

A

B

C

D

E

F

A

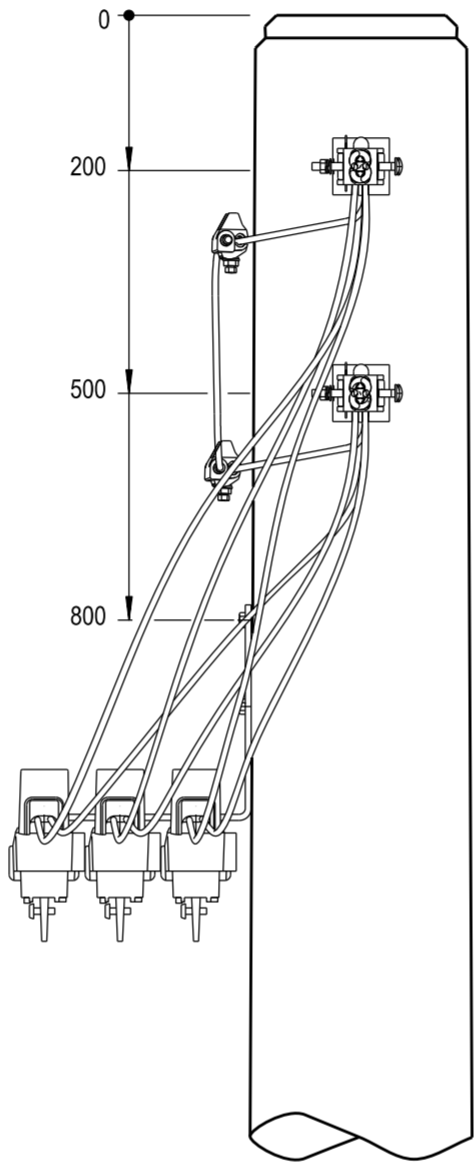
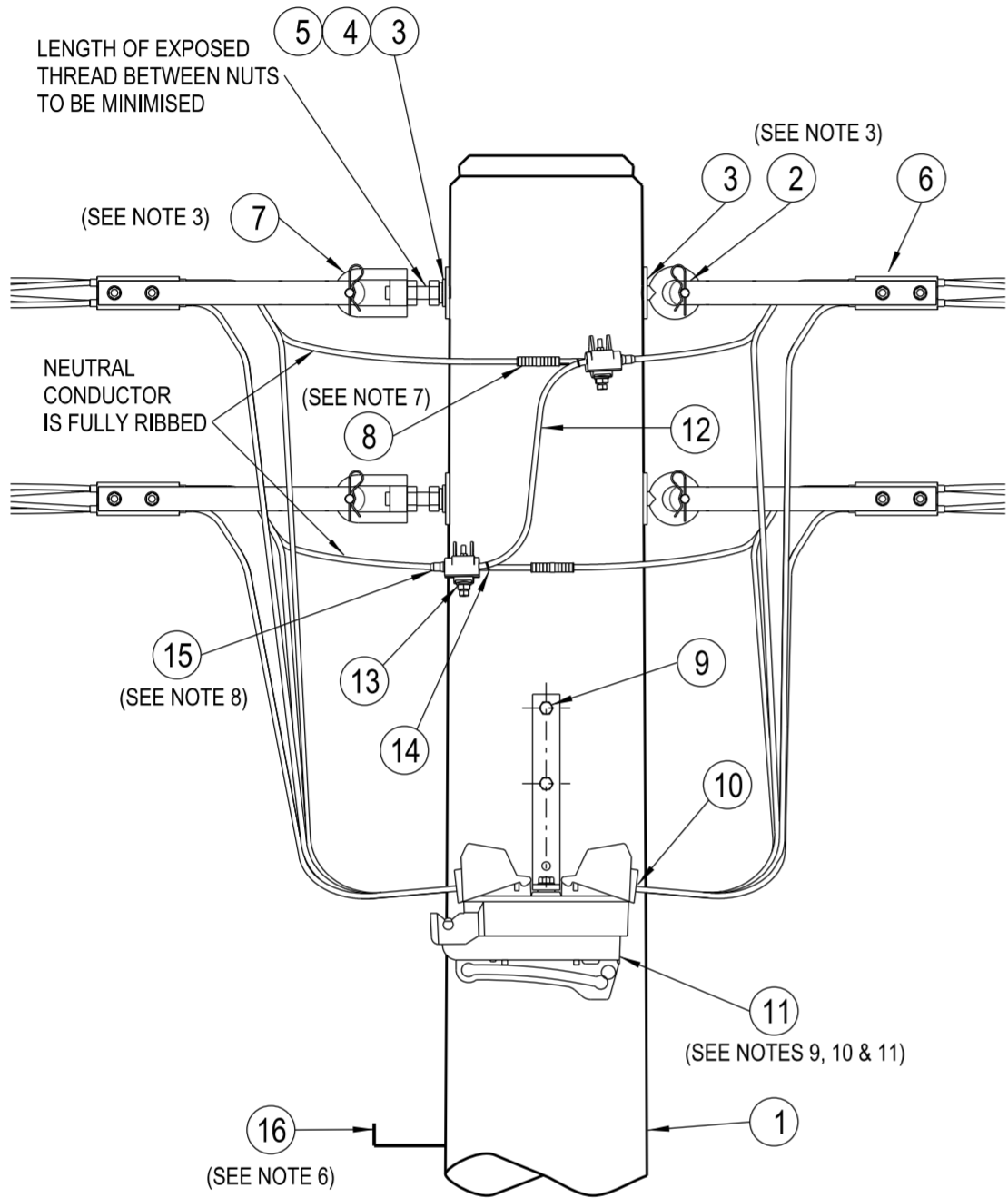
B

