



- NOTES :**
1. USE BARE 70mm² HARD DRAWN COPPER CONDUCTOR AT ALL LOCATIONS UNLESS AN ALTERNATIVE CONDUCTOR IS SPECIFIED BY NETWORK EARTHING.
 2. STAPLING OF THE EARTH TO THE BUTT OF THE POLE TO BE COMPLETED BEFORE ERECTION.
 3. STAPLES SECURING THE EARTHING CONDUCTOR ARE TO BE SPACED AT NOT MORE THAN 600mm.
 4. AFTER ERECTION AND PRIOR TO THE CONNECTION OF ANY OVERHEAD EARTH WIRE THE RESISTANCE OF THE BUTT EARTH SHALL BE MEASURED BY TESTING BETWEEN THE BUTT EARTH AND THE REMOTE EARTH. IF THE REQUIRED EARTH RESISTANCE SPECIFIED BY NETWORK EARTHING IS NOT ACHIEVED, ADDITIONAL EARTHING IS TO BE INSTALLED AS SHOWN UNTIL THE SPECIFIED VALUE OF RESISTANCE IS OBTAINED.
 5. WHERE PRACTICAL ADDITIONAL EARTHING CONDUCTOR RUNS ARE TO BE PARALLEL AND UNDER THE OVERHEAD LINES.

ITEM	DESCRIPTION	STOCK CODE	STD ARR.	WITH ADDL EARTHING
		QTY		
16	CONDUCTOR - 70mm ² , 19/2.14mm, COPPER, ANNEALED, PVC COVERED, BLACK	60111	A/R	A/R
15	CONNECTOR - COPPER, EARTHING, CRIMP (70mm ² -70mm ² CABLE)	177942	2	4
14	ROD - GROUND, ANTI-THEFT ARRANGEMENT (ERICO DRG : XE2073) PART No. 615800CW0505	182632	1	1
13	NUT - M12, HEX., STAINLESS STEEL	8987	2	2
12	WASHER - SPRING, M12, STAINLESS STEEL	143859	2	2
11	WASHER - FLAT, M12, STAINLESS STEEL	49429	4	4
10	SCREW - SET, M12x25mm, STAINLESS STEEL	44693	2	2
9	LUG - 70mm ² , TINNED COPPER (2 x M12 HOLES, 30mm CENTRES)	176967	2	2
8	SADDLE - 15mm, GALVANISED		5	5
7	SLEEVE - COUPLING, Ø15mm EARTH ROD	H31649	-	A/R
6	ROD - EARTHING, Ø15x1800mm, COPPER CLAD STEEL CORED	H31631	-	A/R
5	CONNECTOR - COPPER, EARTHING (Ø15 ROD TO 50/70mm CABLE)	H31699	-	A/R
4	CLOUT - 2.8x40mm, GALVANISED STEEL	175723	24	24
3	STAPLE - FENCING, 4.0x40mm, GALVANISED STEEL	51060	A/R	A/R
2	GUARD - EARTH, COVER, 3m, BLACK, PVC	157552	1	1
1	CONDUCTOR - 70mm ² , 19/2.14mm, COPPER, HARD DRAWN	176140	A/R	A/R

CONSTRUCTION ISSUE
DO NOT SCALE

DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.

CAD DRAWING DO NOT MANUALLY AMEND AMENDMENTS	DWN: PATRICIA RIOS CHKD: PHILLIP JONES	DATE: 18/08/2010 DRAWING BORDER UPDATED: ANTI-THEFT EARTHING ROD ADDED. MATERIAL LIST AMENDED.	APPD by: GLENN FORD	DWN: PATRICIA RIOS CHKD: PHILLIP JONES	DATE: 25/10/2012 STOCK CODE ADDED FOR ITEM 14.	APPD by: GLENN FORD
8	9					

ASSOCIATED DRAWINGS	

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DESIGNED	-	STANDARD CONSTRUCTION TIMBER POLE STRUCTURE EARTHING ARRANGEMENT TYPE SE-M5	SHEETS 01 of 01	AMD 9		
DRAWN	P.S					
CHECKED	P.S					
AUTHORISED	I.NICHOLS					
DATE	11/12/91					
SCALE	NTS					
MAP REF.	-	PROJECT No.	STD	SIZE	DRAWING No	508786
LGA	-	PROJTRAK No.	-	A2		