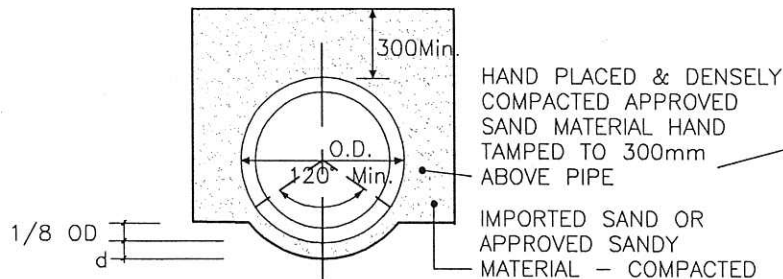


CONCRETE CRADLE

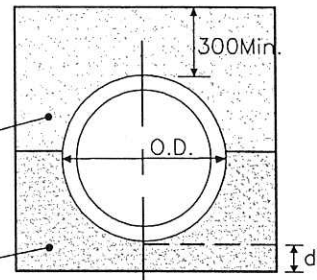
CLASS A

- d = DEPTH OF BEDDING BELOW PIPE
- I.D. = 675 OR SMALLER -
d MIN = 75
- I.D. = 750 TO 1500 -
d MIN = 100
- I.D. = 1650 & LARGER -
d MIN = 150

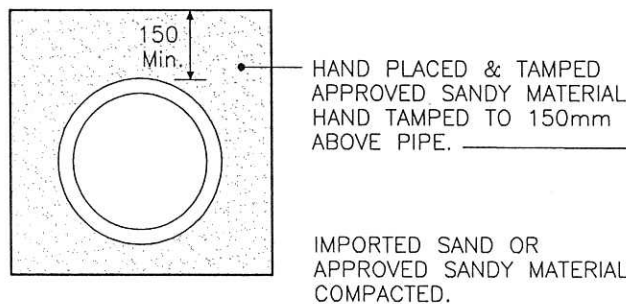


SHAPED SUBGRADE WITH GRANULAR FOUNDATION

CLASS B

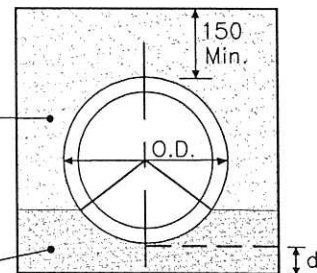


GRANULAR FOUNDATION



SHAPED SUBGRADE

CLASS C



GRANULAR FOUNDATION

Note: O.D. = OUTSIDE PIPE DIAMETER
d = DEPTH OF BEDDING BELOW PIPE

NOTE: FOR ROCK OR OTHER INCOMPRESSIBLE MATERIALS, THE TRENCH SHOULD BE OVEREXCAVATED A MINIMUM OF 150mm AND REFILLED WITH GRANULAR MATERIAL.

