CONCRETE LINER TYPE DRAINAGE STRUCTURE

STEP IRONS

BRICKWORK AND BLOCKWORK TYPE DRAINAGE STRUCTURE

STEP IRON DETAIL

NOTES

1. DRAINAGE STRUCTURES DEEPER THAN 1800 SHALL BE FITTED WITH STEP IRONS IN ACCORDANCE WITH AS 792.
2. STEP IRONS SHALL BE LOCATED:
   - DIRECTLY BELOW THE OPENINGS IN THE COVER
   - DEEPLY IN A WALL WITHOUT PIPE OPENINGS
3. MATERIAL FOR STEP IRONS SHALL BE S355 REINFORCED BARS (M16) ALLOY DEFERRED AND TAPPED OVERSIZE IN ACCORDANCE WITH AS/NZS 954.5 TO SUIT GALVANISING
4. APPROVED PRE-FABRICATED GALVANISED STEEL LADDER MAY BE USED IN DEEP DRAINAGE STRUCTURES IN ACCORDANCE WITH AS 797 AND FIXED WITH STAINLESS STEEL PASSIVATION ANCHORS.
5. ALL TAPPED PORTION OF BARS & NUTS SHALL BE DRILLED AND TAPPED OVERSIZE IN ACCORDANCE WITH AS/NZS 954.5 TO SUIT GALVANISING.
6. STEP IRONS SHALL BE NOT NP GALVANISED IN ACCORDANCE WITH AS/NZS 954.5.
7. ALL TAPPED PORTION OF BARS & NUTS SHALL BE DRILLED AND TAPPED OVERSIZE IN ACCORDANCE WITH AS/NZS 954.5.
8. WHERE A PERSON COULD FALL MORE THAN 1.8M FROM SUCH A LADDER, A LADDER CAGE COMPLYING WITH AS 797 CLAUSE NO. 4.4.7 SHOULD BE FITTED.

SUPERSEDED

16. THIS DRAWING SUPERSEDES DRAWING 3951-006.