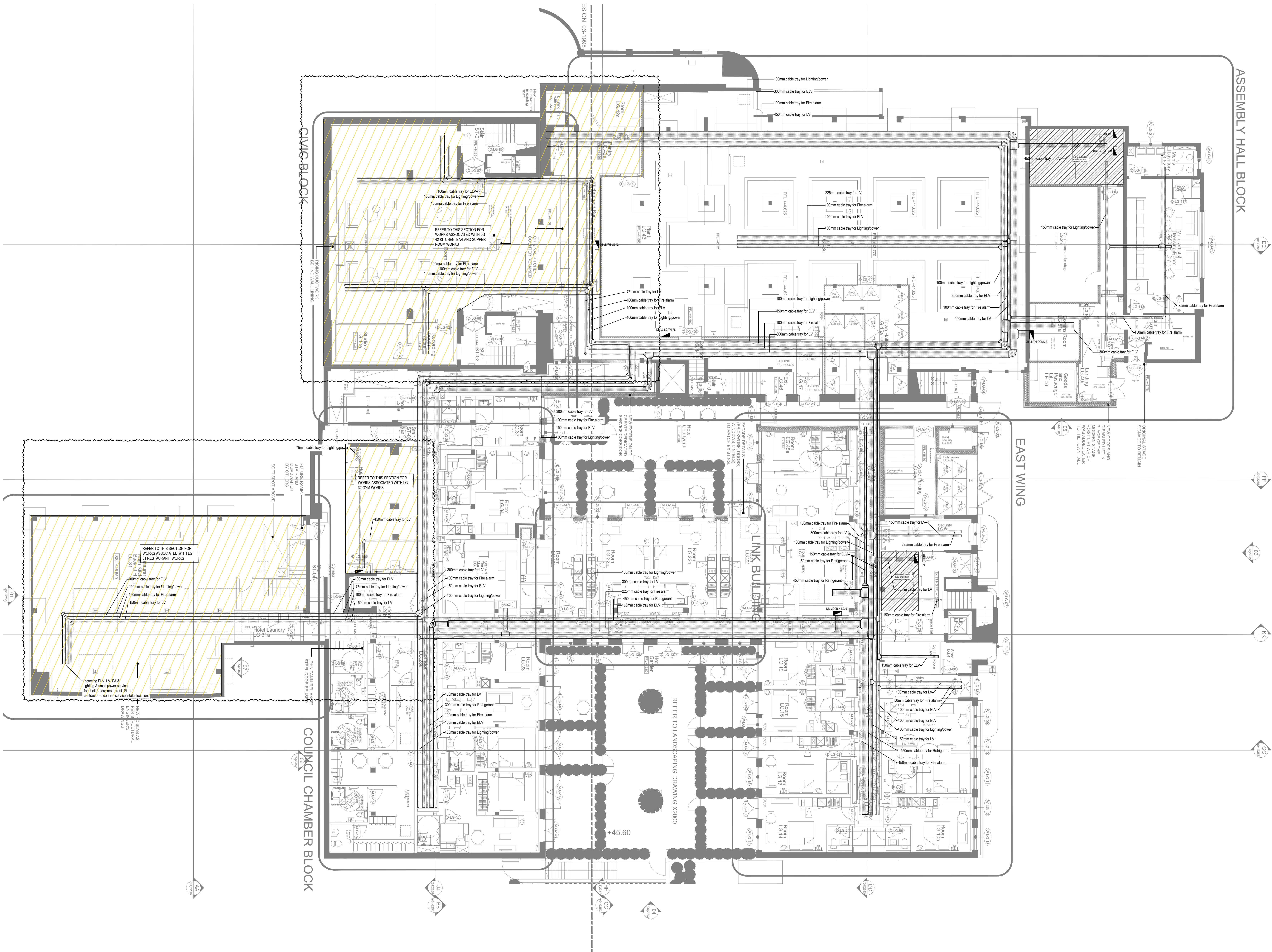




NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting height drawings.
- Where electrical boxes, conduits, trunking, outcrops or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system as per section 527.2.1 of BS 5267 and Approved Document B.
- Dimensions setting out depths to be confirmed by architect.
- Electrical contractors to allow for supply and install of power assisted doors.

