



FRONT VIEW

RIGHT VIEW

FRONT ISOMETRIC VIEW

REAR ISOMETRIC VIEW

EARTHING SCHEMATIC - OPTION 1
SINGLE POINT BONDED SYSTEM
NOT TO SCALE

EARTHING SCHEMATIC - OPTION 2
CROSS BONDED SYSTEM
NOT TO SCALE

NOTE : EARTHING ARRANGEMENT OF SYSTEM

- IF BONDED END OF SINGLE POINT BONDED SYSTEM IS AT THE POLE, NO SHEATH ARRESTERS ARE REQUIRED, AND METALLIC SHEATH IS TO BE DIRECTLY BONDED TO THE EARTH BAR. REFER TO ROUTE PLAN FOR SVL AND METALLIC SHEATH BONDING REQUIREMENTS.
- FOR CROSS BONDED AND DOUBLE POINT BONDED SYSTEMS, ONLY THE ECC BETWEEN THE OPGW DEADEND AND THE EARTH BAR IS TO BE DOUBLE BOLTED, METALLIC CABLE SHEATHS TO USE A SINGLE BOLTED LUG.
- SINGLE POINT BONDED SYSTEMS REQUIRE A DOUBLE BOLTED CONNECTION FOR THE ECC CONNECTIONS TO THE EARTH BAR AND OPGW DEADEND.

CONSTRUCTION ISSUE

CAD DRAWING DO NOT MANUALLY AMEND A M E N D M E N T S	CHKD: TERRY PERKINS DATE: 25/03/2013 REDRAWN	APPD by: GLENN FORD
DWN: GARY HUGHES	DWN: PATRICIA RIOS	
CHKD: TERRY PERKINS DATE: 08/02/2015 OHEW & EARTHING CHANGED		
		APPD by: DOMINIC SHIELDS

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SCALE	150 U.N.O.
DESIGNED	ROBERT KNOWLES
DRAWN	PAUL MCEWAN
CHECKED	ROBERT KNOWLES
APPROVED	G SKINNER
DATE	02/23/05
PROJECT NUMBER	STD
PROJTRAK NUMBER	

STANDARD CONSTRUCTION	SIZE	DRAWING No	SHEET	AMD
33kV UGOH ON CONCRETE POLE	A1	166244	01	3
630mm ² to 1200mm ²				
GENERAL ARRANGEMENT				

ASSOCIATED DRAWINGS