



NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. CONCRETE FOR UNREINFORCED PITS:
 - 25 MPa GRADE N25:80:10 IN ACCORDANCE WITH AS1379.
- CONCRETE FOR UNREINFORCED PITS:
 - 32 MPa GRADE N32:80:10 IN ACCORDANCE WITH AS1379.
3. CONCRETE FINISHES:
 - ALL PEDESTRIAN OR TRAFFICABLE AREAS TO BE NON-SLIP WOOD FLOAT OR BROOM FINISH WITH ALL EXPOSED EDGES ROUNDED TO 5 RADIUS. OTHER EXPOSED
 - SURFACES TO BE OFF STEEL FORM QUALITY.
4. STEEL REINFORCING BARS AND FABRIC TO COMPLY WITH AS/NZS4671 GRADE D500N
5. PITS DEEPER THAN 1200 TO BE FITTED WITH STEP IRONS AT 300 CENTRES. TO AS1657
6. 100 DIA. SUBSOIL DRAINAGE PIPE 3000 LONG WRAPPED IN FABRIC SOCK TO BE PROVIDED ADJACENT TO INLET PIPES.
7. HINGES ON GMS GRATE TO BE PLACED ON TRAFFIC APPROACH SIDE. GMS GRATE TO BE BIKE SAFE AND LOAD RATED TO 'CLASS D' IN ACCORDANCE WITH AS3996-2006. WELD LOCK OR EQUAL.
8. FOR DETAILS OF PRECAST CONCRETE LINTELS SEE DRAWING A2202. CONSTRUCTORS TO BE AWARE OF VARIATIONS IN MANUFACTURER'S MOLDS FROM STANDARD PROFILE ON DRAWING A2202.
9. FOR DETAILS OF STANDARD CONCRETE KERB SHAPES SEE DRAWING A1200.
10. FOR DETAILS OF CONCRETE AND STEEL REINFORCEMENT FOR PITS GREATER THAN 1.5 METRES IN DEPTH REFER TO TABLE A.
11. ALL PITS ARE TO BE ADEQUATELY STREAMLINED AND BENCHED.
12. 350 WIDE x 150 DEEP x 1200 LONG PRECAST CONCRETE LINTEL WITH 3Y12 @ 125 CENTRES (50 COVER TO BOTTOM).
13. 100x100 UNREINFORCED CONCRETE EDGE STRIP POURED INSITU TO PERIMETER OF GRATE UNIT. NOT REQUIRED FOR CONCRETE OR BRICK PAVED MEDIANS.
14. FOUNDING MATERIAL TO ACHIEVE A MINIMUM ALLOWABLE BEARING CAPACITY OF 150KPa

| 'H' MAX DEPTH (M) | 'L' & 'B' MAX WIDTH/LENGTH (M) | SECTION | CONCRETE GRADE | CONSTRUCTION METHOD |
|-------------------|--------------------------------|--|----------------|---|
| 1.2 | 1.2 | 150 THICK WALLS UNREINFORCED | 25MPa | INTERNAL FORMWORK ONLY WITH HAND VIBRATION |
| 1.5 | 1.2 | 150 THICK WALLS UNREINFORCED | 25MPa | INTERNAL AND EXTERNAL WALL FORMWORK WITH MECHANICAL VIBRATION |
| 3.5 | 1.6 | 150 THICK WALLS REINFORCED AS DETAILED BELOW | 32MPa | INTERNAL AND EXTERNAL WALL FORMWORK WITH MECHANICAL VIBRATION |

REINFORCEMENT DETAILS: SL92 FABRIC CENTRAL OR N12-200 B/WAYS. HORIZONTAL BARS TO BE CENTRALLY PLACED. RETURN STEEL INTO BASE BY 200 MIN. PROVIDE 200 MIN. LAP AT WALL/WALL CORNERS PROVIDE 50 MIN COVER TO REINFORCEMENT

| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>No.</th> <th>AMENDMENT DETAILS</th> <th>DATE</th> <th>INITIALS</th> </tr> <tr> <td>1</td> <td>CONSTRUCTION</td> <td>11.06.13</td> <td>J.C.</td> </tr> <tr> <td>0</td> <td>PRELIMINARY - FOR REVIEW AND COMMENT ONLY</td> <td>14.12.12</td> <td>J.C.</td> </tr> </table> | | | | No. | AMENDMENT DETAILS | DATE | INITIALS | 1 | CONSTRUCTION | 11.06.13 | J.C. | 0 | PRELIMINARY - FOR REVIEW AND COMMENT ONLY | 14.12.12 | J.C. | SCALE AS SHOWN | LIVEABLE CITY INFRASTRUCTURE MANAGEMENT SERVICES | APPROVED: SIGNED: INFRASTRUCTURE MANAGEMENT SERVICES MANAGER DATE: 11/6/13 | THE CITY OF NEWCASTLE MEDIAN INLET PIT FOR A MOUNTABLE KERB WITH GMS GRILL AND ENTRY LID | NCC PLAN No. A2203 | SHEET No. 1 OF 1 SHEETS |
|---|---|----------|----------|--------------------|-------------------|----------------|---------------|---|--------------|----------|------|---|---|----------|------|--------------------------|--|---|---|------------------------------|-------------------------------------|
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| A3 ORIGINAL THIS SHEET WAS PREPARED IN COLOUR AND WILL BE INCOMPLETE IF COPIED | | | | COORDINATE SYSTEM: | HEIGHT DATUM: AHD | REVIEWED: J.C. | AMENDMENT No. | | | | | | | | | | | | | | |