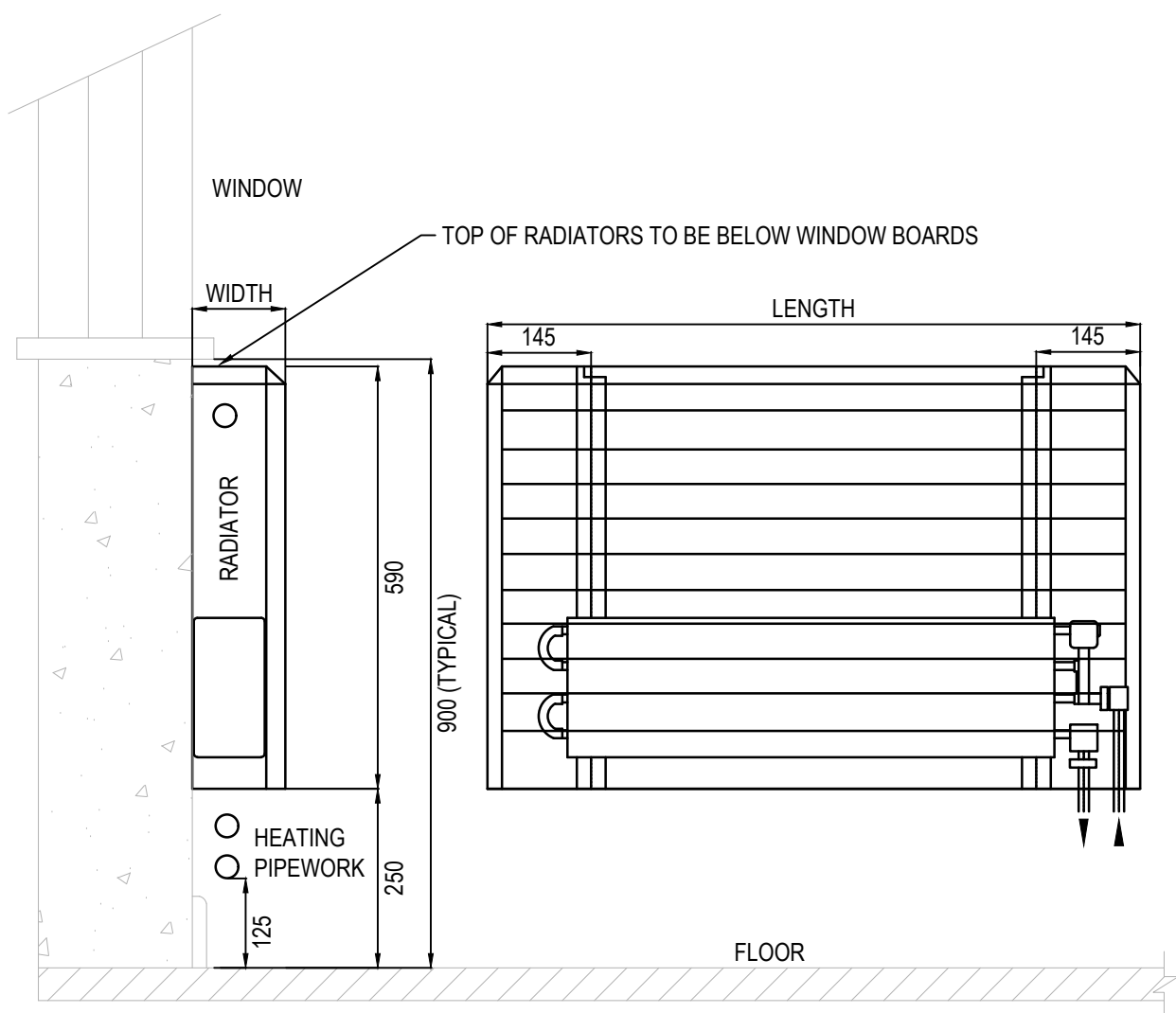
