



NOTES :

1. THE FOLLOWING INFORMATION IS OBTAINED FROM THE PROJECT DESIGN DRAWINGS:
 - a. POLE LENGTH AND STRENGTH.
 - b. SPECIAL FOUNDATION REQUIREMENTS.
 - c. POLE EMBEDMENT DEPTH.
 - d. CONDUCTOR SIZE.
 - e. STAY REQUIREMENTS.
 - f. DEVIATION ANGLE.
 - g. ASSESSED EARTHING REQUIREMENTS.
2. THE MAXIMUM LINE DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANGEMENT IS TO BE DETERMINED BY THE LINE DESIGNER.
3. POLE STEPS ARE TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NS128.
4. 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.
5. POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
6. ALL BOLTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
7. REFER TO DESIGNER SAFETY REPORT D21/48679 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 AMENDMENTS 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.

NETWORK STANDARD

 145 NEWCASTLE RD WALLSEND,
 NSW 2287

SCALE	1:20	STANDARD CONSTRUCTION		
DESIGNED	PHIL JONES	22kV VERTICAL DELTA		
DRAWN	PATRICIA RIOS	CONSTRUCTION		
CHECKED	PHIL JONES	3-200		
APPROVED	STEPHEN CONNOR			
DATE	12/09/07			
PROJECT NUMBER	STD			
PROJTRAK NUMBER		SIZE	DRAWING No	SHEET
		A3	184958	01
				AMD
				2