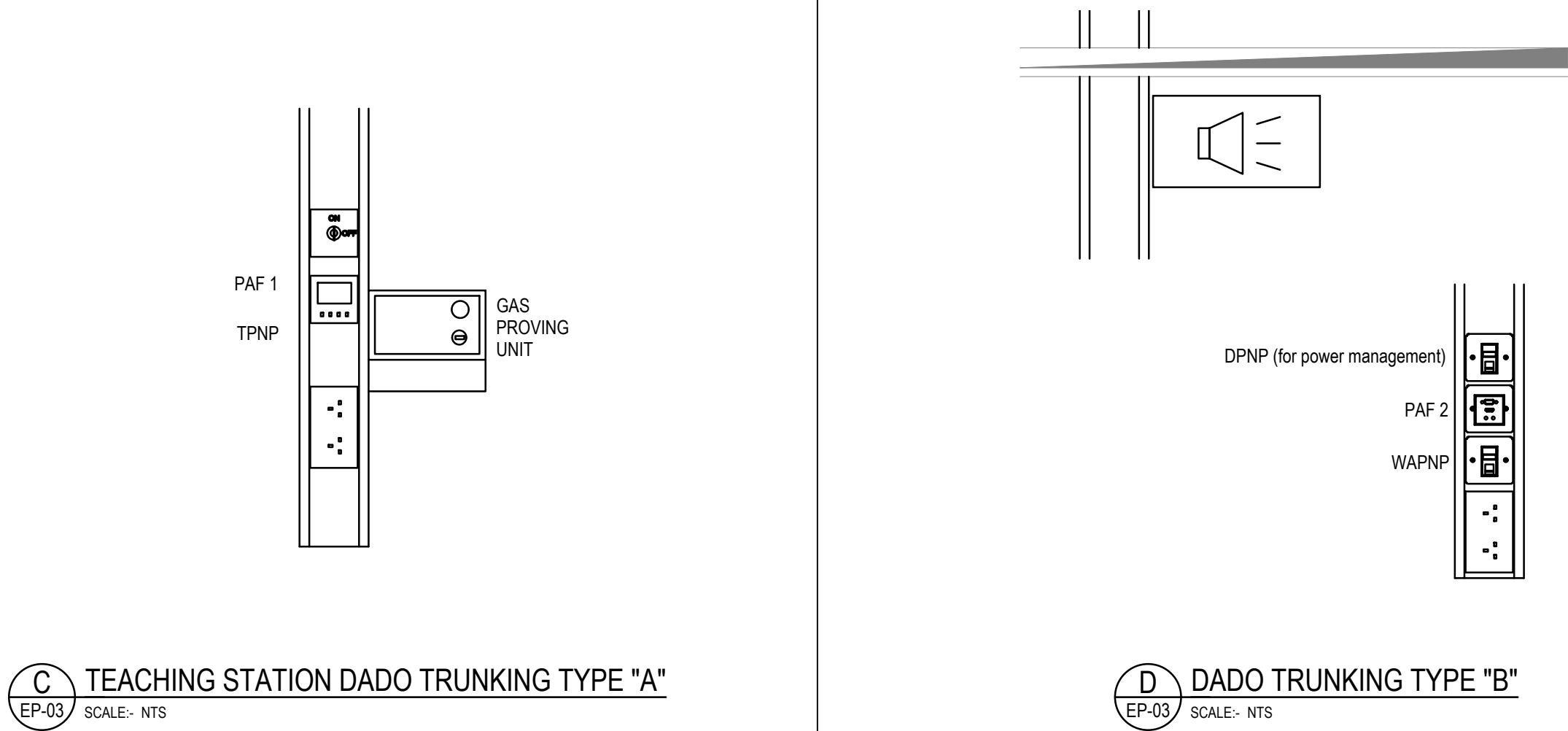




COMMUNICATIONS LEGEND

- ▲ SINGLE SURFACE MOUNTED CAT 6A RJ45 DATA OUTLET WIRED IN CAT 6A 4 PAIR UTP DATA CABLE - MK ELECTRIC METALCLAD PLUS K291 ALM & K3701 PLATE & FRAME AND K5846 WHI OUTLET
- 2 ▲ TWIN SURFACE MOUNTED CAT 6A RJ45 DATA OUTLETS WIRED IN CAT 6A 4 PAIR UTP DATA CABLES - MK ELECTRIC METALCLAD PLUS K292 ALM & K3702 PLATE & FRAME AND 2 No. K5846 WHI OUTLETS
- Δ SINGLE FLUSH/DADO TRUNKING MOUNTED CAT 6A RJ45 DATA OUTLET WIRED IN CAT 6A 4 PAIR UTP DATA CABLE - MK ELECTRIC LOGIC PLUS K182 WHI PLATE & 1 No. K5846 WHI OUTLET & BLANK K170 WHI
- 2 Δ TWIN FLUSH/DADO TRUNKING MOUNTED CAT 6A RJ45 DATA OUTLETS WIRED IN CAT 6A 4 PAIR UTP DATA CABLES - MK ELECTRIC LOGIC PLUS K182 WHI PLATE & 2 No. K5846 WHI OUTLETS
- WI-FI ACCESS POINT - EXISTING ACTIVE EQUIPMENT TO BE RETAINED - PROVIDE NEW NETWORK POINT AND RECONNECT & COMMISSION UNDER THIS CONTRACT

WAP

POWER & GENERAL SERVICES LEGEND

- 2 ▲ TWIN SWITCHED 13A SURFACE SOCKET OUTLET MK METALCLAD PLUS K2946 ALM & K830 ALM (WITHOUT KNOCKOUTS)
- Δ FUSED SPUR OUTLET WITH NEON MK METALCLAD PLUS K942 ALM & K8821 (WITHOUT KNOCKOUTS)
- 13 AMP FUSED SWITCHED DP SPUR OUTLET WITH NEON INDICATOR - MK LOGIC PLUS K1060 WHI
