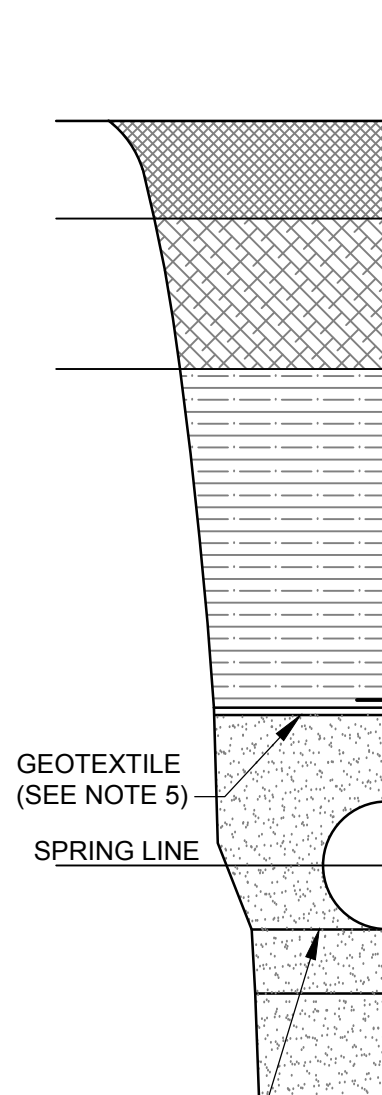


MATERIAL		ZONE	
ROAD SURFACE	VERGE & TRACK		
ROAD SURFACE LAYER	TO MATCH EXISTING	SURFACE COURSE	
TO MATCH EXISTING ROAD BASE OR TO ROAD OWNER REQUIREMENTS	TRENCH FILL TO ROAD OWNER REQUIREMENTS OR INORGANIC FILL MATERIAL WITH 75 MAXIMUM STONE SIZE	ROAD BASE	
TRENCH FILL TO ROAD OWNER REQUIREMENTS OR INORGANIC FILL MATERIAL WITH 75 MAXIMUM STONE SIZE		TRENCH FILL (AS SPECIFIED IN DESIGN DRAWINGS)	
EMBEDMENT MATERIAL IN ACCORDANCE WITH DESIGN DRAWINGS AND COUNCIL REQUIREMENTS (SEE NOTE 4)		OVERLAY (300mm in Rock)	EMBEDMENT
		SIDE SUPPORT	
		BEDDING	
		OVER - EXCAVATION	

## VEHICULAR LOADING

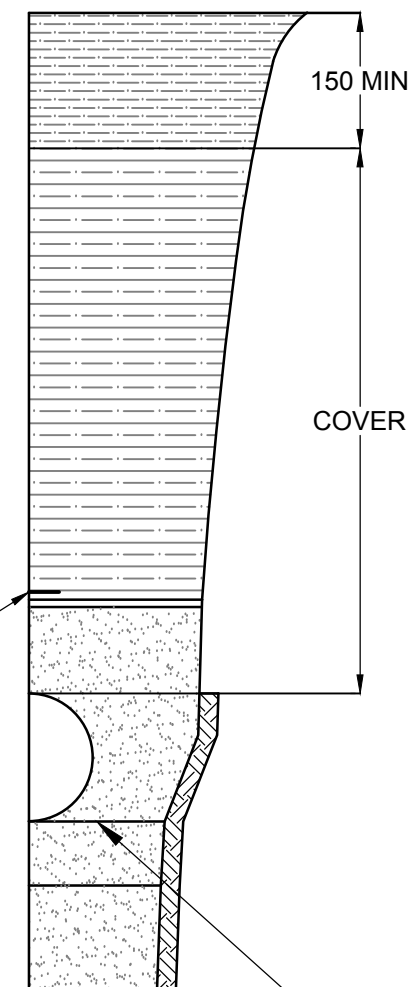


DESIGN INVERT LEVEL

## MINIMUM PIPE COVER

LOCATION	MINIMUM COVER #
PRIVATE PROPERTY NON VEHICULAR NEW DEVELOPEMENT	600
PRIVATE PROPERTY NON VEHICULAR EXISTING DEVELOPEMENT	450
PRIVATE PROPERTY VEHICULAR	750
FOOTPATH, SEALED ROADS (NON ARTERIAL)	900
UNSEALED ROADS	1200
ARTERIAL ROADS	1200

