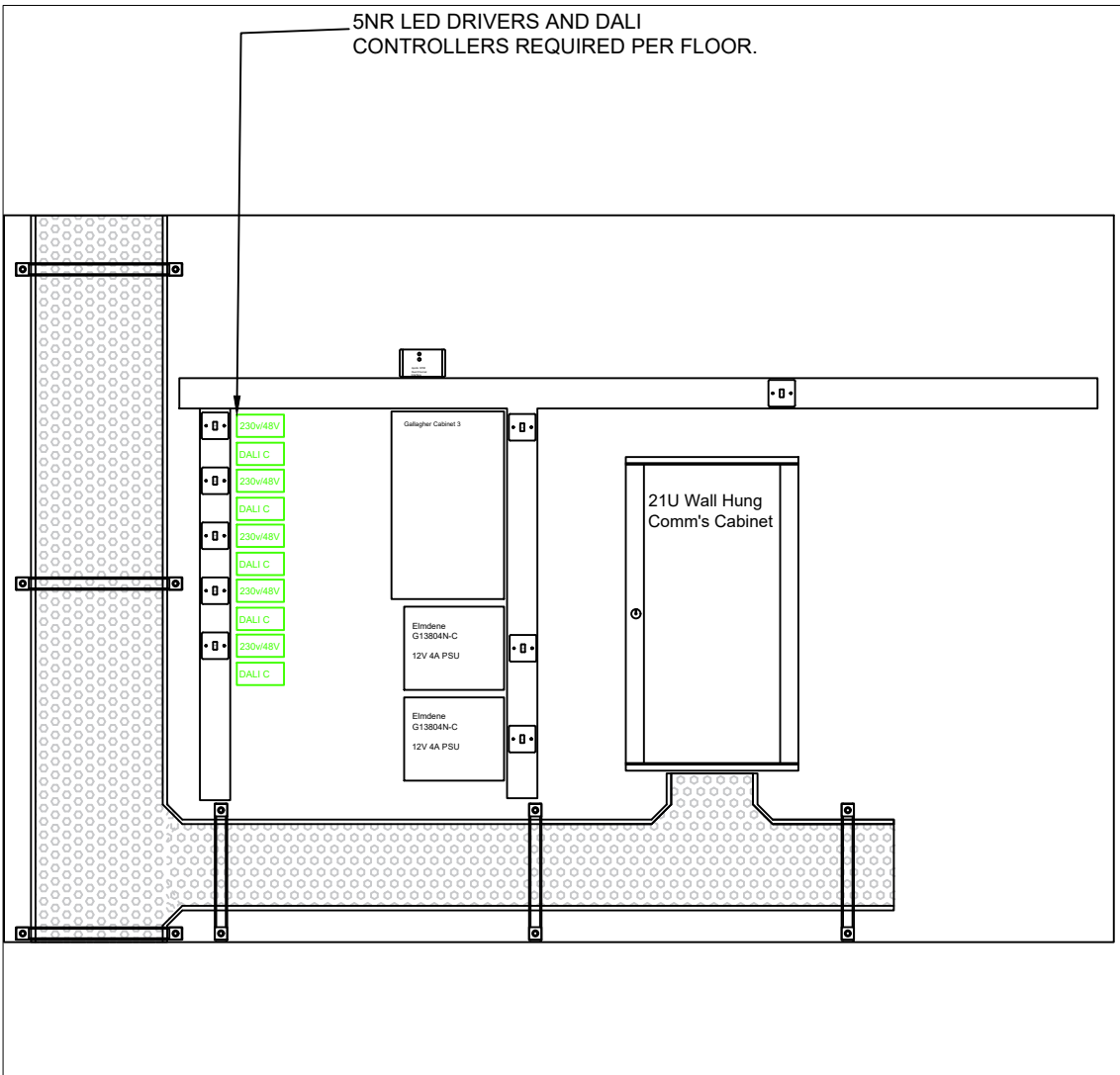


Legend

- X1 Exenia Wolf Projector 840241RSW52S - Window Projector Lamps
- X3 Exenia Trim 8401610S52SS Floor Uplights
- Exenia Play Up & Down 8401610S52SS Up/ Down Wall Lights
- X4
- 230v/48v 48V LED Driver
- DALI C DALI LED Controller
- Junction box located within RAF for termination of cables from supply cables to light fittings

