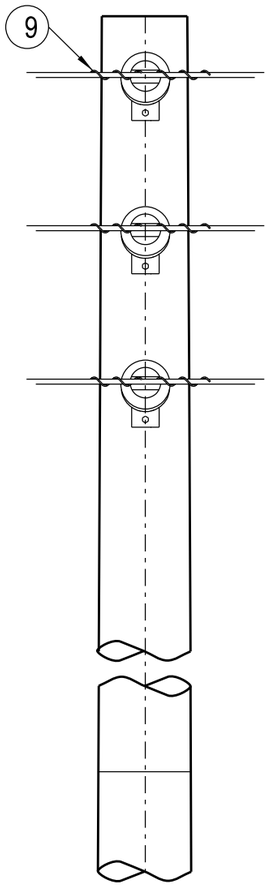

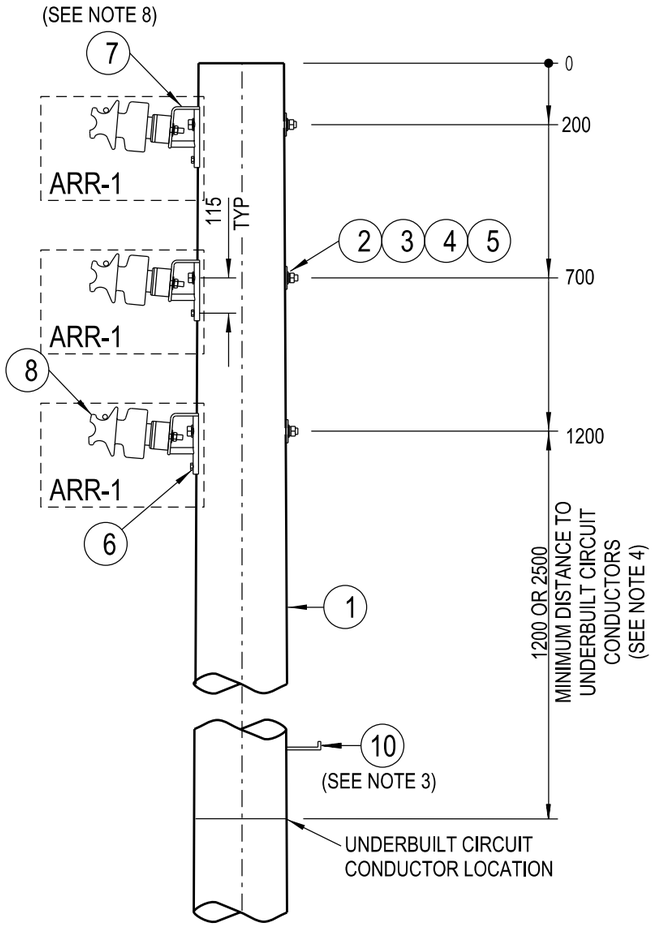

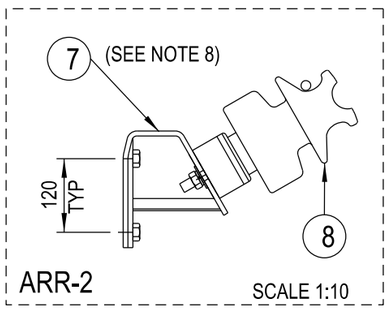

NOTES :

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. PHASE 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 NS126.
4. IN AREAS WHERE THE 11kV NETWORK CANNOT BE WORKED ON USING LIVE LINE TECHNIQUES, UNDERBUILT CIRCUITS SHALL BE INSTALLED WITH A MINIMUM CLEARANCE OF 1200mm. IN AREAS WHERE THE 11kV 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. TO MAINTAIN THE INTEGRITY OF A COVERED SYSTEM , IT IS ESSENTIAL THAT ALL STRIPPED AND PUNCTURED INSULATION IS CONTAINED WITHIN THE APPROPRIATE INSULATING COVER.
8. ARRANGEMENT 1 OF THIS STRUCTURE IS DESIGNED FOR USE WHERE THE LINE DEVIATION ANGLE IS LESS THAN 10°. ARRANGEMENT 2 OF THIS STRUCTURE IS DESIGNED FOR USE WHERE THE LINE DEVIATION ANGLE IS BETWEEN 10° AND 30°.
9. SURGE ARRESTERS ARE TO BE INSTALLED ON AN OVERHEAD CCT CONDUCTOR SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF NS126. IF A SURGE ARRESTER IS TO BE INSTALLED ON THIS CONSTRUCTION, IT IS TO BE INSTALLED AS PER THE RELEVANT ARRANGEMENT SPECIFIED ON DRG : 177151.

ITEM	DESCRIPTION	DRG No	STOCK CODE	QTY
10	STEP - POLE, SCREW-IN (SEE NOTE 3)	250144	185198	A/R
9	WIRE - TIE, PREFORMED, INSULATED, FOR CCT180		176312	3
	WIRE - TIE, PREFORMED, INSULATED, FOR CCT120		144600	
	WIRE - TIE, PREFORMED, INSULATED, FOR CCT80		144618	
8	INSULATOR - PIN POST, SHORT STUD		144584	3
7	BRACKET - INSULATOR, GALVANISED (FOR ARR-2) (SEE NOTE 8)		144634	3
	BRACKET - INSULATOR, GALVANISED (FOR ARR-1) (SEE NOTE 8)		144626	
6	SCREW - COACH, M16x130mm, GALVANISED		50401	3
5	WASHER - FLAT, M20, GALVANISED	518081	177986	3
4	WASHER - CONICAL, M20, GALVANISED	518082	H39655	3
3	WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)	518081	H39231	3
2	BOLT & NUT - M20, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		3
1	POLE - TIMBER (AS REQUIRED)	513988		1

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

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

3	DWN: PATRICIA RIOS CHKED: PHILLIP JONES DATE: 16/12/2019 NOTE 4 AMENDED. NOTES & MATERIAL LIST AMENDED.	APP'D by: GLENN FORD	
4	DWN: P.R. CHKD: P.J. APP'D: G.F. DATE: 21/05/2024 PIN POST INSULATORS UPDATED.		

NETWORK STANDARD
Ausgrid
145 NEWCASTLE RD WALLSEND,
NSW 2287

SCALE	1:20
DESIGNED	BRUCE CLEMENTS
DRAWN	PATRICIA RIOS
CHECKED	PHILLIP JONES
APPROVED	G SKINNER
DATE	06/08/03
PROJECT NUMBER	NET STD
PROJTRAK NUMBER	

STANDARD CONSTRUCTION
11kV VERTICAL PIN POST CONSTRUCTION
2-240 CCT

SIZE	DRAWING No	SHEET	AMD
A3	163145	01	4

20110901

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