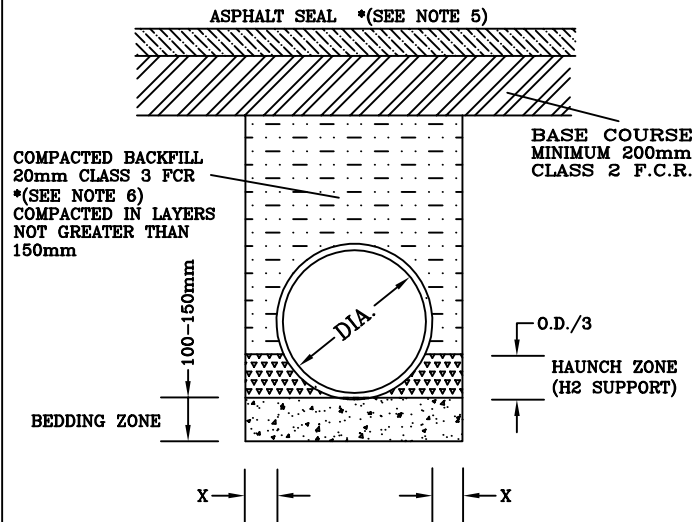


COMPACTION TO BE 97% BY CHARACTERISTIC VALUE OF DENSITY RATIO. (IN 150mm LAYERS)

TESTING - EVERY 50m. OR BETWEEN PITS, WHICH EVER IS GREATER, AT TOP OF CLASS 3 LEVEL.



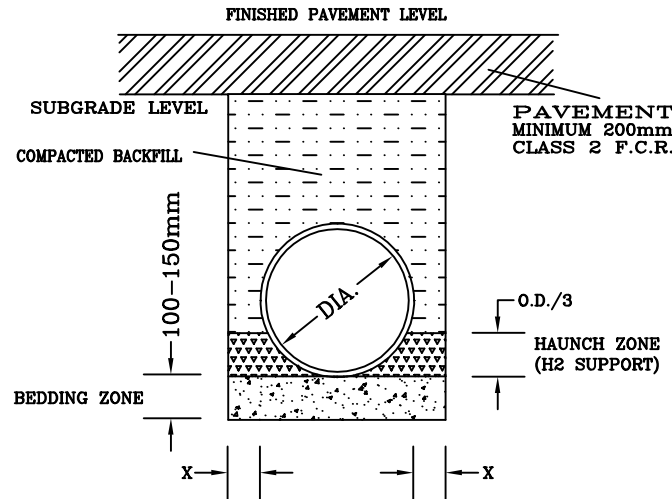
NOTE:

1. COMPACTED BACKFILL TO BE CLASS 3 FINE CRUSHED ROCK.
2. HAUNCH ZONE TO BE 20mm AGGREGATE - MATERIAL AS SPECIFIED.
3. BEDDING ZONE TO BE CLASS 3 FINE CRUSHED ROCK - COMPACTED. DEPTH TO BE 100mm MIN. FOR DIA. < 1500mm. AND 150mm MIN. FOR DIA. >1500mm.
4. CLEARANCE 'X' = O.D./3, MINIMUM 150mm AND MAXIMUM 300mm UNLESS OTHERWISE SPECIFIED.
5. ASPHALT TYPE AS FOLLOWS:
LOCAL ROAD - TYPE N SIZE 10
COLLECTOR ROAD - TYPE H SIZE 10
ARTERIAL ROAD - TO BE EVALUATED AT EACH SITE
6. BACKFILL IN ARTERIAL ROADS OR HIGHER IS TO BE COMPACTED 3% CEMENT STABILISED FCR TO WITHIN 200mm OF THE UNDERSIDE OF THE ASPHALT SURFACE, BASE TO BE CLASS 2 20mm FCR.

