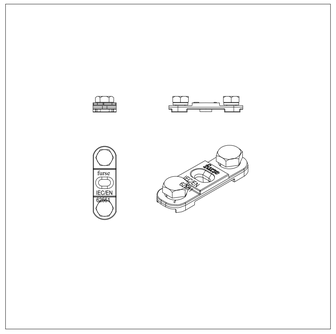
Status Selected by or on behalf of GM! Lead Approver: 03/04/2025

OMNIA MEP DESIGN
SHAW CONTRACT MANAGEMENT DESIGN PARTNER

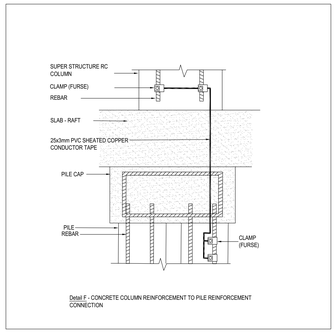
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LIGHTNING PROTECTION DETAIL SCHEDULE

REFERENCE	DETAILS
LIGHTNING PROTECTION DETAIL 1	STAINLESS TEST CLAMP DETAIL
LIGHTNING PROTECTION DETAIL 2	CONCRETE COLUMN REINFORCEMENT TO PILE REINFORCEMENT CONNECTION
LIGHTNING PROTECTION DETAIL 3	EARTH ELECTRODE HOUSED WITHIN A PLASTIC INSPECTION CHAMBER
LIGHTNING PROTECTION DETAIL 4	DOWN CONDUCTOR CAVITY
LIGHTNING PROTECTION DETAIL 5	25 x 3mm PVC SHEATHED CONDUCTOR TAPES
LIGHTNING PROTECTION DETAIL 6	AIR TERMINATION OVER TILE
LIGHTNING PROTECTION DETAIL 7	CONCRETE COLUMN UTILISED AS A DOWN CONDUCTOR
LIGHTNING PROTECTION DETAIL 8	SQUARE CLAMP - TAPE TO TAPE CONNECTIONS
LIGHTNING PROTECTION DETAIL 9	CONNECTION TO CONCRETE REINFORCEMENT AT HIGH LEVEL METALLIC CAPPING UTILISED
LIGHTNING PROTECTION DETAIL 10	DOWN CONDUCTOR REINFORCING

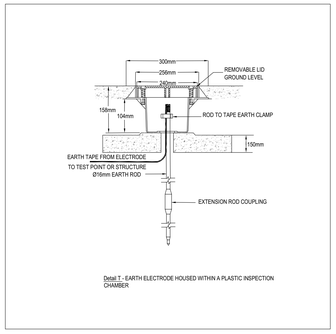


1 LIGHTNING PROTECTION DETAIL 1
1 : 100



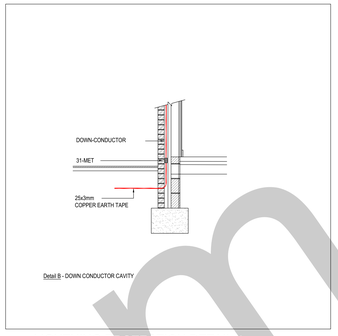
Detail F - CONCRETE COLUMN REINFORCEMENT TO PILE REINFORCEMENT CONNECTION

2 LIGHTNING PROTECTION DETAIL 2
1 : 100



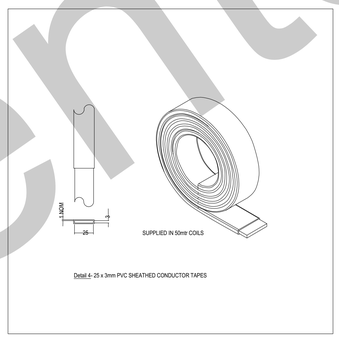
Detail T - EARTH ELECTRODE HOUSED WITHIN A PLASTIC INSPECTION CHAMBER

