

GENERAL NOTES

- 1) Do not scale services equipment from this drawing.
- 2) All dimensions should be checked on site.
- 3) Any drawing errors or discrepancies should be brought to the attention of Geaney Engineering Consultants at the address shown below.
- 4) Drawing to be read in conjunction with all other drawings and documentation.

DE-INSTALLATION NOTES:

THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR DISCONNECTING & REMOVING OFF SITE ALL EXISTING GENERAL SERVICES & SMALL POWER WITHIN THE MAIN AREAS OF WORKS TOGETHER WITH ALL OBSOLETE CABLING, CONTAINMENT, FIXINGS & SUPPORTS UNLESS INDICATED OTHERWISE.

THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR ALL NECESSARY MODIFICATIONS TO THE EXISTING GENERAL SERVICES & SMALL POWER INFRASTRUCTURE AS REQUIRED TO FACILITATE THE PROPOSED WORKS.

THE FULL EXTENT OF THE EXISTING GENERAL SERVICES & SMALL POWER INSTALLATIONS ARE NOT INDICATED ON THIS DRAWING. ALL EXISTING GENERAL SERVICES & SMALL POWER INDICATED MUST BE VERIFIED BY THE ELECTRICAL CONTRACTOR. IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO CARRY OUT A SURVEY TO TRACE AND IDENTIFY ALL EXISTING GENERAL SERVICES & SMALL POWER IMPACTED BY THE PROPOSED WORKS.

THE ELECTRICAL CONTRACTOR MUST TRACE END-TO-END, VERIFY USAGE AND MAKE SAFE ALL EXISTING CABLING IN THE AREAS OF WORKS PRIOR TO COMMENCING DE-INSTALLATION WORKS/MODIFICATIONS. ISOLATE AND PHYSICALLY DISCONNECT EXISTING LV SUBMANS AND LV SUB-CIRCUITS AT RESPECTIVE POWER DISTRIBUTION BOARD/S AS REQUIRED PRIOR TO COMMENCING DE-INSTALLATION WORKS/MODIFICATIONS.

EXISTING CABLING RUNNING THROUGH THE MAIN AREAS OF WORKS WHICH SERVES ELECTRICAL INFRASTRUCTURE IN OTHER AREAS WHICH IS TO BE RETAINED SHALL BE IDENTIFIED, LABELLED AND SUITABLY PROTECTED DURING WORKS - ANY EXISTING CABLING WHICH IS NOT MECHANICALLY PROTECTED SHALL BE DIVERTED INTO NEW GALVANISED STEEL CONTAINMENT.

NOTE THAT EXISTING 13A SOCKETS AND POWER POINTS WHICH ARE TO BE DENSITALLED MAY SHARE SUB-CIRCUITS WITH INFRASTRUCTURE OUTSIDE THE MAIN AREAS OF WORKS - THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR ALL NECESSARY MODIFICATIONS TO THE EXISTING CABLING & CONTAINMENT AS REQUIRED.

ALL MODIFICATIONS TO THE EXISTING ELECTRICAL SERVICES INFRASTRUCTURE SHALL BE REVIEWED WITH THE BUILDING SERVICES ENGINEER PRIOR TO COMMENCING WORKS.

EXISTING ELECTRICAL SERVICES INFRASTRUCTURE IN THE AREAS OF WORKS WHICH IS TO BE RETAINED SHALL BE SUITABLY PROTECTED DURING WORKS.

ALLOW FOR RECOMMISSIONING ALL EXISTING SYSTEMS AFFECTED BY THE WORKS.

THE SCHOOL AUTHORITY SHALL BE MADE AWARE THAT ELECTRICAL SERVICES MAY BE OUT-OF-USE AT TIMES IN AREAS OF THE BUILDING'S OUTSIDE THE MAIN AREAS OF WORKS - THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR OUT-OF-HOURS WORKS TO AVOID IMPACTING SERVICES DURING SCHOOL/HOPE HOURS. THE CONTRACTOR IS STRONGLY RECOMMENDED TO VISIT SITE PRIOR TO TENDER TO SURVEY THE AREAS OF WORKS AND FAMILIARISE THEMSELVES WITH THE SCOPE OF WORK INVOLVED WITH THE ABOVE AND ALL OTHER WORKS INDICATED ON THIS DRAWING AND ALL ACCOMPANYING DRAWINGS TO ENSURE THAT ALL DUE ALLOWANCES AND NECESSARY COSTS ARE ACCOUNTED FOR IN THEIR TENDER SUBMISSION. ADDITIONAL COSTS INCURRED DUE TO THIS EXERCISE NOT BEING CARRIED OUT WILL NOT BE ACCEPTED.

