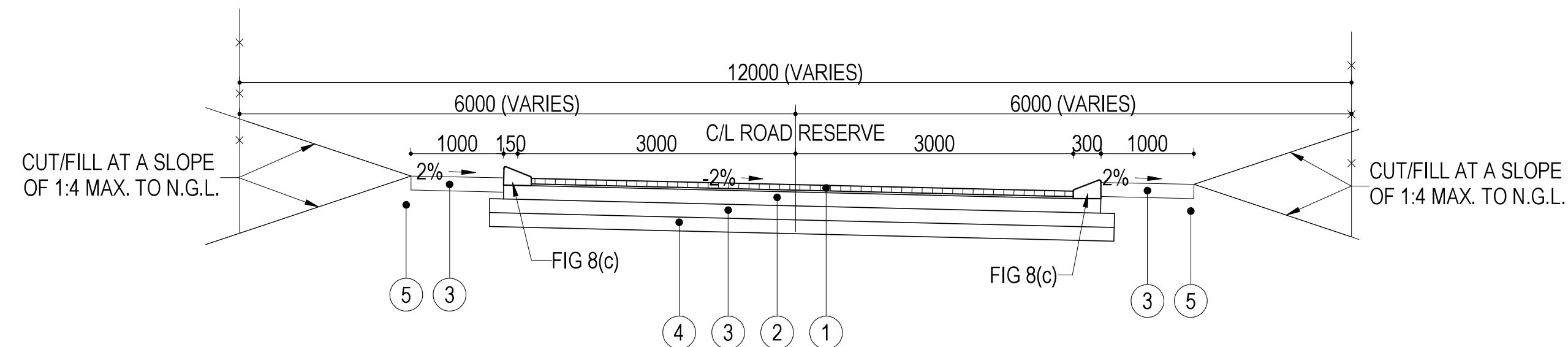
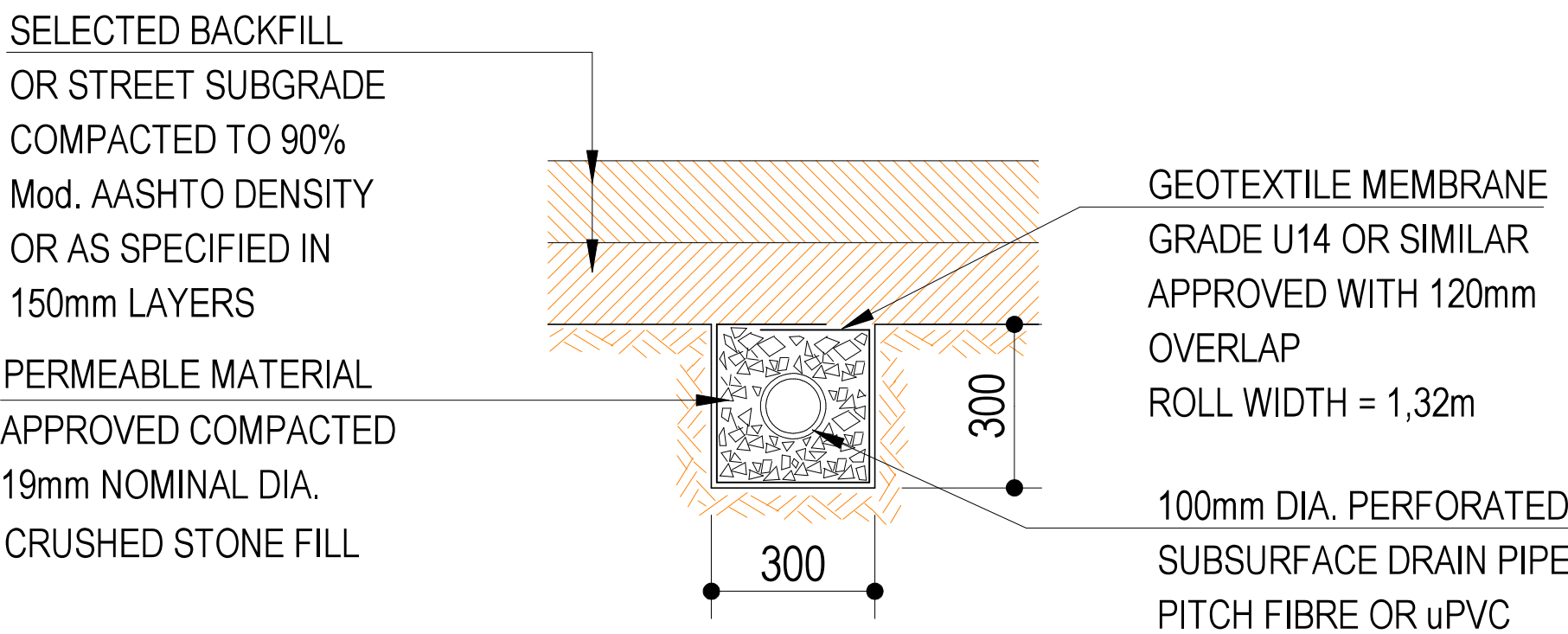