C

D

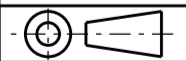
E

F



- 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.
 - THE MAXIMUM LINE DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANGEMENT IS TO BE DETERMINED BY THE LINE DESIGNER.
 - THE LOAD AND DEVIATION ALLOWABLE ON THE EYEBOLT AND EYENUT ASSEMBLY IS TO BE DETERMINED FROM DRG : 520331.
 - 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.
 - POLE STEPS ARE TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NS128.
 - PRE-INSULATED ALUMINIUM COMPRESSION SLEEVES TO BE USED WHEN REQUIRED TO JOIN CONDUCTORS.
 - INSTALL PUSH ON END CAPS ON THE ENDS OF THE NEUTRAL BRIDGING CABLE WHEN PARALLEL FEEDER CABLES ARE ERECTED.
 - THE MINIMUM DISTANCE BETWEEN THE LV CONDUCTORS AND THE TOP MOUNTING HOLE OF THE LINK/ISOLATING SWITCH BRACKET IS TO BE MAINTAINED AT 600mm FOR A SINGLE CIRCUIT AND 300mm FOR PARALLEL CIRCUITS.
 - WHEN THE POLE IS LOCATED NEAR THE PROPERTY BOUNDARY THE FUSE/LINK SWITCH IS TO BE LOCATED ON THE ROAD SIDE OF THE POLE. WHEN THE POLE IS LOCATED NEAR THE KERB THE FUSE/LINK SWITCH IS TO BE LOCATED ON THE PROPERTY SIDE OF THE POLE.
 - THE LV ABC FUSE/LINK DISCONNECTOR KIT WILL COMPRISE THE FOLLOWING COMPONENTS :
 - 3 x KGH 400 SINGLE POLE FUSE/LINK SWITCHES
 - 3 x 400A CONNECTING LINKS
 - 1 x UNIVERSAL POLE MOUNTING BRACKET
 - REFER TO DESIGNER SAFETY REPORT D20/250376 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

16	STEP - POLE, SCREW-IN (SEE NOTE 6)	250144	185198	A/R	A/R
15	CAP - END, PUSH ON (TO SUIT 25mm ² LV ABC) (SEE NOTE 8)		H109447	-	2
	CAP - END, PUSH ON (TO SUIT 95mm ² & 150mm ² LV ABC) (SEE NOTE 8)		H77222	-	2
14	TIE - CABLE, 382x7.5mm, BLACK, PVC		59907	-	2
13	CONNECTOR - INSULATION PIERCING, 25-95mm ² TO 6-25mm ²		73593	-	2
	CONNECTOR - INSULATION PIERCING, 95-150mm ² TO 95-150mm ²		176591	-	2
12	CONDUCTOR - OVERHEAD, TAPPINGS (TO SUIT CONDUCTOR SIZE)			-	1m
11	DISCONNECTOR - FUSE/LINK, LV ABC, KIT (SEE NOTES 9, 10 & 11)		185818	1	1
10	LUG - COMPRESSION, BI-METALLIC, PRE-INSULATED (TO SUIT CONDUCTOR)	514053		6	12
9	SCREW - COACH, M16x100mm, GALVANISED		H40662	2	2
8	SLEEVE - COMPRESSION, NON TENSION, PRE-INSULATED (TO SUIT 95mm ² LV ABC) (SEE NOTE 7)	514053	H19073	1	2
	SLEEVE - COMPRESSION, PRE-INSULATED (TO SUIT 150mm ² LV ABC) (SEE NOTE 7)	514053	150987		
	SLEEVE - COMPRESSION, NON TENSION, PRE-INSULATED (TO SUIT 25mm ² LV ABC) (SEE NOTE 7)	514053	176654		
7	EYENUT - M20, GALVANISED (SEE NOTE 3)	513951	H38853	1	2
6	CLAMP - TERMINATION (TO SUIT 2x25mm ² OR 4x25mm ² LV ABC)		H113464	2	4
	CLAMP - TERMINATION (TO SUIT 2x95mm ² OR 4x95mm ² LV ABC)		176651		
	CLAMP - TERMINATION (TO SUIT 4x150mm ² LV ABC)		176652		
5	WASHER - FLAT, M20, GALVANISED	518081	177986	1	2
4	WASHER - CONICAL, M20, GALVANISED	518082	H39655	1	2
3	WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)	518081	H39231	2	4
2	EYEBOLT - M20, GALVANISED (LENGTH TO SUIT POLE) (SEE NOTE 3)	513653		1	2
1	POLE - TIMBER (AS REQUIRED)	513988		1	1
ITEM	DESCRIPTION	DRG. No	STOCK CODE	SINGLE CABLE	PARALLEL CABLE
				QTY	



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: 19/06/2020 DISCONNECTOR AMENDED, NOTES 11 & 12 ADDED.		APPD by: GLENN FORD DWN: P.R. CHKD: P.J. APPD: G.F. DATE: 29/05/2025 ITEM 9 AMENDED.			
16	17					
20mm EYEBOLT AND EYENUT ASSEMBLY LOADING AND DEVIATION GRAPH						
520331						
ASSOCIATED DRAWINGS						

NETWORK STANDARD



Ausgrid

145 NEWCASTLE RD WALLSEND,
NSW 2287

SCALE	1:10	STANDARD CONSTRUCTION LV ABC THROUGH TERMINATION CONSTRUCTION WITH LINKS 1-79			
DESIGNED	-				
DRAWN	P.K				
CHECKED	D.R.G				
APPROVED	I NICHOLS				
DATE	14 / 08 / 07				
PROJECT NUMBER	NET-STD				
PROJTRAK NUMBER	STD	SIZE A2	DRAWING No 514052	SHEET 01	AMD 17