Revision	Description	Date	Drawn	Checked
A	Tender Issue	22-Jan-2026	DC	JG



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CONSULTANTS**

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Project title:
Climate Action Summer Works Scheme
Woodwork Room Refurbishment
at Deansraha Community College,
Clondalkin, Dublin 22, Co. Dublin

drawing title:

Existing Electrical General
Services Layout

scale:
1:100 @ A1

architect:
Dermot F Geaney
architects LTD

project number: 0839	drawing number: Volume A. 3.3 - EL1
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WOODWORK ROOM OVERVIEW

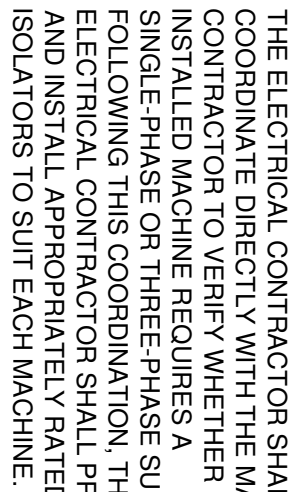
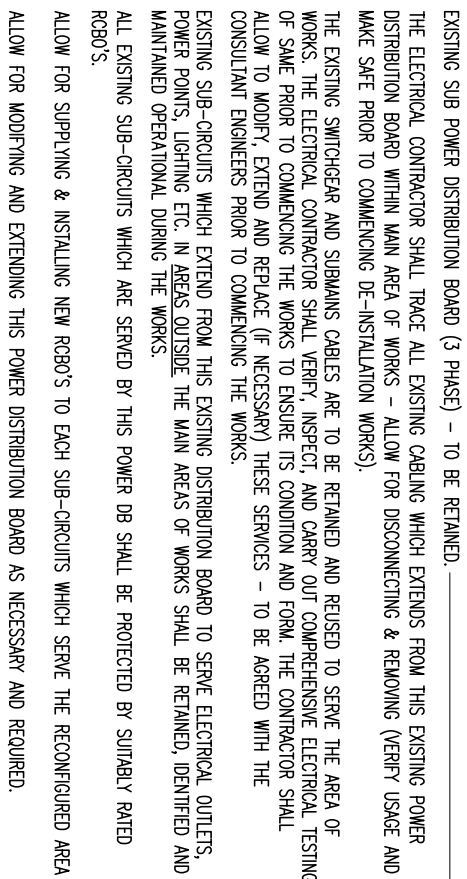


EXISTING CEILING MOUNTED PROFILES TO BE DISCONNECTED
OBERITLY TAKEN DOWN AND HANDED OVER TO SCHOOL AUTHORITY

EXISTING ELECTRIC WATER HEATER AT 16 TO BE DISCONNECTED
AND REMOVED ON WHICH ROSE CONNECTION UNIT



EXISTING SUB DISTRIBUTION BOARD (508-EX)



