

SITE PLAN 1:150

© This drawing is copyright protected, and remains the property of hurstwood environmental consulting. It must not be reproduced, used, disclosed or transmitted to third parties in any form without prior written permission.

63_LIGHTING NOTES

01. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND DOCUMENTS RELATING TO THE MECHANICAL AND ELECTRICAL INSTALLATIONS.

02. ALL DIMENSIONS WHERE SHOWN ARE IN MILLIMETERS /METERS. THIS DRAWING SHALL NOT BE SCALED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL DIMENSIONS THROUGH SITE MEASUREMENTS PRIOR TO COMMENCEMENT OF THE WORKS.

03. ALL OTHER DISCIPLINES' SPECIFICATIONS SHALL BE READ IN CONJUNCTION WITH THE HURSTWOOD ENVIRONMENTAL BUILDING SERVICES SPECIFICATION AND DRAWINGS AS WELL AS ARCHITECTS, STRUCTURAL ENGINEER'S, ACOUSTIC ENGINEER'S AND FIRE CONSULTANT'S. ANY DISCREPANCIES BETWEEN ANY DOCUMENT, DRAWING OR SCHEDULE SHOULD BE CLARIFIED AT TENDER OR THE MOST COST ONEROUS OPTION SHALL BE DEEMED TO HAVE BEEN ALLOWED FOR.

04. TEST KEYS ARE TO BE PROVIDED ADJACENT THE DISTRIBUTION BOARD. THE OPERATION OF THE SWITCH/TIMER DOES NOT EFFECT THE GENERAL LIGHTING.

05. LUMINAIRE TYPES AND SPECIFICATIONS ARE PERFORMANCE SPECIFICATION AND TYPES ONLY AND FOR PRELIMINARY REVIEW AND ARE NOT FINAL SELECTIONS.

06. THE CALCULATION MODEL SHALL BE RECALCULATED TO REFLECT FINAL LUMINAIRE SELECTIONS AND BE CARRIED OUT PRIOR TO ORDERING OF ANY LUMINAIRES.

07. ALL LUMINAIRES TYPES SHALL BE REVIEWED IN LINE WITH FINAL BUILDING ARCHITECTS AND LANDSCAPE ARCHITECTS DETAILS.

08. UPVC IN-GROUND DUCTING BURIED AT MINIMUM DEPTH OF 450MM TO TOP OF DUCTING AND ASSOCIATED HEAVY DUTY DRAW PITS SHALL BE INCLUDED.

09. LAND LORDS LIGHTING TO AMENITY AREAS SHALL BE CONTROLLED BY CONTACTOR/TIMECLOCK/PHOTOCELL ARRANGEMENT. LUMINAIRES FOR DOMESTIC DWELLINGS SHALL FEATURE INTEGRAL MICROWAVE PIR SENSOR.

63_LIGHTING LEGEND

- X1 — TYPE X1 - AURALED - QSSI EASYLED SMALL POWER PACK FULL CUT OFF - 12W LED 720LM IP66 3K BLACK. PHOTOCELL/MICROWAVE REQUIRED FOR DWELLINGS. 'E' DENOTES 3 HOUR EMERGENCY VERSION.
- X2 — TYPE X2 - SELUX - INULA BOLLARD LUMINAIRE. 'E' DENOTES 3 HOUR EMERGENCY VERSION.
- X3 — TYPE X3 - SELUX - OLIVIO 5m HIGH COLUMN DOWNLIGHT.
- X4 — TYPE X4 - BEGA - 77018K3 BEGA LED INGROUND FEATURE PLANTING UPLIGHTER/WASHER.
- X5 — TYPE X5 - AURALED - IP65 SURFACE MOUNTED LINEAR LUMINAIRE 19W 2000LM 3K BLACK. PHOTOCELL/MICROWAVE REQUIRED FOR BIN STORES. 'E' DENOTES 3 HOUR EMERGENCY VERSION.
- X6 — TYPE X6 - RECESSED WALL MOUNTED STEP LIGHT.
- TYPE X6 - IP68 RECESSED RGB LED STRIP LIGHTING SET WITHIN FURNITURE
- TYPE X7 - STEP LIGHTING.
- TYPE X8 - HANDRAIL LIGHTING
- RS4 — TYPE RS4 - EXISTING FITTING TO BE REMOVED OR RE INSTATED.
- SL — STREET LIGHT

REV	CHK	DATE	Description
C03	CE	29/10/25	S5 ISSUE - EM EXTERNAL LIGHTING ADDED
C02	CE	18/09/25	S5 ISSUE - EXTERNAL LIGHTING RECONFIGURED
C01	CE	04/09/24	S5 ISSUE - CONSTRUCTION
P04	CE	12.01.24	STAGE 4
P03	CE	08.12.23	PRELIMINARY REVIEW
P02	JK	31.08.23	PRELIMINARY REVIEW
P01	JK	07.08.23	PRELIMINARY REVIEW

Architectural X-Ref Drawings:
FF&E X-Ref Drawings:

Drawing Status: S5 CONSTRUCTION

McGOFF CONSTRUCTION

hurstwood environmental
Consulting Engineers
www.hurstwood-eng.co.uk

Bolton Office
Atria
Spa Road
Bolton
BL1 4AG
T: 01204 770 041
E: bolton@hurstwood-eng.co.uk

Liverpool Office
23 Goodlass Road
Speke
Liverpool
L24 9HJ
T: 0151 728 3360
E: liverpool@hurstwood-eng.co.uk

London Office
344 Gray's Inn Road
Bloomsbury
London
WC1X 8BP
T: 0203 755 3711
E: london@hurstwood-eng.co.uk

Drawn:	Chkd:	App:	
C EBBS	P CHAMBERS	M JORDAN	A0
Date: DEC 2023	Scale: 1:150		

Project:
ROCHDALE ROAD APARTMENTS

Drawing Title:
ELECTRICAL SERVICES
EXTERNAL LIGHTING

Project No: 23C002-HEC-XX-ZZ-DR-E-6000
Rev: C03

Last saved by: CHRIS.EBBS(2025-10-29) Last Plotted: 2025-10-29
Filename: G:\USERS\CHRIS.EBBS\HECHURSTWOOD\LAST SAVE - CURRENT PROJECTS\PROJECTS\C3804 - MCGOFF ROCHDALE ROAD APARTMENTS\03.ELECTRICAL\04 DRAWINGS\23C002-HEC-XX-ZZ-DR-E-6000-C03.DWG