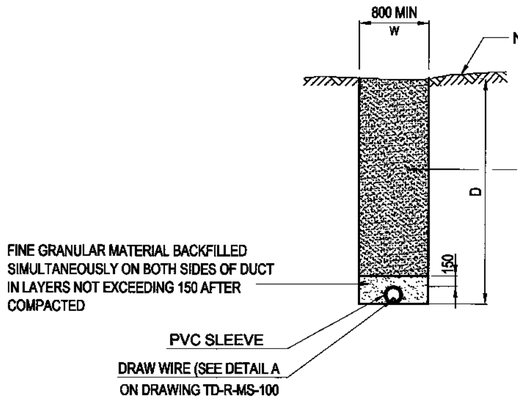
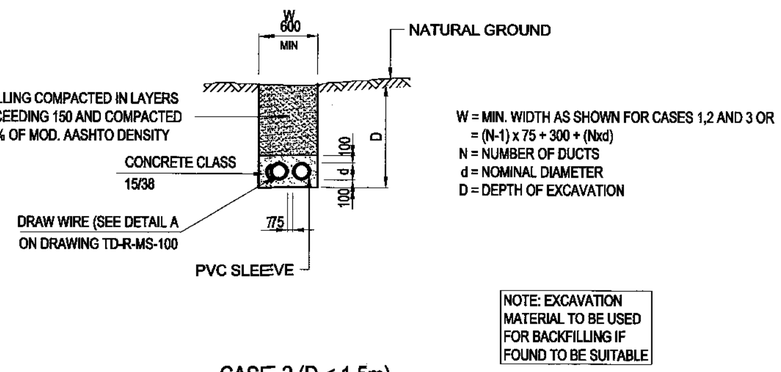


CASE 1 (D > 1.5m)

SCALE : 1: 50

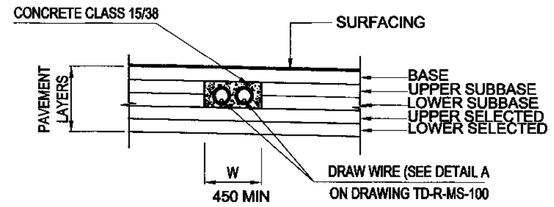


CASE 2 (D < 1.5m)

SCALE : 1: 50

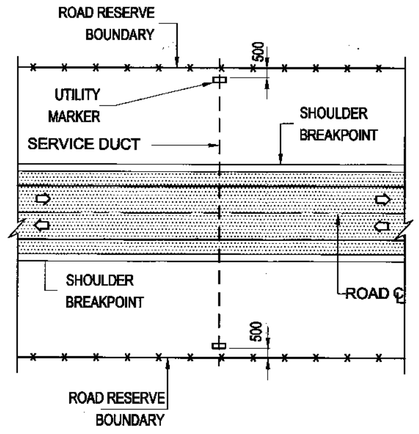
W = MIN. WIDTH AS SHOWN FOR CASES 1,2 AND 3 OR
= (N-1) x 75 + 300 + (Nxd)
N = NUMBER OF DUCTS
d = NOMINAL DIAMETER
D = DEPTH OF EXCAVATION

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



CASE 3 (ONLY FOR EXCEPTIONAL CASES)

SCALE : 1: 50



PLACING OF SERVICE MARKER

N.T.S.

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 2 OF 2

SANRAL DOC. No. (PDF)	1693111
SANRAL DOC. No. (DWG)	1797474
SANRAL DRAWING No.	TD-R-MS-1101-V1