- | | |
|---|---|
|  | SUB POWER DISTRIBUTION BOARD |
|  | 1.3A SINGLE SOCKET OUTLET - UNBUNDLED TYPE |
|  | 1.5A TWIN SOCKET OUTLET - UNBUNDLED TYPE |
|  | CLAMPERS 1/4 DOUBLE POLE SWITCHED TWIN SOCKET OUTLET |
|  | FIXED CONNECTION UNIT C/W NEON INDICATOR - UNBUNDLED TYPE |
|  | DOUBLE POLE SWITCHED TWIN CONNECTION UNIT C/W NEON INDICATOR |
|  | SINGLE PHASE & NEUTRAL SOLUTION - BATHING AS INDICATED |
|  | THREE PHASE & NEUTRAL SOLUTION - BATHING AS INDICATED |
|  | SINGLE PHASE & NEUTRAL 16 AMPER SINGLE OUTLET (16M) |
|  | 16M AS INDICATED, 16M COMBINATION SINGLE OR COMBINATION |
|  | ALUMINIUM TENSION RODDED SERVICE POLE C/W OUTLETS |
|  | AS INDICATED (GREATER LENGTH OR CORROSION) |
|  | EMERGENCY ANODOXIC POINT - ELECTRICAL SUPPLY |
|  | KEY OPERATED ELECTRICAL SOLAR |
|  | KEY OPERATED ELECTRICAL SOLAR FOR CENTRAL DIST. EXISTING SYSTEM |
|  | AUTOMATIC STOPPING PLATES ON DIST EXISTING OUTCROCK |
|  | GRATED BY 1/2" REINFORCED CONCRETE |
|  | 1/4" IN. W/IN. STRIPED AND TWIN AUTO WIND SOCKET |
|  | 1/4" IN. W/IN. STRIPED AND TWIN AUTO WIND SOCKET |
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- GENERAL SERVICES & SMALL POWER NOTES:

GENERAL SERVICES & SMALL POWER NOTES:

- [illegible]

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Project title:
Climate Action Summer Works Scheme
Woodwork Room Refurbishment
at Deansraha Community College,
Clondalkin, Dublin 22, Co. Dublin

drawing title:

Proposed General Service Small Power Layout

scale:
1:100 @A1

architect:
Dermot E Georhagan Architects LTD

project number:	drawing number:

0839	Volume A. 3.3 - EL101
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GENERAL NOTES

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- 4) Drawing to be read in conjunction with all other drawings and documentation

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, PLUMBING AND STRUCTURAL DRAWINGS & SPECIFICATIONS.

6. THE ELECTRICAL CONTRACTOR SHALL CO-ORDINATE ALL SERVICES WITH ALL TRADES BEFORE COMMENCING WORK.
7. 3.00 NOT SCALE THIS DRAWING, ALL DIMENSIONS SHALL BE GIVEN ON SITE.
8. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION TO LIAISON PERSONS CO-ORDINATION OF ALL SERVICES.
9. ALL WORKS INCURRED DUE TO CO-ORDINATION EXPENSE AND BEING COMPLETED WILL NOT BE ACCEPTED BY THE OWNER.
10. DAILY LOGS OF ALL SERVICES SHALL BE ASSESSED WITH THE EMPLOYERS REPRESENTATIVE PRIOR TO COMMENCEMENT ON SITE.
11. ALL SERVICES AS SHOWN ON THIS DRAWING SHALL BE INCLUDED IN THE FINAL TENDER PRICE.
12. SAMPLE OF ALL EQUIPMENT SHALL BE APPROVED BY CLIENT, ARCHITECT AND BUILDING SERVICES ENGINEER PRIOR TO ORDERING.
13. ALL DIMENSIONS IN MATERIALS MUST BE STATED ON DRAWING.

GENERAL LIGHTING NOTES:

- [illegible]

[illegible]

1. EMERGENCY LIFTING SHALL COMPLY WITH U.S. 29CFR20.17 + AET 2017 (NEW WORKS)
2. EMERGENCY LIFTING SHALL BE CONDUCTED BY THE PERSONNEL TRAINED FOR THIS PURPOSE.
3. EMERGENCY LIFTING OF EMERGENCY LIFTING IS TO BE ONLY WITH PREPARED CERTIFICATE
4. EMERGENCY LIFTING MUST BE CO-OPERATED WITH SHEET SONS AND THEY DO WHICH ARE SUBJECT TO STATUTORY REQUIREMENT.
5. HANOVER MANIPULATORS AND DOCUMENTS SHALL BE PRODUCED IN ACCORDANCE WITH CLAUSES 6.1, 6.2 AND 6.3 IF U.S. IN 2017.
6. EMERGENCY LIFTING TEST UNIT TO BE INSTALLED ON ALL ELECTRICAL BOARDS. SEE SPECIFICATION FOR FURTHER DETAILS.
7. ALL ELECTRICAL TEST UNITS, ETC. SHOULD BE USED VIA INTERFERENCE UNITS AND
8. ALL ELECTRICAL COMPANIES SHALL OBTAIN THE EMERGENCY LIFTING INSULATION PROCEEDINGS. THE REQUIRED LIFT LEVELS AT POINTS OF DISCHARGE IN ACCORDANCE WITH U.S. 29CFR20.17 + AET 2017.

