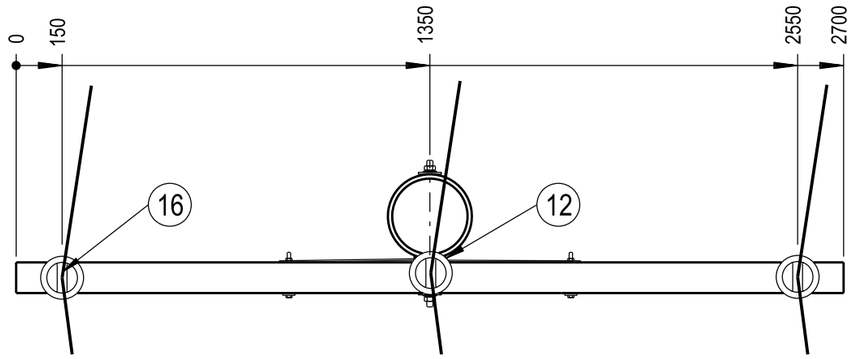

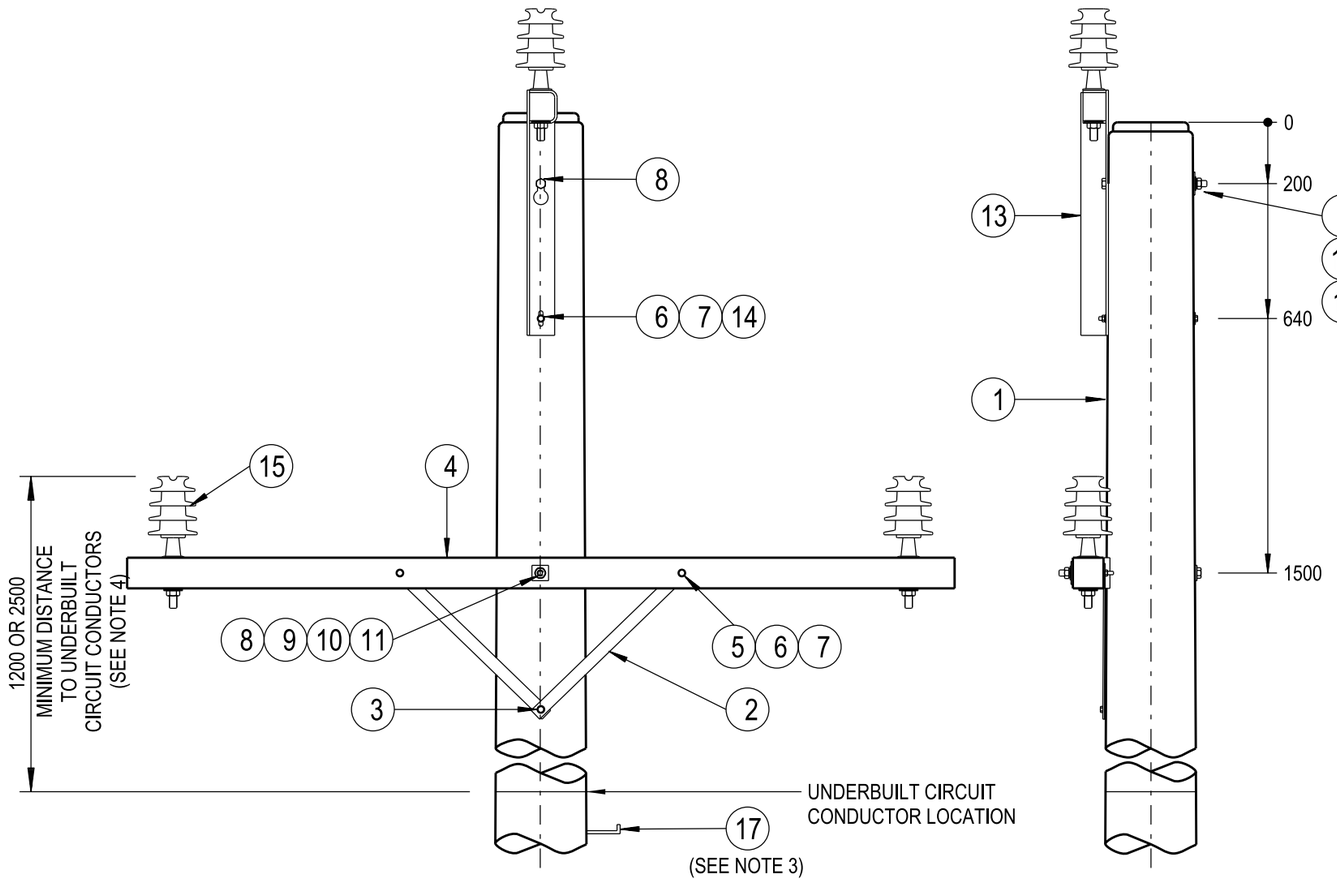

NOTES :

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. VARIATIONS TO STANDARD CROSSARM REQUIREMENTS.
   f. STAY REQUIREMENTS.
   g. DEVIATION ANGLE.
   h. 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. ALL BOLTS AND INSULATOR PINS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
6. POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
7. IF THE CONDUCTOR DEVIATES AT THE INSULATOR, USE THE ANGLE TYPE CONDUCTOR TIE ARRANGEMENT, OTHERWISE USE THE INTERMEDIATE TYPE CONDUCTOR TIE ARRANGEMENT AS SHOWN ON DRG : 514038.

ITEM	DESCRIPTION	DRG. No	STOCK CODE	QTY
17	STEP - POLE, SCREW-IN (SEE NOTE 3)	250144	185198	A/R
16	TIE - CONDUCTOR, HIGH VOLTAGE, SUPPORT ARRANGEMENT	514038		4m
15	INSULATOR - 11/22kV AERODYNAMIC, (22/450) AND PIN ARRANGEMENT	513997		3
14	BOLT & NUT - M12, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		1
13	BRACKET - POLE TOP, GALVANISED	514380	H17314	1
12	BLOCK - GAIN, ALUMINIUM, 100mm		146274	1
11	WASHER - FLAT, M20, GALVANISED	518081	177986	2
