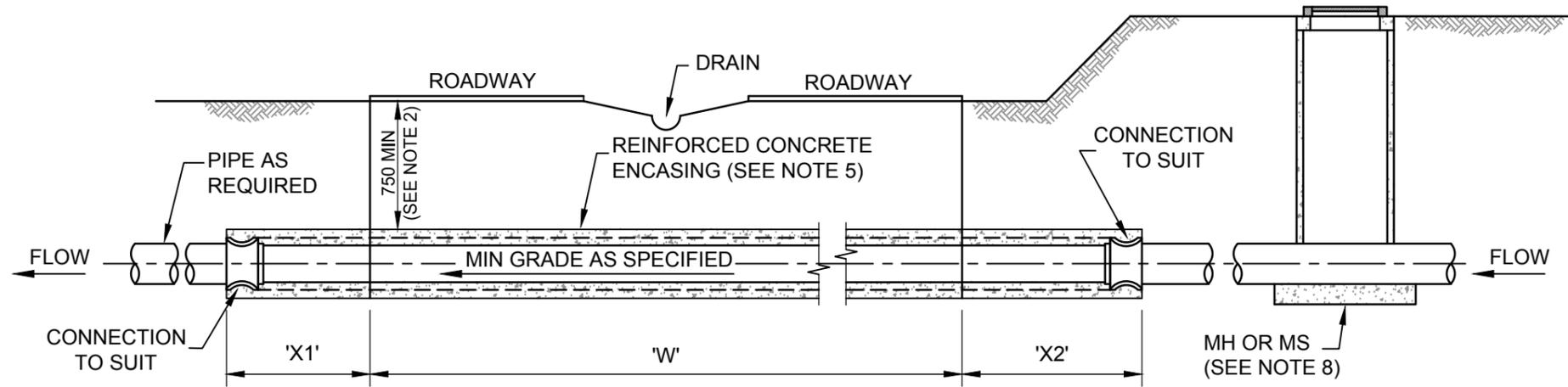
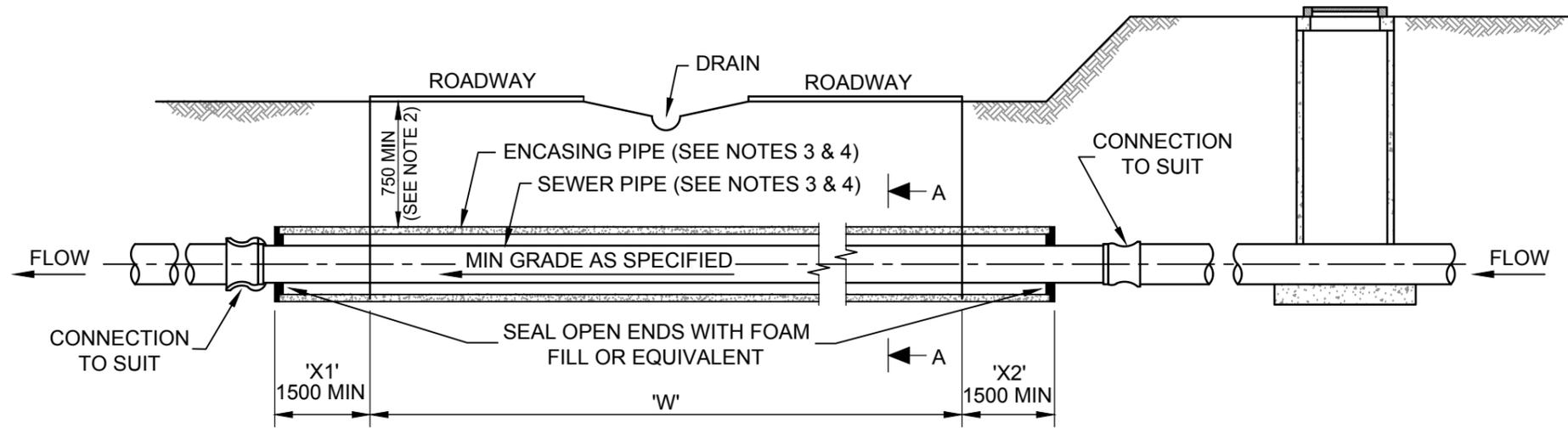


