



- Key :-**
- 8mm dia BARE COPPER CONDUCTOR INTERCONNECTING ELECTRODES BELOW GROUND
  - 35mm<sup>2</sup> GREEN / YELLOW P.V.C. SHEATHED COPPER CABLE INSTALLED BETWEEN PRIME ELECTRODE AND MAIN ELECTRICAL INTAKE
  - - - 25mm x 3mm GREY P.V.C. SHEATHED ALUMINIUM CONDUCTORS SECURED TO ROOF SURFACE WITH SLATE HOLDFASTS
  - ⚡ HELITA PULSAR No. 15 UNIT FIXED TO SALIENT CHIMNEY STACK, GIVING A RADIUS OF PROTECTION TO ENCOMPASS THE WHOLE BUILDING
  - 8mm dia. STONE P.V.C. SHEATHED ALUMINIUM DOWN CONDUCTORS SECURED TO EXTERNAL FACE OF BUILDING WITH APPROPRIATE FIXINGS
  - WALL MOUNTED BI-METALLIC TEST CLAMP
  - ⊞ 16mm dia. COPPERBOND STEEL ELECTRODE OF UNKNOWN DEPTH INSTALLED WITHIN AN INSPECTION PIT
  - ⊞ 16mm dia. COPPERBOND STEEL ELECTRODE OF UNKNOWN DEPTH BURIED 300mm BELOW GROUND LEVEL
  - ⤵ BONDING CONNECTIONS :-
  - EQ MAIN ELECTRICAL EARTH POINT
  - ⊞ 600mm X 600mm COPPER LATTICE EARTH MAT COMPLETE WITH CONDUCTAG

**Lightning Protection Services**  
 Lightning Conductor Engineers  
**LIGHTNING PROTECTION SERVICES**  
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Title : **BELSAY HALL  
 PONTELAND  
 NORTHUMBERLAND  
 NE20 0DX**

System Type Lightning Protection to B.S. 6651 : 1999

Notes:-	AS INSTALLED	Rev. Date
A	FLAGPOLE ADDED	26/02/01
B	EXISTING EARTH REMOVED	18/11/04
C	ADDITIONAL EATHING WORKS	04/10/16
D		

Drawn By	S Muir	Date	04/10/2016
Checked By	J Johnstone	Scale	N/A
Drawing No.	SM/BH/1016		