A. ROAD PAVEMENT

COMPACTION TO BE 97% BY CHARACTERISTIC VALUE OF DENSITY RATIO. (IN 150mm LAYERS)

TESTING TO BE AT BASE OF KERB LEVEL. LOT SIZE TO BE 200 LINEAL METRES.



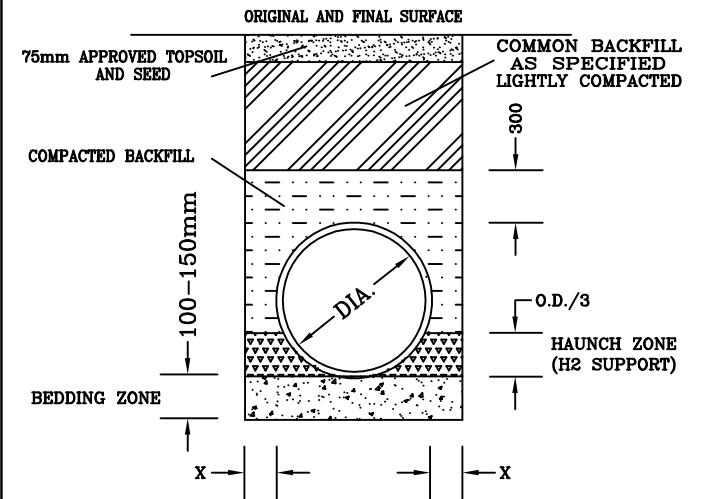
NOTE:

1. COMPACTED BACKFILL TO BE RED DREDGE GRAVEL
2. HAUNCH ZONE TO BE 20mm AGGREGATE - MATERIAL AS SPECIFIED.
3. BEDDING ZONE TO BE CLASS 3 FINE CRUSHED ROCK - COMPACTED. DEPTH TO BE 100mm MIN. FOR DIA. < 1500mm. AND 150mm MIN. FOR DIA. >1500mm.
4. CLEARANCE 'X' = O.D./3, MINIMUM 150mm AND MAXIMUM 300mm UNLESS OTHERWISE SPECIFIED.
5. BACK OF KERB 75mm SOIL INSTEAD OF CL 2 UNLESS OTHERWISE SPECIFIED.

B. ROAD SHOULDERS

COMPACTION TO BE 95% BY CHARACTERISTIC VALUE OF DENSITY RATIO. (IN 150mm LAYERS)

TESTING IS NOT REQUIRED AT THIS STAGE.



NOTE:

1. COMPACTED BACKFILL TO BE RED DREDGE GRAVEL.
2. HAUNCH ZONE TO BE 20mm AGGREGATE - MATERIAL AS SPECIFIED.
3. BEDDING ZONE TO BE CLASS 3 FINE CRUSHED ROCK - COMPACTED. DEPTH TO BE 100mm MIN. FOR DIA. < 1500mm. AND 150mm MIN. FOR DIA. >1500mm.
4. CLEARANCE 'X' = O.D./3, MINIMUM 150mm AND MAXIMUM 300mm UNLESS OTHERWISE SPECIFIED.

C. NATURESTRIPS

COMPULSORY MEASURES FOR THE PROTECTION OF TRENCHES 1.5m OR MORE IN DEPTH ARE TO COMPLY WITH THE REQUIREMENTS OF THE MINES ACT 1958, THE OCCUPATIONAL HEALTH AND SAFETY ACT, ALL OTHER RELEVANT REGULATIONS, AND MUST INCLUDE THE NOMINATION OF A MANAGER OF THE TRENCH.

CITY OF BALLARAT

1	CHANGE OF ROAD PAVEMENT NOTES.	3/12/98
2	DIMENSIONS & NOTES	18/01/99
No.	AMENDMENTS	DATE

Approved by:

Date:

TRENCH DETAILS FOR REINFORCED CONCRETE PIPES



SCALE:
NOT TO SCALE
SHEET 1 OF 3
DRAWING NO:
SD-D8-1