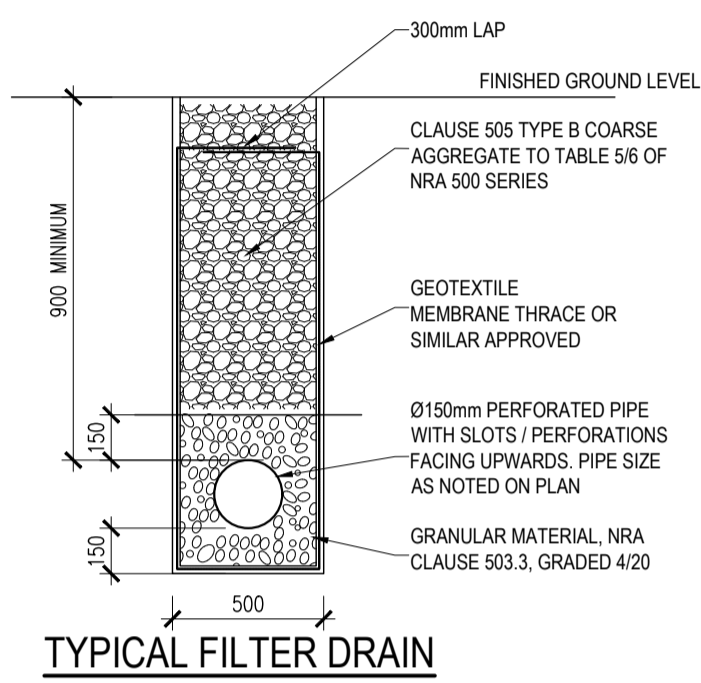
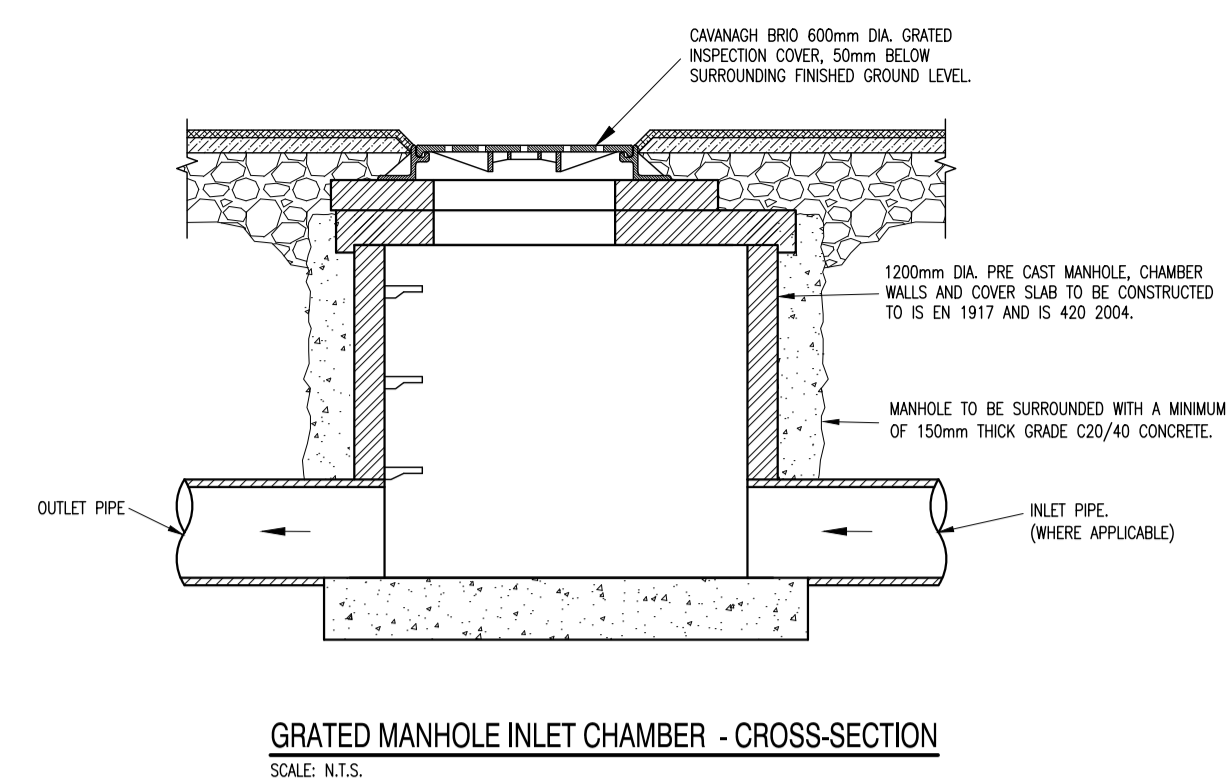