GENERAL & EMERGENCY LIGHTING LEGEND:

- | | |
|----|--|
| 1 | LOGIC SWITCH - ONE WAY |
| 2 | LOGIC SWITCH - TWO WAY |
| 3 | PAIR MOUNTING STRIPS |
| 4 | LEVERING CONTROL WOODIE |
| 5 | |
| 6 | CORROSION PROOF - ALL 120 SURFACE MOUNTED (UNNUMBERED - PMS RATED) |
| 7 | 150 LB. TIE BALL MOUNTED (UNNUMBERED WITH PAIR MOUNTING STRIPS) |
| 8 | LOGIC NOT DERIVATED FROM PMS - PMS RATED |
| 9 | SURFACE MOUNTED MOUNTING (ALL 120 - PMS RATED) |
| 10 | |
| 11 | UNNUMBERED TYPE 120 DSI SON |
| 12 | UNNUMBERED TYPE 120 DSI SON - PMS RATED |

A	Tender Issue	22-Jun-2026	JG
Revision	Description	Date	Drawn
			Checked

**GEANEY
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CONSULTANTS**



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project title:
Climate Action Summer Works Scheme

WOODWORK ROOM REPAIRS
at Deansrath Community College,
Clondalkin, Dublin 22, Co. Dublin

drawing title:

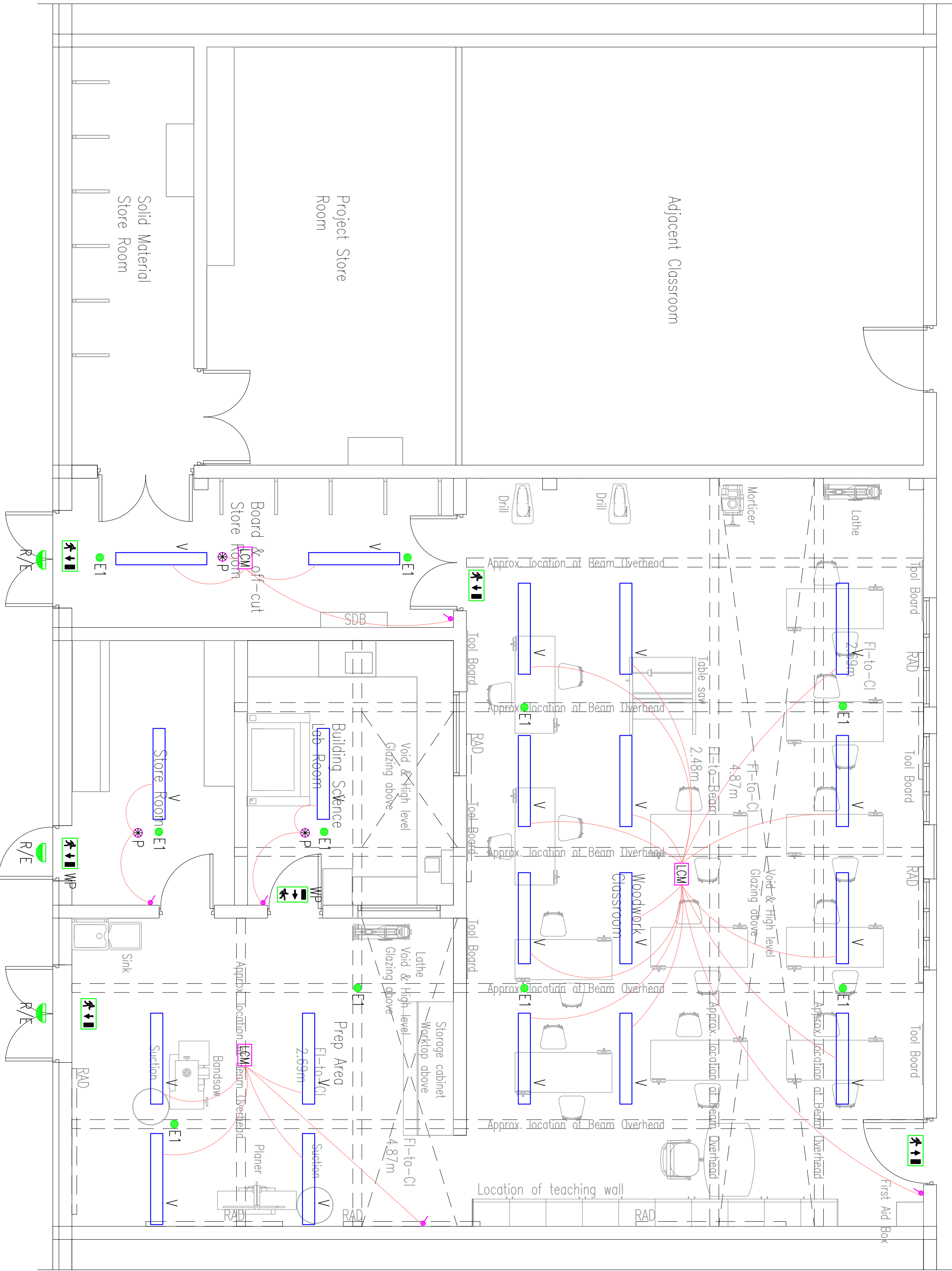
Proposed General & Emergency Lighting Layout

