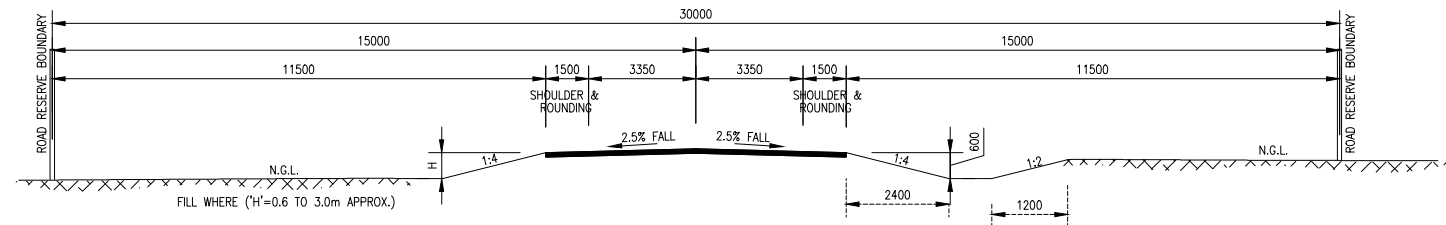


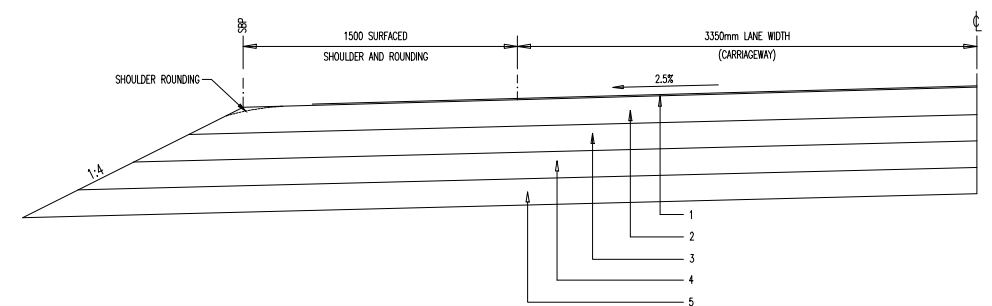
PROPOSED ROAD CROSS SECTION OF ROADS WITHIN THE SADC RLD PLOT

ROAD NAME	LANE WIDTH WL, m	U-DRAIN WIDTH m	WIDTH, Wt	SIDE WITH DRAIN
ROAD 4	3.0	1.8	16.08	LHS
ROAD 3	3.5	0.6	15.88	RHS
ROAD 1A	3.5	0.6	15.88	RHS
ROAD 1	3.0	0.6	14.88	LHS
ROAD 2	3.0	0.4	14.68	LHS
ROAD 5,6,7	3.5	0.6	15.88	LHS
ROAD 2A	GRAVEL ROAD WITH TOP WIDTH OF 7m			

- 1) 40mm ASPHALT CONCRETE SURFACING.
- 2) 150mm G1 CRUSHED STONE BASE COMPACTED TO 86% OF APPARENT DENSITY
- 3) 150mm C3 CEMENT STABILIZED SUB-BASE COMPACTED TO 97% MOD. AASHTO DENSITY
- 4a) 150mm G7 GRAVEL SELECTED SUBGRADE COMPACTED TO 95% MOD. AASHTO DENSITY (see notes 2).
- 4b) 150mm G8 GRAVEL SELECTED SUBGRADE COMPACTED TO 93% MOD. AASHTO DENSITY (see notes 2).
- 5) INSITU ROAD BED PREPARATION COMPACTED (REFER TO NOTE 1).
- 6) G7 FILL MATERIAL COMPACTED TO 93% MOD. AASHTO DENSITY
- 7) 60mm THICK INTERLOCKING PAVING BRICKS ON 40mm THICK BEDDING SAND.
- 8) 80mm THICK INTERLOCKING PAVING BRICKS ON 40mm THICK BEDDING SAND.



TYPICAL ROAD CROSS SECTION FOR ACCESS ROAD FROM A1.



ACCESS ROAD FROM A1 PAVEMENT CONSTRUCTION DETAIL

NOTES:

1. ROADBED PREPARATION AND COMPACTION

ROADBED INSITU MATERIALS IS TOBE SATURATED AND COMPACTED TO THE FOLLOWING SPECIFICATION

DEPTH BELOW ROADBED	MINIMUM COMPACTION TO BE ACHIEVED
0 TO 500mm	95% OF TEST 14 DENSITY OF BS1377.
500 TO 1000mm	90% OF TEST 14 DENSITY OF BS1377.

