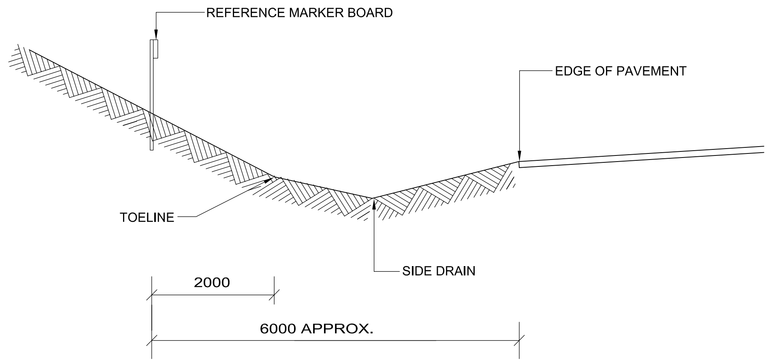
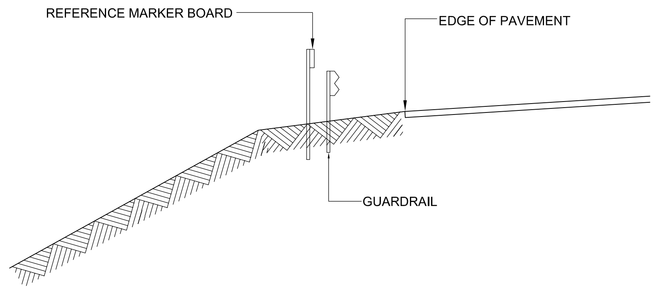


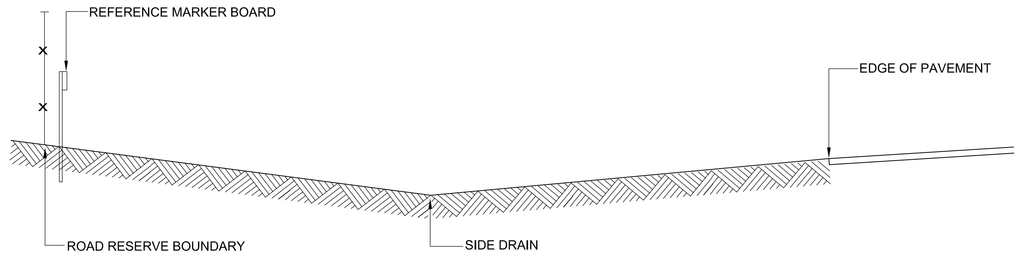
DETAIL A : MARKER BOARD POSITIONING - CUT