scale:
1:50 @A1

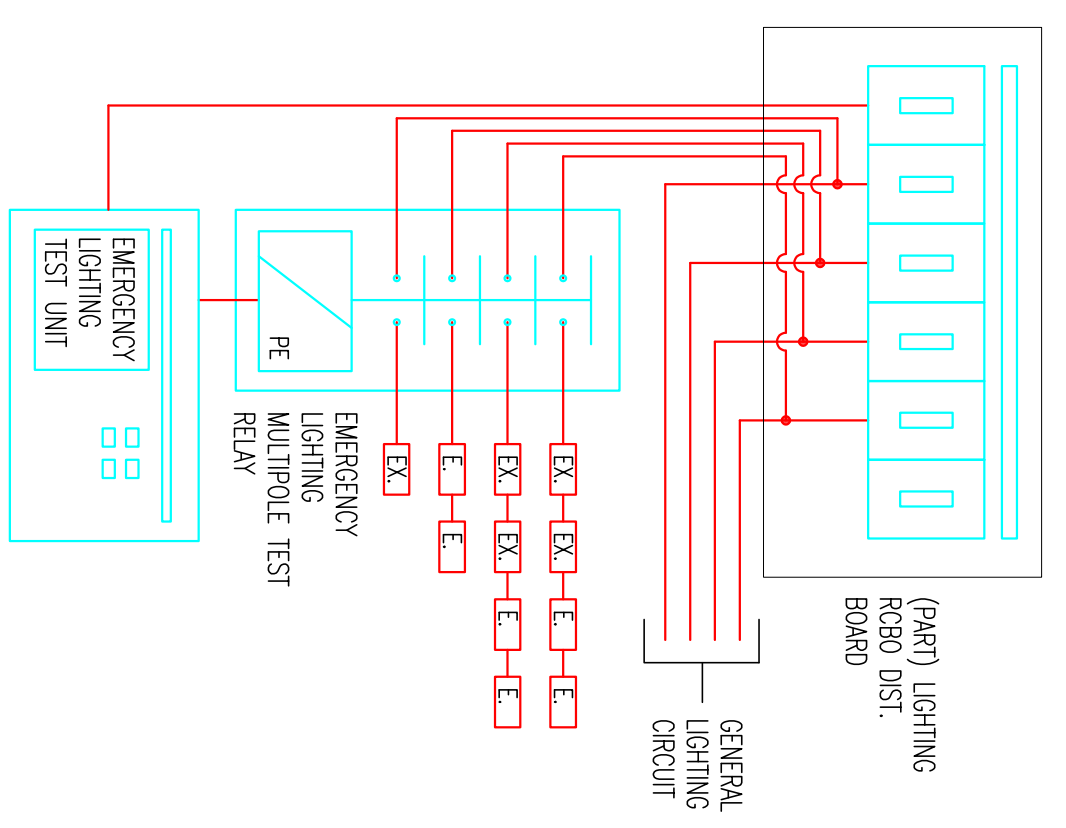
architect:
Dermot E Geoghegan Architects LTD

