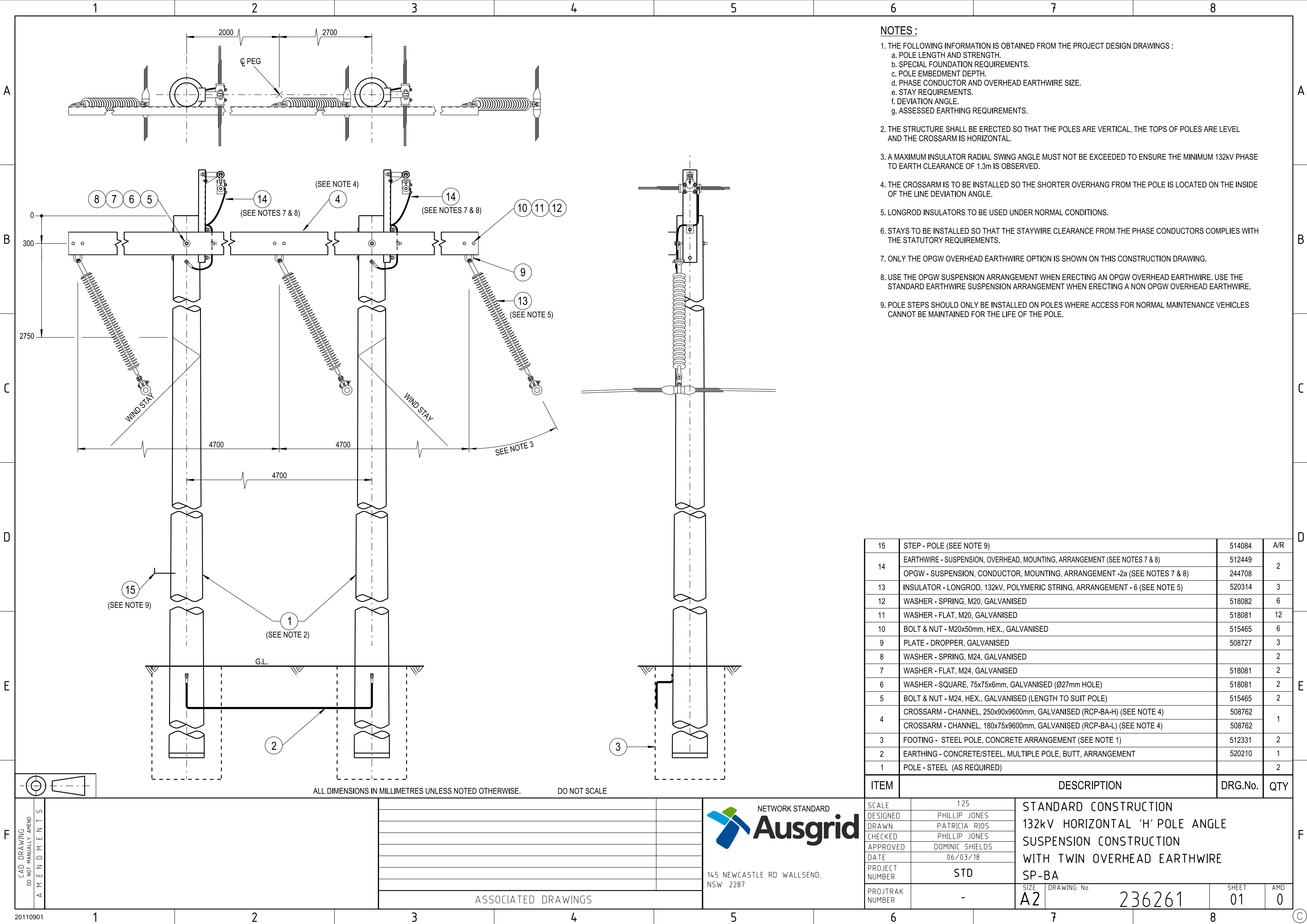




- NOTES :**
- 1. THE FOLLOWING INFORMATION IS OBTAINED FROM THE PROJECT DESIGN DRAWINGS :
 - a. POLE LENGTH AND STRENGTH.
 - b. SPECIAL FOUNDATION REQUIREMENTS.
 - c. POLE EMBEDMENT DEPTH.
 - d. PHASE CONDUCTOR AND OVERHEAD EARTHWIRE SIZE.
 - e. STAY REQUIREMENTS.
 - f. DEVIATION ANGLE.
 - g. ASSESSED EARTHING REQUIREMENTS.
 - 2. THE STRUCTURE SHALL BE ERECTED SO THAT THE POLES ARE VERTICAL, THE TOPS OF POLES ARE LEVEL AND THE CROSSARM IS HORIZONTAL.
 - 3. A MAXIMUM INSULATOR RADIAL SWING ANGLE MUST NOT BE EXCEEDED TO ENSURE THE MINIMUM 132kV PHASE TO EARTH CLEARANCE OF 1.3m IS OBSERVED.
 - 4. THE CROSSARM IS TO BE INSTALLED SO THE SHORTER OVERHANG FROM THE POLE IS LOCATED ON THE INSIDE OF THE LINE DEVIATION ANGLE.
 - 5. LONGROD INSULATORS TO BE USED UNDER NORMAL CONDITIONS.
 - 6. STAYS TO BE INSTALLED SO THAT THE STAYWIRE CLEARANCE FROM THE PHASE CONDUCTORS COMPLIES WITH THE STATUTORY REQUIREMENTS.
 - 7. ONLY THE OPGW OVERHEAD EARTHWIRE OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING.
 - 8. USE THE OPGW SUSPENSION ARRANGEMENT WHEN ERECTING AN OPGW OVERHEAD EARTHWIRE. USE THE STANDARD EARTHWIRE SUSPENSION ARRANGEMENT WHEN ERECTING A NON OPGW OVERHEAD EARTHWIRE.
 - 9. 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 9)	514084	A/R
14	EARTHWIRE - SUSPENSION, OVERHEAD, MOUNTING, ARRANGEMENT (SEE NOTES 7 & 8)	512449	2
	OPGW - SUSPENSION, CONDUCTOR, MOUNTING, ARRANGEMENT -2a (SEE NOTES 7 & 8)	244708	
13	INSULATOR - LONGROD, 132kV, POLYMERIC STRING, ARRANGEMENT - 6 (SEE NOTE 5)	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, 250x90x9600mm, GALVANISED (RCP-BA-H) (SEE NOTE 4)	508762	1
	CROSSARM - CHANNEL, 180x75x9600mm, GALVANISED (RCP-BA-L) (SEE NOTE 4)	508762	
3	FOOTING - STEEL POLE, CONCRETE ARRANGEMENT (SEE NOTE 1)	512331	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 ANGLE SUSPENSION CONSTRUCTION WITH TWIN OVERHEAD EARTHWIRE SP-BA	
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	236261
SHEET	01	AMD	0

CAD DRAWING DO NOT MANUALLY AMEND AMENDMENTS									
ASSOCIATED DRAWINGS									

NETWORK STANDARD



145 NEWCASTLE RD WALLSEND,
NSW 2287