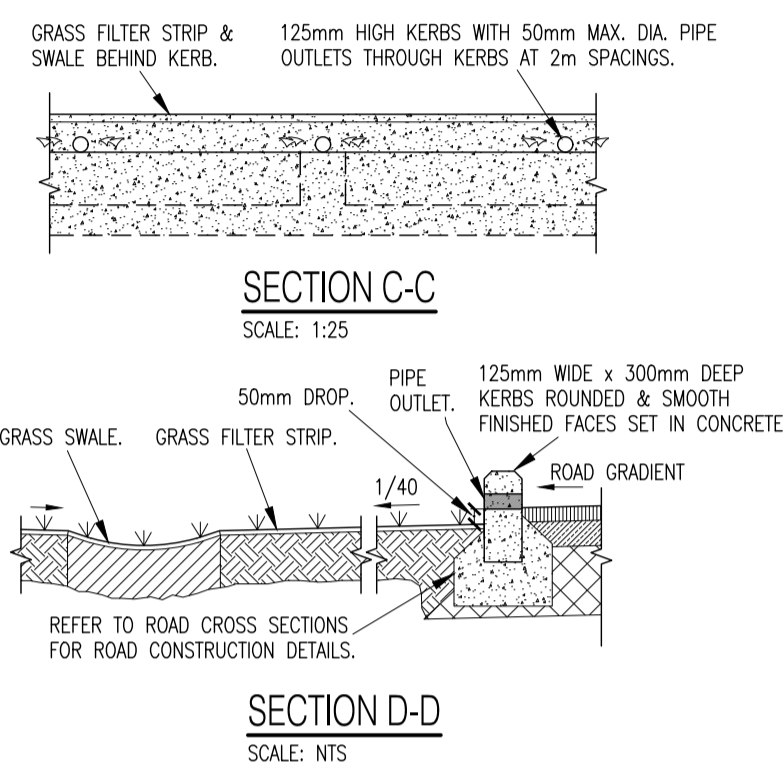
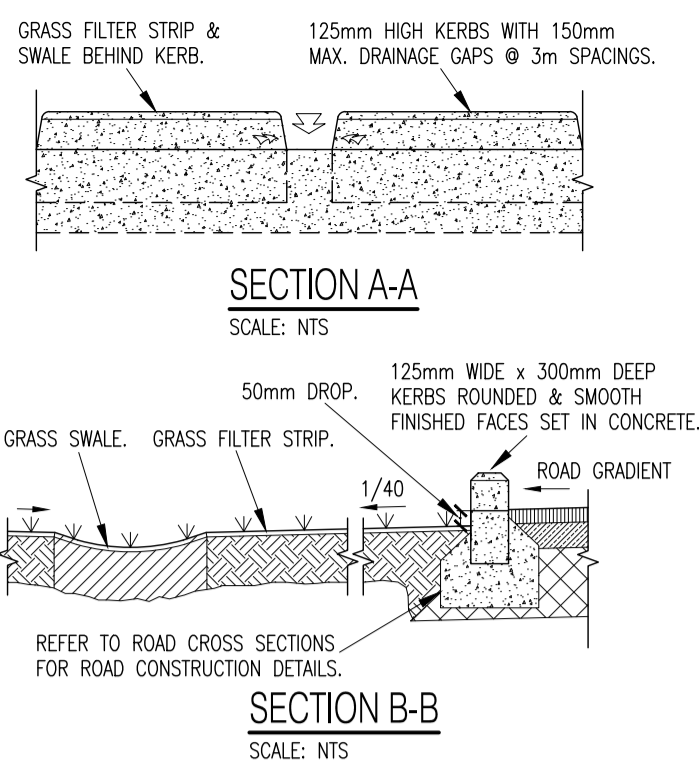
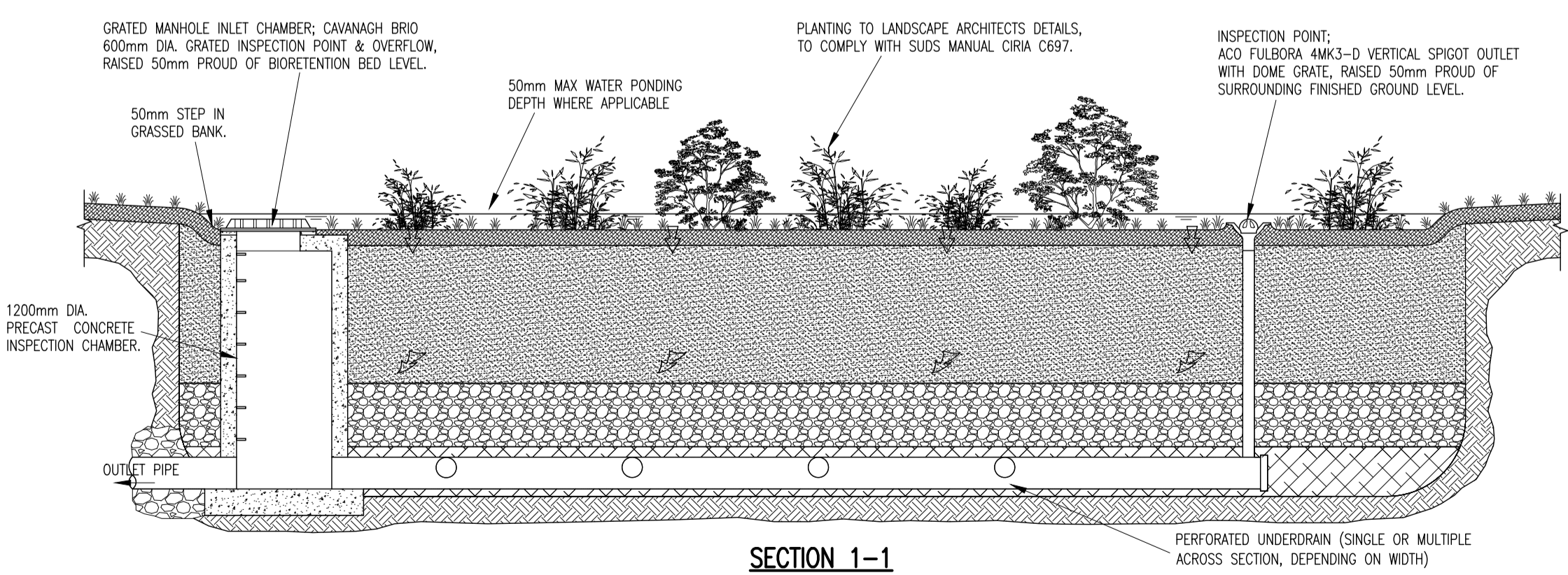
