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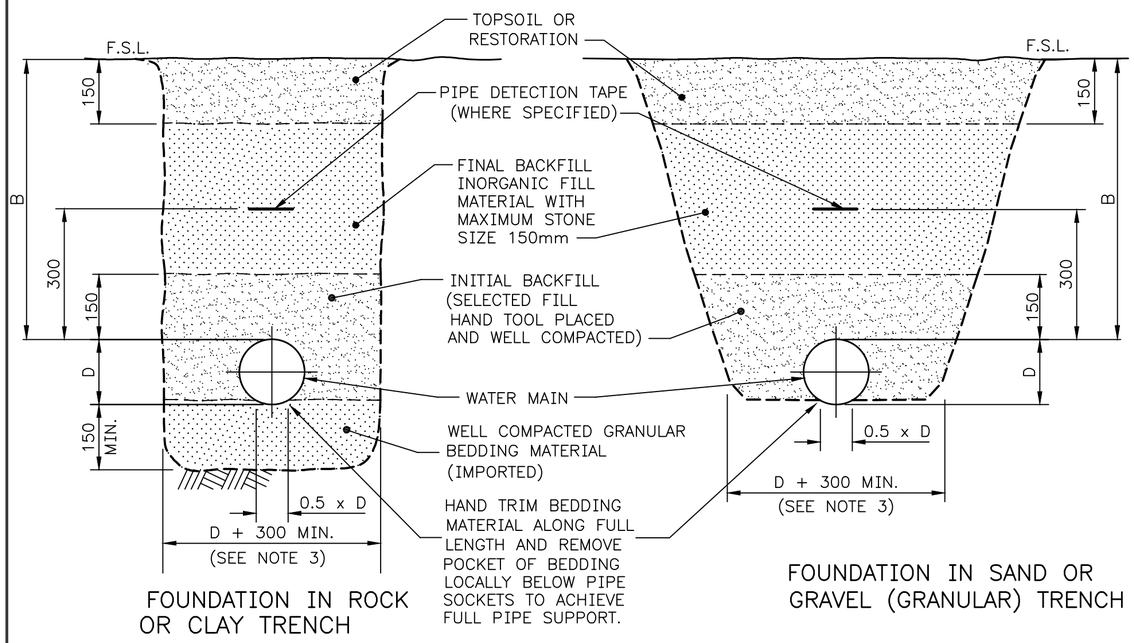
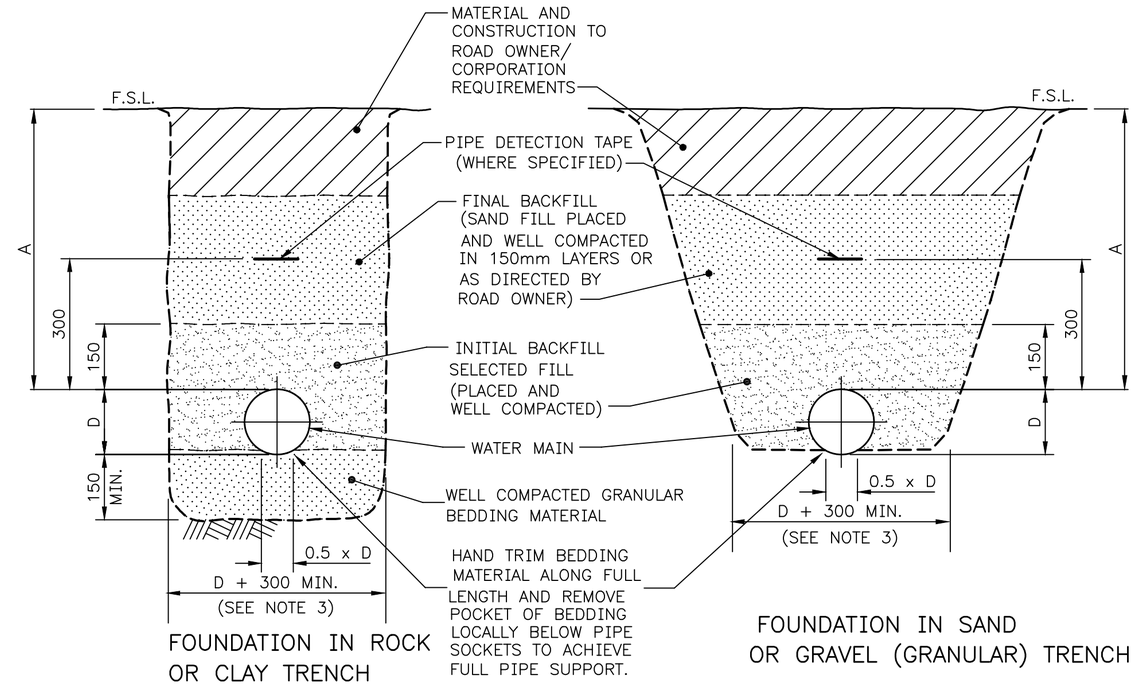