10	WASHER - CONICAL, M20, GALVANISED	518082	H39655	2
9	WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)	518081	H39231	3
8	BOLT & NUT - M20, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		2
7	WASHER - CONICAL, M12, GALVANISED	518082	H39639	3
6	WASHER - FLAT, M12, GALVANISED	518081	177982	6
5	BOLT & NUT - M12x130mm, HEX., GALVANISED	515466	46805	2
4	CROSSARM - 2700x100x100mm, TYPE B, HARDWOOD	514373	H23884	1
3	SCREW - COACH, M12x100mm, GALVANISED		H40484	1
2	BRACE - CROSSARM, FLAT, 690mm, GALVANISED	514385	H17738	2
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.	CHKED.	DATE	APP'D by
9	PATRICIA RIOS	PHIL JONES	03/09/2007 NOTE 4 AMENDED.	STEPHEN CONNOR
10	PATRICIA RIOS	PHILLIP JONES	16/08/2019 M20 WASHER ADDED. NOTES & MATERIAL LIST AMENDED.	GLENN FORD

NETWORK STANDARD
Ausgrid
145 NEWCASTLE RD WALLSEND,
NSW 2287

SCALE	1:20
DESIGNED	-
DRAWN	PETER SAUNDERS
CHECKED	P.A.S
APPROVED	G SKINNER
DATE	12/06/96
PROJECT NUMBER	STD
PROJTRAK NUMBER	-

STANDARD CONSTRUCTION
11kV LARGE DELTA CONSTRUCTION
2-7

SIZE	DRAWING No	SHEET	AMD
A3	513913	01	10

20110901
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