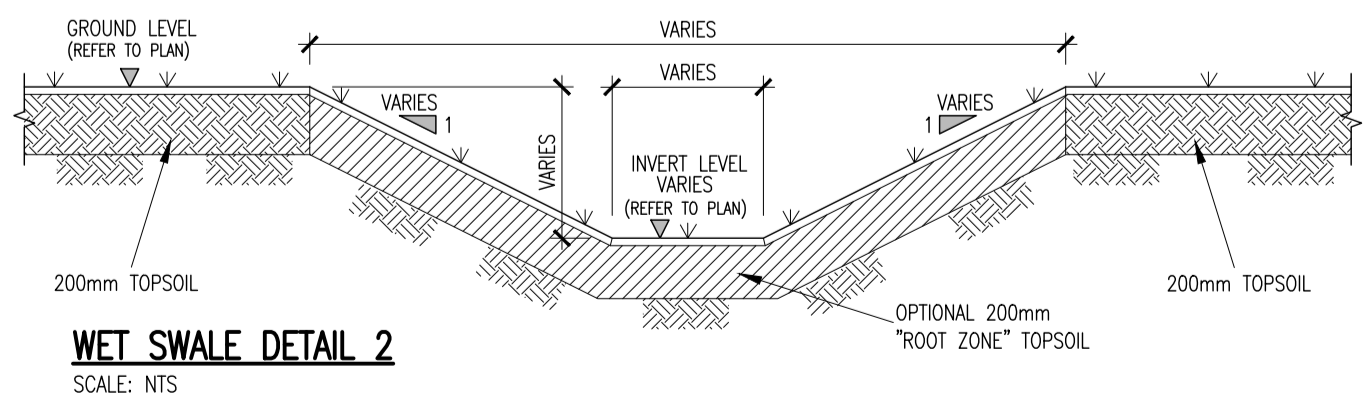
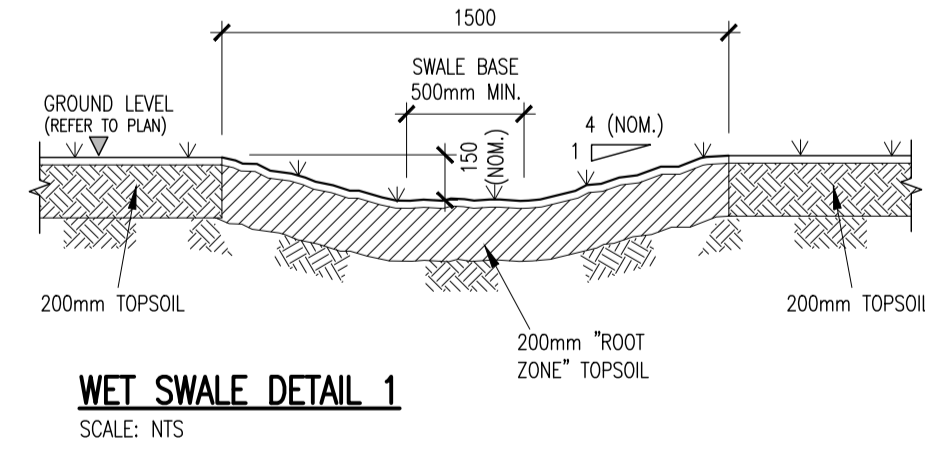


