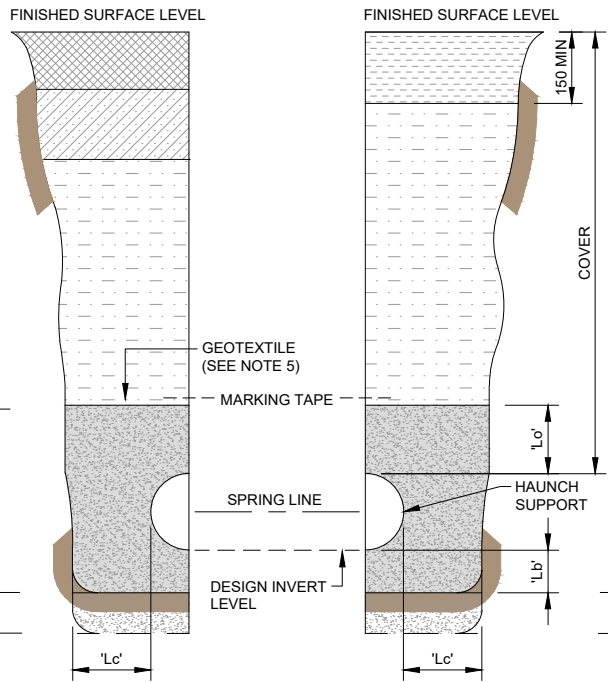


150mm  
100  
50  
10mm  
0

MATERIAL		ZONE
ROAD SURFACE	NON ROAD SURFACES	
ROAD SURFACE LAYER TO COMPLY WITH C.O.P FOR UTILITIES ACCESS TO TRANSPORT CORRIDORS (NOV 11)	TO MATCH EXISTING	SURFACE COURSE
TO MATCH EXISTING ROAD SUB BASE OR MIN OF 200, WHICH EVER IS GREATER	TRENCH FILL MATERIALS TO BE SIMILAR WITH C.O.P FOR UTILITIES ACCESS TO TRANSPORT CORRIDORS (NOV 11) AND TO COUNCIL AMENDMENTS.	ROAD SUB BASE
TRENCH FILL MATERIALS TO COMPLY WITH C.O.P FOR UTILITIES ACCESS TO TRANSPORT CORRIDORS (NOV 11) AND TO COUNCIL AMENDMENTS.	OR	TRENCH FILL (AS SPECIFIED IN DESIGN DRAWINGS)
OR	INORGANIC <b>SELECTED</b> FILL MATERIAL WITH <b>65</b> MAXIMUM STONE SIZE	
1. EMBEDMENT MATERIAL IN ACCORDANCE WITH DESIGN DRAWINGS AND <b>COUNCIL AMENDMENTS.</b> (SEE NOTE 4)		OVERLAY
2. <b>13mm UNIFORM GRADED METAL OR CLEAN SAND</b>		SIDE SUPPORT
3. BEDDING MAY BE OMITTED IF TRENCH BASE IS GRANULAR SAND OR GRAVEL OF SUITABLE GRADING		BEDDING
		OVER-EXCAVATION



ZONE	MATERIAL
TOPSOIL OR PAVEMENT	ORIGINAL OR IMPORTED MATERIAL TO MATCH EXISTING
TRENCH FILL (AS SPECIFIED IN DESIGN DRAWINGS)	INORGANIC FILL MATERIAL WITH <b>65</b> MAXIMUM STONE SIZE
OVERLAY	1. EMBEDMENT MATERIAL IN ACCORDANCE WITH DESIGN DRAWINGS AND <b>COUNCIL AMENDMENTS.</b> (SEE NOTE 4)
SIDE SUPPORT	2. <b>13mm UNIFORM GRADED METAL OR CLEAN SAND</b>
BEDDING	3. BEDDING MAY BE OMITTED IF TRENCH BASE IS GRANULAR SAND OR GRAVEL OF SUITABLE GRADING
OVER-EXCAVATION	

**VEHICULAR LOADING**

- 'Lo' - 100 mm MIN. NON TRAFFICABLE
- 'Lb' - 300 mm MIN. TRAFFICABLE
- REFER TO CM - 002

**NO VEHICULAR LOADING**

INCLUDES LOCATIONS WHERE OCCASIONAL VEHICLE LOADING OCCURS SUCH AS RESERVES AND FOOTWAYS

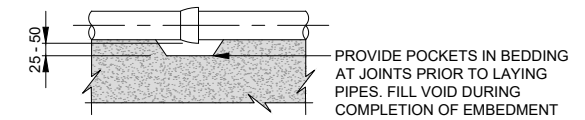
**NOTE:**

1. ALL DIMENSIONS IN MILLIMETRES.
2. SPECIFY SPECIAL BEDDING TO SUIT THE CONDITIONS IF THE TRENCH FLOOR HAS:
  - IRREGULAR OUTCROPS OF ROCK OR
  - BEEN DISTURBED BY UNCONTROLLED GROUND WATER.
3. COMPACT AND EVENLY GRADE FINISHED TRENCH FLOOR
4. EMBEDMENT, TRENCH FILL AND COMPACTION TO MEET THE REQUIREMENT OF DESIGN DRAWINGS OR SPECIFICATIONS.
5. USE GEOTEXTILE FILTER FABRIC WHERE SPECIFIED.
6. SIDES OF EXCAVATION TO BE KEPT VERTICAL TO AT LEAST 150 ABOVE THE PIPE.

**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



**PIPE JOINT BEDDING POCKETS**  
FOR JOINT PROJECTIONS (SOCKETS, FLANGES, AND SO ON)



**STANDARD DETAILS**  
EMBEDMENT AND TRENCHFILL  
TYPICAL ARRANGEMENT

Drawn	Designed	
J. GOODMAN	J. SAXTON	
Approved	Revision Date	
M. COLE	OCTOBER 2020	
Scale	Drawing No.	Revision
NOT TO SCALE	KCDC-CM-001	R2

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