NOTES

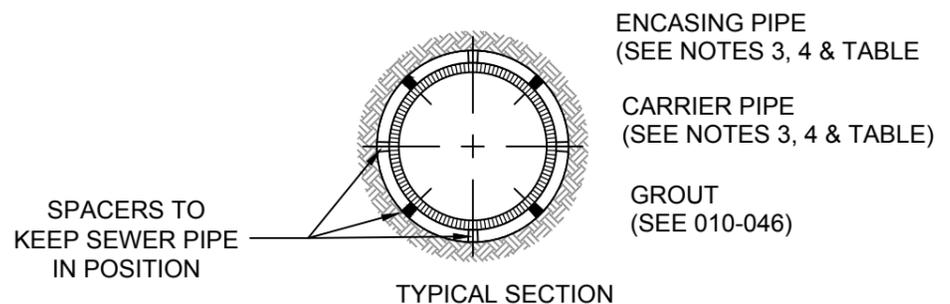
1. ALL DIMENSIONS IN MILLIMETERS.
2. METHODS OF INSTALLATION TO BE SHOWN IN DESIGN DRAWINGS OR AS DIRECTED BY THE WATER AUTHORITY OR THE ROAD AUTHORITY. DIFFICULT CONDITIONS MAY REQUIRE SPECIAL ARRANGEMENTS.
3. HORIZONTAL BORING
 - ENCASING PIPE
 - RC CLASS 4 OR
 - STEEL (BARE) PIPE. WALL THICKNESS TO BE AS SPECIFIED IN THE DESIGN DRAWINGS OR GRP
 - SEWER PIPE
 - DI WITH POLYMERIC LINING 2100 SERIES PN 35
 - PVC CLASS SN 8
 - PE CLASS PN 12.5
 - GRP CLASS SN 5000 MIN
4. JACKING
 - ENCASING PIPE
 - REINFORCING CONCRETE CLASS 4 BUTT JOINT WITH STEEL LOCATING BANDS, STEEL OR GRP JACKING PIPE
 - SEWER PIPE
 - DI WITH POLYMERIC LINING 2100 SERIES PN 35
 - PVC CLASS SN 8
 - PE CLASS PN 12.5
 - GRP CLASS SN 5000 MIN
5. CONCRETE ENCASED
 - PIPE MATERIAL TO BE;
 - STEEL WITH FBPE INTERNAL COATING
 - PE CLASS PN 12.5
 - PVC (SWJ) CLASS SN 8
 - GRP CLASS SN 5000 MIN
 - NO SERVICE CONNECTIONS TO BE MADE TO ENCASED SECTION OF PIPELINE
 - ENCASING AS PER ENGINEERING CODE
 - NO EXTERNAL COATING REQUIRED ON CONCRETE ENCASED WELDED STEEL PIPELINE
6. DIMENSION 'X1' & 'X2' AND LOCATION OF BULKHEADS & REINFORCING TO BE SHOWN ON DESIGN DRAWINGS.
7. FILL VOID BETWEEN BORED HOLE AND CASING PIPE WITH GROUT AS SHOWN ON 010-046.
8. LOCATE MH OR MS AT LEAST 6000 FROM TOP OF BANK .
9. CONSTRUCTION TO BE ACCORDANCE WITH DESIGN DRAWINGS.



CONCRETE ENCASED METHOD
FOR INSTALLATIONS PRIOR TO ROAD CONSTRUCTION
(SEE NOTE 6)



BORED OR JACKED ENCASING PIPE METHOD



ENCASING & SEWER PIPE ARRANGEMENT

BORED AND JACKED ENCASING / SEWER PIPE SIZES										
SEWER PIPE (DN)	100	150	225	300	375	400	500	550	650	800
BORE ENCASING PIPE MIN (DN)	300	375	425	500	575	600	700	750	850	1000
JACKED ENCASING PIPE (DN)	N/A					1200 MIN				

	SCALES NTS	APPROVED D. MAUNDER 31/08/2016 MANAGER ENGINEERING AND STANDARDS SUPPORT	SHEET 1 OF 1
		SURV DRWN TY DES CHKD MW	AS SHEET SIZE A3
BURIED SEWER CROSSING ROADWAYS		CADFILE 010-041.dwg	DATE 31/08/2016