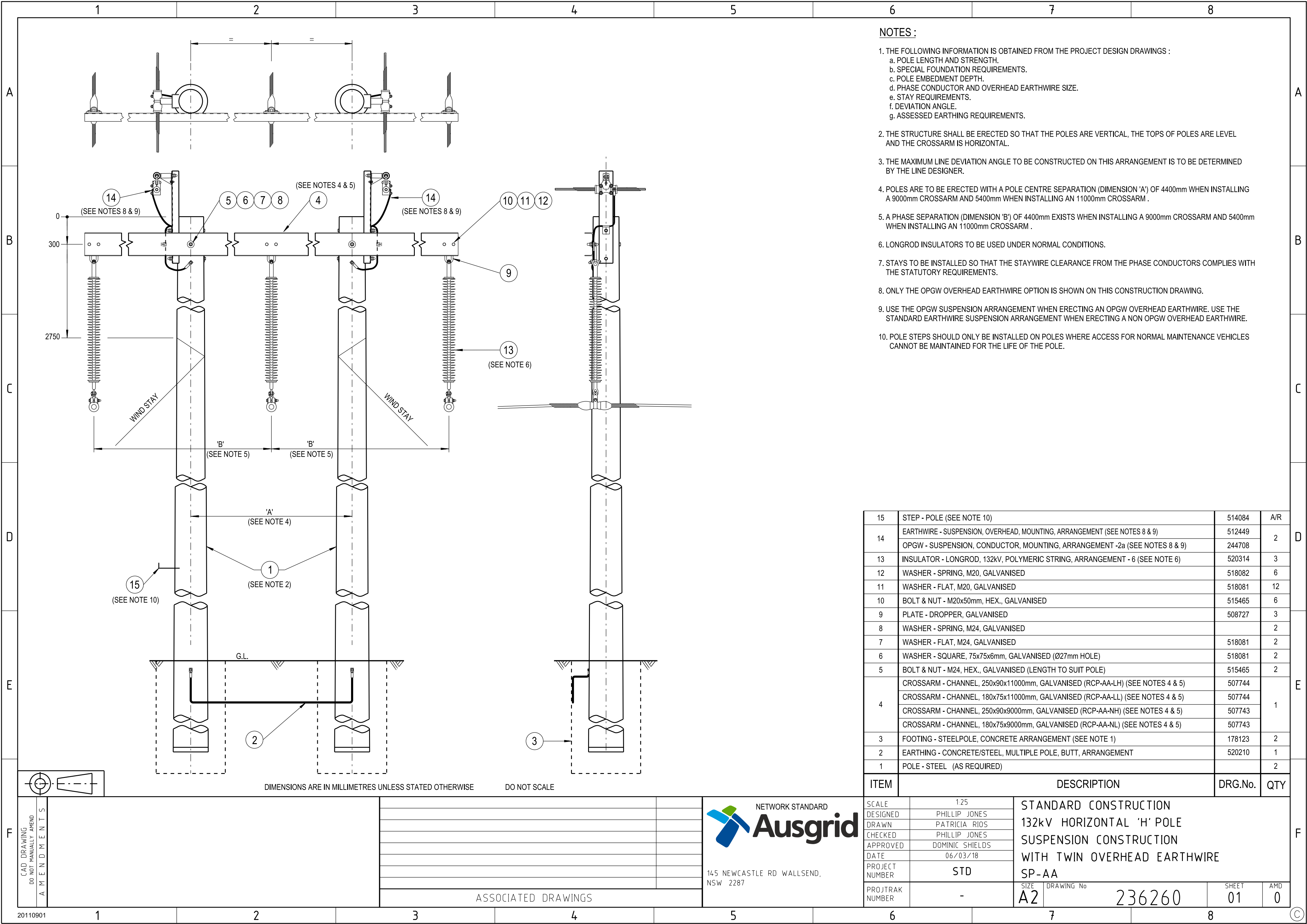




- NOTES :**
- THE FOLLOWING INFORMATION IS OBTAINED FROM THE PROJECT DESIGN DRAWINGS :
 - POLE LENGTH AND STRENGTH.
 - SPECIAL FOUNDATION REQUIREMENTS.
 - POLE EMBEDMENT DEPTH.
 - PHASE CONDUCTOR AND OVERHEAD EARTHWIRE SIZE.
 - STAY REQUIREMENTS.
 - DEVIATION ANGLE.
 - ASSESSED EARTHING REQUIREMENTS.
 - THE STRUCTURE SHALL BE ERECTED SO THAT THE POLES ARE VERTICAL, THE TOPS OF POLES ARE LEVEL AND THE CROSSARM IS HORIZONTAL.
 - THE MAXIMUM LINE DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANGEMENT IS TO BE DETERMINED BY THE LINE DESIGNER.
 - POLES ARE TO BE ERECTED WITH A POLE CENTRE SEPARATION (DIMENSION 'A') OF 4400mm WHEN INSTALLING A 9000mm CROSSARM AND 5400mm WHEN INSTALLING AN 11000mm CROSSARM .
 - A PHASE SEPARATION (DIMENSION 'B') OF 4400mm EXISTS WHEN INSTALLING A 9000mm CROSSARM AND 5400mm WHEN INSTALLING AN 11000mm CROSSARM .
 - LONGROD INSULATORS TO BE USED UNDER NORMAL CONDITIONS.
 - STAYS TO BE INSTALLED SO THAT THE STAYWIRE CLEARANCE FROM THE PHASE CONDUCTORS COMPLIES WITH THE STATUTORY REQUIREMENTS.
 - ONLY THE OPGW OVERHEAD EARTHWIRE OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING.
 - USE THE OPGW SUSPENSION ARRANGEMENT WHEN ERECTING AN OPGW OVERHEAD EARTHWIRE. USE THE STANDARD EARTHWIRE SUSPENSION ARRANGEMENT WHEN ERECTING A NON OPGW OVERHEAD EARTHWIRE.
 - POLE STEPS SHOULD ONLY BE INSTALLED ON POLES WHERE ACCESS FOR NORMAL MAINTENANCE VEHICLES CANNOT BE MAINTAINED FOR THE LIFE OF THE POLE.

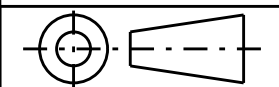
15	STEP - POLE (SEE NOTE 10)	514084	A/R
