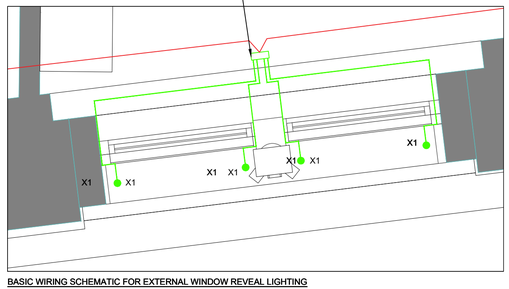
SUPPLY CABLES FROM LED DRIVERS/ DALI CONTROLLERS TO TWIN BACK BOX.
JUNCTION BOX LOCATED WITHIN RAF TO ALLOW FOR SIMPLE FUTURE MAINTENANCE.



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 Flate 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 internvals 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.

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

STATUS: For Approval

IMPERIAL ENGINEERING CONTRACTORS
ELECTRICAL & SECURITY

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TITLE: EXTERNAL LIGHTING SOUTHGATE ELEVATION

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1:100	09/07/2024	MD	KK

PROJECT NO:	DRAWING NO:	REVISION:
IEC-E1875	E1875-EXT-E902	B