3 LIGHTNING PROTECTION DETAIL 3
1 : 100



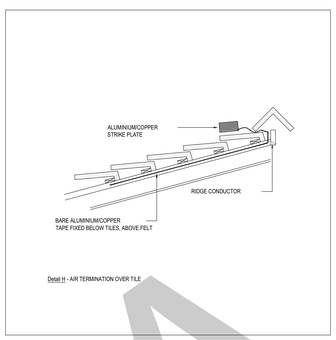
Detail B - DOWN CONDUCTOR CAVITY

4 LIGHTNING PROTECTION DETAIL 4
1 : 100



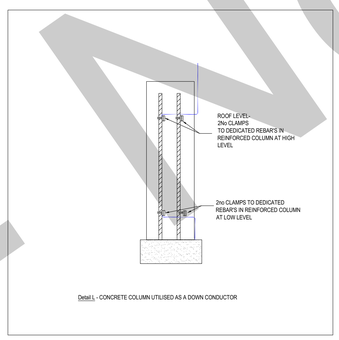
Detail 4- 25 x 3mm PVC SHEATHED CONDUCTOR TAPES

5 LIGHTNING PROTECTION DETAIL 5
1 : 100



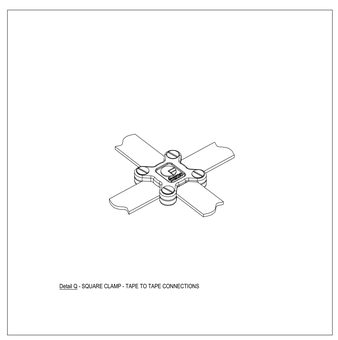
Detail H - AIR TERMINATION OVER TILE

6 LIGHTNING PROTECTION DETAIL 6
1 : 100



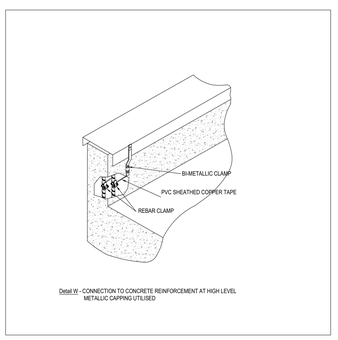
Detail L - CONCRETE COLUMN UTILISED AS A DOWN CONDUCTOR

7 LIGHTNING PROTECTION DETAIL 7
1 : 100



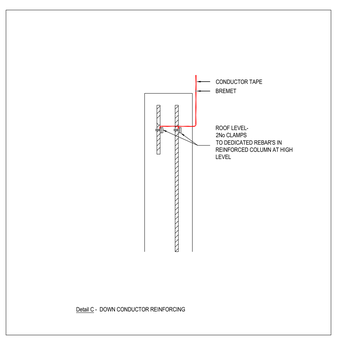
Detail Q - SQUARE CLAMP - TAPE TO TAPE CONNECTIONS

8 LIGHTNING PROTECTION DETAIL 8
1 : 100



Detail W - CONNECTION TO CONCRETE REINFORCEMENT AT HIGH LEVEL METALLIC CAPPING UTILISED

9 LIGHTNING PROTECTION DETAIL 9
1 : 100



Detail C - DOWN CONDUCTOR REINFORCING

10 LIGHTNING PROTECTION DETAIL 10
1 : 100

C01	ISSUED FOR CONSTRUCTION	KH 02.04.25	RB 02.04.25
P01	ISSUED FOR COMMENT/APPROVAL	KH 17.03.25	RB 17.03.25
REVISION	DESCRIPTION	CHECKED & DATE	APPROVED & DATE

SHAW CONTRACT MANAGEMENT

PROJECT:
MOSS LANE EAST
MANCHESTER
M14 4PJ

DRAWING TITLE:
PROPOSED LIGHTNING PROTECTION DETAILS

DRAWING STATUS: CONSTRUCTION		RIBA STAGE: 4
DESIGNED BY: RB	DRAWN BY: RB	CHECKED BY: KH
SCALE (@ A0): 1:100	DATE CREATED: OCTOBER 2024	STATUS: A4
DRAWING NUMBER: L047-SHA-69-ZZ-ZZ-D-E-690001		REVISION: C01

A - No comments