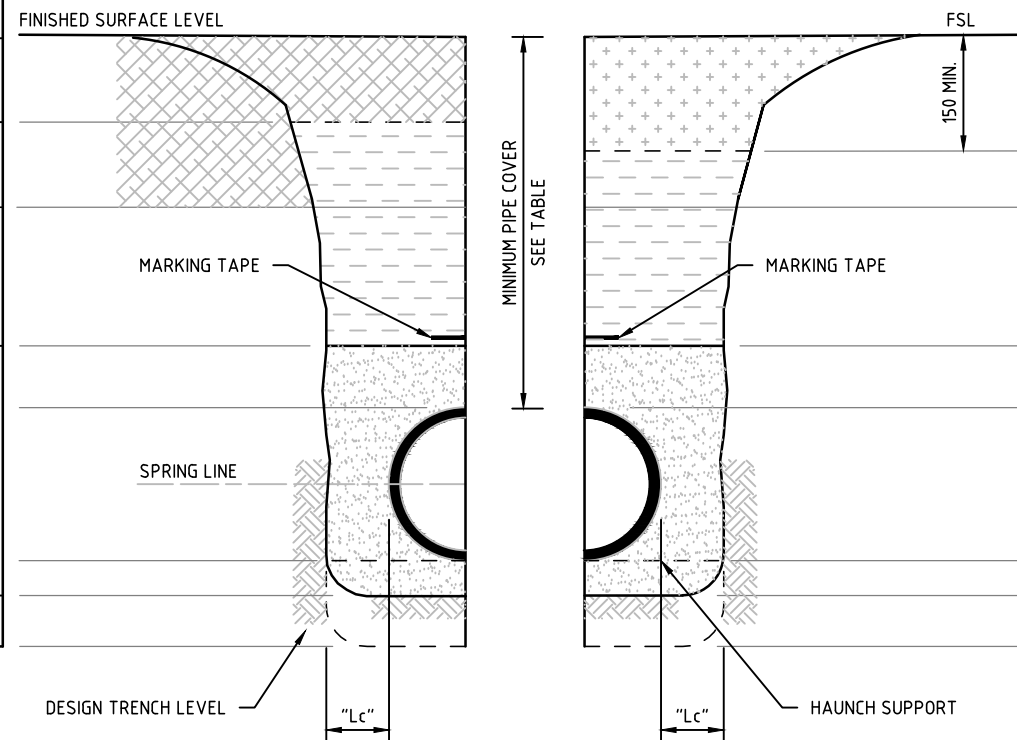


MATERIAL		ZONE
ROAD SURFACE	VERGE & TRACK	
ROAD SURFACE LAYER	TO MATCH EXISTING	SURFACE COURSE
TO MATCH EXISTING ROAD BASE	TO COMPLY WITH WSA 07	ROAD BASE
TO COMPLY WITH WSA 07		
EMBEDMENT MATERIAL OR COMPACTION SAND IN ACCORDANCE WITH WSA PS-350 AND PS-351		OVERLAY
		SIDE SUPPORT
		BEDDING
		OVER - EXCAVATION

VEHICULAR LOADING



ZONE	MATERIAL
TOP SOIL OR FOOTWAY SURFACE	ORIGINAL MATERIAL OR IMPORTED MATERIAL OF EQUAL QUALITY
TRENCH FILL	TO COMPLY WITH WSA 07
OVERLAY	IN ACCORDANCE WITH WSA PS-350 AND PS-351
SIDE SUPPORT	
BEDDING	
OVER - EXCAVATION	

NON-VEHICULAR LOADING

(INCLUDES LOCATIONS WHERE OCCASIONAL VEHICLES LOADING OCCUR eg. FOOTWAYS)

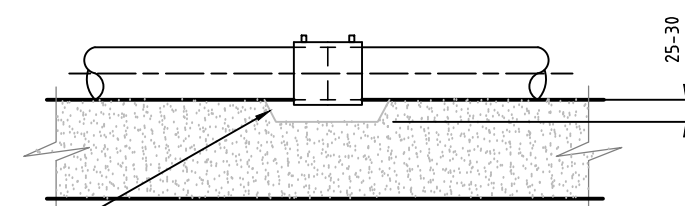
PIPE COVER		
LOCATION	MINIMUM COVER	MAXIMUM COVER
PRIVATE PROPERTY NON-VEHICULAR LOADING EXISTING DEVELOPMENTS	450 SEE NOTE 4	1500
PRIVATE PROPERTY NON-VEHICULAR LOADING NEW DEVELOPMENTS	600	
PRIVATE PROPERTY VEHICULAR LOADING	750	
PUBLIC PROPERTY, FOOTWAYS, SEALED ROADS	SEE NOTE 4	
MAJOR ROADWAYS/ EMBANKMENT AND SEALED ROADS	900	
FREEWAYS, STATE AND NATIONAL HIGHWAYS	1200-1500	

SPRING LINE TRENCH CLEARANCE	
NOMINAL SIZE (DN)	MINIMUM CLEARANCE "Lc" TO AS/NZS 2566.1
≤ 75	60
> 75, ≤ 110	70
> 110, ≤ 140	100
> 140, ≤ 315	150
≥ 315	200

TRENCH WIDTH TO BE SUFFICIENT TO SAFELY LAY PIPE AND COMPACT SIDE SUPPORT ZONE.

NOTES:

- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
- BEDDING DESIGNER TO SPECIFY SPECIAL BEDDING TO SUIT CONDITIONS IF TRENCH FLOOR HAS:
 - IRREGULAR OUTCROPS OF ROCK.
 - ALLOWABLE BEARING PRESSURE OF 50kPa, (REFER SEW-1200) OR
 - BEEN DISTURBED BY UNCONTROLLED GROUND WATER.
- KEEP SIDES OF EXCAVATION VERTICAL TO AT LEAST 150 ABOVE PIPE.
- FOR PRIVATE PROPERTY MINIMUM COVER MAY BE REDUCED TO 300 WITH MECHANICAL PROTECTION IN ROCK.
- ALTERNATE TRENCHING TECHNIQUES E.G. NARROW TRENCHING USING "DITCHWITCH" TYPE EXCAVATORS SHALL BE SUBMITTED TO WATER AGENCY FOR CONSIDERATION AND ACCEPTANCE. PROPOSALS SHOULD ADDRESS THE METHOD OF COMPACTION OF THE EMBEDMENT SUPPORT ZONE.



POCKETS PROVIDED IN BEDDING, AT JOINTS PRIOR TO LAYING PIPES. VOID FILLED DURING PLACEMENT OF EMBEDEMMENT.

PIPE JOINT BEDDING POCKETS
FOR JOINT PROTECTIONS

WITH ACKNOWLEDGEMENT TO

PRESSURE SEWERAGE CODE OF AUSTRALIA

EMBEDMENT AND TRENCH FILL
TYPICAL ARRANGEMENT

NOT TO SCALE

PSS-1000-V

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