



GENERAL NOTES

- CREATE A REINFORCED CONCRETE PAD AROUND THE BASE OF THE STEEL POLE, COVERED BY A LAYER OF ASPHALT, WITH THE FOLLOWING ATTRIBUTES -
- CONCRETE PAD TO BE 3000mm SQUARE, 200mm THICK, REINFORCING MESH TO BE PLACED 100mm FROM THE TOP SURFACE OF CONCRETE PAD WITH FINISHED LEVEL OF CONCRETE PAD TO BE AT GROUND LEVEL
- REINFORCING MESH TO HAVE PERIMETER RING AT 2600mm SQUARE, THERE IS TO BE NO METAL WORK IN THE OUTSIDE 200mm EDGE OF THE CONCRETE PAD.
- REINFORCING MESH TO BE Ø8mm AND NO LARGER THAN 200mm MESH SIZE.
- REINFORCING MESH TO BE SUPPLIED IN TWO (2) HALVES, SOLIDLY WELD OVERLAP SECTIONS MINIMUM OF FOUR 50mm WELDS, WELDING TO BE CARRIED OUT ON SITE.
- ATTACH NOMINAL LENGTH OF 2.0 METRES PVC 70mm² COPPER EARTHING TAIL TO THE UNDERGROUND EARTHING POINT VIA STAINLESS STEEL M12 BOLT AND M12 HEXAGONAL CRIMP LUG. ENSURE THAT A MINIMUM CONCRETE COVERING OF 50mm AROUND BOLTED CONNECTION
- LAY MINIMUM 50mm LAYER OF ASPHALT ON TOP OF CONCRETE PAD, COMPLETELY COVERING CONCRETE AREA, MAKE NEAT GROUND LEVEL (BATTER) AT THE EDGES OF THE PAD.

CONSTRUCTION ISSUE

ITEM NO.	ITEM	DESCRIPTION	STOCK CODE	PRODUCT CODE	QTY.
11	CONNECTOR COMPRESSION	CONNECTOR - Ø70mm ² BURNDY STYLE YGHP CRIMP	H31699	BURNDY YGHP29C26	AS REQD
9	ELECTRODE ROD	ELECTRODE ROD - Ø15mm - 1800 LONG COPPER CLAD	H31631	ERICO 615860EA	2 MIN & AS REQD
5	FASTENERS WASHER	FASTENERS - WASHER - M12 BELLEVILLE STAINLESS STEEL GRADE 304		JBS 02750255	1 PER BOLT
4	FASTENERS WASHER	FASTENERS - WASHER - M12 FLAT STAINLESS STEEL GRADE 316	49429	JBS 03756209	2 PER BOLT
3	FASTENERS BOLT & NUT	FASTENERS - BOLT & NUT - M12 HEX STAINLESS STEEL GRADE 316 LENGTH TO SUIT			AS REQD
2	LUG COMPRESSION	LUG - Ø70mm ² M12 TINNED COPPER HEX COMPRESSION	74831	UTLUX H1423/25	AS REQD
1	CONDUCTOR	CONDUCTOR - Ø70mm ² STRANDED COPPER - BLACK PVC COVERED	60111		AS REQD

MATERIALS LIST

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SCALE: AS SHOWN
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 CHECKED: PHILLIP NICHOLS
 APPROVED: BILL CARMAN
 DATE: 09/07/07
 PROJECT NUMBER: EH103-163
 PROJTRAK NUMBER:

NETWORK EARTHING STANDARD
 CONCRETE POLE EARTHING PAD
 CIVIL WORKS
 EMBEDDED EARTHING LAYOUT AND
 EMBEDDED EARTHING DETAILS

SIZE: A1
 DRAWING No: 183192
 SHEET: 01
 AMD: 1

CAD DRAWING
 DO NOT MANUALLY AMEND
 A. R. E. M. E. N. T. S.
 DWN AARON BULBERT
 CHD MICHAEL AXON
 APP'D CAMERON SHORTLAND
 DATE: 07/09/2012
 THIS DRAWING IS AN INSTRUMENT
 OF SERVICE UNDER THE
 ELECTRICITY ACT 1997
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 DETAILS FROM NUMBERS
 TO ALPHA

ASSOCIATED DRAWINGS