Status Selected by or on behalf of GMI Lead Approver: 28/03/2025

OMNIA MEP DESIGN
SHAW CONTRACT MANAGEMENT DESIGN PARTNER

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LIGHTNING PROTECTION NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED.
3. FOR CONNECTION DETAILS PLEASE REFER TO DRAWING NUMBER L0047-SHA-69-ZZ-DZ-E-690001
4. LIGHTNING PROTECTION WILL BE INSTALLED INLINE WITH BS EN 62305.
5. THE STRUCTURE HAS BEEN RISK ASSESSED TO BS EN 62305 VIA FURSE STRIKE RISK ASSESSMENT SOFTWARE.

LEGEND

- E* D/T — DOWN CONDUCTOR TAPE CONDUCTOR FIXED TO EXTERNAL FACADE
- E* L/L — CONNECTION TO PILE AND COLUMN REINFORCEMENTS
- 2000mm FREE STANDING AIR ROD
- 25 X 3 ALUMINIUM CONDUCTOR TAPE
- BONDED CONNECTION TO PLANT/METAL WORK
- HIGH LEVEL CONNECTION TO REBAR

External Courtyard
Refer to Landscape Architect's information

+37.16m AOD

FGL +37.820

Meeting Room 24.8m²

Private Dining 24.1m²

Wellbeing 11.8m²

FFL +38.620

FFL +38.620

Lobby 13.8m²

Platform Lift

FGL +37.830

BOH 16.1m²

Reception

Fire / Security Shutter to Reception

Box.

Acc. WC 5m²

Gym 46.1m²

REF EARTH POINT

Acc. WC 4.8m²

Smoke Shaft

Lift

Study 23.6m²

Lounge 20.6m²

Study 17.4m²

Lounge 18.2m²

Communal Workspace / Amenity 85.8m²

FFL +37.850

Smoke Shaft

Lift 2

Lift 1

Cycle Store (70 bikes min) 66.8m²

+37.37m AOD

FFL +37.450

Stair 1

1:13

FFL +37.450

DRI

New gate & fence

Cluster 0.2 KLD 31.1m²

FFL +37.460

1:12.5

Acc. Studio 20.7m²

IT 8m²

Laundry 17.2m²

TV Lounge 41.5m²

Refuse Store (11 bins) 36.2m²

FFL +37.450

Switch R 8.4m²

Substation 15.6m²

Trench

New gate & fence

1:12.5

FFL +37.850

Smoke Extract

Stair 2

En-Suite 13.4m²

En-Suite 13.4m²

En-Suite 13.4m²

En-Suite 13.4m²

En-Suite 17.2m²

En-Suite 13.4m² ×6

Cluster 0.3 KLD 31.5m²

En-Suite 13.4m² ×3

+37.07m AOD

+37.30m AOD

REF EARTH POINT

New gate & fence

E1 D/T, E2 D/T, E3 D/T, E4 L/L, E5 L/L, E6 L/L, E7 L/L, E8 L/L, E9 L/L, E10 L/L, E11 L/L, E12 L/L, E13 L/L, E14 L/L, E15 L/L, E16 L/L, E17 L/L, E18 L/L, E19 D/T, E20 L/L, E21 L/L, E22 L/L, E23 D/T, E24 D/T, E25 D/T, E26 D/T

A - NO COMMENTS

REVISION	DESCRIPTION	CHECKED & DATE	APPROVED & DATE
C01	ISSUED FOR CONSTRUCTION	KH 17.03.25	RB 17.03.25
P01	ISSUED FOR COMMENT/APPROVAL	KH 12.02.25	RB 12.02.25

SHAW CONTRACT MANAGEMENT

PROJECT:
MOSS LANE EAST
MANCHESTER
M14 4PJ

DRAWING TITLE:
GROUND FLOOR
PROPOSED LIGHTNING LAYOUT

DRAWING STATUS:		RIBA STAGE:
PRELIMINARY		4
DESIGNED BY: RB	DRAWN BY: RB	CHECKED BY: KH
SCALE (@ A0): 1:50	DATE CREATED: OCTOBER 2024	STATUS: A4
DRAWING NUMBER: L047-SHA-69-ZZ-GF-D-E-690001		REVISION: C01

CONSTRUCTION ISSUE DRAWING