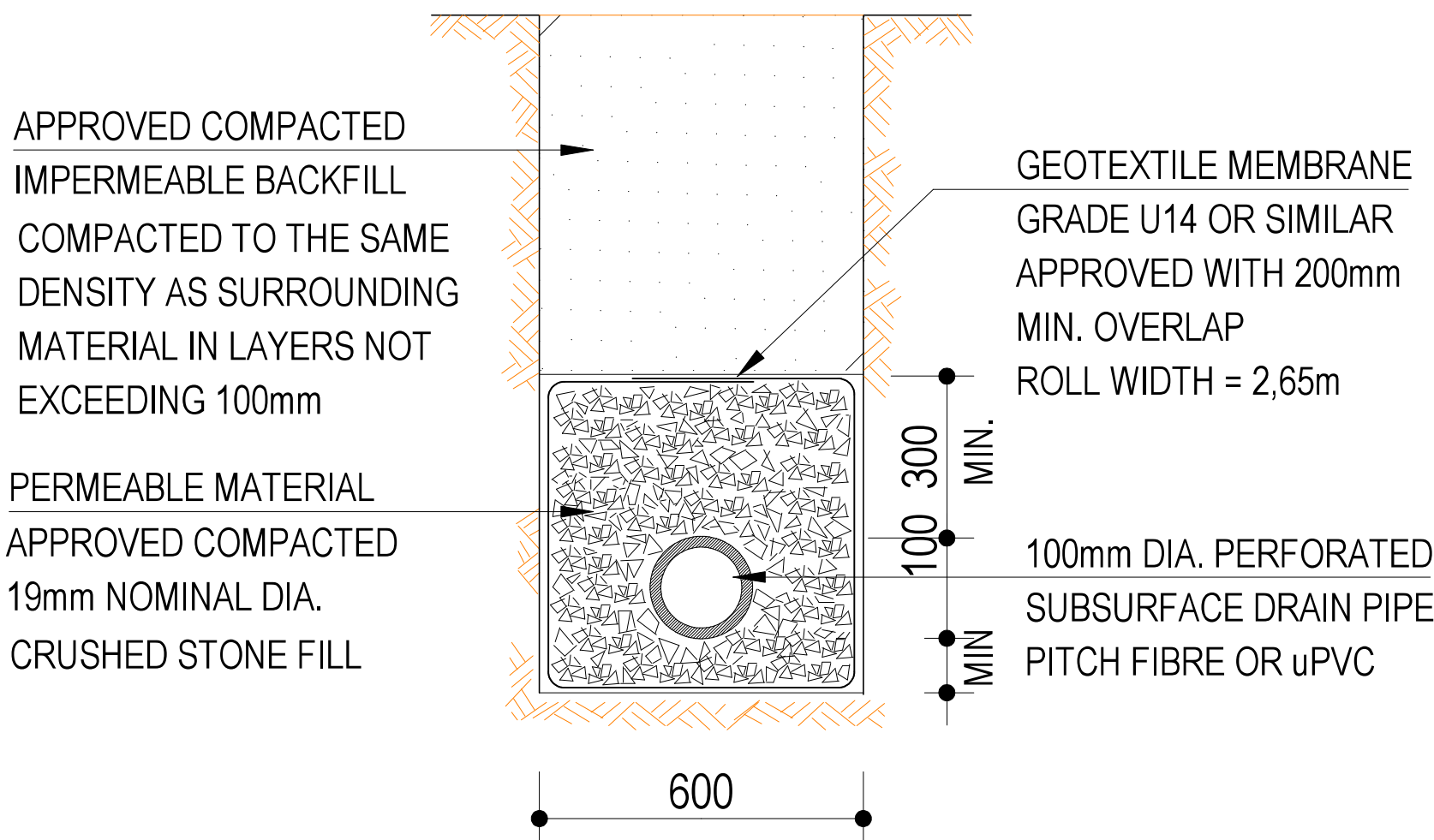
TYPICAL CROSS-SECTION : 6.0m WIDE PAVED ROAD
CROSSFALL RIGHT

SCALE: 1:50



DETAIL : 300 x 300mm SUBSURFACE DRAIN.

SCALE 1 : 20



DETAIL : 600 x 600mm SUBSURFACE DRAIN.

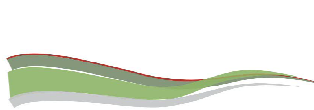
SCALE 1 : 20

PAVEMENT LAYER DETAILS:

- ① 80mm CONCRETE TYPE S-A INTERLOCKING PAVING BLOCKS ON 25mm RIVER SAND
- ② SUBBASE - 150 / C4 / SG / 1200 (UCS) / 12 (PI) COMPACTED TO 100% OF MOD AASHTO DENSITY
- ③ SELECTED - 150 / G7 / GS / 15 (CBR) / 12 (PI) COMPACTED TO 93% OF MOD AASHTO DENSITY
- ④ ROADBED - 150 / G9 / GS / 7 (CBR) / 12 (PI) COMPACTED TO 90% OF MOD AASHTO DENSITY
- ⑤ MASS FILL - SPECIFICATION BY ENGINEER

SPECIFICATION DETAILS:

1. PAVEMENT LAYER SPECIFICATIONS ARE GIVE IN THE FOLLOWING ORDER:
LAYER / LAYER THICKNESS / MATERIAL TYPE / MIN. STRENGTH (CBR or UCS) / MAX. PI / COMPACTION (MOD. AASHTO or APPARENT DENSITY)
2. MIN. UNCONFINED COMPRESSIVE STRENGTH (UCS) IS SHOWN IN kPa
3. ABBREVIATIONS:
GCS - GRADED CRUSHED STONE
GS - GRAVEL SOIL
NG - NATURAL GRAVEL