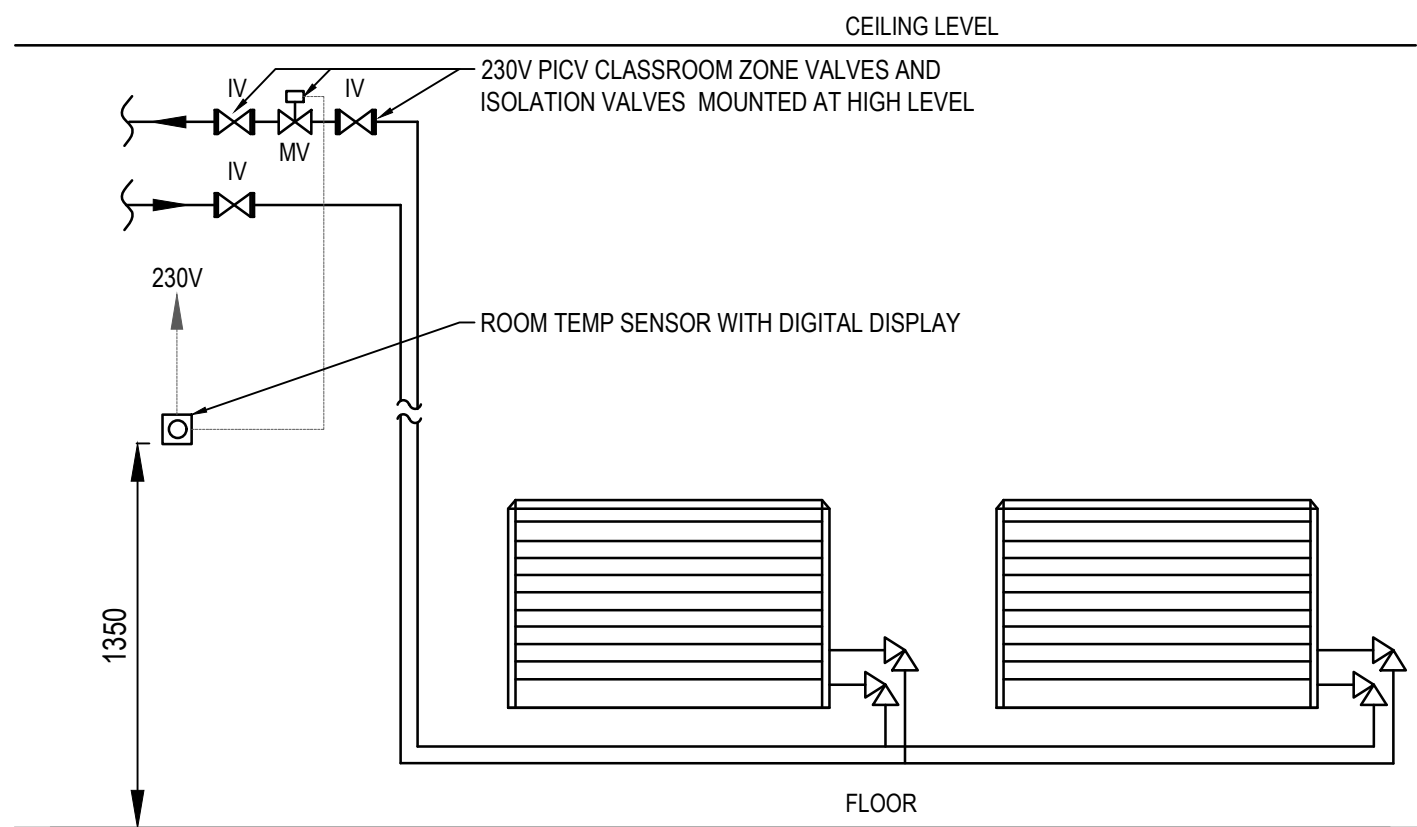




