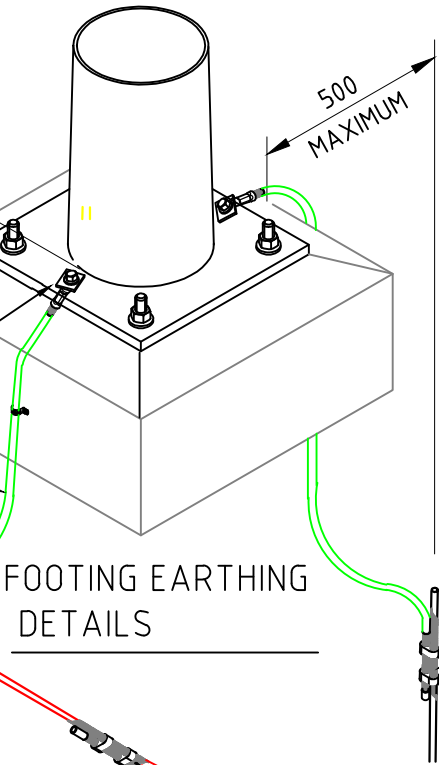
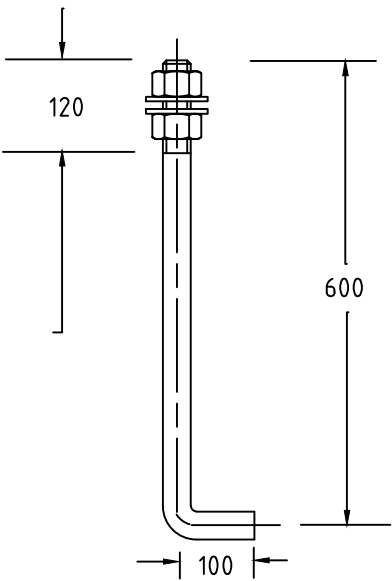


1. WORKMANSHIP & MATERIALS SHALL BE IN ACCORDANCE WITH CONCRETE STRUCTURE CODE AS3600.
2. CONCRETE QUALITY TO:
SLUMP 80mm.
MAXIMUM AGG. SIZE 20mm
CEMENT TYPE GP TO AS 3972
GRADE OF CONCRETE 40MPa
3. FOOTING SIZE SHOWN IS MINIMUM, IF REQUIRED THIS SIZE MAY BE INCREASED AFTER CONSULTING CIVIL/STRUCTURAL ENGINEER.
4. MINIMUM CONCRETE COVER TO REINFORCEMENT SHALL BE 75mm.
5. ACCURATELY LOCATE ITEM 1 WITH TEMPLATE.
6. ROTATE REINFORCING TO TIE IT TO RAG BOLT ASSEMBLY.
7. TIES (ITEM 3), REO BARS (ITEM 2), U BARS (ITEM 4), AND ANCHOR BOLTS (ITEM 1) TO BE WELDED TO CREATE ELECTRICAL CONTINUITY.
8. REFER SUBSTATION FOUNDATION LAYOUT FOR FOOTING LEVELS.
9. AFTER FABRICATION ANCHOR BOLT (ITEM 1) TO BE HOT DIP GALVANIZED IN ACCORDANCE WITH AS4680.

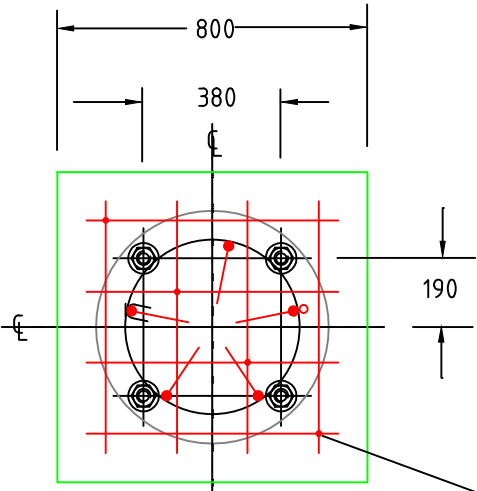
ITEM 1 DETAILS
REFER NOTE 9



BURIED 2.4m EARTH ROD
AND CRIMPED CONNECTIONS
REF DRG 385809

MATERIAL LIST

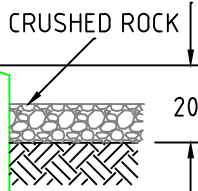
ITEM	DRG No.	DESCRIPTION	QTY
1	-	ANCHOR BOLTS M36 x 600 LG COGGED 100	4
2	-	BAR REINFORCING N20 DEFORMED RIB -COGGED 150 ONE END ONLY (GRADE 500 TO AS/ANZ 4671)	5
3	-	R10 TIES @ 300mm CTRS	A/R
4	-	N16 'U' BARS	16
5	-	COPPER CLAD STEEL ROD 15 DIA	1
6	-	CABLE 95mm2 ANNEALED BARE COPPER	A/R
7	-	CABLE 95mm2 ANNEALED COPPER PVC INSULATED	A/R



REFER NOTE 7

1 REFER NOTE 5

4 4-N16 U BARS BOTHWAYS (TOP & BOTTOM)



REFER NOTE 8

EARTH CONNECTION TO
STEEL REINFORCING
REF DRG 385810

5 & 6

STANDARD BOLTED
CONNECTION
REF DRG 385809

7

FOOTING EARTHING
DETAILS

EARTH CONNECTION TO
STEEL REINFORCING

EARTH GRID CONDUCTOR

2 5-N20 BARS COGGED 150 (REFER NOTE 6)

3 R10 TIES @ 300mm CENTRES

REFER NOTE 7

REFER NOTE 3

REFER NOTES 1, 2 & 4

FOOTING DETAILS

ORIGINAL SCALE AS SHOWN

APPROVED S.LEWIS

DRAWN GA

DATE 29/1/15

CHKD KS

DO NOT SCALE
DIMENSIONS IN MILLIMETRES

REFERENCE DRAWINGS

MANAGER PRIMARY SYSTEMS

29/1/15

FOOTING AND EARTHING FOR
LIGHTNING MASTS 20m AND 15m

A1

397979

A

SHEET No 1 OF 1 SHEETS