NOTES

1. WHERE GANTRY IS LOCATED IN PROXIMITY OF HIGH VOLTAGE POWER LINES ADDITIONAL EARTH PROTECTION SHALL BE PROVIDED AND DESIGNED BY A QUALIFIED ELECTRICAL ENGINEER.

2. HOLES THROUGH STEEL COLUMN SHALL REMAIN PLUGGED AT ALL TIMES TO PREVENT WATER INGRESS.

3. MINIMUM OFFSET FROM PILE CAP TO BE 1000 EXCEPT WHERE ABOVE GROUND OBSTRUCTIONS PREVENT PEDESTRIAN ACCESS.

4. EARTHING TO BE PROVIDED AT ACCESS OPENING LEVEL OPPOSITE TO ACCESS OPENING HATCH.

5. MAIN EARTHING BOLT, WASHERS AND LUG TO BE FITTED ON SITE AFTER GANTRY ERECTION.

6. ANTI-CORROSION TREATMENT TO BE APPLIED TO EARTH STUD TO BE SHOP WELDED PRIOR TO COATING AND LEVEL OPPOSITE TO ACCESS OPENING HATCH.

7. WHERE REQUIRED EARTHING TO BE PROVIDED AT BOTH ENDS OF EACH GANTRY EARTH STUD TO COMPLY WITH AS/NZS3000.

8. STANDARD DETAILS SHOWN ARE INDICATIVE ONLY. STRUCTURAL DETAILS SHALL BE DESIGNED BY A QUALIFIED ELECTRICAL ENGINEER.

9. LIGHTNING PROTECTION TO BE DESIGNED IN ACCORDANCE WITH AS/NZS3000.

10. EARTH BONDING BOLT AND LUG TO BE FITTED ON SITE AFTER GANTRY ERECTION.

11. CONDUIT connections following fitting.

12. HOLE THROUGH STEEL COLUMN SHALL REMAIN PLUGGED AT ALL TIMES TO PREVENT WATER INGRESS.

13. EARTHING STUD TO BE PROVIDED AT ACCESS OPENING LEVEL OPPOSITE TO ACCESS OPENING HATCH.

14. ELECTRICAL CONTACT BETWEEN LUG AND EARTH STUD.

15. PAINT TO BE REMOVED TO PROVIDE APPROPRIATE ELECTRICAL CONTACT BETWEEN LUG AND EARTH STUD.

16. ACCESS OPENING & COVER.

17. GANTRY ERECTION.

18. EARTHING STUD TO BE PROVIDED ON ACCESS OPENING HATCH.

19. EARTHING STUD TO BE PROVIDED ON ACCESS OPENING HATCH.

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