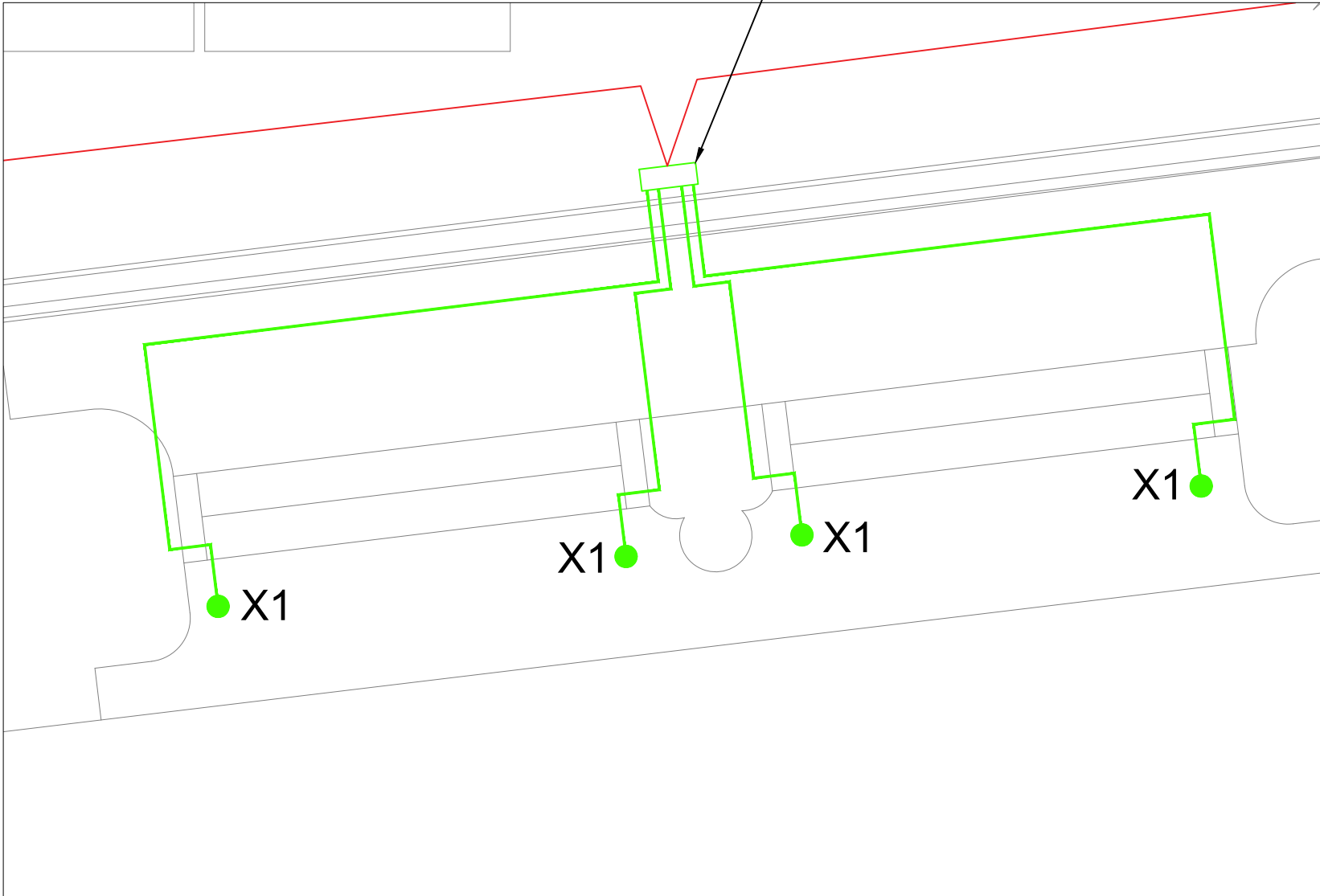


TYPICAL RISER CONTROLS SETTING OUT



SUPPLY CABLES FROM LED DRIVERS/ DALI CONTROLLERS TO JUNCTION BOX.