Electrical Installation Notes

- 1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of LifeLine Homes. 150mm from holes and 300mm from risk areas to comply with BS7671.
2. **Common Area Notes**
- 2.01 Service voids, ceiling voids, floor voids, understorey or any other void within the building shall be measured on site and related to WDA prior to installation of any components of the fire alarm system.
- 2.02 External lighting to be controlled by photocell and timeclock. Photocells shall be located above street lighting level. Street lighting photocells to be determined on site.
- 2.03 Adaptable down light (providing to be assessed depending on panel location) controlled by key switch to provide 20 lux at 0.8m control panel. Switch shall be marked L&L Landing Lighting.
- 2.04 Key switch for landing emergency lighting. This required per circuit.
- 2.05 All equipment required for the smoke control and environmental systems shall be supplied and installed by a specialist as per their design, including all smokehead detectors, breakglasses, actuators, and keyswitches. Electrical contractor to provide power supply to specialist's panel. All items shall be independent of the main fire alarm system to provide local detection and sounder.
- 2.06 Smokehead based connection units shall be provided to house for FDS equipment, ACV, CCTV, door entry and access control equipment. Specialist contractor shall confirm requirements.
- 2.07 Provisional Emergency exit signs. Final location and quantity to be confirmed by fire strategy architect.
- 2.08 L&L Scheme supply to be terminated in a lockable rotary 4-pole isolator made by Gensel ref. GWT 70438. All items are to have a 2m length of spare cable to enable the final position to be determined by the fire installer.
- 2.09 Smoke detection for the control of ACV system, specialist to provide final requirements prior to installation.
- 2.10 Refer to electrical riser elevation drawings for positioning of equipment within the electrical riser.
- 2.12 Smoke detection for the control of ACV system, specialist to provide final requirements prior to installation.
- 2.13 Fire interface to form part of the local fire system. Fire specialist to confirm final requirements.
- 2.14 Door access controls to be confirmed against specification.
- 2.15 Provisional CCTV cameras. Final location and quantity to be confirmed by client/architect.
- 2.16 Gate control panel to be operated by remote FDS by specialist design.
- 2.17 Door entry requirements to be confirmed prior to installation of fire alarm system.
- 2.18 Head of stair ACV break glass override switch.
- 2.19 Lobby ACV break glass override switch.
- 2.20 Final location of equipment and plant shall be coordinated with the mechanical contractor prior to procurement and installation.
- 2.21 Video entry panel to be mounted on pedestal. Specification and location TBC by architect.
- 2.22 3 gang grid switch fitted with 20k ohm pole switches, each switch engraved with the name of the appliance served:
 - Tumble Dryer
 - Washing Machine
 - Washing Machine
- 2.23 100/100mm boxing out for cabling to rise from underfloor containment for desk services.
- 2.24 Power supply for smoke detectors to be wired back to damper control panel with rise. Installation shall be in accordance with smoke control specialist design requirements.
- 2.25 Switching arrangement within Assembly Hall to be co-ordinated with theatre projects.
- 2.26 Override switch for new and existing lighting circuits.
- 2.27 Luminaires Type TBC.
- 2.28 LPA luminaires provide insufficient performance in this area. Client to confirm if alternative lighting shall be provided.
- 2.29 Magnetic Task Linear & spot lights (refer to LPA drawings for quantities).
- PA1 Fire alarm interface for connection to relay base with separate apartment for connection to landrains fire alarm system.
- FA2 Fire alarm interface for corridor fire switch.
- FA3 Fire alarm interface for smoke ventilation system.
- FA4 Fire alarm interface for connection to BMS and shall provide signal to shutdown of energy centre panel in the event of a fire and shall also be resettable from the fire alarm panel within the fire control centre.
- FA5 Gate to open in the event of a fire.

NOTE: B
SERVICE Voids TO BE SURVEYED ON SITE PRIOR TO PROCUREMENT AND INSTALLATION TO ENSURE SERVICES CAN BE UNRESTRICTED IN SPACE.

NOTE: A
DRAWING IS CONSTRUCTION ISSUE PROVISIONALLY ONLY. EAST WING IS CURRENTLY THE ONLY AREA THAT HAS BEEN FULLY COORDINATED AND IS FILED WITH DESIGN TEAM.

BACKGROUND PLAN AS PER KOS ARCHITECTS

DATE: 01.08.2022 **LOGBOOK** **DATE REVISION:** 01.08.2022

Rev	Date	Description	Drawn	Check	Rev	Date	Description	Drawn	Check
1	10/11/2022	Issued for information	JH	JB					
2	10/11/2022	Issued for information	JH	JB					

Original Issue Date: 30.11.2021 **Scale:** 1:100 **Size:** A0

Client: ARMORE **Rev:** 11

Dwg Number: 10687-E-02-TH-1099(3)

Responses to L&P Comments 27.01.2021

1. Please provide coordinated sections and details along corridor route, within rooms. This is to verify how access is maintained to all containment. See combined distribution details drawings.
2. Also to verify co-ordination with other services. Main Power cabling cannot be installed to ceiling but to floor in an escape route under Base Building Regulations. See combined distribution details drawings.
3. Please depict level levels for each section of containment. See combined distribution details drawings.
4. Containment needs to extend from riser board and must not stop short with isolated sections shown. This has been updated.
5. Provide a series of drawings demonstrating containment using capacity and space for each section. This does not fall under our scope, schedules are available to ascertain amount of cable per tray and space capacity can be determined from this.
6. Provide fire stopping details. By others.
7. Provide fire stopping details at each trapping section. By others.
8. Provide support installation details. See combined distribution details drawings.
9. Demonstrate how containment concealed from view but fully accessible - All areas. By others.