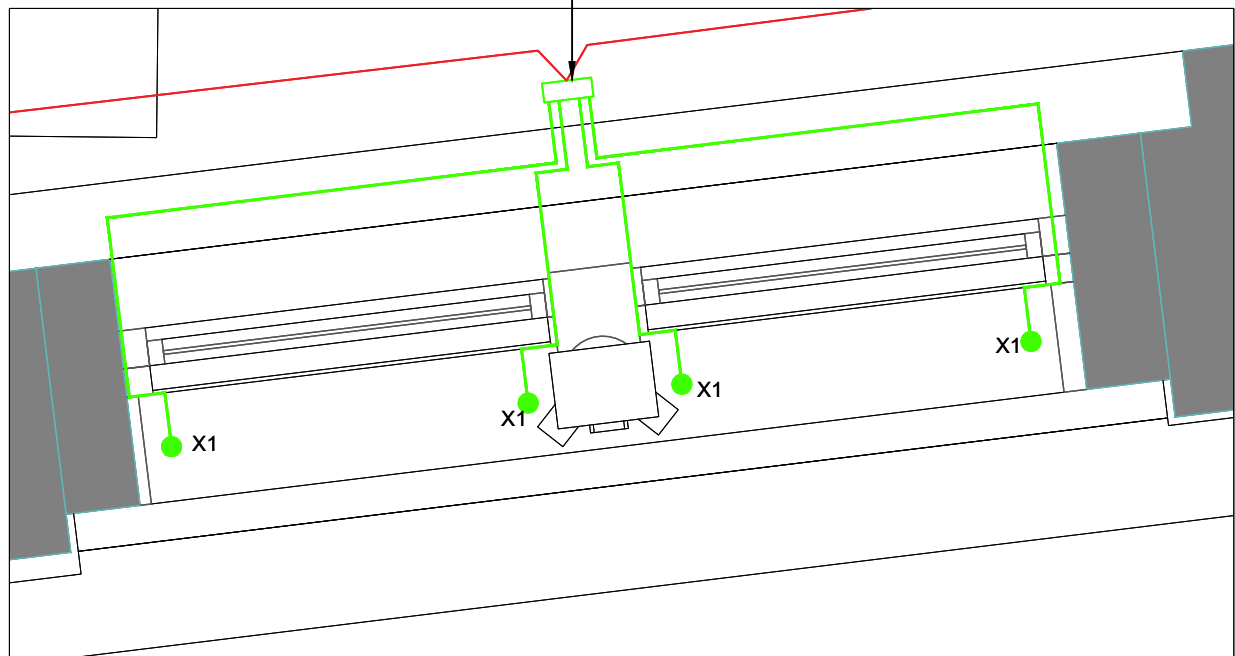




SUPPLY CABLES FROM LED DRIVERS/  
DALI CONTROLLERS TO TWIN BACK  
BOX.  
JUNCTION BOX LOCATED WITHIN RAF  
TO ALLOW FOR SIMPLE FUTURE  
MAINTENANCE.



BASIC WIRING SCHEMATIC FOR EXTERNAL WINDOW REVEAL LIGHTING

## Legend

**X1** Exenia Wolf Projector 840241RSW52S - Window Projector Lamps

**X3** Exenia Trim 8401610S52SS Floor Uplights

**X4** Exenia Play Up & Down 8401610S52SS Up/ Down Wall Lights

**230V/48V** 48V LED Driver

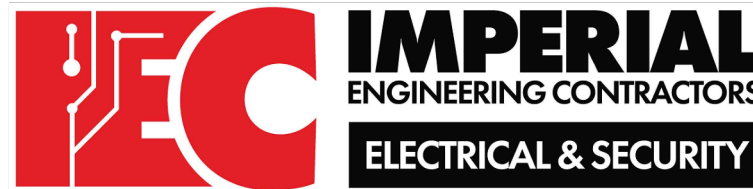
**DALI C** DALI LED Controller

**Twin Back Box With Metal Plate Plate Blank Plate Fitted Within Suite Powdercoated To Match Wall Finish**

## 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<br>2-10 Albert Square, Manchester<br>M2 6LW                                                                                          |
| Designed by: | Imperial Engineering and Construction Nw Ltd<br>Century House<br>129 Deansgate<br>Manchester<br>M3 9WY<br>Tel: 0161 504 0755<br>www.imperialnw.co.uk |

|                                               |               |           |          |
|-----------------------------------------------|---------------|-----------|----------|
| Kings House, Kings St                         |               |           |          |
| SITE:                                         |               |           |          |
| Manchester, M3 2WY                            |               |           |          |
| TITLE: EXTERNAL LIGHTING<br>King St Elevation |               |           |          |
| SCALE AT A1:                                  | DATE:         | DRAWN:    | CHECKED: |
| 1:100                                         | 09/07/2024    | MD        | KK       |
| PROJECT NO:                                   | DRAWING NO:   | REVISION: |          |
| IEC-E1875                                     | E1875-EXT-903 | B         |          |