- 2 Δ TWIN UNSWITCHED 13A FLUSH MOUNTED SOCKET OUTLET MK LOGIC PLUS K781WHI
- 2 Δ TWIN SWITCHED 13A FLUSH SOCKET OUTLET MOUNTED ON DADO MK LOGIC PLUS K2747WHI
- 2 Δ TWIN SWITCHED 13A FLUSH SOCKET OUTLET WITH DUAL USB CHARGER PORTS MOUNTED ON DADO - MK LOGIC PLUS K2743WHI
- IS SINGLE UNSWITCHED 13A FLUSH SOCKET OUTLET MOUNTED UNDER WORKTOP LEVEL- MK LOGIC PLUS K870 WHI C/W 20A ISOLATION SWITCH MK K5423 WHI MOUNTED ABOVE COUNTERTOP / APPLIANCE WITH APPLIANCE LABEL AS REQUIRED FRIDGE / DISHWASHER
- EQUIPMENT LOCAL ISOLATOR MK COMMANDO SAFETY SWITCH 6816YEL
- WH 2 KW ELECTRIC WATER HEATER (BY MECHANICAL CONTRACTOR, WIRING BY ELECTRICAL CONTRACTOR ONLY)
- TS NEW ANTI-TAMPER ZONE STAT WITH DIGITAL DISPLAY (BY MECHANICAL CONTRACTOR, WIRING BY ELECTRICAL CONTRACTOR ONLY)

- MV NEW PRESSURE INDEPENDENT TWO PORT ZONE CONTROL VALVE (BY MECHANICAL CONTRACTOR, WIRING BY ELECTRICAL CONTRACTOR ONLY)
- SSV NEW GAS SLAM SHUT VALVE (BY MECHANICAL CONTRACTOR, WIRING BY ELECTRICAL CONTRACTOR ONLY)
- K KEY STOP SWITCH - ISOLATES ALL POWER WITHIN THE CLASSROOM VIA CONTACTOR IN THE THE SUB BOARD (EXCEPT FRIDGE FREEZER)
- G EMERGENCY GAS ISOLATOR SWITCH (TO BE WIRED TO GAS PROVING PANEL)
- Denotes SWITCHBOARD AS SHOWN
- Denotes GAS PROVING PANEL (BY MECHANICAL CONTRACTOR)