THE ABOVE APPLIES TO COMPACTION OF COHESIONLESS NON PLASTIC SAND WHICH SHALL BE TESTED TO TEST 14 DENSITY OF BS1377 OTHERWISE COMPACTION OF ROADBED SHALL BE TO 93% MOD AASHTO DENSITY.

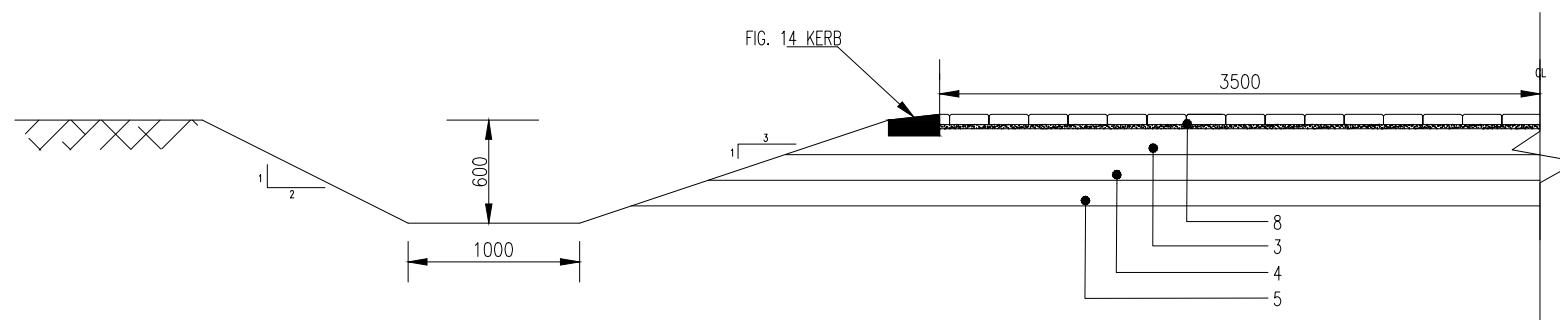
2. SELECTED SUBGRADE

SELECTED SUBGRADE MATERIAL SHALL BE PLACED AS SUBGRADE COVER AS PER FOLLOWING TABLE:

Selected Subgrade Layer	Fill or Roadbed Classification		
	SG3 (3≤CBR<7)	SG7 (7≤CBR<15)	SG15 (CBR≥15)
Upper	150mm G7	150mm G7	Not required
Lower	150mm G8	Not required	Not required

3. REFER TO DRAWING NO. BL813/500-159 FOR TRUCK PARKING PAVEMENT AND JOINT DETAILS.

4. REFER TO DRAWING NO. BL813/900-15 FOR PARADE SQUARE PAVEMENT AND JOINT DETAILS.



TYPICAL CROSS SECTION FOR TEMPORARY ACCESS ROAD THROUGH RASESA VILLAGE
1:20

EMPLOYER:



SOUTHERN AFRICAN DEVELOPMENT COMMUNITY

PROJECT :

CONSTRUCTION OF SADC STANDBY
FORCE REGIONAL LOGISTIC DEPOT

ENGINEER :



DESIGNED	B.D	DRAWN	B.N	CHECKED	T.T.M	REVIEWED	***	APPROVED	***
DATE	MAY 2021	DATE	MAY 2021	DATE	MAY 2021	DATE	MAY 2021	DATE	MAY 2021

REVISION	MARK	DATE	BY
STAGE 2 PRELIMINARY DESIGN	0	MAY, 2021	T.T.M
STAGE 3 FINAL DESIGN	0	MARCH, 2022	T.T.M
TEMPORARY ACCESS ROAD REVISED ROAD CROSS SECTION SIDE SLOPES 1:3, SIDE DRAIN OF 1m AND OUT SLOPE OF 1:2.	1	MARCH, 2022	T.T.M
PARADE SQUARE PAVEMENT DETAILS AMENDED.	2	APRIL, 2022	T.T.M

DRAWING TITLE

TYPICAL ROAD CROSS SECTIONS

SCALE: 1:50

CONTRACT:
SADC/RLD CONST/01

DRAWING No.
BI 813/500-150

EV	2
----	---