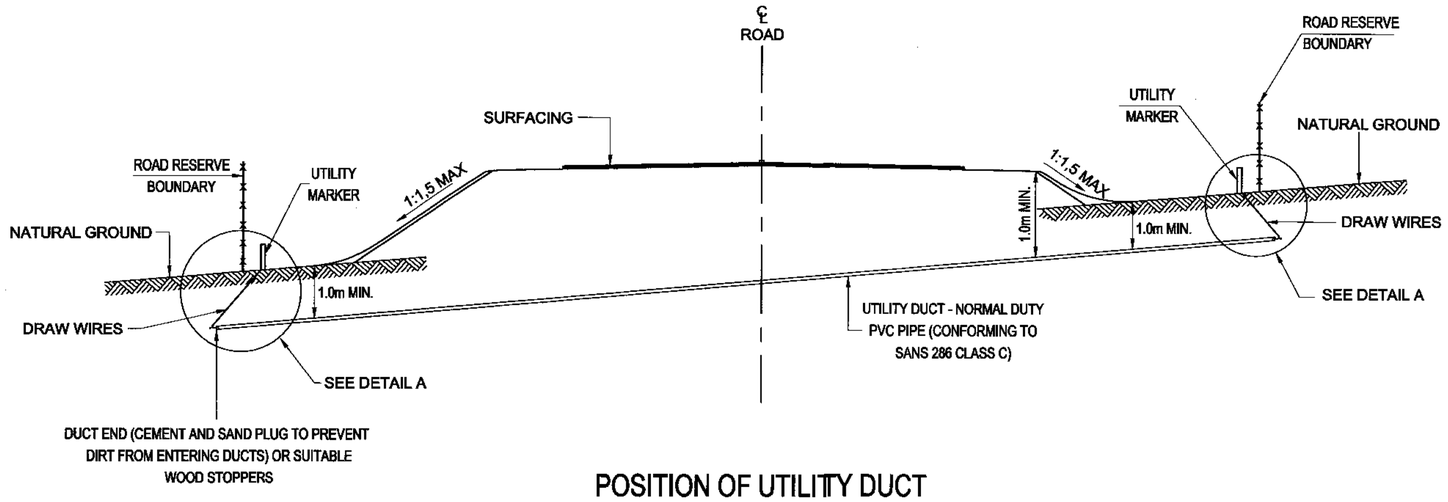
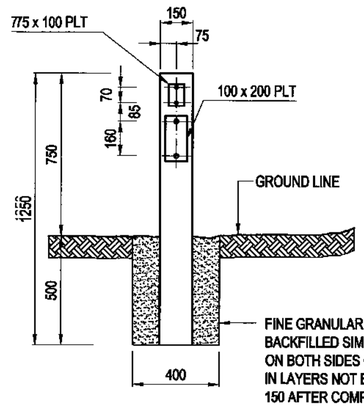


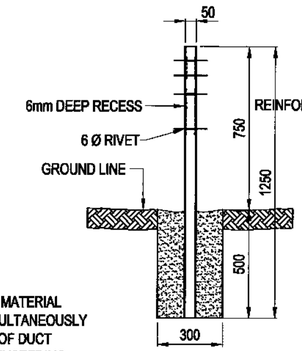
POSITION OF UTILITY DUCT WITH ROAD IN IFILL

SCALE : 1: 50



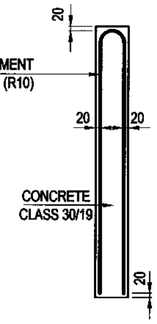
ELEVATION

SCALE : 1: 20



SIDE ELEVATION

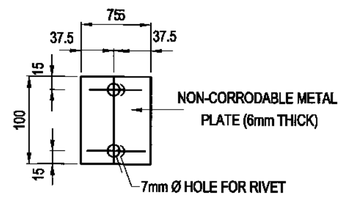
SCALE : 1: 20

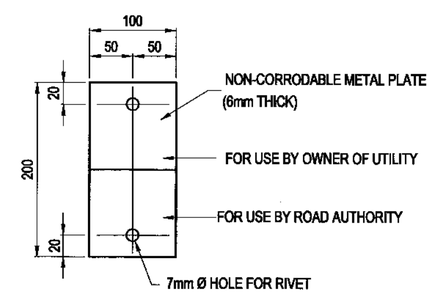


DETAIL REINFORCING

SCALE : 1: 20

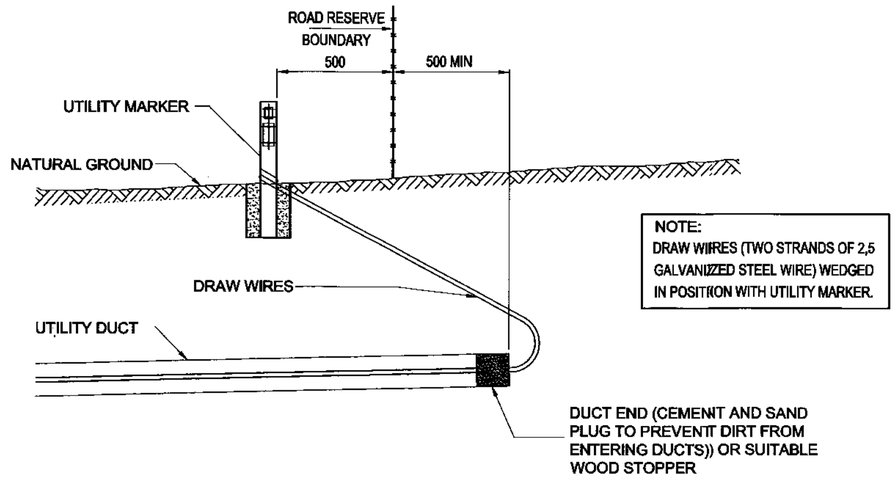
UTILITY MARKER





DETAIL OF UTILITY PLATE

SCALE : 1: 2.5



NOTE:
DRAW WIRES (TWO STRANDS OF 2,5 GALVANIZED STEEL WIRE) WEDGED IN POSITION WITH UTILITY MARKER.

DETAIL A

SCALE : 1: 20

REFERENCE TO SYMBOLS ON UTILITY PLATE

W	-	WATER PIPE
T	-	TELKOM
G	-	GAS
P	-	PETROLEUM PRODUCTS
E	-	ELECTRICITY
R	-	SEWER
S	-	STORMWATER
I	-	IRRIGATION WATER

INFORMATION ON PLATE

1. OWNER OF UTILITY
2. SIZE OF UTILITY e.g. PIPE DIA. etc.
3. DATE OF INSTALLATION/RELOCATION
4. DEPTH BELOW DATUM LEVEL

FOR LATEST VERSION CHECK www.nra.co.za

No.	DATE	VERSION / REVISION	APPROVED
V1	SEPT 2014	ORIGINAL VERSION	

SANRAL TYPICAL DRAWINGS

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APPROVED

DATE: 2015/06/26

TYPICAL DRAWINGS - ROADWORKS

MISCELLANEOUS

TYPICAL DETAIL OF UTILITY DUCTS & SERVICE MARKERS
SHEET 1 OF 2

SANRAL DOC. No. (PDF)	1693816
SANRAL DOC. No. (DWG)	1796856
SANRAL DRAWING No.	TD-R-MS-1100-V1