B TYPICAL WALL MOUNTED RADIATOR DETAILS
MH-03 SCALE:- NTS



C TYPICAL SCIENCE LABORATORY HEATING CONTROLS DETAIL
MH-03 SCALE:- NTS

RADIATOR SCHEDULE:						
TAG:	MANUFACTURER / MODEL:	CODE:	LENGTH(mm):	HEIGHT(mm)	DEPTH(mm)	OUTPUT (WATTS)
RAD-01	VERSATILE MAXI WT 590	MAXW.059.630.180.233/WT	630	590	180	877
RAD-02	VERSATILE MAXI WT 590	MAXW.059.1230.180.233/WT	1230	590	180	2117
RAD-03	VERSATILE MAXI WT 590	MAXW.059.1830.180.233/WT	1830	590	180	3358
RAD-04	VERSATILE MAXI WT 590	MAXW.059.2030.180.233/WT	2030	590	180	3771
RAD-05	VERSATILE MAXI WT 590	MAXW.059.1230.180.233/WF	1230	590	180	1605

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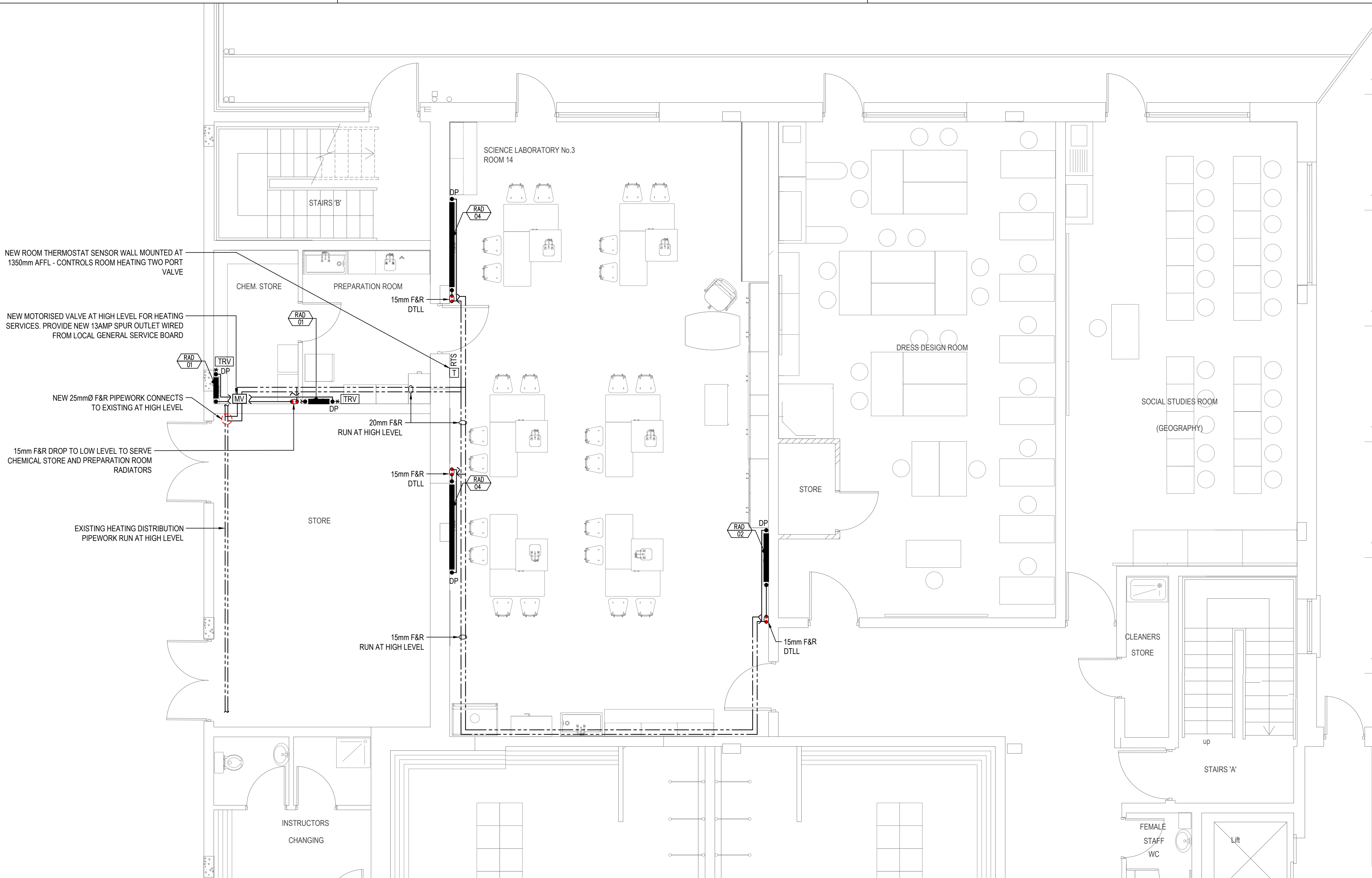
NOTES:

