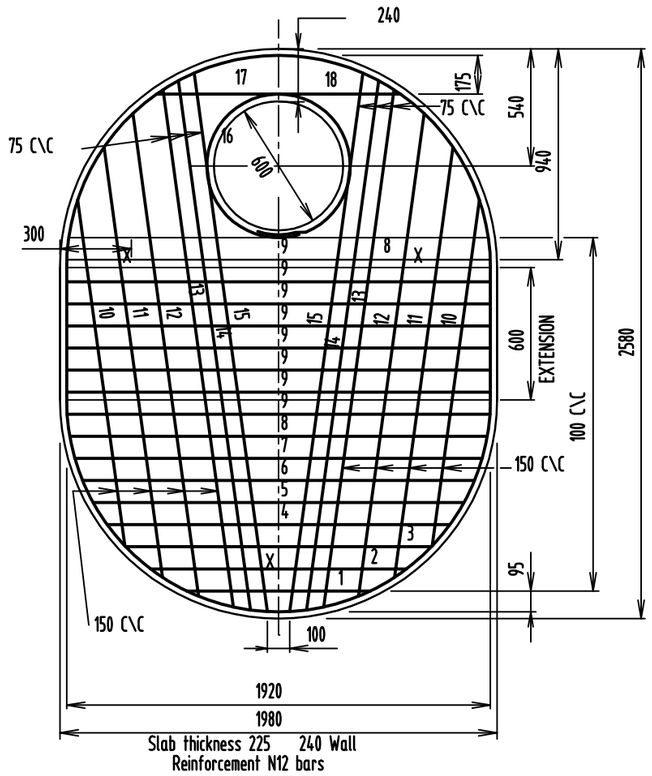
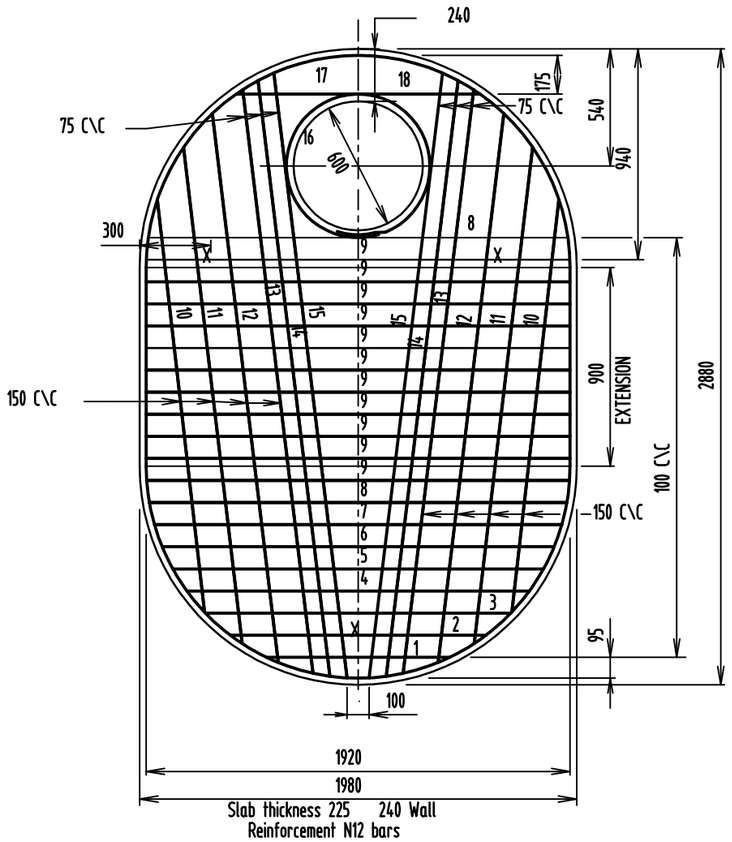



