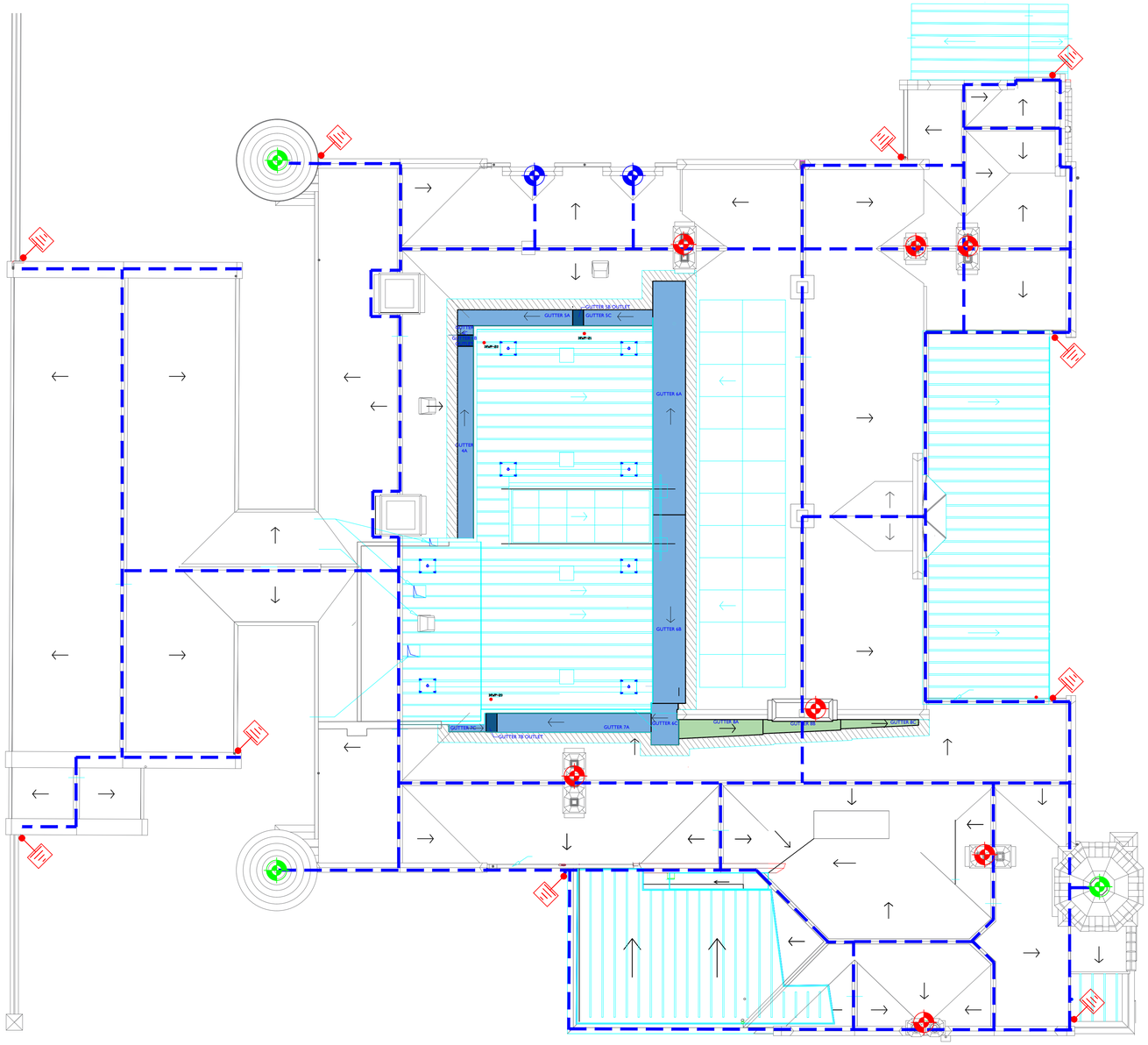
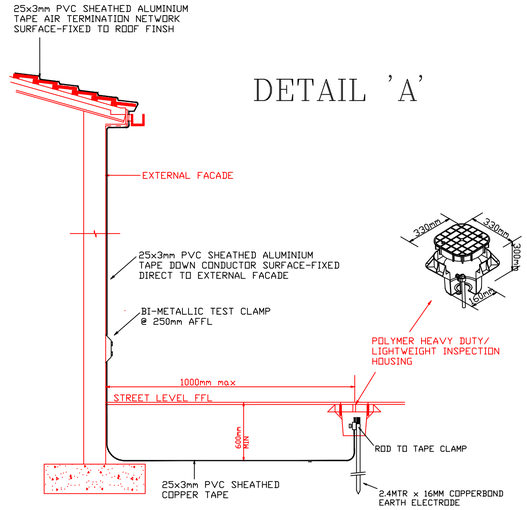
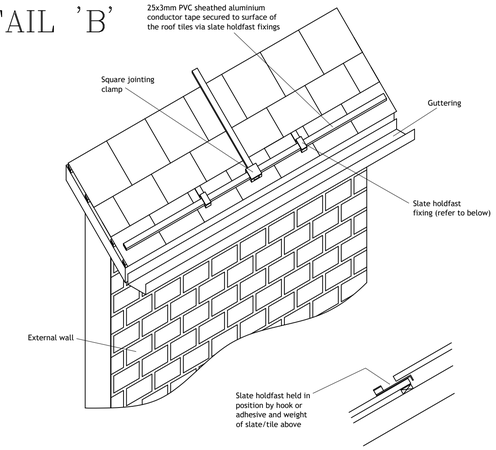


