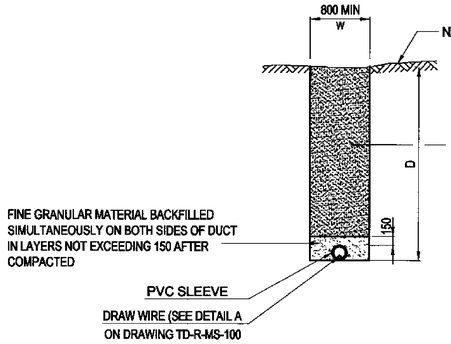
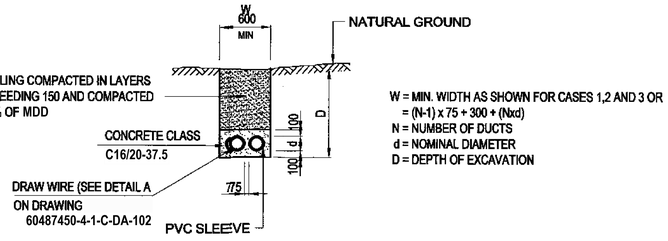


CASE 1 (D > 1.5m)

SCALE : 1: 50

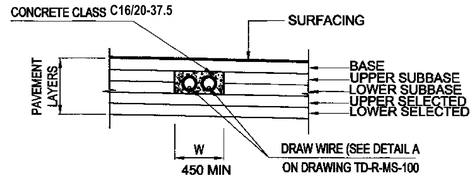


W = MIN. WIDTH AS SHOWN FOR CASES 1,2 AND 3 OR
= (N-1) x 75 + 300 + (Nxd)
N = NUMBER OF DUCTS
d = NOMINAL DIAMETER
D = DEPTH OF EXCAVATION

NOTE: EXCAVATION MATERIAL TO BE USED FOR BACKFILLING IF FOUND TO BE SUITABLE

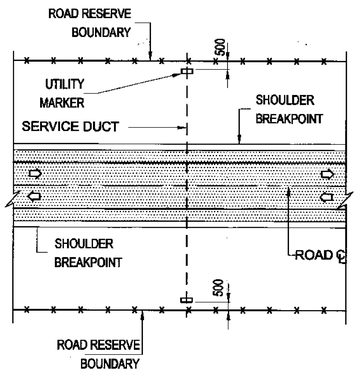
CASE 2 (D < 1.5m)

SCALE : 1: 50



CASE 3 (ONLY FOR EXCEPTIONAL CASES)

SCALE : 1: 50



PLACING OF SERVICE MARKER

N.T.S.

FOR TENDER ONLY

No.	DATE	REVISION	CONSULT. ENG.
T01	29/10/2024	ISSUED FOR RETENDER	
T00	28/02/2022	ISSUE FOR TENDER	

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
46 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. 1998/012094/30
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
FOR TRAINING AND CONSTRUCTION MANAGEMENT SERVICES FOR A COMMUNITY DEVELOPMENT PROJECT TO UPGRADE ACCESS ROADS IN AND NEAR KWAMHLANGA TOWNSHIP – MPUMALANGA PROVINCE

STRUCTURE NAME

MISCELLANEOUS
TYPICAL DETAIL OF UTILITY DUCTS & SERVICES MARKERS

SCALE : AS SHOWN | SHEET 2 OF 2

PROJECT NUMBER	C.002-053-2023/1	
DRAWING LOCATION DATA	START	END
ROUTE	-	-
SECTION	-	-
DRAWING km DISTANCE	-	-
DRAWING TYPE	TYPICAL DRAWING - ROADWORKS	
BRIDGE/STRUCTURE No.		
CONSULTANT DRAWING No.	60487450-4-1-C-DA-103-T-01	VER
SANRAL DOCUMENT #		T01

SANRAL TITLE BLOCK #164823H(DWG/PDF) VERSION V11.1