14	EARTHWIRE - SUSPENSION, OVERHEAD, MOUNTING, ARRANGEMENT (SEE NOTES 8 & 9)	512449	2
	OPGW - SUSPENSION, CONDUCTOR, MOUNTING, ARRANGEMENT -2a (SEE NOTES 8 & 9)	244708	
13	INSULATOR - LONGROD, 132kV, POLYMERIC STRING, ARRANGEMENT - 6 (SEE NOTE 6)	520314	3
12	WASHER - SPRING, M20, GALVANISED	518082	6
11	WASHER - FLAT, M20, GALVANISED	518081	12
10	BOLT & NUT - M20x50mm, HEX., GALVANISED	515465	6
9	PLATE - DROPPER, GALVANISED	508727	3
8	WASHER - SPRING, M24, GALVANISED		2
7	WASHER - FLAT, M24, GALVANISED	518081	2
6	WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø27mm HOLE)	518081	2
5	BOLT & NUT - M24, HEX., GALVANISED (LENGTH TO SUIT POLE)	515465	2
4	CROSSARM - CHANNEL, 250x90x11000mm, GALVANISED (RCP-AA-LH) (SEE NOTES 4 & 5)	507744	1
	CROSSARM - CHANNEL, 180x75x11000mm, GALVANISED (RCP-AA-LL) (SEE NOTES 4 & 5)	507744	
	CROSSARM - CHANNEL, 250x90x9000mm, GALVANISED (RCP-AA-NH) (SEE NOTES 4 & 5)	507743	
	CROSSARM - CHANNEL, 180x75x9000mm, GALVANISED (RCP-AA-NL) (SEE NOTES 4 & 5)	507743	
3	FOOTING - STEELPOLE, CONCRETE ARRANGEMENT (SEE NOTE 1)	178123	2
2	EARTHING - CONCRETE/STEEL, MULTIPLE POLE, BUTT, ARRANGEMENT	520210	1
1	POLE - STEEL (AS REQUIRED)		2

ITEM	DESCRIPTION	DRG.No.	QTY
SCALE	1:25	STANDARD CONSTRUCTION 132kV HORIZONTAL 'H' POLE SUSPENSION CONSTRUCTION WITH TWIN OVERHEAD EARTHWIRE SP-AA	
DESIGNED	PHILLIP JONES		
DRAWN	PATRICIA RIOS		
CHECKED	PHILLIP JONES		
APPROVED	DOMINIC SHIELDS		
DATE	06/03/18		
PROJECT NUMBER	STD		
PROJTRAK NUMBER	-	SIZE A2	DRAWING No 236260
		SHEET 01	AMD 0

ASSOCIATED DRAWINGS



145 NEWCASTLE RD WALLSEND,
NSW 2287



CAD DRAWING
DO NOT MANUALLY AMEND
AMENDMENTS

20110901