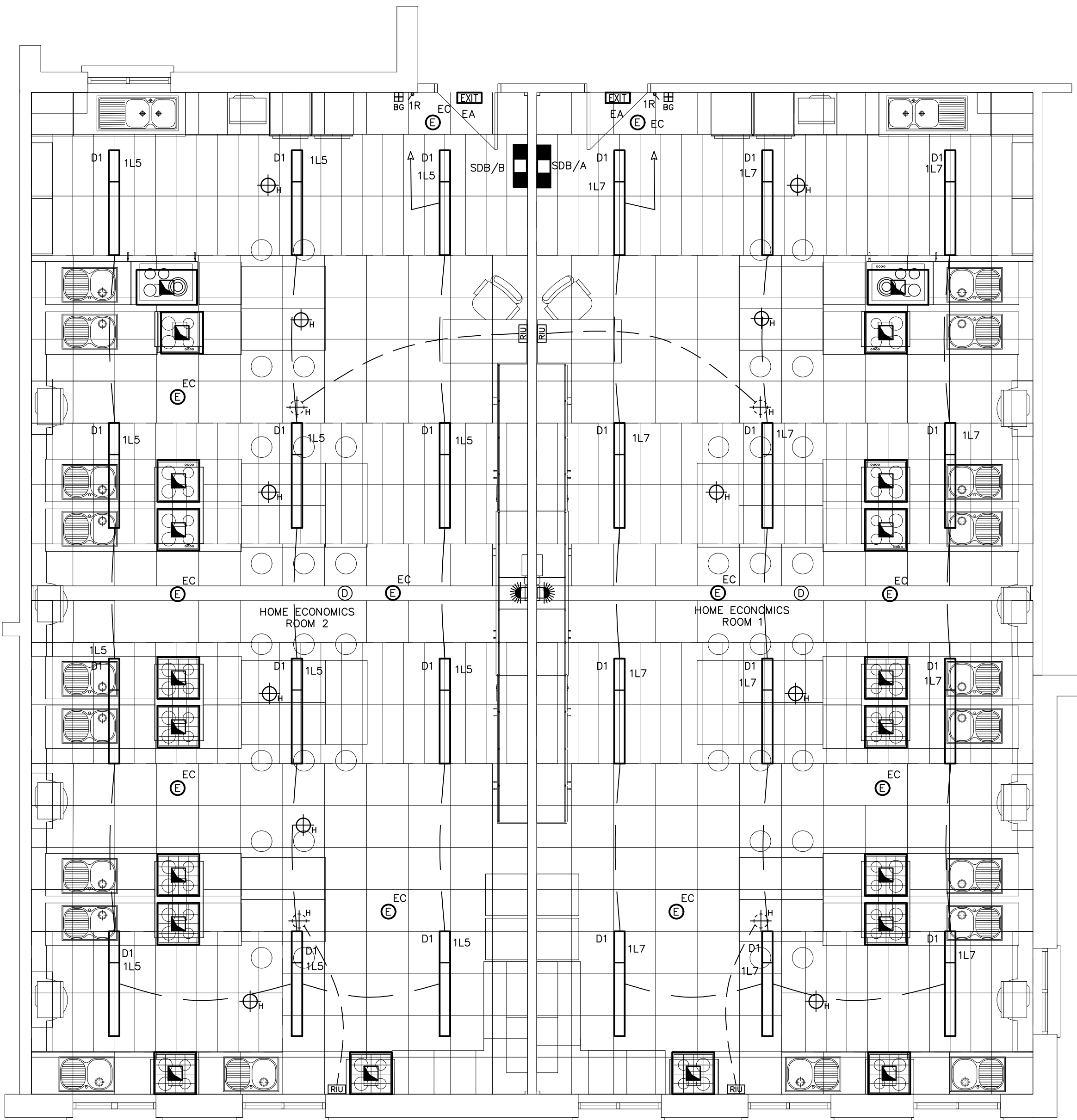




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1:50 GROUND FLOOR PLAN

- NOTES**
1. THE ELECTRICAL CONTRACTOR SHALL CO-ORDINATE THE TRUNKING AND CABLE TRAY RUNS ON SITE WITH THE MECHANICAL CONTRACTOR AND AGREE THE PIPEWORK ROUTES ETC PRIOR TO INSTALLATION.
 2. THE ELECTRICAL CONTRACTOR SHALL SET OUT AND AGREE ALL OPENINGS REQUIRED IN THE INTERNAL WALLS, FLOORS AND CEILINGS WITH THE MAIN CONTRACTOR ON SITE FOR THE ELECTRICAL SERVICES INSTALLATIONS.
 3. THE ELECTRICAL CONTRACTOR SHALL CO-ORDINATE THE ELECTRICAL SERVICES INSTALLATIONS WITH THE RELEVANT ARCHITECTS AND STRUCTURAL ENGINEERS DRAWINGS AND IN PARTICULAR WITH THE ARCHITECTS DETAILED ROOM LAYOUTS PRIOR TO INSTALLATION.
 4. THE WIRING FOR THE GENERAL ELECTRICAL INSTALLATION AND ICT INFRASTRUCTURE SHALL COMPLY FULLY WITH THE REQUIREMENTS OF THE DEPARTMENT OF EDUCATION AND SKILLS TECHNICAL GUIDANCE DOCUMENTS TGD 003 AND TGD 005 INCLUDING ALL ASSOCIATED AMENDMENTS (TGD031).
 5. THE ENTIRE ELECTRICAL INSTALLATION SHALL BE CARRIED OUT BY A COMPETENT SAFE ELECTRIC/RECI REGISTERED ELECTRICAL CONTRACTOR AND SHALL COMPLY WITH THE RULES OF THE NSAI NATIONAL RULES FOR ELECTRICAL INSTALLATIONS I.S.10101:2020 (INCORPORATING CORRIGENDUM 1:2020).
 6. ALL LIGHTING IN CORRIDORS SHALL BE CONTROLLED BY PRESENCE DETECTORS.
 7. THE FIRE DETECTION AND ALARM SYSTEM SHALL BE A TYPE L2/L3M SYSTEM IN ACCORDANCE WITH I.S. 3218:2024, CODE OF PRACTICE FOR FIRE ALARM SYSTEMS.
 8. THE WIRING FOR THE FIRE ALARM INSTALLATION SHALL BE CARRIED OUT IN A 2-CORE "PRYSMIAN FP PLUS" ENHANCED PH120 FIRE ALARM CABLE (RATED AT 120 MINUTES IN ACCORDANCE WITH BS 8434-2: 2003) AND RUN IN A CONTINUOUS RE-WIREABLE DEDICATED STEEL CONDUIT/ TRUNKING SYSTEM.