project number:	drawing number:
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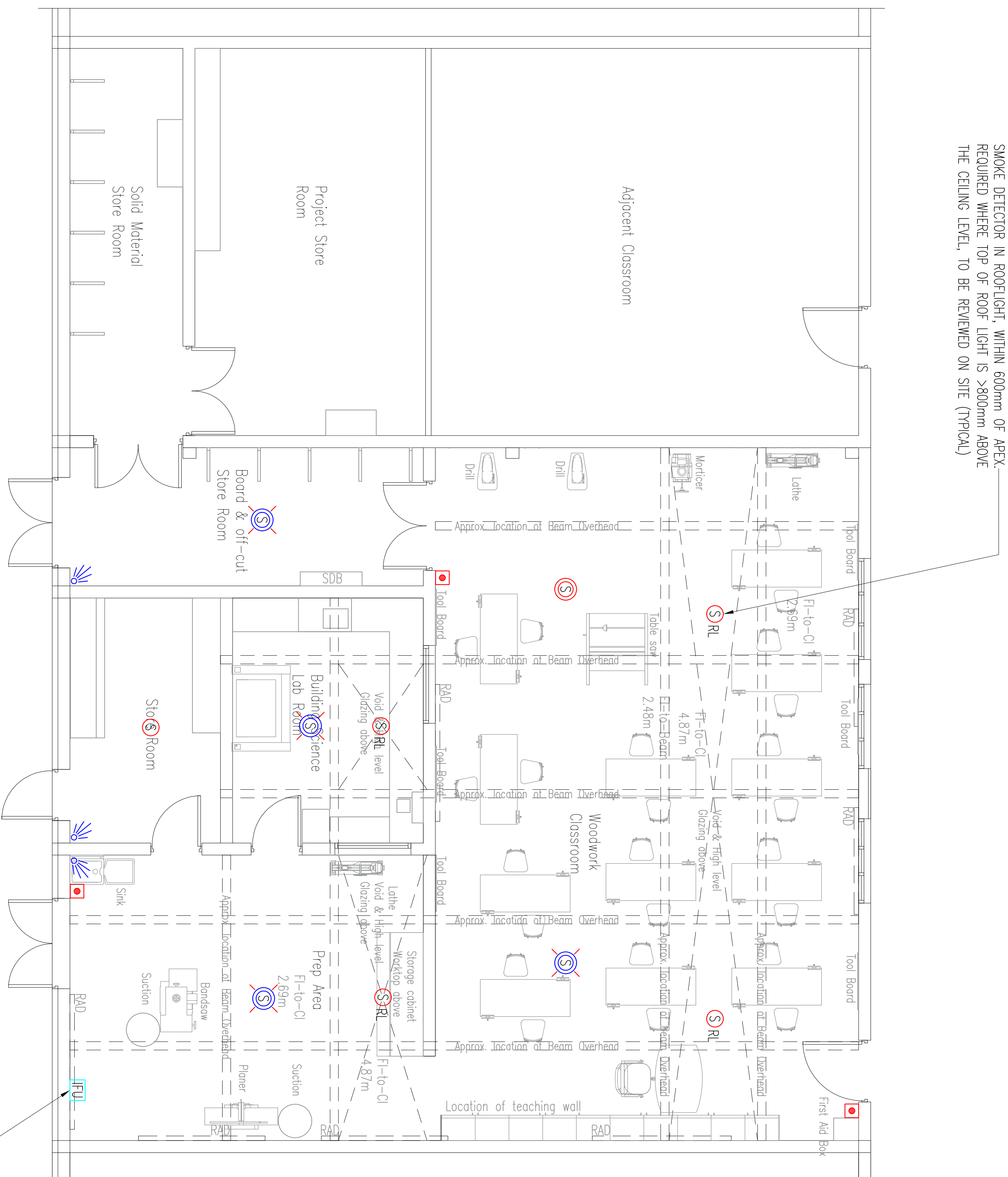
0839	Volume A. 3.3 - EL102
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TYPICAL DETAIL OF EMERGENCY LIGHTING TEST FACILITY (NTS)



scale:	1:50 @ A1	
architect:	Dermot F Geoghegan Architects LTD	
project number:	0839	drawing number: Volume A. 3.3 - EL102