## 1500 DIA ACCESS CHAMBER
## EXTENDED 600




## 1500 DIA ACCESS CHAMBER
## EXTENDED 900

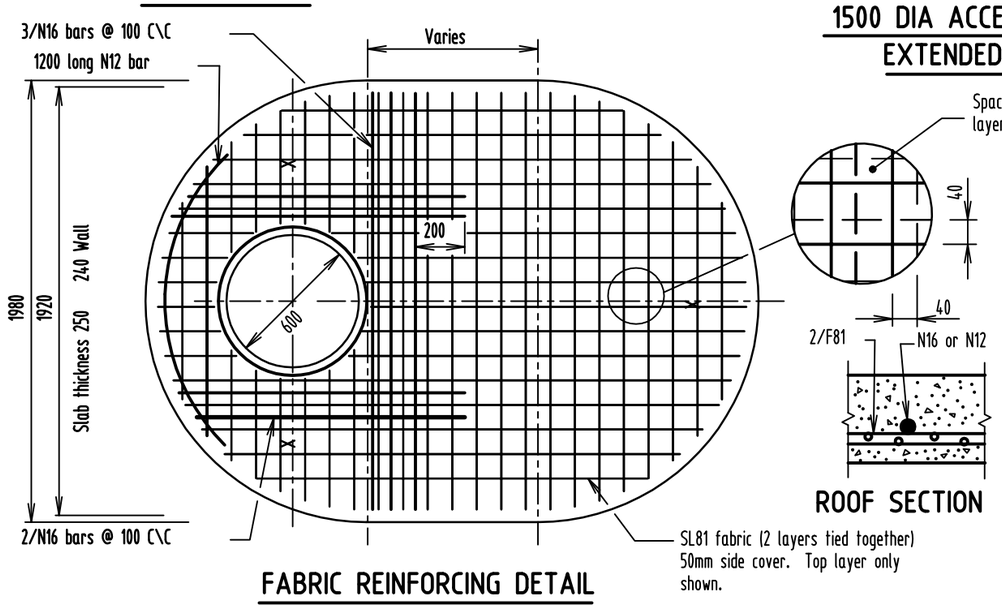
| BAR NO. | SHAPE | LENGTH | NO. OFF | TOTAL |
|---|---|---|---|---|
| 1 | | 835 | 1 | 835 |
| 2 | | 1160 | 1 | 1160 |
| 3 | | 1385 | 1 | 1385 |
| 4 | | 1550 | 1 | 1550 |
| 5 | | 1680 | 1 | 1680 |
| 6 | | 1775 | 1 | 1775 |
| 7 | | 1845 | 1 | 1845 |
| 8 | | 1890 | 2 | 3780 |
| 9 | | 1920 | 8 | 15360 |
| 10 | | 1560 | 2 | 3120 |
| 11 | | 1920 | 2 | 3840 |
| 12 | | 2170 | 2 | 4340 |
| 13 | | 2300 | 2 | 4600 |
| 14 | | 2375 | 2 | 4750 |
| 15 | | 2450 | 2 | 4900 |
| 16 | | 2600 | 1 | 2600 |
| 17 | | 7195 | 1 | 7195 |
| 18 | | 1105 | 1 | 1105 |

Steel Mass 59 kg
Concrete Volume 0.90 $m^3$
Total Mass 2250 kg
TOTAL LENGTH 65820

## 1500 DIA ACCESS CHAMBER
## EXTENDED 900

| BAR NO. | SHAPE | LENGTH | NO. OFF | TOTAL |
|---|---|---|---|---|
| 1 | | 835 | 1 | 835 |
| 2 | | 1160 | 1 | 1160 |
| 3 | | 1385 | 1 | 1385 |
| 4 | | 1550 | 1 | 1550 |
| 5 | | 1680 | 1 | 1680 |
| 6 | | 1775 | 1 | 1775 |
| 7 | | 1845 | 1 | 1845 |
| 8 | | 1890 | 2 | 3780 |
| 9 | | 1920 | 11 | 21120 |
| 10 | | 1800 | 2 | 3600 |
| 11 | | 2200 | 2 | 4400 |
| 12 | | 2470 | 2 | 4940 |
| 13 | | 2650 | 2 | 5300 |
| 14 | | 2700 | 2 | 5400 |
| 15 | | 2750 | 2 | 5500 |
| 16 | | 2600 | 1 | 2600 |
| 17 | | 7795 | 1 | 7795 |
| 18 | | 1105 | 1 | 1105 |

Steel Mass 67 kg
Concrete Volume 1.03 $m^3$
Total Mass 2575 kg
TOTAL LENGTH 75770




## FABRIC REINFORCING DETAIL




## ROOF SECTION

SL81 fabric (2 layers tied together) 50mm side cover. Top layer only shown.

## NOTES

1. Concrete N40 in accordance with AS 1379 and AS 3600.
2. Reinforcement cover 30 Min. (btm cover).
3. Reinforcement:– SL81 Fabric to AS 4671, Bars N12 and N16, Grade 400 to AS 4671.
4. Lifting anchors to be "swinglift" or equivalent. 1.8 tonne galvanised to AS 1650 and fitted to manufacturer's specification at points shown by 'X'.
5. Lifting capacity of mechanical devices to be no less than 4 tonnes.
6. Roof design based on Austroads Bridge Code, W7 wheel load, dynamic factor 0.4.
7. Refer to Drawing DS–011 for reinforcement dimensions.
8. All dimensions in millimetres.

These drawings have been developed in consultation between the participating Councils.
BEFORE USE, the user shall confirm that the drawing has been adopted by the appropriate Council.

| Rv. | DATE | REVISIONS |
|---|---|---|
| A | 10/12 | ORIGINAL ISSUE |

INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALIA
QUEENSLAND DIVISION INC.
STANDARD DRAWINGS

ACCESS CHAMBER
ROOF SLABS
DIA. 1500 EXTENDED 600 AND 900

**DS–012**

Rv. A