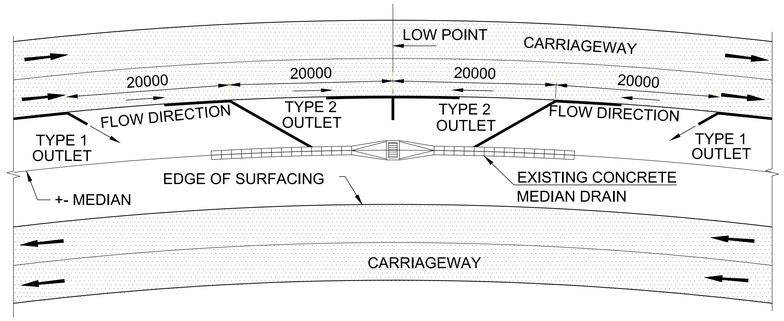
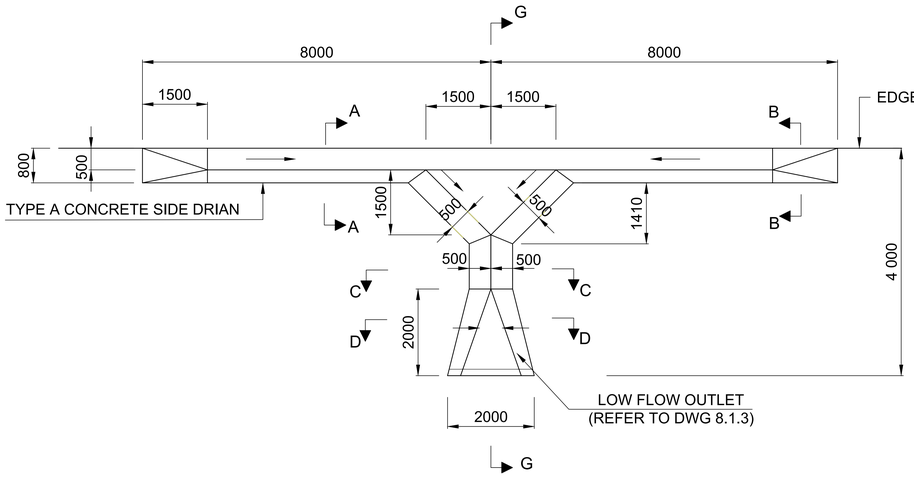


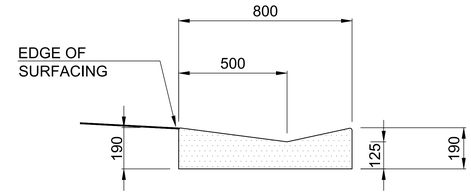
PLAN SHOWING TYPES & POSITION OF MEDIAN OUTLETS

N.T.S.



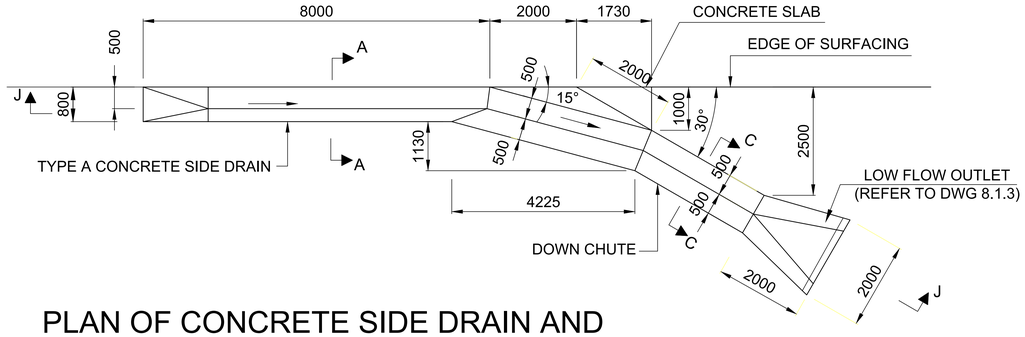
PLAN OF CONCRETE SIDE DRAIN AND OUTLET TO MEDIAN (LOW POINT)

