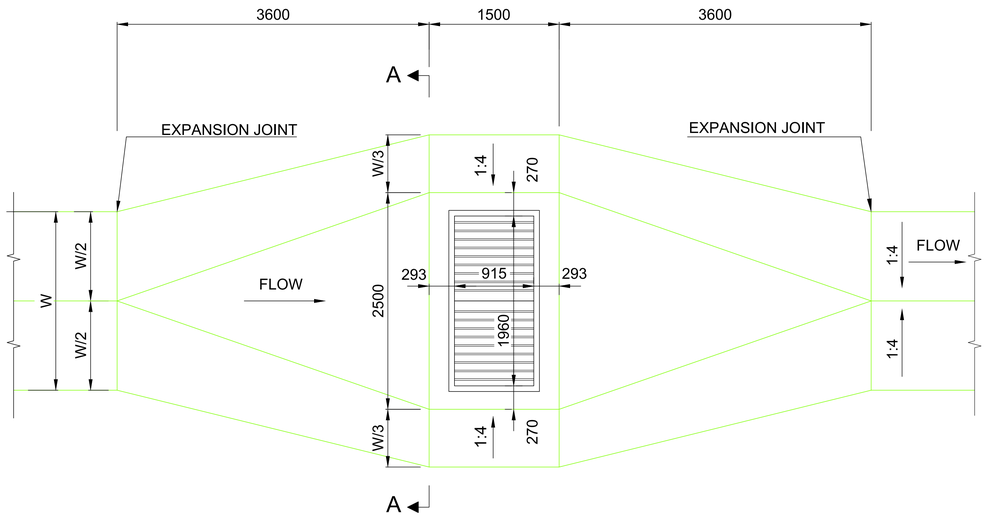
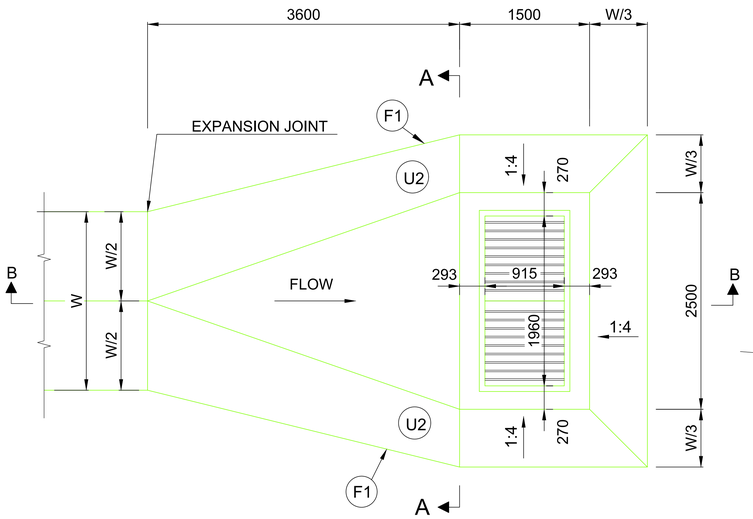