TABLE 1

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



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- NOTES:
- GENERAL NOTES:
- ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TS SPECIFICATION FOR ROADWORKS AND SOUTH DUBLIN COUNTY COUNCIL STANDARDS.
 - ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED OTHERWISE.
 - ALL COORDINATES ARE TO THE ITM (IRISH TRANSVERSE MERCATOR) GEOGRAPHIC COORDINATE SYSTEM.
 - ALL LEVELS ARE TO ORDNANCE DATUM IRELAND (MALIN HEAD).
 - ALL TEMPORARY TRAFFIC MANAGEMENT SHALL COMPLY WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.
 - ALL MATERIAL DISPOSED OFF SITE SHALL BE TAKEN TO A LICENSED FACILITY APPROVED BY SOUTH DUBLIN COUNTY COUNCIL.
 - ALL AGGREGATES PROPOSED FOR USE ON THIS SCHEME SHALL MEET FULLY THE REQUIREMENTS OF THE CONTRACT SPECIFICATION AND, IN ADDITION, THE REQUIREMENTS STATED IN STANDARD RECOMMENDATION SR 21:2014 - GUIDANCE ON THE USE OF IS EN 12622 - A1:2007 - AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS FOR USE IN CIVIL ENGINEERING WORK AND ROAD CONSTRUCTION. FURTHER DETAIL IS PROVIDED IN ADDITIONAL CLAUSE 144AR OF THE CONTRACT SPECIFICATION.

- DRAWING SPECIFIC NOTES:
- WHERE ROCKS OR OTHER HARD TRENCH BOTTOM IS ENCOUNTERED, THE FIGURE DENOTED BY '1' IS TO BE DOUBLED.
 - TYPE 1 GRANULAR MATERIAL:
BROKEN STONE OR GRAVEL TO PASS 10mm SIEVE AND BE RETAINED ON 5mm SIEVE.
 - TYPE 2 GRANULAR MATERIAL:
BROKEN STONE OR GRAVEL TO PASS 10mm - 25mm SIEVE, ACCORDING TO PIPE SIZE, (SEE TABLE) AND BE RETAINED ON 5mm SIEVE.
 - CLAUSE 601 S.R.W. BACKFILL:
UNIFORM READILY COMPACTED MATERIAL FREE FROM TREE ROOTS, VEGETABLE MATTER, BUILDING DEBRIS, AND FROZEN SOIL AND EXCLUDING CLAY LUMPS RETAINED ON A 75mm SIEVE AND STONES RETAINED ON A 37.5mm SIEVE.
 - RIGID PIPES SHALL MEAN CAST OR SPUN IRON, CONCRETE OR CLAY.
 - GULLY GRATINGS AND FRAMES SHALL COMPLY WITH THE REQUIREMENTS OF I.S. EN 124 1994. GULLIES SHALL BE CLASS D400.
 - GULLY WALLS SHALL BE CONSTRUCTED IN CLASS 30mm² PRECAST OR INSITU CONCRETE OR ALTERNATIVELY IN SOLID CONCRETE BLOCKS DESIGNATED S10, STRENGTH 10N/mm².
 - ALL PIPES TO BE BEDDED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 - SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO IS EN1916 AND IS 6:2004.

P01	17-11-21	ISSUED FOR PLANNING	DKE	JPC
rev	date	description	by	chkd.
		A - Approved		
		B - Approved with comments		
		C - Do not use		

SO - WORK IN PROGRESS PLANNING

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CLONBURRIS PHASE 1A

TYPICAL DRAINAGE DETAILS SHEET 3

client
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