THE CITY OF
SPRUCE GROVE

PLANNING AND INFRASTRUCTURE

REVISIONS

DATE	DETAILS	DRAWN

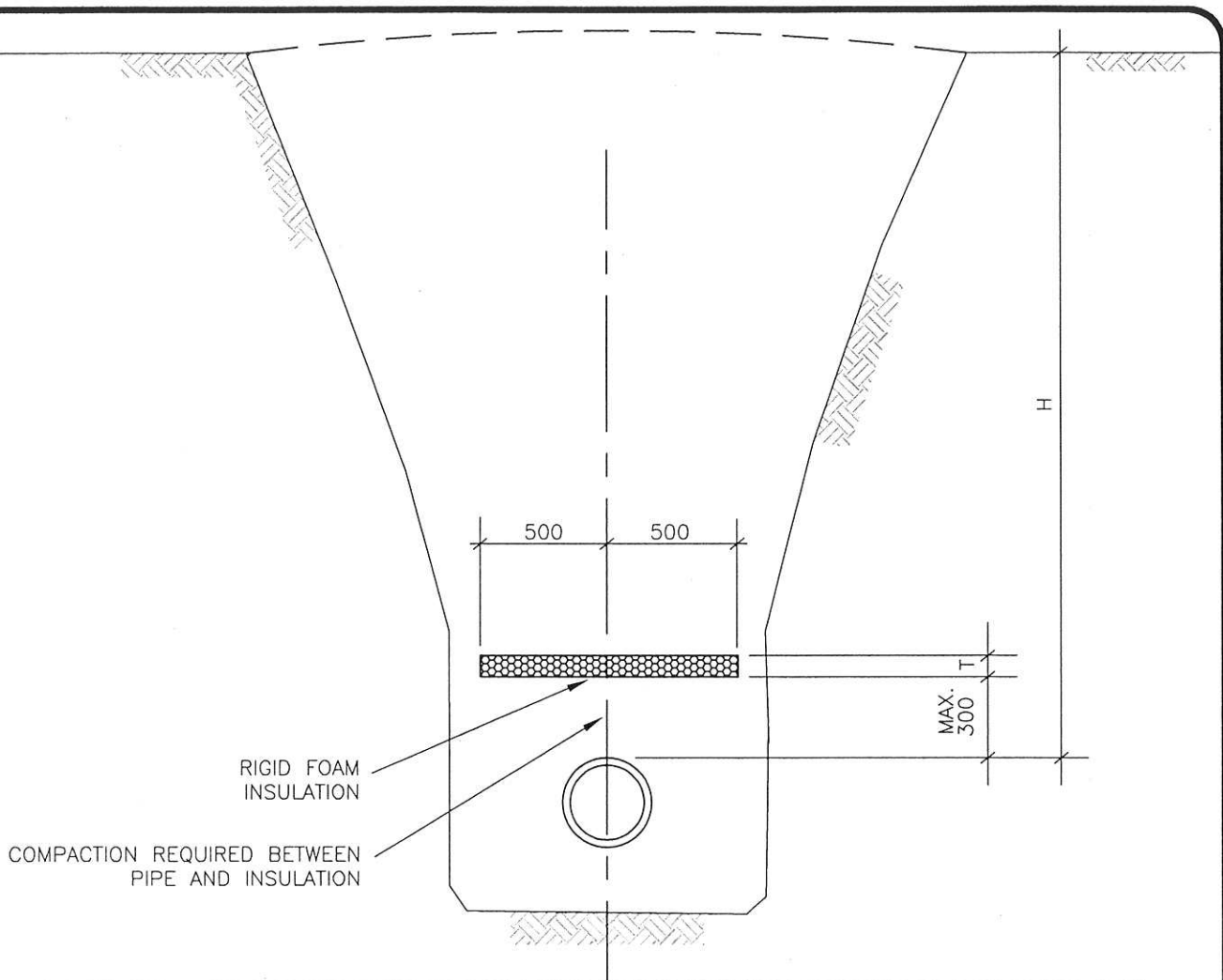
PIPE BEDDING TYPES



DRAWN: T. CRAWFORD	DATE: MARCH 6, 2006
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'H' DEPTH FROM FINISHED GRADE TO TOP OF MAIN IN METRES	TABLES FOR VALUES OF 'T' (INSULATION THICKNESS) IN MILLIMETRES							
	MAINS IN LANES OR EASEMENTS		MAINS IN STREETS		DEAD END MAINS IN STREETS		DEAD END MAINS IN LANES	
	GRAVEL	CLAY	GRAVEL	CLAY	GRAVEL	CLAY	GRAVEL	CLAY
0-1	*	*	*	*	*	*	*	*
1-1.25	125	100	150	125	175	150	150	125
1.25-1.5	100	75	125	100	150	125	125	100
1.5-1.8	75	50	100	75	125	100	100	75
1.8-2.1	50	25	75	50	100	75	75	50
2.1-2.4	25	0	50	25	75	50	50	25
2.4-2.7	0	0	25	0	50	25	25	0
2.7-3	0	0	0	0	25	0	0	0
3.0 OR MORE	0	0	0	0	0	0	0	0