FOUNDATION IN ROCK OR CLAY TRENCH

FOUNDATION IN SAND OR GRAVEL (GRANULAR) TRENCH

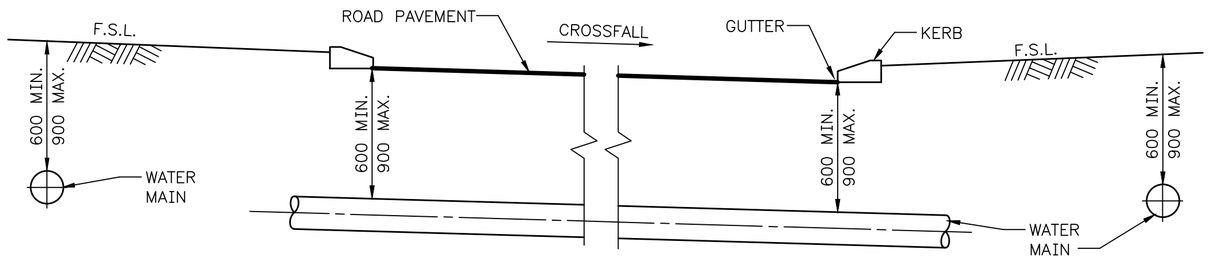
TRENCHES IN VERGES



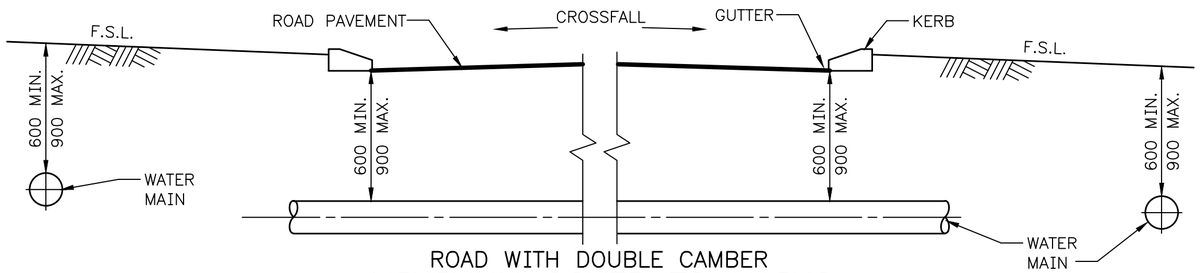
FOUNDATION IN ROCK OR CLAY TRENCH

FOUNDATION IN SAND OR GRAVEL (GRANULAR) TRENCH

TRENCHES UNDER ROADS, DRIVEWAYS, CARPARKS AND SIMILAR



ROAD WITH FULL WIDTH CAMBER



ROAD WITH DOUBLE CAMBER

MINIMUM COVER TO MAINS

(NOTE 4)

COMPACTION SPECIFICATION – TO BE SPECIFIED BY THE DESIGNER, BUT NOT LESS THAN THE VALUES BELOW		
COMPACTION EXPRESSED AS A MINIMUM No. OF BLOWS PER 300mm OF PENETRATION WHEN TESTED IN ACCORDANCE WITH AS1289.6.3.3		
MATERIAL	IN VERGE	UNDER PAVED AREAS
BEDDING MATERIAL (IMPORTED)	6	6
BEDDING MATERIAL (NATURAL)	6	6
INITIAL BACKFILL	6	8
FINAL BACKFILL	6	8

* UNLESS OTHERWISE DIRECTED BY ROAD OWNER OR LOCAL AUTHORITY AS APPROPRIATE

NOTE:

1. FOR VERGES WITH CROSS GRADES EXCEEDING 4% PIPE LEVEL PROPOSALS SHALL BE SUBMITTED TO THE CORPORATION FOR CONSIDERATION AND ACCEPTANCE PRIOR TO ISSUE OF DESIGN DRAWING.
2. PIPES SHALL BE UNIFORMLY GRADED.
3. TRENCH WIDTHS SHALL NOT EXCEED THE MINIMUM PRACTICABLE TO CARRY OUT COMPACTION AND PIPE LAYING ADEQUATELY AND SAFELY.
4. (H) COVER REQUIREMENTS APPLICABLE FOR OPEN CUT INSTALLATION ONLY. REFER TO DS63 FOR HDD INSTALLATION COVER REQUIREMENTS.

ISSUE	DATE	GRID	REVISION	DRN	REC	APPD
H	01/2024		NOTE 4 AMENDED	ME	JA	
G	12/2021		NOTE 4 AMENDED & PIPE DETECTION TAPE ADDED TO TRENCH DETAILS	FR	AA	JD
F	04/2019		COVER REQUIREMENTS UPDATED	MD	AA	JD
E	07/2007		COMPACTION DETAILS TABLE AMENDED	AC	GC	PF

F.S.L. = FINISHED SURFACE LEVEL

SCALE: DIAGRAMATIC

DESIGN SURVEY NONE	VERTICAL DATUM AHD	DES CALC	NORTH POINT	RECOMMENDED 30/06/1994 P.M. WINFIELD (SIGNED) FOR SUPERVISING ENGINEER
	COORDINATE SYS UNKNOWN	DES CHD		
ASCON SURVEY NONE	DES REF W 7087	DRN F. RACCUIA Q.C. CHD P. WINFIELD		APPROVED 30/06/1994 D.S. BROOKS (SIGNED FOR MANAGER W.S.P. & DESIGN

WATER CORPORATION

WATER RETICULATION
STANDARD DRAWINGS
WATER MAIN INSTALLATION
TYPICAL COVER, BEDDING AND BACKFILL DETAILS

FILE	PLAN	CAD	ISSUE	ORIGINAL SHEET SIZE
PROJECT	BD62-1-1		H	A2
				MF

400
566

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CAD MANAGEMENT_NOT READ ONLY\WDCS\STANDARD DRAWINGS\DS63\DS63 UPDATES 2024\BD62-001-001-01H 09:26 22/01/2024 EDWARDM3/NB41253