TYPICAL SETUP WITHIN SUITES
INSTALLATION OF ADAPTABLE BOX WITH CONNECTIONS FROM SUPPLY TO LED FITTINGS.
ADAPTABLE BOX LOCATED WITHIN RAF CENTRAL TO EACH BANK OF WINDOWS TO CONCEAL ELECTRICAL CONNECTIONS TO ALLOW FOR SIMPLE FUTURE MAINTENANCE. CABLES TO BE RUN FROM RISER WITHIN RAF AND LABELED AT 1.5M INTERVALS ALONG LENGTH WITH NOTICE: "ELV EXTERNAL LIGHTING SUPPLY CABLE - DO NOT REMOVE"
RAF TILE WITH JUNCTION BOX LOCATION TO HAVE YELLOW AND BLACK WARNING TAPE MARKING FOR EASY FUTURE MAINTENANCE LOCATION.



WIRING SCHEMATIC FOR EXTERNAL WINDOW REVEAL LIGHTING

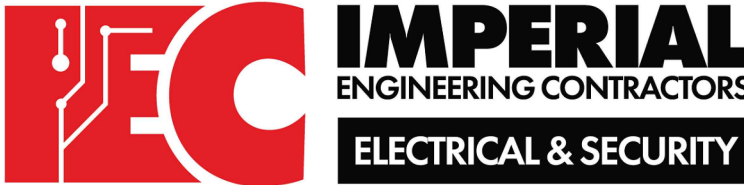


RAL 9005 FITTING WITH VARIOUS SECTIONS OF EXTERNAL MASONRY

Notes:

1. Samples of light fittings to be provided, reviewed and signed off prior to works commencing.
2. Cables supplying light fittings to internal junction boxes to be installed around window frames and concealed neatly.
3. Any fixings to external sandstone/ masonry, care to be taken to avoid any excess damage being caused.
4. All ELV cables are to be routed through the external gyp lined walls, through RAF onto landlord containment spine to route through to landlord riser.
5. Adaptable box located within RAF central to each bank of windows to conceal electrical connections to allow for simple future maintenance. Cables to be ran from riser within RAF and labeled at 1.5m intervals along length with notice: "ELV EXTERNAL LIGHTING SUPPLY CABLE - DO NOT REMOVE"
RAF tile with junction box location to have yellow and black warning tape marking for easy future maintenance location.
6. All power supplies to be taken from Landlord DB's only, under no exception must supplies be taken from tenant distribution.
7. Power supplies and controls to be located within landlord riser.

B	Alterations to routing of supply cables and junction box locations	MD	09/07/2024
A	Issued for comment	MD	19/06/2024
REV:	DESCRIPTION:	BY:	DATE:
STATUS: For Approval			



CLIENT:	Bruntwood Union 2-10 Albert Square, Manchester M2 6LW
Designed by:	Imperial Engineering and Construction Nw Ltd Centurion House 139 Deansgate Manchester M3 3NW Tel: 0161 304 0755 www.imperialnw.co.uk

Kings House, Kings St			
SITE:			
Manchester, M3 2WY			
TITLE:			
External Lighting General Controls Arrangement			
SCALE: AT 1:	DATE:	DRAWN:	CHECKED:
NTS	09/07/2024	MD	KK
PROJECT NO:	DRAWING NO:	REVISION:	
IEC-E1875	E1875-EXT-901	B	