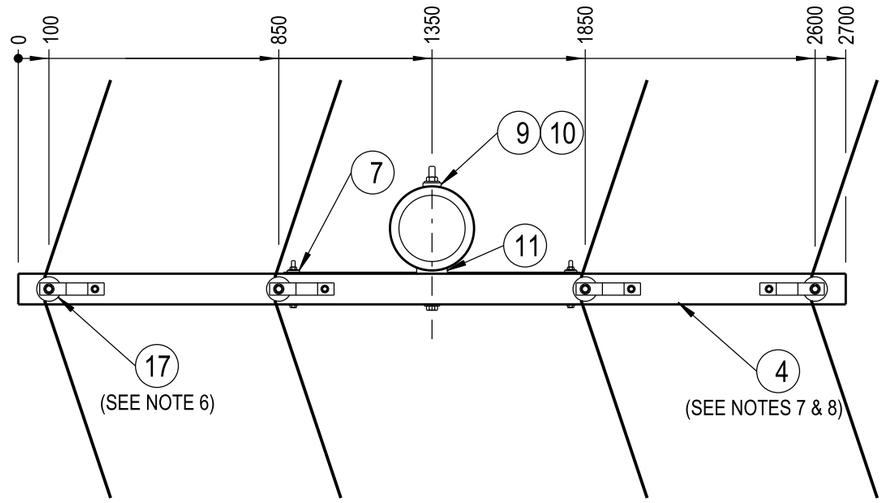

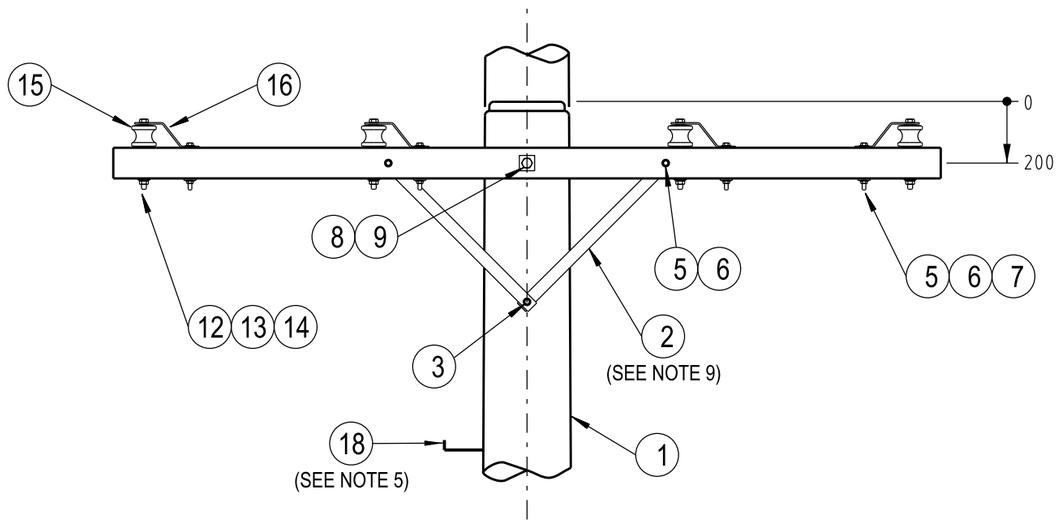

NOTES :

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. CROSSARM SIZE AND BRACE REQUIREMENTS.
   f. STAY REQUIREMENTS.
   g. DEVIATION ANGLE.
2. ALL BOLTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
3. THE MAXIMUM LINE DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANGEMENT IS TO BE DETERMINED BY THE LINE DESIGNER.
4. POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
5. POLE STEPS ARE TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NS125.
6. 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 : 514044.
7. A 2700mm CROSSARM IS TO BE USED AS THE DEFAULT CROSSARM. FOR NARROW FEEDER ALIGNMENTS, A SMALLER CROSSARM MAY BE CONSIDERED TO OVERCOME DESIGN AND SITE CONSTRAINTS.
8. ONLY THE 2700mm CROSSARM OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING. REFER TO DRGS: 514374 AND 15233 FOR DRILLING PATTERN OF ALTERNATE CROSSARMS.
9. THE 690mm CROSSARM BRACES ARE TO BE USED ON A 2700mm AND 2100mm CROSSARM. THE 490mm CROSSARM BRACES ARE TO BE USED ON A 2400mm CROSSARM.

ITEM	DESCRIPTON	DRG.NO	STOCK CODE	QTY
18	STEP - POLE, SCREW-IN (SEE NOTE 5)	250144	185198	A/R
17	TIE - CONDUCTOR, LOW VOLTAGE, SUPPORT ARRANGEMENT	514044		5m
16	BRACKET - MOUNTING, LV SUPPORTED SHACKLE, GALVANISED	514379	H17330	4
15	INSULATOR - SHACKLE, REEL, TYPE SH.LV2	514407	75812	4
14	WASHER - CONICAL, M16, GALVANISED	518082	H39647	4
13	WASHER - FLAT, M16, GALVANISED	518081	177984	4
12	BOLT & NUT - M16x240mm, HEX., GALVANISED	515466	H37344	4
11	BLOCK - GAIN, ALUMINIUM, 100mm		146274	1
10	WASHER - CONICAL, M20, GALVANISED	518082	H39655	1
9	WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)	518081	H39231	2
8	BOLT & NUT - M20, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		1
7	WASHER - CONICAL, M12, GALVANISED	518082	H39639	6
6	WASHER - FLAT, M12, GALVANISED	518081	177982	6
5	BOLT & NUT - M12x130mm, HEX., GALVANISED	515466	46805	6
4	CROSSARM - 2100x100x100mm, TYPE A, HARDWOOD (SEE NOTES 7 & 8)	514374	H23818	1
	CROSSARM - 2400x100x75mm, TYPE L3, HARDWOOD (SEE NOTES 7 & 8)	15233	89912	
	CROSSARM - 2700x100x100mm, TYPE D, HARDWOOD (SEE NOTES 7 & 8)	514373	H23868	
3	SCREW - COACH, M12x100mm, GALVANISED		H40484	1
2	BRACE - CROSSARM, FLAT, TYPE L, 490mm, GALVANISED (SEE NOTE 9)	46	76745	2
	BRACE - CROSSARM, FLAT, 690mm, GALVANISED (SEE NOTE 9)	514385	H17738	
1	POLE (AS REQUIRED)	513988		1

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

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

11 DWN: PATRICIA RIOS | CHKED: PHIL JONES | DATE: 04/07/2007 MATERIAL LIST & NOTES AMENDED. DIMENSIONS ADDED. | APP'D by: GLENN FORD | DWN: GARRY CRAIG | CHKD: GARRY CRAIG | APP'D: GLENN FORD

12 DATE: 23/06/2014 AUSGRID BORDER APPLIED.

13 DWN: PATRICIA RIOS | CHKED: PHILLIP JONES | DATE: 20/12/2018 NOTES & MATERIAL LIST AMENDED. OPTIONS ADDED FOR ITEMS 2 & 4. | APP'D by: GLENN FORD

NETWORK STANDARD
Ausgrid

145 NEWCASTLE RD WALLSEND,
NSW 2287

SCALE	1:20
DESIGNED	-
DRAWN	PETER SAUNDERS
CHECKED	-
APPROVED	ROBERT BREMMELL
DATE	19/03/96
PROJECT NUMBER	NET-STD
PROJTRAK NUMBER	STD

STANDARD CONSTRUCTION
LV ANGLE CONSTRUCTION
1-3

SIZE A3 | DRAWING No 513902 | SHEET 01 | AMD 13

20110901