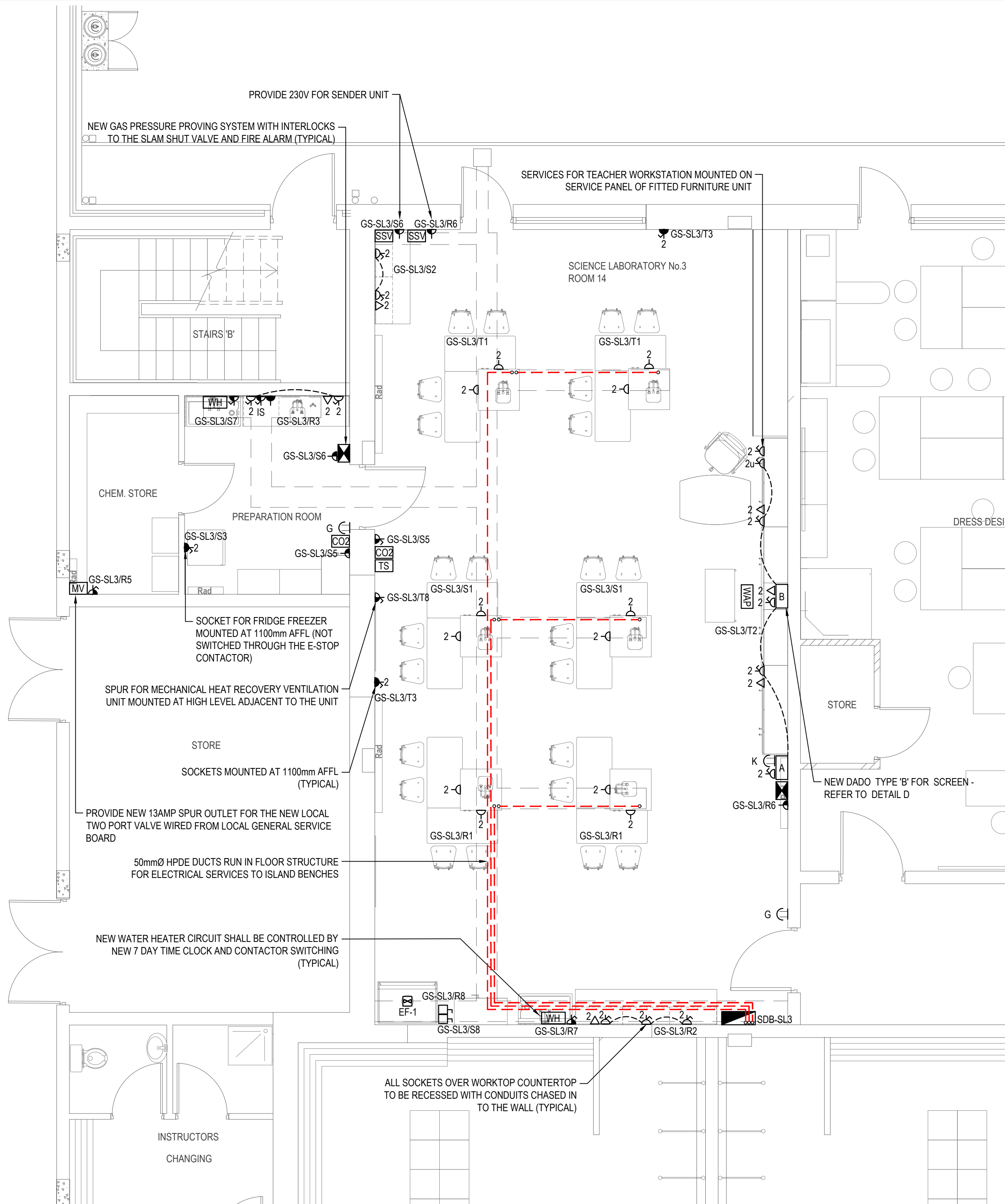
CONTAINMENT LEGEND

- TK-LV/ELV TWO COMPARTMENT GALVANISED STEEL TRUNKING FOR LOW VOLTAGE & EXTRA LOW VOLTAGE CABLES (SIZES AS SHOWN)