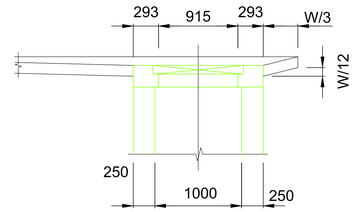

## MEDIAN CATCHPIT WHERE CONCRETE DRAIN CONTINUES

SCALE 1:25



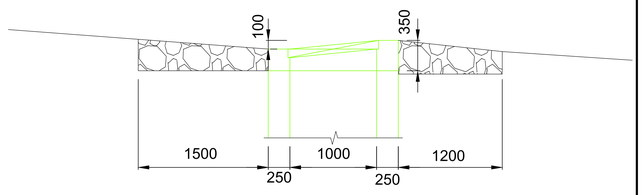

## MEDIAN CATCHPIT AT END OF CONCRETE DRAIN

SCALE 1:25



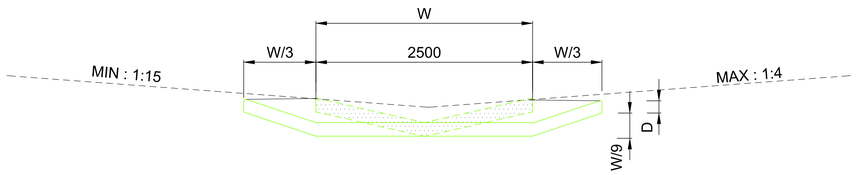

## SECTION A-A

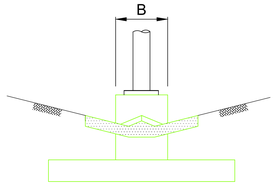
SCALE 1:25




## SECTION C-C

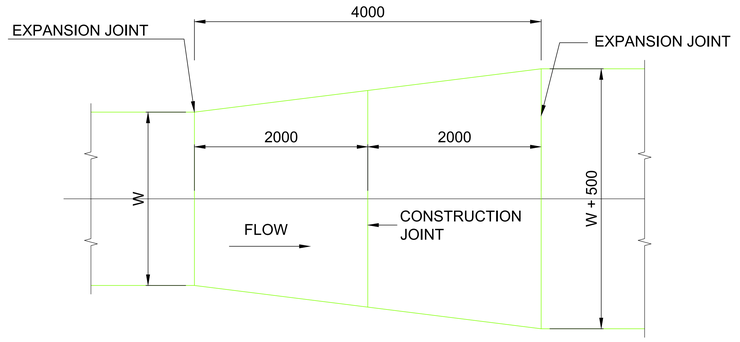
SCALE 1:25



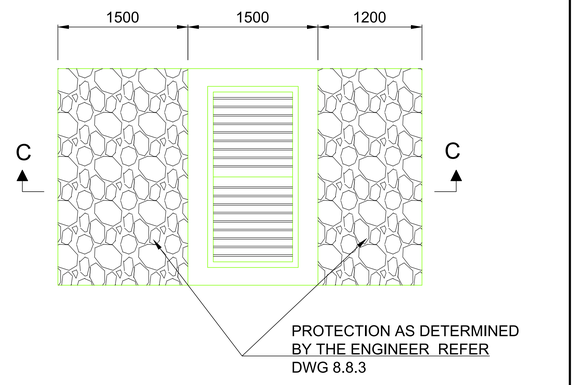

## SECTION B-B

SCALE 1:25



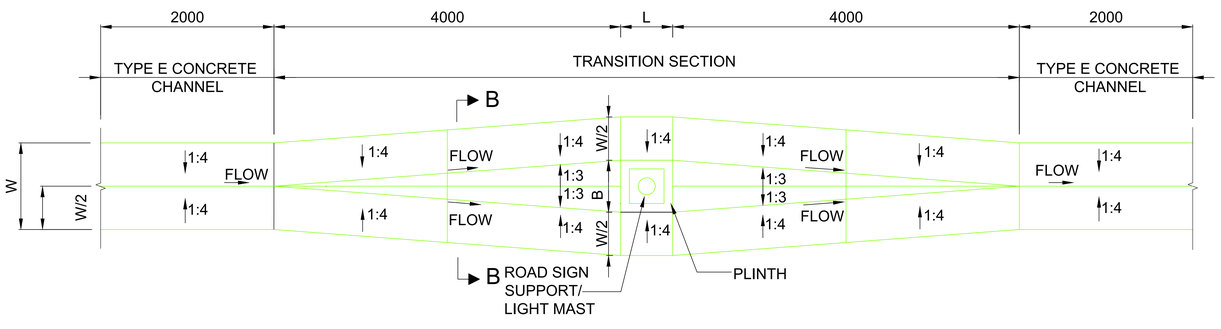

## TYPICAL TRANSITION FOR TYPE 'E' CHANNELS IN MEDIAN DRAINS

SCALE 1:25



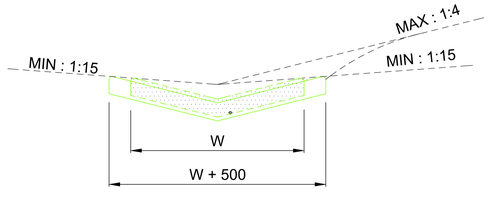

## MEDIAN CATCHPIT

SCALE 1:25




## MEDIAN CHANNEL TRANSITION AROUND PIERS, LIGHT MAST AND ROAD SIGN SUPPORTS

SCALE 1:25




## POSITION OF TYPE 'E' CONCRETE CHANNEL

SCALE 1:25

### NOTES :

1. ALL CONCRETE CHANNELS AND OTHER DRAINAGE STRUCTURES ON THIS PLAN TO BE CAST USING CLASS 30/19 CONCRETE.
2. TYPES 'E' AND 'F' CONCRETE MUST BE CAST IN ALTERNATIVE LENGTHS OF 2.0m MAXIMUM WITH EXPANSION JOINTS EVERY 5th PANEL (10 m)
3. ALL EXPOSED CORNERS MUST BE ROUNDED OF TO A MINIMUM RADIUS OF 10mm.
4. THE TYPE OF SURFACE FINISH IS INDICATED AS F1 & U2.
   F - FORMED SURFACES
   U - UNFORMED SURFACES
5. REFER GENERAL NOTES REGARDING CONCRETE DRAINS ON SHEET 1 OF 7 (TD-D-RD-1001)
6. 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 (TD-D-RD-1001) APPLY TO ALL RELATED TYPICAL DRAWINGS.

| 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**
**TYPE 'E' CONCRETE CHANNELS IN MEDIANS**
**SHEET 5 OF 7**

SCALE @ A0: AS SHOWN | SHEET 5 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-TD53 | VER |
| SANRAL DOCUMENT # | XXXXXX | V1 |

312-00827-01-TD53