

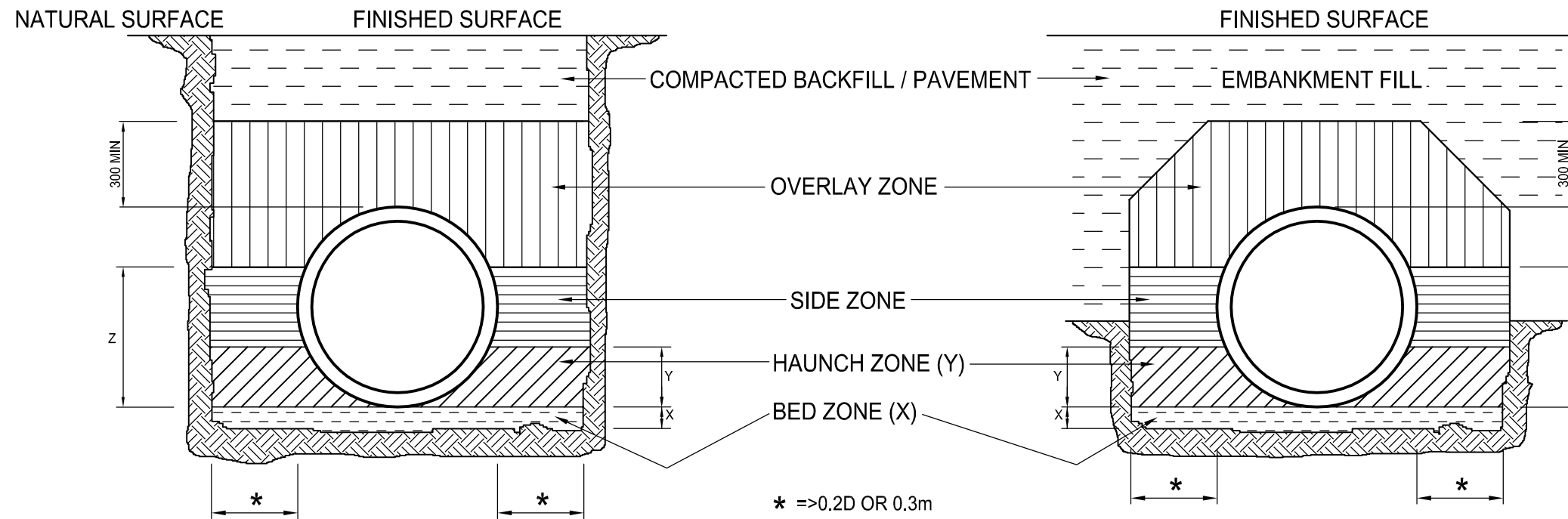
NOTES

1. REFER TO AS3725 SUPPLEMENT 1: 2007, SECTION C9 FOR PIPE SUPPORT AND BEDDING FACTORS
2. ALL MATERIALS IN THE NOMINATED ZONES TO BE COMPACTED OVER THE FULL WIDTH OF THE TRENCH
3. IN AREAS OF POOR GROUND CONDITIONS OR HIGH WATER TABLES ALTERNATIVE BEDDING REQUIREMENTS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER
4. FOR TRENCH WIDTH, BED AND HAUNCH ZONE DEPTHS REFER TO AS 3725. PIPES ARE TO BE DESIGNED TO AND INSTALLED TO THE REQUIREMENTS OF AS3725 WITH RESPECT TO THEIR STRENGTH CLASS FOR ALL CONSTRUCTION LOADS, DEAD LOADS AND IN-SERVICE LOADS
5. FOR SPACING OF MULTIPLE CELL PIPES REFER NEW SOUTH WALES ROADS & TRANSPORT AUTHORITY STANDARD DRAWINGS
6. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

AS SIEVE (mm)	PERCENTAGE PASSING BY WEIGHT	
	BED & HAUNCH ZONES	SIDE ZONES
75.0	-	100
19.0	100	-
9.5	-	50-100
2.36	50-100	30-100
0.60	20-90	15-50
0.30	10-60	-
0.15	0-25	-
0.075	0-10	0-25

1. BEDDING MATERIAL FOR THE BED AND HAUNCH ZONES SHALL CONSIST OF A GRANULAR MATERIAL HAVING A GRADING, DETERMINED BY AS114.1.11, COMPLYING WITH TABLE C221.2 AND A PLASTICITY INDEX, DETERMINED BY AS1289.3.3.1 OF LESS THAN 6. SELECT FILL MATERIAL IN THE SIDE ZONES, FOR PIPE SUPPORT TYPE HS, SHALL ALSO COMPLY WITH TABLE C221.2.
2. THE CONTRACTOR SHALL ADVISE THE SUPERINTENDENT OF THE SOURCE OF BEDDING MATERIAL PRIOR TO IMPORTING THE MATERIAL. QUALITY DOCUMENTATION IS TO BE PROVIDED.

BEDDING MATERIAL GRADING LIMITS



BEDDING DETAILS - TRENCH

BEDDING DETAILS - EMBANKMENT

D=EXTERNAL DIAMETER OF PIPE

		PIPE SUPPORT TYPE						
		U	H1	H2	H3	HS1	HS2	HS3
DIMENSION (Minimum)	X	75 ON ROCK NIL ON SOIL	100 FOR D<=1500 150 FOR D>1500		0.25D BUT>100	100 FOR D<=1500 150 FOR D>1500		
	Y		0.1D	0.3D	0.3D	0.1D	0.3D	0.3D
	Z					=>0.7D		

			STANDARD DRAWINGS		PIPE INSTALLATION CONDITIONS		STORMWATER STANDARD DRAWING		
			NORTHERN RIVERS LOCAL GOVERNMENT					SW-06	
A	ORIGINAL ISSUE		7/7/10						
	REVISIONS	APP'D	DATE						