SMOKE DETECTOR IN ROOFLIGHT, WITHIN 600mm OF APEX.
REQUIRED WHERE TOP OF ROOF LIGHT IS >800mm ABOVE
THE CEILING LEVEL, TO BE REVIEWED ON SITE (TYPICAL)

THE MAIN CONTRACTOR AND M&E CONTRACTORS SHALL LIAISE PRIOR TO COMMENCING WORKS SUCH THAT:

- MINIMUM CLEAR SPACE OF 500mm IS MAINTAINED AROUND AND BELOW EACH SMOKE DETECTOR
- MINIMUM CLEAR SPACE OF 1000mm IS MAINTAINED BETWEEN MECHANICAL VENTILATION TENDRONS AND SMOKE DETECTORS

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Geaney Engineering Consultants at the address shown below.
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GENERAL NOTES

1. THE DRAWING SHALL BE READ IN CONNECTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL DRAWINGS & SPECIFICATIONS.
2. THE ELECTRICAL CONTRACTOR SHALL CO-ORDINATE ALL SERVICES ALIQUOT WITH ALL TRADES BEFORE COMMENCING WORK.
3. IT DOES NOT STATE THE DRAWING, ALL DIMENSIONS SHALL BE TAKEN ON SITE.
4. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION TO ALL TRADES CO-ORDINATION OF ALL SERVICES.
5. DIMENSIONS NOTED DEPEND ON THE CO-ORDINATION EXPERTS NOT BEING COMPLETED WILL BE TAKEN ON SITE.
6. THE ELECTRICAL CONTRACTOR SHALL BE AGREED WITH THE EMPLOYERS REPRESENTATIVE PRIOR TO COMMUNICATION ON SITE.
7. ALL SERVICES AS SHOWN ON THE DRAWING SHALL BE INCLUDED IN THE FINAL TENDER PRICE.
8. STATE OF ALL DIMENSIONS SHALL BE APPROVED BY CLIENT, ARCHITECT AND BUILDING SERVICES ENGINEER PRIOR TO ORDERING.

FIRE ALARM & DETECTION NOTES:

- [illegible]

INTRUDER ALARM NOTES

- [illegible]

FIRE ALARM & DETECTION LEGEND

- | | |
|---|---|
|  | SMOKE DETECTOR |
|  | SMOKE DETECTOR WITH SOUNDER BASE |
|  | SMOKE DETECTOR WITH SOUNDER BASE & LED STROBE |
|  | MANUAL CALL POINT (RESETTABLE, 1A KC7) |
|  | FIRE ALARM INTERFACE UNIT |

INTRUDER ALARM LEGEND:

-
- INTRUDER ALARM DUAL TECH PASSIVE INFRARED MOTION DETECTOR

A	Tender Issue	22-Jun-2026	
Revision	Description	Date	Drawn Checked

**GEANEY
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INTERFACE UNIT FOR CENTRAL DUST EXTRACT SYSTEM
WITH THE NEW FIRE ALARM & DETECTION SYSTEM - IT
SHALL DE-ENERGISE UPON ACTIVATION OF FIRE ALARM

drawing title:

