

NOTES:

1.

PERFORMANCE DESIGN DRAWING ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN DEVELOPMENT, SIZING, CO-ORDINATION, SUPPLY, INSTALLATION, CLEANING, CONNECTION, TESTING, COMMISSIONING AND SETTING TO WORK OF THE COMPLETE LVELV INSTALLATION.

2.

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND PROJECT DOCUMENTATION.

3.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

4.

DO NOT SCALE THIS DRAWING.

5.

ALL INFORMATION SUBJECT TO DETAILED SITE SURVEY.

6.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR LIASING WITH ALL UTILITY PROVIDERS TO PROCURE ALL UTILITY WORKS.

7.

THE CONTRACTOR SHALL MAKE ALLOWANCE FOR CO-ORDINATING OF ALL BUILDERSWORK PENETRATIONS.

8.

ALL NEW BUILDERSWORK PENETRATIONS LOCATIONS SHALL BE AGREED WITH THE ARCHITECT.

9.

THE CONTRACTOR SHALL MAKE ALLOWANCE FOR ACOUSTIC AND FIRE STOPPING OF ALL PENETRATIONS.

10.

ALL BUILDERSWORK PENETRATIONS TO BE ACOUSTICALLY STOPPED AND FIRE STOPPED IN ACCORDANCE WITH ALL REQUIREMENTS OF ARCHITECTURAL SPECIFICATION AND SERVICE STANDARD DETAILS.

11.

ALL EXPOSED CONDUIT AND CONTAINMENT SHALL BE INSTALLED IN A VISUALLY CO-ORDINATED MANNER AND SHALL BE AGREED WITH THE CA PRIOR TO INSTALLATION.

12.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL ROUTE AND SIZE OF ALL CABLES AND CONTAINMENT. THE CONTRACTOR SHALL MAKE ALLOWANCE FOR THE BENDING RADIUS OF ALL CABLES AND MAKE ALLOWANCE FOR SLOW BENDS, AS REQUIRED.

13.

THE CONTRACTOR SHALL ENSURE ADEQUATE SEPARATION AND SCREENING TO AVOID ELECTROMAGNETIC INTERFERENCE TO ADJACENT ELV CABLES.

14.

UNLESS OTHERWISE INDICATED, ALL WIRING DEVICES / OUTLET SOCKETS TO BE FLUSH MOUNTED.

15.

THE CONTRACTOR SHALL MAKE ALLOWANCE FOR ALL ASSOCIATED NEW SUB-CIRCUITS, SUB-MAINS CIRCUITS, CABLING AND CONTAINMENT TO SERVE ALL NEW AND EXISTING PROVISIONS.

EMERGENCY AND GENERAL LIGHTING NOTES:

1.

THE INSTALLATION SHALL BE IN ACCORDANCE WITH BS 5266, BS 7671:2008, THE ELECTRICITY AT WORK ACT, AND BUILDING REGULATIONS PART B.

2.

EMERGENCY FITTINGS SHALL BE CE MARKED AND TYPE TESTED TO BS EN 60598-2-22.

3.

ILLUMINATED EXIT SIGNAGE TO BE IN ACCORDANCE WITH BUILDING CONTROL REQUIREMENTS.

4.

ILLUMINATED DIRECTIONAL ARROWS SHALL COMPLY WITH BS 5499-4:2013

5.

INSTALLATION TESTING AND COMMISSION OF FULL SYSTEM IN ACCORDANCE WITH BS EN 50172

6.

ENSURE ALL LUMINAIRES COMPLY WITH BS EN 61547

03

Revised Planning Issue

04/06/2025

02

Planning Issue

03/06/2025

01

Stage 03 (Draft)

14/03/2025

Rev	Description	Date
	 CONSULTING ENGINEERS	
	64a Offley Road, London, SW9 0LS www.orconsult.co.uk info@orconsult.co.uk	
	Architect Anomaly	
	Project Sunlight House Performance Design Quay Street Facade Lighting	
	Scales 1:100 @ A0	
	Drawn by KR	
	Date 14/03/2025	
	Job No. 00542	
	Drg. No. 542-ORC-XX-00-DR-E-6300	
	Rev 03	

1NO. FIBROPTIC LENS SURFACE MOUNTED TO EACH SIDE OF EACH DOME (2NO. PER DOME).

ALL CABLES TO RUN CONCEALED TO LIGHT SOURCE ON INTERIOR AS COORDINATED WITH CONTRACTOR AND ELECTRICAL ENGINEER.

LINEAR LED IN CONTINUOUS ANGLED BRACKET SURFACE MOUNTED TO PERIMETER BASE OF EACH DOME. HEIGHT OF CONTINUOUS ANGLE TO BE TALLER THAN THE LED LUMINAIRE AND POSITIONED TOWARD THE STREET TO DIRECT ILLUMINATION TOWARDS THE DOME.

ALL CABLES TO RUN CONCEALED TO DRIVERS ON INTERIOR AS COORDINATED WITH CONTRACTOR AND ELECTRICAL ENGINEER.

A. DETAIL OF DOME LIGHTING (1:5)

LINEAR LED IN CONTINUOUS ANGLED BRACKET SURFACE MOUNTED TO A CONTINUOUS SECONDARY FIXING ANGLE ALONG THE FULL OUTER EDGE OF THE ELEVENTH FLOOR PLINTH. HEIGHT OF CONTINUOUS ANGLE TO BE TALLER THAN THE LED LUMINAIRE AND POSITIONED TOWARD THE STREET TO DIRECT ILLUMINATION TOWARDS THE BUILDING FACADE.

ALL CABLES TO RUN CONCEALED TO DRIVERS ON INTERIOR AS COORDINATED WITH CONTRACTOR AND ELECTRICAL ENGINEER.

B. DETAIL OF ELEVENTH FLOOR LIGHTING (1:5)

LINEAR LED IN CONTINUOUS ANGLED BRACKET SURFACE MOUNTED TO A CONTINUOUS SECONDARY FIXING ANGLE ALONG THE FULL LENGTH OF THE SEVENTH FLOOR PLINTH. HEIGHT OF CONTINUOUS ANGLE TO BE TALLER THAN THE LED LUMINAIRE AND POSITIONED TOWARD THE STREET TO DIRECT ILLUMINATION TOWARDS THE BUILDING FACADE.

ALL CABLES TO RUN CONCEALED TO DRIVERS ON INTERIOR AS COORDINATED WITH CONTRACTOR AND ELECTRICAL ENGINEER.

C. DETAIL OF PLINTH LIGHTING (1:5)

1NO. MINIATURE SPOTLIGHT SURFACE MOUNTED TO EACH SIDE OF THE BASE OF EACH VASE.

ALL CABLES TO RUN CONCEALED TO DRIVERS ON INTERIOR AS COORDINATED WITH CONTRACTOR AND ELECTRICAL ENGINEER.

D. DETAIL OF VASE LIGHTING (1:5)

QUAY STREET ELEVATION (1:100)