NOTES

GENERAL

1. INVERT LEVELS AND REFERENCE POINT DATA ARE SPECIFIED IN THE DESIGN DRAWINGS.

2. INLET/OUTLET PIPES MAY JOIN STRUCTURE AT SKew ANGLES.

3. THIS STRUCTURE IS NOT APPROPRIATE FOR DIRECT CONNECTION TO WATER CORPORATION DRAIN UNLESS PROVIDED WITH S/D TRAP OR INCORPORATING SURFACE DRAINAGE HAS BEEN 'TRAPPED' UPSTREAM.

4. FOR INFORMATION RELATING TO GROUND PREPARATION OF STRUCTURES REFER TO MAIN ROADS TENDER DOCUMENT - PREPARATION NO. 445 (DRAINAGE STRUCTURES).

CONCRETE & REINFORCEMENT

5. ALL IN-SITU CONCRETE SHALL BE CLASS N32 IN ACCORDANCE WITH AS1739.

6. ALL IN-SITU CONCRETE CORNERS SHALL HAVE A 20 CHAMFER UNLESS OTHERWISE NOTED.

7. CEMENT MORTAR SHALL CONSIST OF ONE PART PORTLAND CEMENT (OR SIMILAR) AND THREE PARTS SAND.

8. SLAB REINFORCEMENT SHALL CONFORM WITH HARD DRAWN FABRIC TO AS4471.

9. MINIMUM CLEAR COVER TO REINFORCEMENT SHALL BE 50

BRICKWORK

10. BRICKWORK TO BE REINFORCED EVERY THIRD COURSE WITH SMORSON A.R.C. MASONRY REINFORCEMENT MRR5/50 OR SIMILAR APPROVED IN ACCORDANCE WITH AS2689.

11. BRICKWORK SHALL BE 230x114x76 NOMINAL SIZE, SOUND, HARD, WELL BURNED AND TRUE TO SHAPE AND DIMENSIONS AND SHALL BE OF 'EXPOSURE' DURABILITY CLASS IN ACCORDANCE WITH AS4455.

12. BRICKWORK SHALL BE SOLID AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25 MPa IN ACCORDANCE WITH AS4455.

STEP IRONS

13. FOR STRUCTURES DEEPER THAN 1200, STEP IRONS OR PREFABRICATED GALVANISED STEEL LADDER SHALL BE FITTED. THE LADDER SHALL BE FIXED WITH STAINLESS STEEL MASONRY ANCHORS IN ACCORDANCE WITH AS5863.

14. ORIENTATE STEP IRONS OR LADDER TO ENABLE EASY ACCESS AND TO FACE ONCOMING TRAFFIC.

SUPERSEDED DRAWINGS

15. THIS DRAWING SUPERSEDES DRAWINGS 9835-5015, 9831-5019 & 9831-5021.

DRAWING REFERENCES

<table>
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<tr>
<th>STRUCTURE TYPE</th>
<th>PIT DEPTH</th>
<th>COVER TYPE</th>
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<td>WN</td>
<td>NOM. Ø525</td>
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ALL UNITS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.