- 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 MECHANICAL SUB CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE NEW MECHANICAL 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.
- RADIATORS TO BE AS MANUFACTURED BY VERSATILE MAXI nZEB RADIATOR RANGE OR EQUAL AND PRE-APPROVED.
- RADIATORS TO BE AS MANUFACTURED BY VERSATILE MAXI nZEB RADIATOR RANGE OR EQUAL AND PRE-APPROVED.
- ALL OPES (WALL & CEILING) SHALL HAVE WALL PLATES INSTALLED AROUND OPE AND PIPE. PLATES SHALL BE CAST WHITE METAL TYPE. IF CONSTRUCTED IN TWO PIECES, THEY SHALL BE FITTED WITH SUBSTANTIAL HINGES AND POSITIVE CATCHES.
- ALL PIPEWORK TO BE MEDIUM GRADE STEEL WITH THREADED CONNECTIONS. PIPEWORK TO BE PAINTED TO MATCH WALL COLOURS / TO CLIENT SELECTED COLOUR BY A SPECIALIST PAINTING SUBCONTRACTOR.
- ALL RADIATORS TO BE MOUNTED AS SPECIFIED IN THE RADIATOR SCHEDULE.
- ALL CONNECTIONS FROM RADIATORS TO HEATING PIPEWORK TO BE 15mmØ MEDIUM GRADE STEEL.
- ALL PIPEWORK LOCATED IN CEILING SPACE TO BE INSULATED WITH FOIL BACKED INSULATION AS PER SPECIFICATION.
- PROVIDE DRAIN OFF POINTS AT ALL END RADIATORS.
- PROVIDE AUTOMATIC AIR VENTS AT ALL HIGH POINTS.

HEATING SERVICES ANNOTATIONS & LEGEND OF SYMBOLS

—	INDICATES PIPEWORK RUN UNDER FLOOR
—	INDICATES PIPEWORK RUN AT LOW LEVEL
—	INDICATES PIPEWORK RUN AT HIGH LEVEL
—	INDICATES PIPEWORK RUN IN ATTIC / CEILING VOID
—	INDICATES RISE/DROP IN PIPEWORK
—	INDICATES "DROP TO LOW LEVEL"
"D.T.L.L."	INDICATES "FROM ABOVE"
"F/A"	INDICATES "TO ABOVE"
"T/A"	INDICATES "FROM BELOW"
"F/B"	INDICATES "FROM BELOW"
"A.P."	ANCHOR POINT
"D.P."	DRAIN OFF POINT

[TRV] *	DENOTES MANUAL TRV
[T]	DENOTES ANTI-TAMPER ROOM STAT WITH DISPLAY
[MV]	DENOTES PRESSURE INDEPENDENT TWO PORT ZONE CONTROL VALVES C/W ISOLATION VALVES AS HERZ 7217V OR EQUAL AND PRE APPROVED
[RAD 01]	NEW RADIATOR AS SCHEDULED



A PROPOSED HEATING SERVICES LAYOUT
MH-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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Project:

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

Drawing Title:

PROPOSED HEATING SERVICES LAYOUT & DETAILS
SCIENCE LABORATORY No.3

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

APPROVAL ☐ INFORMATION ☐ TENDER ☒ CONTRACT ☐ CONSTRUCTION ☐