SG - STABILISED GRAVEL
CBR - CALIFORNIA BEARING RATIO
UCS - UNCONFINED COMPRESSIVE STRENGTH
PI - PLASTICITY INDEX

 FRANKFORT 6 Mark Street P.O.Box 864, Frankfort 9830 Tel : 058 813 2173 Fax : 058 813 4254 E-Mail : frankfort@flaggconsulting.co.za OTHER OFFICE : BLOEMFONTEIN FLAGG CONSULTING ENGINEERS (Pty) Ltd Consulting Civil and Structural Engineers Reg No 2012/130605/07	DESIGNED NAME:L.B.F. AMBROSE Prof Reg No:201370161 DATE: JUNE 2021	No.	REVISION	DRAWN	CHECKED	DATE	PROJECT DETAIL	SERVICE DETAIL	 MATJHABENG LOCAL MUNICIPALITY PO Box 708 WELKOM 9460 (057) 391 3911 (057) 353 2482	SCALE: AS SHOWN ENG. DRW NUMBER F0248-D300	PAPER SIZE: A1: 841 x 594
	DRAWN NAME:M. GOVENDER DATE: JUNE 2021						THE UPGRADING OF THE MERRIESPRUIT 3 COMMUNITY RESIDENTIAL UNIT- SPORTS FACILITY	SPORTS FACILITY: 6m PAVED ROAD: CROSS SECTION DETAILS		PROJECT STATUS CONCEPT DRAWING TENDER DRAWING APPROVED CONSTRUCTION DRAWING AS BUILT DRAWING	
	CHECKED NAME:L.G. MOTSOENENG Prof Reg No:201470097										
	SIGNATURE:..... DATE: JUNE 2021										