



- NOTES :**
- THE FOLLOWING INFORMATION IS OBTAINED FROM THE PROJECT DESIGN DRAWINGS:
 - POLE LENGTH AND STRENGTH.
 - SPECIAL FOUNDATION REQUIREMENTS.
 - POLE EMBEDMENT DEPTH.
 - CONDUCTOR SIZE.
 - STAY REQUIREMENTS.
 - DEVIATION ANGLE.
 - ASSESSED EARTHING REQUIREMENTS.
 - THE MAXIMUM LINE DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANGEMENT IS TO BE DETERMINED BY THE LINE DESIGNER.
 - POLE STEPS ARE TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NS128.
 - IN AREAS WHERE THE 22kV NETWORK CANNOT BE WORKED ON USING LIVE LINE TECHNIQUES, UNDERBUILT CIRCUITS SHALL BE INSTALLED WITH A MINIMUM CLEARANCE OF 1200mm. IN AREAS WHERE THE 22kV NETWORK CAN BE WORKED ON USING LIVE LINE TECHNIQUES, UNDERBUILT CIRCUITS SHALL BE INSTALLED WITH A MINIMUM CLEARANCE OF 2500mm.
 - POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
 - ALL BOLTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
 - REFER TO DESIGNER SAFETY REPORT D21/48690 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

ITEM	DESCRIPTION	DRG. No	STOCK CODE	QTY
8	STEP - POLE, SCREW-IN (SEE NOTE 3)	250144	185198	A/R
7	CLAMP - SUPPORT, ARMOUR GRIP (TO SUIT CONDUCTOR)	514132		3
6	INSULATOR - 22kV POST, CLAMP TOP, MOUNTED ON GAIN BASE BRACKET		178293	3
5	WASHER - FLAT, M20, GALVANISED	518081	177986	6
4	WASHER - CONICAL, M20, GALVANISED	518082	H39655	6
3	WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)	518081	H39231	12
2	BOLT & NUT - M20, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		6
1	POLE - TIMBER (AS REQUIRED)	513988		1

ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE. DO NOT SCALE.

CAD DRAWING
DO NOT MANUALLY AMEND
A M E N D M E N T S
DWN: PATRICIA RIOS
CHKD: PHILLIP JONES
DATE: 14/01/2020
NOTES AMENDED
MATERIAL LIST UPDATED.

APPD by: GLENN FORD
DWN: PATRICIA RIOS
CHKD: PHILLIP JONES
DATE: 18/02/2021
NOTES AMENDED
MATERIAL LIST UPDATED.

APPD by: GLENN FORD

NETWORK STANDARD

145 NEWCASTLE RD WALLSEND,
NSW 2287

SCALE	1:20	STANDARD CONSTRUCTION		
DESIGNED	PHIL JONES	22kV VERTICAL		
DRAWN	PATRICIA RIOS	CONSTRUCTION		
CHECKED	PHIL JONES	3-240		
APPROVED	STEPHEN CONNOR			
DATE	12/09/07			
PROJECT NUMBER	STD			
PROJTRAK NUMBER	-	SIZE	DRAWING No	SHEET
		A3	184957	01
				AMD
				2