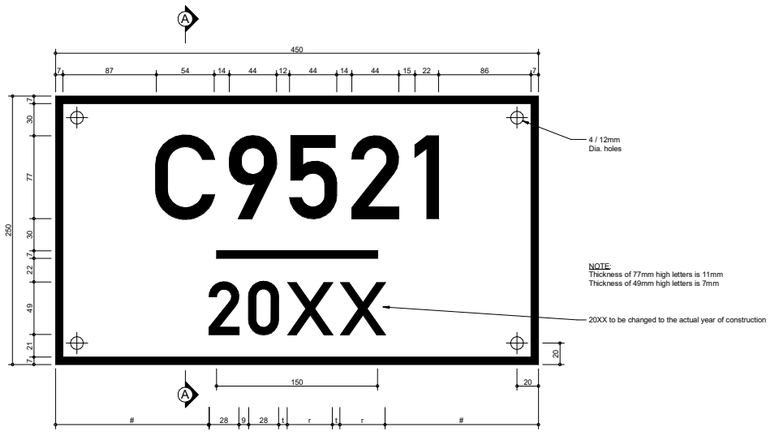
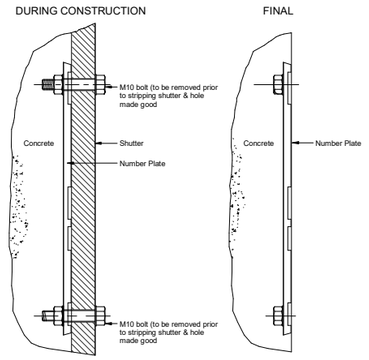
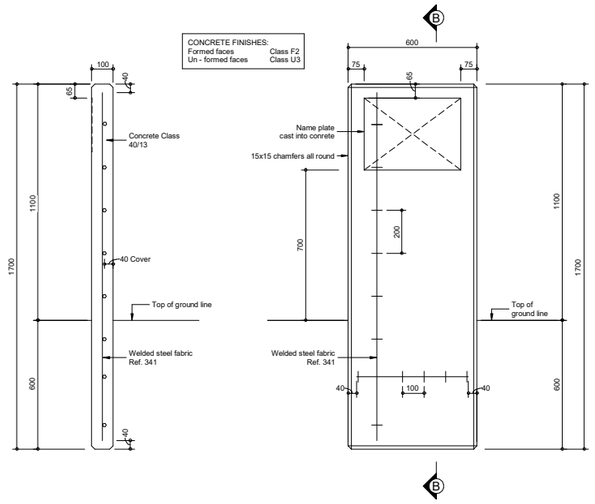
Note:
All dimensions to be checked on site before any work is put in hand.
Refer any discrepancies to the Engineer.




TYPE 1 - NUMBER PLATE
1 : 2




NUMBER PLATE FIXING DETAIL
1 : 2

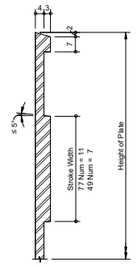



SECTION B-B ELEVATION

PRECAST CONCRETE MOUNTING BLOCK
1 : 5

1 2 3 4 5 A B C
6 7 8 9 0 D I S

LETTERING STYLE TO DIN 1451 PART 2 (TYPE "B")
Not to scale




SECTION A-A
1 : 1

| WIDTH (r) AND SPACING (t) OF NUMERAL | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| NUMERALS | r | t NUMERAL FOLLOWED BY | | | | | | | | |
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 28 | 10 | 10 | 10 | 8 | 8 | 9 | 8 | 9 | 9 | 8 |
| 1 | 14 | 11 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 2 | 28 | 9 | 10 | 9 | 8 | 9 | 9 | 8 | 9 | 8 | 9 |
| 3 | 28 | 9 | 9 | 9 | 8 | 8 | 9 | 8 | 9 | 8 | 8 |
| 4 | 32 | 8 | 9 | 9 | 8 | 7 | 9 | 8 | 7 | 8 | 8 |
| 5 | 28 | 9 | 11 | 9 | 8 | 8 | 10 | 9 | 9 | 9 | 8 |
| 6 | 28 | 9 | 8 | 9 | 7 | 8 | 9 | 9 | 8 | 9 | 8 |
| 7 | 28 | 8 | 10 | 7 | 6 | 4 | 9 | 4 | 8 | 6 | 7 |
| 8 | 30 | 9 | 9 | 9 | 7 | 8 | 9 | 8 | 8 | 8 | 8 |
| 9 | 28 | 8 | 9 | 9 | 7 | 4 | 8 | 6 | 8 | 7 | 8 |

49mm NUMERAL WIDTH AND SPACING TABLE
Not to scale

## NOTES

1. **General**

1.1 Letters and numerals shall be Type 'B' letters to Din 1451 Part 2.
1.2 The date on the structure numbers shall be the year in which the structure was completed.
1.3 The bridge numbers shall have a white background with black letters, numerals and border.
1.4 The 20XX to be changed to the actual year the construction of the structure was completed. Dimensions 'f' and 'r' to be determined and used to create the structure number plate.

2. **Manufacture of Number Plates and Templates**

2.1 The number plates shall be manufactured from non-metallic, UV resistant material.

3. **Construction**

3.1 The Bridge Number Plates shall be positioned as shown.
3.2 The Number Plate shall be securely fastened to the inside face of the shutter by means of M10 anchor bolts. The protruding threads of the bolts shall be coated with an approved debonding agent. Once the concrete has set and prior to stripping the shutter the M10 anchor bolts shall be removed. The bolt holes shall be made good with epoxy filler and the paint work touched up.

| No. | DATE | REVISION | CONSULT. ENG. |
|---|---|---|---|

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**
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**Pretoria**
**0184**

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**Tel: (012) 844 8000**

SANRAL
SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
Reg No: 1998/893/06
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**
**R531 SECTION 2 - EMERGENCY REPAIR OF DAMAGED STEEL ARMCO**
**MAJOR CULVERT C9521 AT KM 6.94**
**STRUCTURE NUMBER**

**SCALE :** **SHEET 10 OF 12**

| PROJECT NUMBER | N.XXXX | |
|---|---|---|
| DRAWING LOCATION DATA | START | END |
| ROUTE | R531 | R531 |
| SECTION | 2 | 2 |
| DRAWING km DISTANCE | 6.94 | 6.94 |
| DRAWING TYPE | STRUCTURES - CULVERTS | |
| BRIDGE/STRUCTURE No. | | |
| CONSULTANT DRAWING No. | G156-07-6000/10 | VER |
| SANRAL DOCUMENT # | | |

SANRAL TITLE BLOCK #184823.4(DWG/PDF) VERSION V11.1