* INDICATES DEPTH NOT PRACTICAL

THE CITY OF
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REVISIONS

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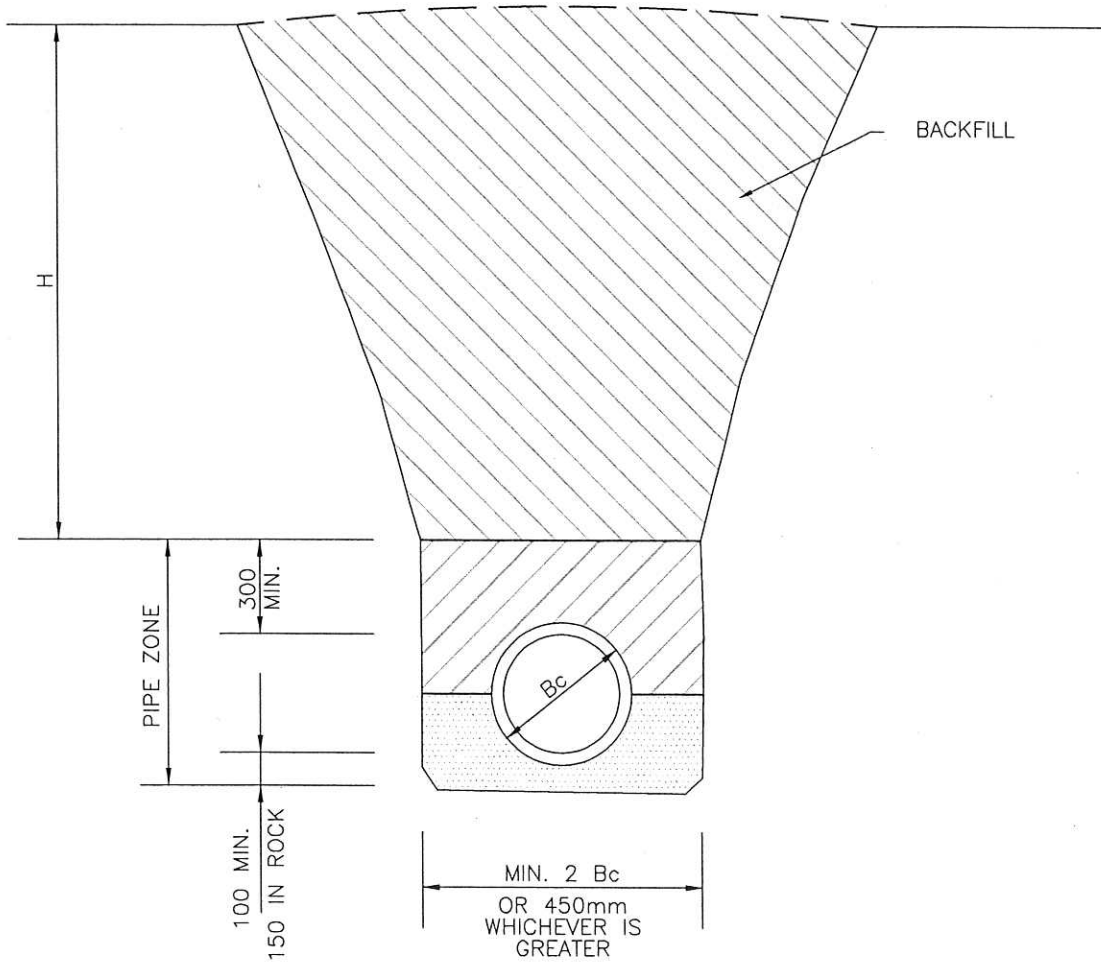
INSULATION REQUIREMENTS



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 APPROVED: J. MUSTARD DRAWING No.: GL-02

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NOTES:

1. WHEN CUT BACK SLOPES ARE TO BE USED IN LIEU OF CAGES AND SHORING, THESE SLOPES ARE TO MEET REQUIREMENTS OF LOCAL CODES.
2. SEE SPECIFICATIONS FOR MINIMUM COVER ABOVE PIPE.
3. MIN. PIPE ZONE WIDTH IS SPECIFIED TO ALLOW PROPER PIPE ZONE COMPACTION.
4. B_c = OUTSIDE PIPE DIAMETER.
5. FOR UNCOMPACTED BACKFILL, CROWN TRENCH BY $0.1 \times H$.

