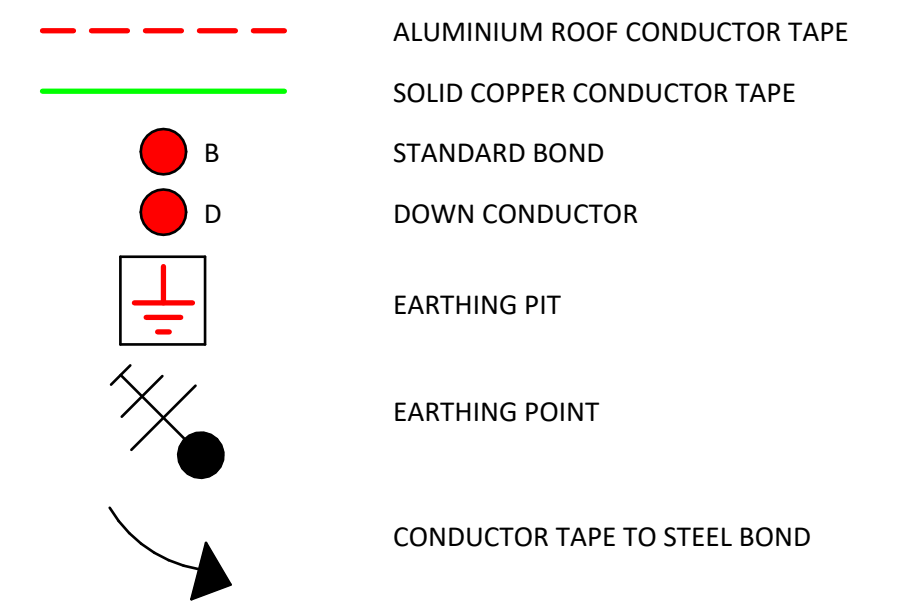


LIGHTNING PROTECTION NOTES:

- DO NOT SCALE THIS DRAWING. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S STRUCTURAL ENGINEERS AND M&E DRAWINGS AND THE M&E SPECIFICATION, SAMPLES SHEET AND ROOM DATA SHEETS.
- ALL ITEMS OF EQUIPMENT SHALL BE INSTALLED AS TO THE MANUFACTURER'S RECOMMENDATIONS.
- ALL INFORMATION AND LAYOUTS DETAILED ON THIS DRAWING ARE SUBJECT TO SITE DIMENSION CHECKS.
- LIGHTNING PROTECTION SYSTEM SHOWN IS INDICATIVE ONLY. SPECIALIST CONTRACTOR TO DESIGN AND INSTALL LIGHTNING PROTECTION SYSTEM TO THE REQUIREMENTS OF BS EN 62305:2006.
- THE SYSTEM SHALL UTILISE THE STRUCTURAL STEEL WORK FOR BOTH THE DOWN CONDUCTORS AND THE AIR TERMINATION NETWORK ON THE ROOF.
- COLUMNS USED AS DOWN CONDUCTORS AT INTERVALS OF APPROXIMATELY 20M. REFER TO TYPICAL DETAILS FOR BONDING OF THE STEELWORK TO THE EARTH RODS LOCATED WITHIN INSPECTION PITS INCLUDING ALL TEST POINTS.
- THE TOTAL RESISTANCE OF THE SYSTEM MUST NOT EXCEED 10.0Ω (Ohms). ADDITIONAL EARTH RODS AND PITS FORMING AN EARTH SHALL BE PROVIDED SHOULD IT NOT BE POSSIBLE TO ACHIEVE RESISTANCE REQUIRED.
- A TAPE LINK SHALL BE PROVIDED FROM THE LIGHTNING PROTECTION SYSTEM TO THE MAIN LV COMPOUND IN THE SERVICE YARD.
- THE SYSTEM SHALL BE BONDED TO ALL ROOF MOUNTED PLANT, RAINWATER PIPES, FLUES, ROOF LIGHTS, HANDRAILS, GAS & WATER PIPES, AERIALS, METALLIC WINDOW FRAMES, VENTS AND SIMILAR LISTED ITEMS AND EQUIPMENT. BOND TO BE ACHIEVED USING APPROPRIATE TYPE OF CLAMP.

LIGHTNING PROTECTION LEGEND:



P02	20.08.24	BJP	ZAN	TEK	Revised For Issue.
P01	19.07.24	LMS	ZAN	TEK	Stage 4 Issue

Rev	Date	By	Chk	Aprvd	Description

PROJECT
**Bassett Community Hub
 Camborne**

CLIENT



www.methodllp.com Swindon Tel: 01793 822044

DRAWING TITLE
Lightning Protection Layout

STATUS
S3 - FOR COMMENT

DATE	SCALE	DRWN BY	CHK BY	APVD BY
12.07.2024	1:100 - A1	LMS	ZAN	TEK

DRAWING NUMBER	REVISION NO.
1983PBC-MET-01-XX-DR-E-9401	S3 - P02

Scaling Note: Do NOT scale from this drawing.