



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 HOLE 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 WITHIN 1000 OF THE PILE CAP.
- 4 EARTH STUD TO BE PROVIDED AT ACCESS OPENING LEVEL OPPOSITE TO THE ACCESS OPENING EARTH STUD TO BE SHOP WELDED PRIOR TO COATING AND GANTRY ERECTION
- 5 MAIN EARTHING NUT/WASHERS AND LUG TO BE FITTED ON SITE AFTER GANTRY ERECTION GANTRY COLUMN PAINT TO BE REMOVED TO PROVIDE APPROPRIATE ELECTRICAL CONTACT BETWEEN LUG AND EARTH STUD
- 6 ANTI-CORROSION TREATMENT TO BE APPLIED TO EARTH CONNECTION FOLLOWING FITTING
- 7 WHERE REQUIRED, EARTHING TO BE PROVIDED AT BOTH ENDS OF EACH GANTRY EARTH STAKE TO COMPLY WITH AS/NZS3000
- 8 STANDARD DRAWINGS SHOWN ARE INDICATIVE ONLY STRUCTURAL DETAILS SHALL BE DESIGNED BY A PRE-QUALIFIED CONSULTANT TO THE SATISFACTION OF VICROADS AND SHALL COMPLY WITH VICROADS' SPECIFICATION BRIDGE TECHNICAL NOTES (BTN'S) AND AS 5100 WHERE APPLICABLE
- 9 LIGHTNING PROTECTION TO BE DESIGNED IN ACORDANCE WITH AS 1768 WHERE REQUIRED
- 10 EARTH BONDING BOLT AND LUG TO BE FITTED ON SITE AFTER GANTRY ERECTION GANTRY PAINT TO BE REMOVED TO PROVIDE APPROPRIATE ELECTRICAL CONTACT BETWEEN STRUCTURE AND LUG BOLT AND LUG SHALL BE COATED TO MATCH GANTRY COLOUR.

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C			
B			
A	W H	12/2018	REVISION OF DETAIL
ISSUE	APP'D	DATE	AMENDMENT

GENERAL NOTES

DESIGNED M80 UPGRADE 07/2015

APPROVED W HARVEY - MANAGER ITS INFRASTRUCTURE & SYSTEM 08/2015

CAT. PROJ. FILE

SCALE OF METRES NTS

HOR VER

STANDARD DRAWING
MANAGED MOTORWAY

ACCESSIBLE VMS AND LUMS GANTRY
TYPICAL GANTRY EARTHING ARRANGEMENT

FILE NO	CONTRACT NO	SHEET NO	DRAWING NO	ISSUE
			TC-2287	A