CONCRETE LINER TYPE DRAINAGE STRUCTURE

ELEVATION

VIEW A

PLAN

R25 (TPP)
450 OR 290
N24

N24

R25

M8 NUT & WASHER
M8 WASHER TACK WELDED TO BAR
DRILL WASHER TO 35 L.D.

BRICK WORK TYPE DRAINAGE STRUCTURE

ELEVATION

VIEW A

PLAN

R25 (TPP)
400 OR 290
N24

N24

R25

OPTION 1

OPTION 2

STEP IRONS

NOTES

1. DRAINAGE STRUCTURES DEEPER THAN 1200 SHALL BE FITTED WITH STEP IRONS IN ACCORDANCE WITH AS607.

2. STEP IRONS SHALL BE LOCATED:
   -DIRECTLY BELOW THE OPENING IN THE COVER.
   -DECREASELY ON A WALL WITHOUT PIPE OPENINGS.

3. MATERIAL FOR STEP IRONS SHALL BE N24 DEFORMED BAR (MICRO ALLOY DEFORMED BAR SHALL NOT BE USED).

4. APPROVED PREFABRICATED GALVANISED STEEL LADDER MAY BE USED IN DEEP DRAINAGE STRUCTURES IN ACCORDANCE WITH AS607 AND FIXED WITH STAINLESS STEEL MASONRY ANCHORS.

5. ALL THREADED PORTION OF BAR & NUTS SHALL BE DRILLED AND TAPPED OVERSIZE IN ACCORDANCE WITH AS1524 TO SUIT GALVANISING.

6. STEP IRONS SHALL BE HOT DIP GALVANISED IN ACCORDANCE WITH AS1490.

7. DEFORMED BAR RIB MUST NOT BE ON THE TOP OF THE IRON.

8. WELDING TO AS1525.

SUPERSEDES DRAWINGS

9. THIS DRAWING SUPERSEDES DRAWING 9313-8366.

STEP IRON DETAIL

PLAN

BRICK WORK

CONCRETE LINER

400 WIDE STEP IRON
200 WIDE STEP IRON

TOP OF COVER

SHAFT

TOP OF BASE SLAB

ELEVATION

PLAN

CONCRETE LINER

400 WIDE STEP IRON
200 WIDE STEP IRON

TOP OF COVER

SHAFT

TOP OF BASE SLAB

ELEVATION

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