 9. THE EMERGENCY LIGHTING INSTALLATION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF I.S. 3217:2023 CODE OF PRACTICE FOR EMERGENCY LIGHTING INSTALLATIONS.
 10. THE WIRING FOR THE NORMAL AND EMERGENCY LIGHTING INSTALLATIONS SHALL BE CARRIED OUT USING SINGLE PVC 6491B (OHL5) CABLE RUN IN A CONTINUOUS STEEL CONDUIT/ TRUNKING INSTALLATION, USING THE LOOP-IN METHOD DIRECTLY TO THE TERMINALS IN EACH LIGHT FITTING, WITH NEUTRAL CONNECTIONS AT THE LUMINAIRE POSITIONS, AND PHASE CONNECTIONS AT THE LIGHT SWITCHES (THE USE OF CONNECTOR BLOCKS OR "KLIK" BOXES WILL NOT BE ACCEPTABLE).
 11. THE EXIT SIGNS, AND FIRE ALARM SOUNDERS IN THE GP HALL SHALL BE PROVIDED WITH STEEL CAGES.

KEY	
	ELECTRICAL SUB-DISTRIBUTION CENTRE
	LIGHT SWITCH - ORDINARY - 2-WAY - N-GANG
	COMBINED DAYLIGHT & ABSENCE DETECTOR
	ABSENCE DETECTOR
	PRESENCE DETECTOR
	LED SURFACE-MOUNTED LUMINAIRE
	600mm x 600mm RECESSED FLUORESCENT LUMINAIRE
	CEILING-MOUNTED COMPACT LED LUMINAIRE
	INTERNAL WALL-MOUNTED LED LUMINAIRE
	EXIT SIGN
	EMERGENCY LIGHT
	EXTERNAL EMERGENCY BULKHEAD
	FIRE ALARM SMOKE DETECTOR
	FIRE ALARM HEAT DETECTOR
	FIRE ALARM BREAKGLASS UNIT
	COMBINED FIRE ALARM STROBE LIGHT AND SOUNDER
	FIRE ALARM SMOKE DETECTOR WITH RIU
	FIRE ALARM HEAT DETECTOR WITH RIU
	FIRE ALARM REPEATER PANEL
	FIRE ALARM REMOTE INDICATOR UNIT
	FIRE ALARM INTERFACE UNIT
	MAGNETIC DOOR HOLD UNIT

REV. BY: DATE: DESCRIPTION:

VOLUME A.3.3.2

DRAFT TENDER

PROJECT:
CLIMATE ACTION - 3No SCIENCE LABORATORIES & 2No HOME ECONOMICS ROOM AT ST TIERNAN'S COMMUNITY SCHOOL, D16

TITLE:
LAYOUT OF NORMAL & EMERGENCY LIGHTING AND FIRE ALARM INSTALLATION - 2No HOME ECONOMIC ROOMS

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DESIGNED: JC DRAWN BY: LP DATE: JUNE 2026 SCALE: AS SHOWN	ARCH: CHECKED BY:
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DRG.No. 6940/E63,65/02	REV. -
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