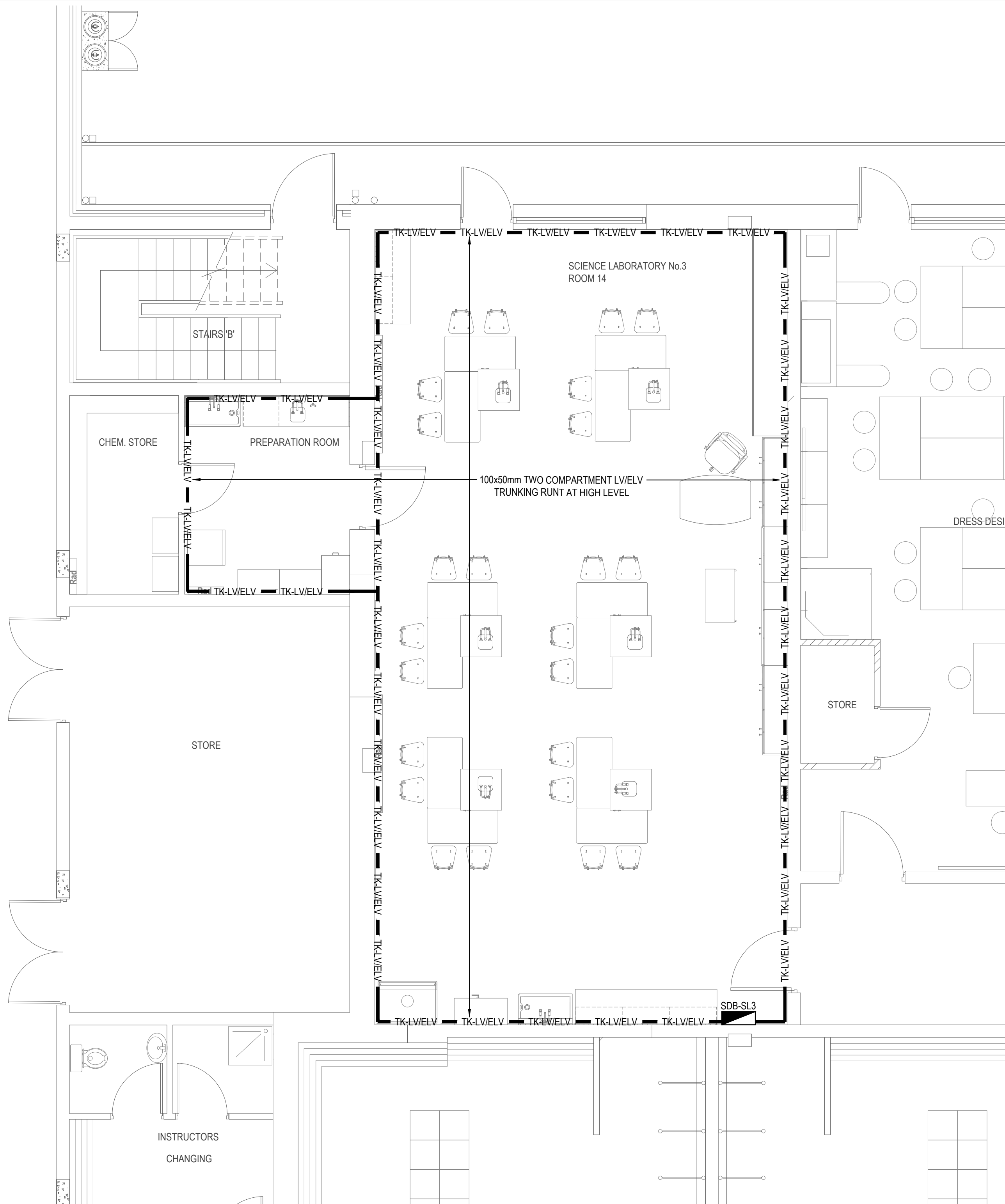
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NOTES:

- THIS DRAWING IS INDICATIVE ONLY AND SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION & ALL OTHER RELEVANT DRAWINGS
- THIS DRAWING MUST NOT BE SCALED. WORK TO THE FIGURED & SITE OBTAINED DIMENSIONS ONLY.
- CONTRACTOR SHALL TAKE FULL COGNISANCE OF THE PRELIMINARY HEALTH AND SAFETY PLAN, AND PROVIDE FULL METHOD STATEMENTS FOR ALL HAZARDOUS OPERATIONS LISTED THEREIN. METHOD STATEMENTS SHALL ALSO BE PROVIDED FOR ANY HAZARDOUS OPERATION WHICH BECOMES APPARENT THROUGHOUT THE CONSTRUCTION PHASE.
- THE MAIN CONTRACTOR WITH RELEVANT SPECIALIST SUB CONTRACTORS SHALL VISIT THE SITE TO DETERMINE THE FULL EXTENT OF THE WORKS PRIOR TO SUBMITTING COMPLETED TENDERS, TO ENSURE ALL COSTS ARE INCLUDED. NO COSTS FOR UNFORESEEN WORK DUE TO LACK OF SITE KNOWLEDGE WILL BE ACCEPTED.
- THE MAIN CONTRACTOR IS RESPONSIBLE FOR SETTING OUT AND SUPERVISING ALL BUILDERS WORKS AS SPECIFIED IN THE TENDER DOCUMENTS. ALL NECESSARY BUILDERS WORKS SHALL BE COMPLETED BY THE BUILDING SUB-CONTRACTOR DOMESTIC TO THE MAIN CONTRACTOR
- THE MAIN SERVICES CONTRACTOR IS FULLY RESPONSIBLE FOR ON SITE CO-ORDINATION WITH SPECIALIST SUB CONTRACTORS, BUILDING WORKS SUB CONTRACTOR AND ALL OTHER TRADES.
- THE ELECTRICAL SUB CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE NEW ELECTRICAL SERVICES SO AS TO ENSURE A NEAT AND FULLY ACCESSIBLE INSTALLATION WITH MINIMAL DISRUPTION TO THE BUILDING AND OTHER EXISTING SERVICES WHICH MUST BE RETAINED IN "AS IS" CONDITION.
- WHERE A PARTICULAR MANUFACTURERS PRODUCTS ARE SPECIFIED IT SHALL BE READ AS EQUAL AND PRE-APPROVED BY THE ENGINEER.
- THE EXISTING LIGHTING AND EMERGENCY LIGHTING IS NOT SHOWN. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR A FULL ON SITE SURVEY TO TRACE AND IDENTIFY THE EXTENT OF THE EXISTING LIGHTING SYSTEMS IN THE UPGRADE AREAS WHICH SHALL BE ISOLATED DISCONNECTED AND STRIPPED OUT. DISPOSE OF ALL FITTINGS AND WASTE TO LICENSED WEEE FACILITY.
- EXACT LOCATION AND SETTING OF THE NEW SERVICES SHALL BE AGREED WITH THE CONSULTING ENGINEERS ON SITE PRIOR TO COMMENCEMENT.
- ONLY MAIN RUNS OF CABLE CONTAINMENT ARE SHOWN ON DRAWINGS. THE CONTRACTOR SHALL ALLOW FOR ALL FINAL CONDUIT DROPS TO GENERAL SERVICES AS REQUIRED. NEW SERVICES ARE TO BE SURFACE RUN GENERALLY AND PAINTED TO MATCH EXISTING ROOM FINISH.
- THE CONTRACTOR SHALL PROVIDE NEW POWER SUPPLY CIRCUITS FOR ALL NEW EQUIPMENT, WATER HEATERS AND RETAINED SERVICES IN THE UPGRADED AREAS AS REQUIRED.
- ALL POWER CABLING SHALL BE RUN IN LSF SINGLES IN A FULLY CONTAINED GALVANISED STEEL TRUNKING AND CONDUIT SYSTEM IN ACCORDANCE WITH THE SPECIFICATION AND IS10101+A1:2024 & TGDs.
- ALL ELV CABLES SHALL BE RUN IN NEW GALVANISED STEEL TRUNKING / TRAY CONTAINMENT WITH SEPARATE CONTAINMENT REQUIRED FOR POWER AND EXTRA LOW VOLTAGE SIGNAL CABLES WITH MINIMUM OF 300mm SEPARATION, EXCEPT WHERE TWO COMPARTMENT TRUNKINGS USED.
- ON COMPLETION OF THE INSTALLATION, THE SYSTEM SHALL BE TESTED AND DEMONSTRATED TO THE ENGINEER/CLIENT AND COMMISSIONED TO ENSURE THAT IT IS OPERATING ACCORDING TO THE DESIGN REQUIREMENTS.



A PROPOSED POWER & GENERAL SERVICES LAYOUT
EP-03 SCALE:- 1:50



B PROPOSED CABLE CONTAINMENT LAYOUT
EP-03 SCALE:- 1:50

T2	REVISED TENDER ISSUE	LL	JF	JF	24/09/26
T1	REVISED TENDER ISSUE	LL	JF	JF	22/05/26
T0	TENDER ISSUE	LL	JF	JF	24/04/26
REV	DESCRIPTION	BY	CHK	APP	DATE

CLIENT:

LIMERICK AND CLARE EDUCATION AND TRAINING BOARD
CAPITAL PROCUREMENT SECTION
STATION ROAD, ENNIS, CO CLARE

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COLÁISTE MUIRE ASKEATON SCIENCE LABS UPGRADE
CLIMATE ACTION SUMMER WORKS 2026 PROJECT

Drawing Title:

PROPOSED POWER & GENERAL SERVICES AND
CONTAINMENT LAYOUT - SCIENCE LAB no.3

Scale 1:50 @ A1	Drawn LL	Checked JF	Approved JF	Date 24/04/2026
Project No. 2621	Type E	Drawing No. 2621-EP-03	Revision T2	

APPROVAL ☐ INFORMATION ☐ TENDER ☒ CONTRACT ☐ CONSTRUCTION ☐