SCALE 1:50



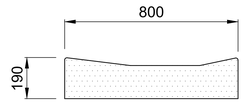
TYPE A CONCRETE SIDE DRAIN SECTION A-A

SCALE 1:10



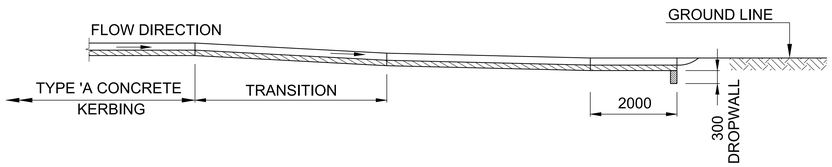
PLAN OF CONCRETE SIDE DRAIN AND MEDIAN OUTLET TYPE 1

SCALE 1:50



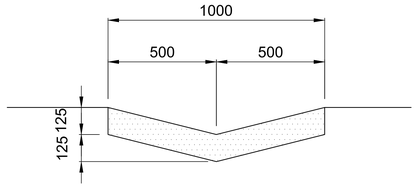
SECTION B-B

SCALE 1:10



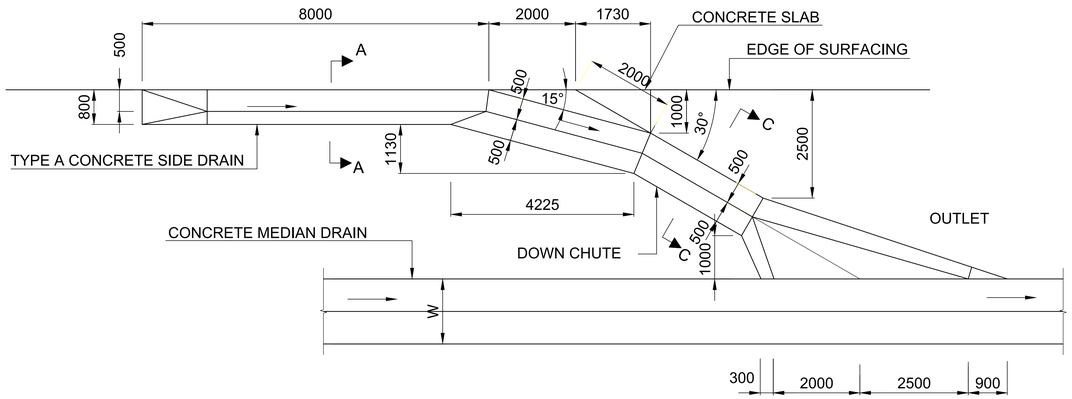
SECTION J-J

SCALE 1:50



SECTION C-C

SCALE 1:10



PLAN OF CONCRETE SIDE DRAIN AND MEDIAN OUTLET TYPE 2

SCALE 1:50

NOTES:

1. MATERIALS

1.1 REINFORCEMENT: SANS 920 (LATEST REVISION).

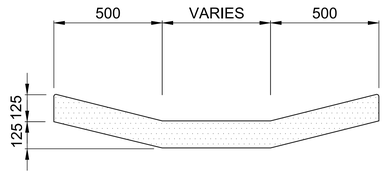
1.2 CONCRETE: SIDE DRAINS AND TRANSITIONS - CLASS 30/19.

2. MINIMUM CONCRETE COVER TO MAIN REINFORCEMENT IS 40mm.

3. ALL EXPOSED CORNERS MUST BE ROUNDED OFF TO A MINIMUM RADIUS OF 10mm OR BE CHAMFERED 25mm x 25mm.

4. REFER GENERAL NOTES REGARDING CONCRETE DRAINS ON SHEET 1 OF 7 (8.1.1).

5. DETAILS OF EXPANSION JOINTS IN CONCRETE DRAINS AND FINISHING OF SURFACING EDGE NEXT TO CONCRETE DRAINS SHOWN AS "DETAIL X" ON SHEET 1 OF 7 (8.1.1) APPLY TO ALL RELATED TYPICAL DRAWINGS.



SECTION D-D

SCALE 1:10

No.	DATE	REVISION
V1	08/03/2024	ORIGINAL VERSION

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BUILDING SOUTH AFRICA THROUGH BETTER ROADS

WESTERN REGION
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ACCEPTANCE

THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING

for the SA NATIONAL ROADS AGENCY SOC LTD.
Date:

PROJECT DESCRIPTION
THE CAPACITY IMPROVEMENT OF NATIONAL ROUTE 1 SECTION 1 FROM OLD OAK INTERCHANGE (KM 18.90) TO KOELENHOF INTERCHANGE (KM 33.00)

ROAD SURFACE DRAINAGE
MEDIAN DRAINAGE ON INSIDES OF CURVES
CONCRETE DRAIN DETAIL SHEET 6 OF 7

SCALE @ A0: AS SHOWN | SHEET 6 OF 7

PROJECT NUMBER	N001-010-2021/1	
DRAWING LOCATION DATA	START	END
ROUTE	N01	N01
SECTION	01	01
DRAWING km DISTANCE	18.900	33.000
DRAWING TYPE	DRAINAGE - SURFACE DRAINAGE	
BRIDGE/STRUCTURE No.	N/A	
CONSULTANT DRAWING No.	312-00827-01-TD54	VER
SANRAL DOCUMENT #	XXXXXX	V1

312-00827-01-TD54