1:100



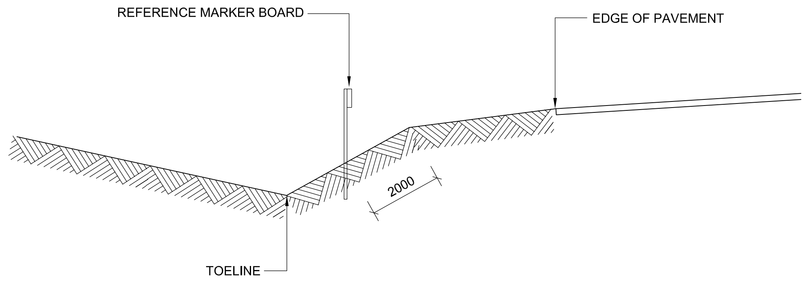
DETAIL C : MARKER BOARD POSITIONING - HIGH FILL

1:100



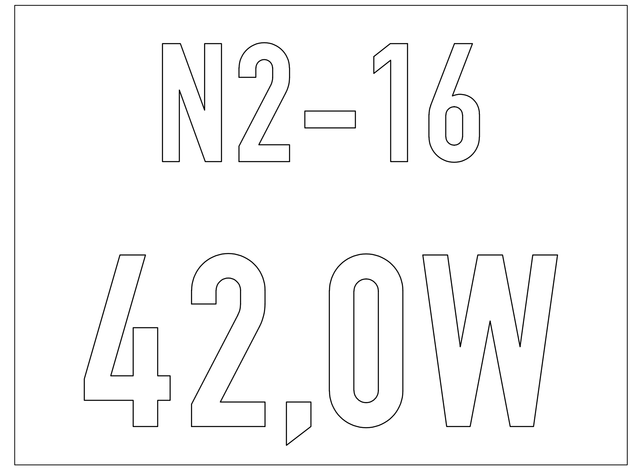
DETAIL B : MARKER BOARD POSITIONING - TYPICAL ROAD CROSS-SECTION

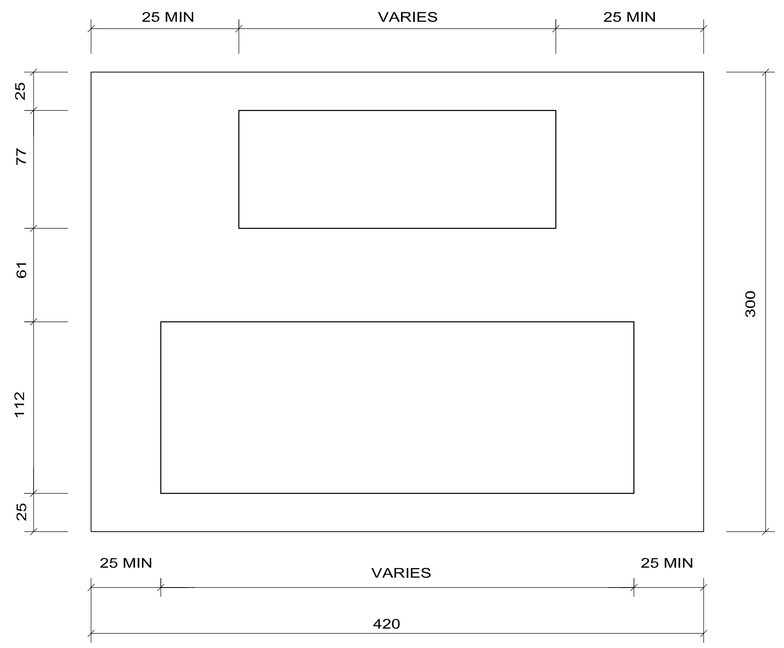
1:100



DETAIL D : MARKER BOARD POSITIONING - FILL

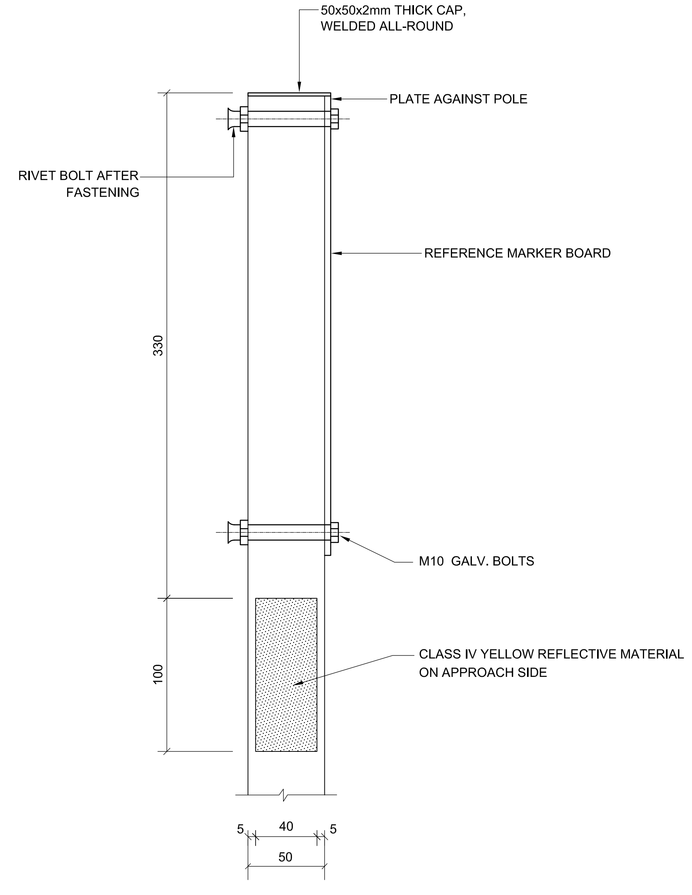
1:100





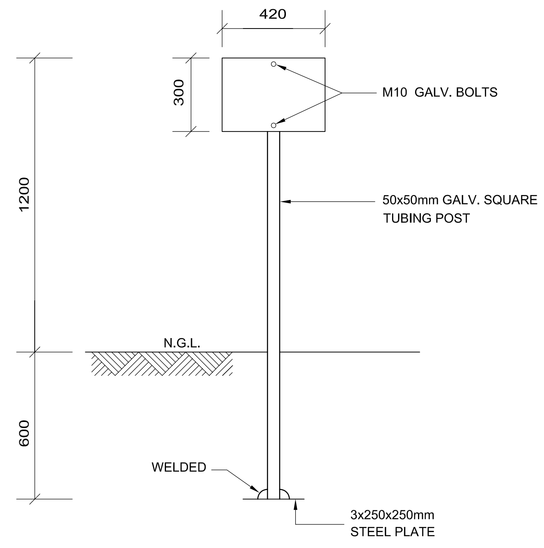
REFERENCE MARKER BOARD FOR NATIONAL ROADS

1:2



MOUNTING DETAIL

1:2



FRONT ELEVATION

1:25

NOTES:

1. THE REFERENCE MARKER BOARD SHALL BE USED TO INDICATE THE PROGRESSIVE DISTANCE FROM THE BEGINNING OF EACH SECTION OF A NATIONAL ROAD. MARKER BOARDS SHALL BE PROVIDED ON BOTH SIDES OF THE ROADWAY AT 200 METRE INTERVALS FOR DUAL CARRIAGEWAY ROADS, BUT ON ONE SIDE ONLY FOR SINGLE CARRIAGEWAY ROADS.
2. STANDARD SIZES OF REFERENCE MARKER BOARDS TO BE 420x300x1.4mm THICK "CHROMADEK".
3. ALL MARKER BOARDS SHALL BE MANUFACTURED USING CLASS I WHITE RETROREFLECTIVE MATERIAL ON A BLUE CLASS I BACKGROUND.
4. THE LEGEND SHALL BE DIN 1451 PART 2 STYLE "A" LETTERING AND NUMBERS.
5. THE LEGEND SHOULD BE ARRANGED AS FOLLOWS:-
   TOP LINE
   "N" FOR NATIONAL ROUTE, AND
   THE APPROPRIATE ROUTE NUMBER e.g. N2 AND
   THE APPROPRIATE SECTION NUMBER e.g. N2-16 (TYPE 1); OR
   THE APPROPRIATE SECTION NUMBER AND A "X" SUFFIX e.g. N3-9X (TYPE 2)
   FOR A PROCLAIMED TEMPORARY NATIONAL ROAD.
   BOTTOM LINE
   KILOMETRE DISTANCE FROM THE START OF EACH SECTION TO ONE DECIMAL,
   FOR PROGRESSIVELY EVERY 0.2km AND
   E FOR AN EASTBOUND CARRIAGEWAY
   W FOR A WESTBOUND CARRIAGEWAY
   N FOR A NORTHBOUND CARRIAGEWAY
   S FOR A SOUTHBOUND CARRIAGEWAY
6. MARKER BOARDS SHALL BE MOUNTED ON 50x50x2mm THICK SQUARE TUBING POSTS. THE POSTS MUST BE GALVANISED AFTER DRILLING OF HOLES AND WELDING ON OF BASE PLATE.
7. THE MARKER BOARDS SHALL BE PLACED WITH THE FACE AT 45 TO THE DIRECTION OF TRAVEL FOR DUAL CARRIAGEWAY ROADS AND PARALLEL FOR SINGLE CARRIAGEWAY ROADS.
8. THE MARKER BOARDS SHOULD BE LOCATED IN ONE OF FOUR POSITIONS AS INDICATED BY DETAILS A,B, C AND D, ACCORDING TO THE PROFILE OF THE ROADWAY CROSS-SECTION.
9. THE ENGINEER SHALL ENSURE THAT ALL MARKER BOARDS HAVE BEEN PLACED IN ACCORDANCE WITH THESE DIRECTIVES BEFORE ACCEPTING CONSTRUCTION OR WORK AS COMPLETED.

No.	DATE	REVISION	CONSULT. ENG.
V1	21/06/2023	ORIGINAL VERSION	-

CONSTRUCTION RECORD (AS-BUILT)
WORKS CONTRACT ENGINEER
Name :
Prof. Reg. No. :
Date :
SANRAL PROJECT MANAGER
Name :
Date :

DESIGNED BY
NAME -
Prof. Reg. No. -
CHECKED BY
NAME -
Prof. Reg. No. -
DRAWN BY
NAME -

CONSULTANT APPROVAL
Name : -
Prof. Reg. No. : -
Date : -

HEAD OFFICE
48 Tambotie Avenue
Val de Grace
Pretoria
0184

PO Box 415
Pretoria 0001
South Africa

Tel: (012) 844 8000

SANRAL
SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
Reg No. 1998/422664/30
BUILDING SOUTH AFRICA THROUGH BETTER ROADS

NORTHERN REGION
38 Ida Street
Menlo Park
Pretoria
0081

Private Bag X17
Lynnwood Ridge
0040

Tel: (012) 426 6200

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

MSBBR : R531 SECTION 2 - EMERGENCY REPAIR OF DAMAGED STEEL RIBBED PIPE CULVERT AT km 6.9 AND SINKHOLE AT km 11.4

DRAWING DESCRIPTION

TYPICAL DETAIL OF REFERENCE MARKERS

SCALE : AS SHOWN (A0 SHEET) | **SHEET 1 OF 1**

PROJECT NUMBER	R.531-020-2023/1	
DRAWING LOCATION DATA	START	END
ROUTE	R531	R531
SECTION	2	2
DRAWING km DISTANCE	km 6.90	km 11.40
DRAWING TYPE	ROADS - ANCILLARY	
BRIDGE/STRUCTURE No.	-	
CONSULTANT DRAWING No.	TP1916.32-F05	VER V1
SANRAL DOCUMENT #	-	

DRAWING TP1916.32-F05