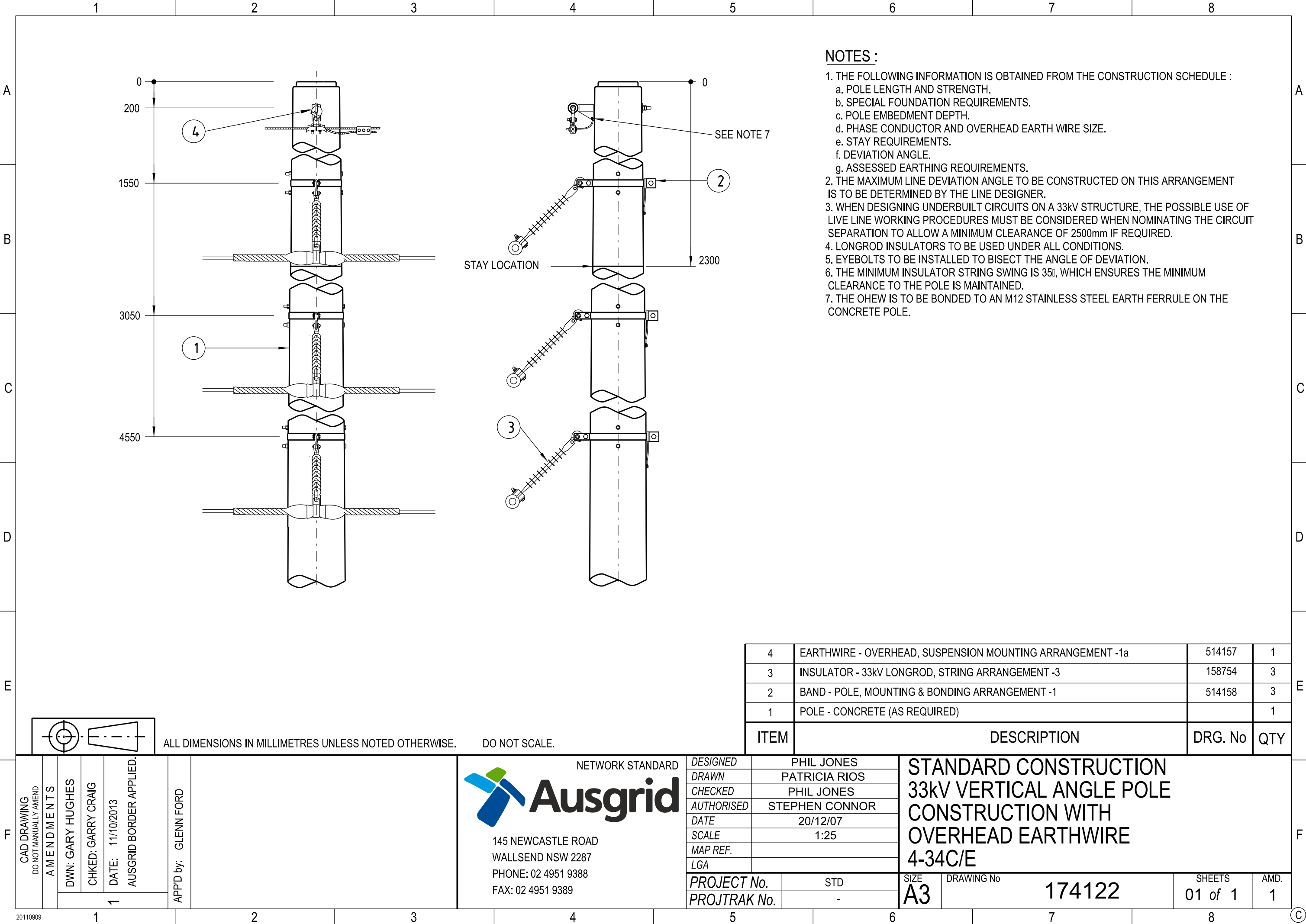




NOTES :

1. THE FOLLOWING INFORMATION IS OBTAINED FROM THE CONSTRUCTION SCHEDULE :
 - a. POLE LENGTH AND STRENGTH.
 - b. SPECIAL FOUNDATION REQUIREMENTS.
 - c. POLE EMBEDMENT DEPTH.
 - d. PHASE CONDUCTOR AND OVERHEAD EARTH WIRE 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. WHEN DESIGNING UNDERBUILT CIRCUITS ON A 33kV STRUCTURE, THE POSSIBLE USE OF LIVE LINE WORKING PROCEDURES MUST BE CONSIDERED WHEN NOMINATING THE CIRCUIT SEPARATION TO ALLOW A MINIMUM CLEARANCE OF 2500mm IF REQUIRED.
4. LONGROD INSULATORS TO BE USED UNDER ALL CONDITIONS.
5. EYEBOLTS TO BE INSTALLED TO BISECT THE ANGLE OF DEVIATION.
6. THE MINIMUM INSULATOR STRING SWING IS 35°, WHICH ENSURES THE MINIMUM CLEARANCE TO THE POLE IS MAINTAINED.
7. THE OHEW IS TO BE BONDED TO AN M12 STAINLESS STEEL EARTH FERRULE ON THE CONCRETE POLE.

4	EARTHWIRE - OVERHEAD, SUSPENSION MOUNTING ARRANGEMENT -1a	514157	1
3	INSULATOR - 33kV LONGROD, STRING ARRANGEMENT -3	158754	3
2	BAND - POLE, MOUNTING & BONDING ARRANGEMENT -1	514158	3
1	POLE - CONCRETE (AS REQUIRED)		1

ITEM	DESCRIPTION	DRG. No	QTY
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DESIGNED	PHIL JONES
DRAWN	PATRICIA RIOS
CHECKED	PHIL JONES
AUTHORISED	STEPHEN CONNOR
DATE	20/12/07
SCALE	1:25
MAP REF.	
LGA	

PROJECT No.	STD
PROJTRAK No.	-

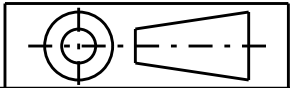
STANDARD CONSTRUCTION
33kV VERTICAL ANGLE POLE
CONSTRUCTION WITH
OVERHEAD EARTHWIRE
4-34C/E

SIZE	DRAWING No	SHEETS	AMD.
A3	174122	01 of 1	1

NETWORK STANDARD

Ausgrid

145 NEWCASTLE ROAD
WALLSEND NSW 2287
PHONE: 02 4951 9388
FAX: 02 4951 9389



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

CAD DRAWING DO NOT MANUALLY AMEND	AMENDMENTS	DWN: GARY HUGHES CHKD: GARY CRAIG DATE: 11/10/2013 AUSGRID BORDER APPLIED.	APP'D by: GLENN FORD
1			