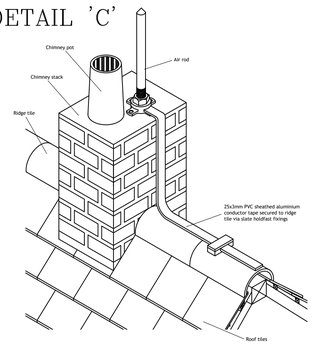
DETAIL 'A'



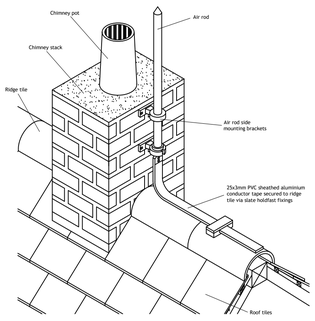
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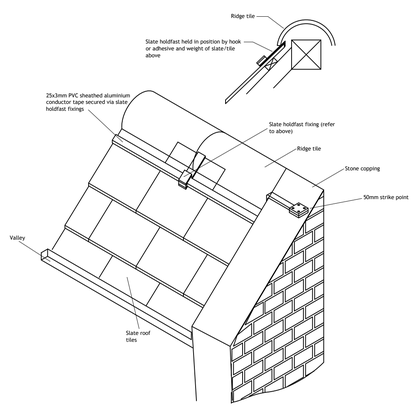
DETAIL 'C'



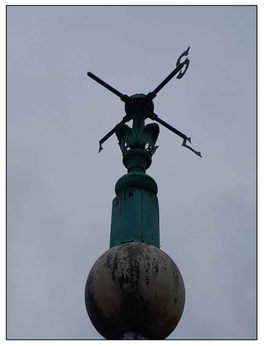
DETAIL 'D'



DETAIL 'E'



DETAIL 'F'



Notes

1) THIS STRUCTURAL LIGHTNING PROTECTION SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS OF BS EN 62305:2011 PROTECTION LEVEL 4

2) AIR TERMINATION NETWORK TO COMPRISE OF 25x3mm PVC SHEATHED SURFACE-MOUNTED TAPES FIXED TO THE STONE COPPING AND FINISHED PITCHED ROOFS.

3) DOWN CONDUCTOR POSITIONS TO COMPRISE 25x3mm PVC SHEATHED SURFACE-MOUNTED TAPES WITH DRILLED/PLUGGED FIXINGS.

4) STRUCTURAL EARTHING TO COMPRISE TYPE 'A' 2400MM VERTICALLY DRVIEN EARTH ELECTRODES. PERIODIC TESTING/MAINTENANCE TO BE UNDERTAKEN VIA THE TEST POINT LOCATED WITHIN THE INSPECTION CHAMBER FOUND AT GROUND LEVEL ADJACENT TO EACH DOWN CONDUCTOR POSITION.

Legend

- 25x3mm PVC SHEATHED ALUMINIUM DOWN CONDUCTOR POSITION/EARTH TERMINATION (DETAIL 'A')
- 25x3mm PVC SHEATHED ALUMINIUM TAPES FIXED TO THE PITCHED SLATE ROOFS/AND COPPING STONES. (DETAIL 'B')
- ALIMINIUM AIR FINIAL APPLIED TO SALIENT FEATURE/UP STAND. (DETAIL 'C' OR 'D')
- 50mm ALUMINIUM STRIKE POINT INSTALLED TO STONE COPPING . (DETAIL 'E')
- 8MM STONE PVC SHEATHED CONDUCTOR INSTALLED TO THE BACK OF THE STONE FEATURE AND CONNECTION MADE TO METALLIC WEATHER VAIN ONCE REPAIRED. (DETAIL 'F')

Rev	Date	Inits	Details
3	24.2.25	JH	MINOR CHANGES TO FEATURE STONEWORK DETAILS.
2	10.2.25	JH	MINOR CHANGES TO DESIGN FOLLOWING COMMENTS
1	13.1.25	JH	MINOR CHANGES TO DESIGN FOLLOWING COMMENTS

PTSG PREMIER TECHNICAL SERVICES GROUP PLC
Niche Specialist Service Provider
Alma House
Grimshaw Lane
Middleton
Manchester
M24 1GQ
best
Brooke Edgley Specialist Technical Services Ltd

Client: JRS MECHANICAL SERVICES LTD

Project title:
STRUCTURAL LIGHTNING PROTECTION
IN ACCORDANCE WITH BS EN 62305:2011
PROTECTION LEVEL 4

Project Name:
WREXHAM FOOTBALL MUSEUM

Location:	WREXHAM		
DWG No.	JH_GS_55319_0_SP_LP		
Date:	24.2.25	Project No:	14-10770
Drawn by:	JH	Checked by:	GS
Scale:	1:100 @ A1	Rev:	3
Status:	SYSTEM PROPOSALS		

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