WHERE MINIMUM COVER CAN NOT BE ACHIEVED. PROVIDE ALTERNATIVE PROTECTION OF THE PIPELINE



## SPRING LINE TRENCH CLEARANCE

NOMINAL DIAMETER DN	MINIMUM CLEARANCE "Lc"
≤ 150	≤ 100
>150 - ≤ 300	150
>300 - ≤ 450	200
>450 - ≤ 900	300
>900 - ≤ 1500	350

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

ZONE		MATERIAL
TOPSOIL OR PAVEMENT		ORIGINAL OR IMPORTED MATERIAL TO MATCH EXISTING
TRENCH FILL		INORGANIC FILL MATERIAL WITH 75 MAXIMUM STONE SIZE
EMBEDMENT	OVERLAY (300mm Rock) SIDE SUPPORT BEDDING OVER - EXCAVATION	EMBEDMENT MATERIAL IN ACCORDANCE WITH DESIGN DRAWINGS AND COUNCIL REQUIREMENTS (SEE NOTE 4)

## NO VEHICULAR LOADING

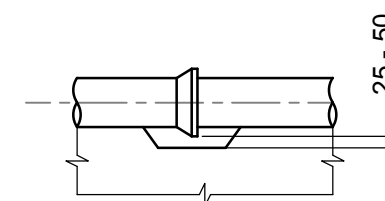
INCLUDES LOCATIONS WHERE OCCASSIONAL VEHICLE LOADING OCCURS eg RESERVE AND FOOTWAYS

## LEGEND

# SPECIFIED BY DESIGNER IN DESIGN DRAWINGS

## NOTES:

- ALL DIMENSIONS IN MILLIMETRES.
- SPECIFY SPECIAL BEDDING TO SUIT THE CONDITIONS IF THE TRENCH FLOOR HAS:
  - IRREGULAR OUTCROPS OF ROCK.
  - AHBP OF <50 kpa, OR
  - BEEN DISTURBED BY UNCONTROLLED GROUND WATER
- COMPACT AND EVENLY GRADE FINISHED TRENCH FLOOR.
- EMBEDMENT, TRENCH FILL AND COMPACTION TO MEET THE REQUIREMENT OF DESIGN DRAWINGS AND WSA\_02.
- USE GEOTEXTILE FILTER FABRIC WHERE SPECIFIED.
- SIDES OF EXCAVATION TO BE KEPT VERTICAL TO AT LEAST 150 ABOVE PIPE.
- MARKER TAPE NOT REQUIRED FOR GRAVITY MAINS.



PIPE JOINT BEDDING POCKET FOR JOINT PROJECTIONS (SOCKETS, FLANGES etc)

PROVIDE POCKETS IN BEDDING AT JOINTS PRIOR TO LAYING PIPES. FILL VOID DURING COMPLETION OF EMBEDMENT

<b>Armidale</b> Dept of Public Regional Council <b>Infrastructure</b>	SCALES	APPROVED	D. MAUNDER	31/08/2016	SHEET 1 OF 1
	NTS	MANAGER ENGINEERING AND STANDARDS SUPPORT	DATE		
<b>SEWER MAIN EMBEDMENT &amp; TRENCH FILL TYPICAL ARRANGEMENT</b>		SURV	AS SHEET SIZE	DRAWING No	AMDT No
		DRWN	A3	010-037	
		DES			
		CHKD	CADFILE 010-037.dwg	DATE 31/08/2016	