THE CITY OF
SPRUCE GROVE

PLANNING AND INFRASTRUCTURE

REVISIONS

DATE	DETAILS	DRAWN

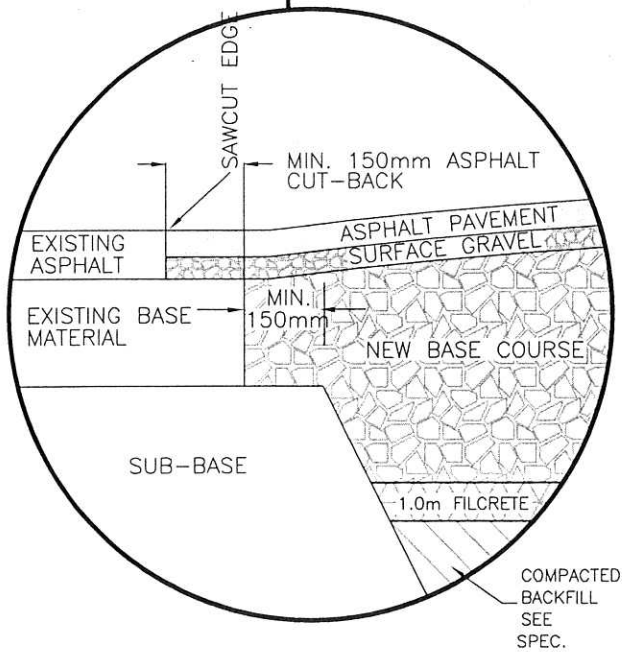
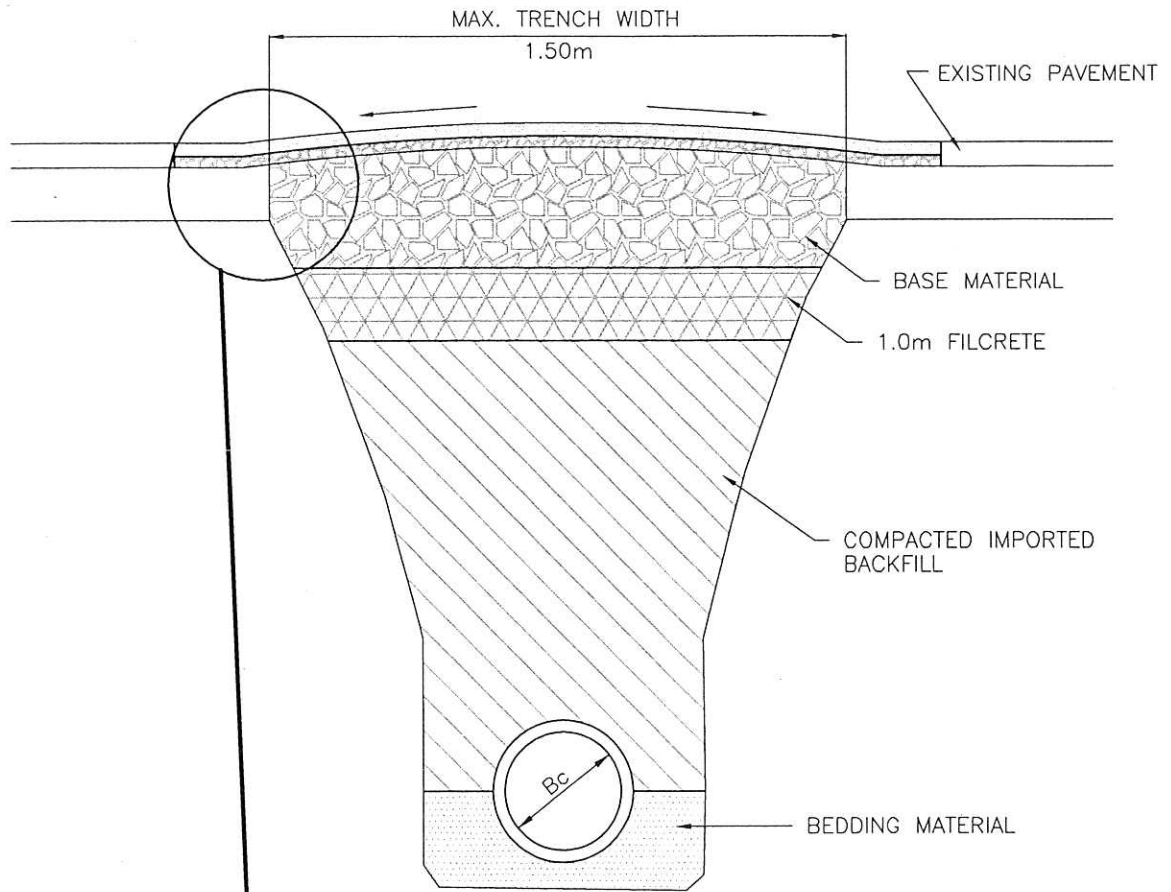
TRENCH DETAIL



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REVISIONS			PAVEMENT RESTORATION		
DATE	DETAILS	DRAWN			
02/14	Added Filcrete	RP		DRAWN: T. CRAWFORD	DATE: MARCH 6, 2006
				CHECKED: J. MUSTARD	SCALE: NOT TO SCALE
				APPROVED: J. MUSTARD	DRAWING No.: GL-04