

**NOTES:**

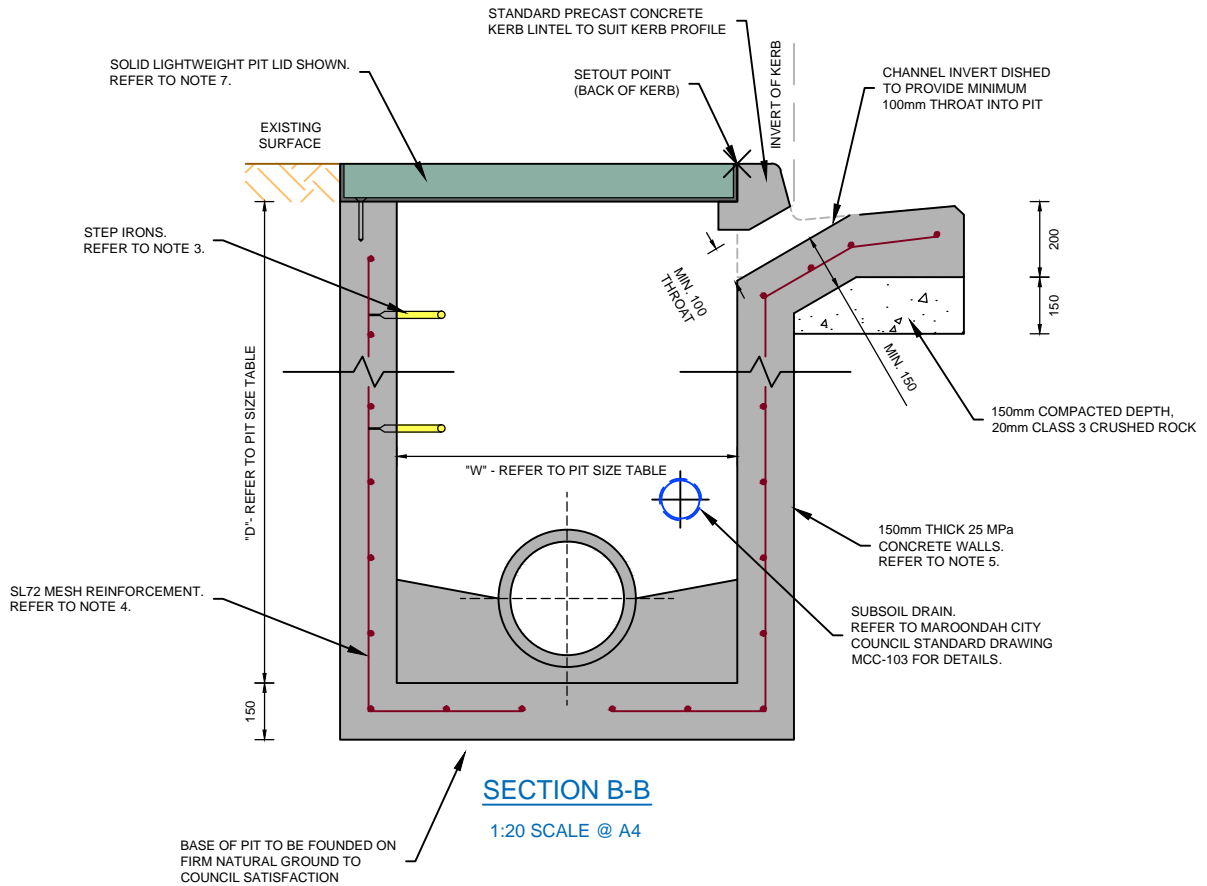
1. DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE INDICATED.
2. STANDARD TO BE USED WHERE STORMWATER DRAINAGE PIPE IS WITHIN THE NATURE STRIP.
3. REFER TO SHEET 2 FOR ADDITIONAL PIT CONSTRUCTION NOTES.

Engineering & Building Services  
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Title:

## DRAINAGE - SIDE ENTRY PIT - DRAINAGE PIPE WITHIN NATURE STRIP

Revision: 00  
Date: October 2020  
Sheet: 1 of 2  
Standard Drawing Number:  
**MCC-203**



**NOTES:**

1. DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE INDICATED.
2. NO INTERNAL DIMENSION OF JUNCTION PITS SHALL BE LESS THAN PIPE DIAMETER PLUS 150mm.
3. WHERE PIT DEPTH EXCEEDS 1000mm, STEP IRONS ARE TO BE INSTALLED IN ACCORDANCE WITH MAROONDAH CITY COUNCIL STANDARD DRAWING MCC-202.
4. WHERE PIT DEPTH EXCEEDS 1500mm, PIT WALLS ARE TO BE REINFORCED WITH SL72 MESH CENTRALLY PLACED.
5. WHERE PIT DEPTH EXCEEDS 1800mm AND/OR PIPE DIAMETER EXCEEDS 450mm, PIT WALLS ARE TO BE 200mm THICK CONCRETE.
6. WHERE PIT DEPTH EXCEEDS 3600mm, PIT IS TO BE DESIGNED IN ACCORDANCE WITH VICROADS STANDARD DRAWING SD 1011.
7. SOLID LIGHTWEIGHT PIT LID IS TO BE MINIMUM CLASS B & LOCKABLE IN ACCORDANCE WITH AUSTRALIAN STANDARDS AS 3996:2019, INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
8. CLASS 3 CRUSHED ROCK MAY CONTAIN 100% CRUSHED CONCRETE IN ACCORDANCE WITH VICROADS TECHNICAL NOTE TN 107 - USE OF RECYCLED MATERIALS IN ROAD PAVEMENTS.

| PIPE SIZE (mm)       | INTERNAL DIMENSIONS OF PIT (mm) |     |                                  | STEP IRON | PIT COVER SIZE |
|----------------------|---------------------------------|-----|----------------------------------|-----------|----------------|
|                      | D                               | L   | W                                |           |                |
| LESS THAN 450 DIA    | <1000                           | 900 | 600                              | NO        | TO SUIT        |
|                      | >1000                           | 900 | 900                              | YES       |                |
| GREATER THAN 450 DIA | <1000                           | 900 | DIA + 150                        | NO        |                |
|                      | >1000                           | 900 | 900 (OR DIA + 150, IF DIA > 750) | YES       |                |

\* REFER TO NOTES FOR ADDITIONAL PIT SPECIFICATIONS

**MINIMUM INTERNAL PIT SIZE TABLE**

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**DRAINAGE -  
SIDE ENTRY PIT -  
DRAINAGE PIPE WITHIN NATURE  
STRIP**

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