



- NOTES :**
- THE FOLLOWING INFORMATION IS OBTAINED FROM THE CONSTRUCTION SCHEDULE :
    - POLE LENGTH AND STRENGTH.
    - SPECIAL FOUNDATION REQUIREMENTS.
    - POLE EMBEDMENT DEPTH.
    - PHASE CONDUCTOR AND OVERHEAD EARTH WIRE SIZE.
    - VARIATIONS TO STANDARD CROSSARM REQUIREMENTS.
    - STAY REQUIREMENTS.
    - DEVIATION ANGLE.
    - ASSESSED EARTHING REQUIREMENTS.
  - THE MAXIMUM LINE DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANGEMENT IS TO BE DETERMINED BY THE LINE DESIGNER.
  - 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.
  - THE OHEW IS TO BE BONDED TO AN M12 STAINLESS STEEL EARTH FERRULE ON THE CONCRETE POLE

DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. DO NOT SCALE.

3	EARTHWIRE - OVERHEAD, SUSPENSION ARRANGEMENT -4a	514157	1
2	INSULATOR - 66KV HORIZONTAL LINE POST, MOUNTING & BONDING ARRANGEMENT -3a	514161	3
1	POLE - CONCRETE (AS REQUIRED)		1
ITEM	DESCRIPTION	DRG. No	QTY

CAD DRAWING  
DO NOT MANUALLY AMEND  
AMENDMENTS  
DWN: GARY HUGHES  
CHKD: GARRY CRAIG  
DATE: 15/10/2013  
AUSGRID BORDER APPLIED.  
APP'D by: GLENN FORD

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

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.	STD

**STANDARD CONSTRUCTION  
33kV VERTICAL CONSTRUCTION  
WITH OVERHEAD EARTHWIRE  
4-248C/E**

SIZE	DRAWING No	SHEETS	AMD.
<b>A3</b>	<b>185514</b>	<b>01 of 1</b>	<b>1</b>