Proposed Fire Alarm & Detection and Protective Services Layout

scale:
1:50 @A1

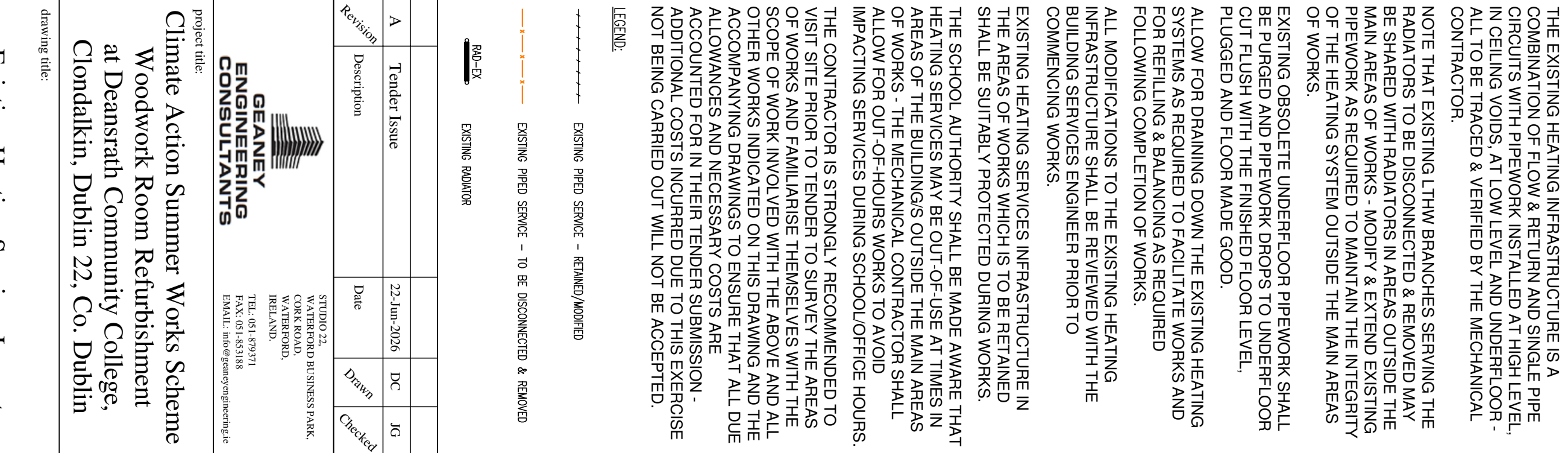
architect:
Dermot F Geoghegan Architects LTD

project number:	drawing number:
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EXISTING RADIATOR TYPE IN WOODWORK ROOM



1) Do not scale services equipment from this drawing

2. All dimensions should be rounded to the nearest 1/8 inch.
 3. Any drawing errors or divergences should be brought to the attention of Geary Engineering Consultants at the address shown below.
 4. Drawings to be placed in conjunction with all other drawing and documentation.
- NOTES:**
1. THE DRAWING SHALL BE USED IN CONNECTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL, AND STRUCTURAL SPECIFICATIONS.
 2. THE MECHANICAL COMPONENTS SHALL CO-ORDINATE ALL SERVICES TIED WITH ALL THINGS TO BE INSTALLED.
 3. DO NOT CUT THE DRAWING, ALL DIMENSIONS SHALL BE WORK ON THIS.
 4. THE MECHANICAL COMPONENTS SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY WEAPONS TO ALLOW PROPER CO-ORDINATION OF ALL SERVICES.
 5. SERVICE CABLES MOUNTED TO THE CO-ORDINATION BETWEEN THE SERVICE CONDUIT WILL BE PLACED TO THE RIGHT OF THE SERVICE CONDUIT.
 6. SPACE LOCATION OF ALL SERVICES SHALL BE AGREED WITH THE ARCHITECTS REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK.
 7. ALL SERVICES ARE SHOWN ON THE DRAWING SHALL BE INSTALLED IN THE FINAL DIRECTION OF THE SERVICE SHALL BE APPROVED BY THE ARCHITECT.
 8. ALL DIMENSIONS IN MATERIALS SHALL BE PROVIDED BY CLIENT, ARCHITECT AND BUILDING SERVICES CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.

DE-INSTALLATION NOTES:

THE MECHANICAL CONTRACTOR SHALL ALLOW FOR DISCONNECTING & REMOVING OFF SITE ALL EXISTING OBSOLETE HEATING SERVICES WITHIN THE MAIN AREAS OF WORKS TOGETHER WITH ALL OBSOLETE FIXINGS & SUPPORTS.

THE MECHANICAL CONTRACTOR SHALL ALLOW FOR ALL NECESSARY MODIFICATIONS TO THE EXISTING HEATING SERVICES INFRASTRUCTURE AS REQUIRED TO FACILITATE THE PROPOSED WORKS.

THE FULL EXTENT OF THE EXISTING HEATING SERVICES INSTALLATIONS ARE NOT INDICATED ON THIS DRAWING. ALL EXISTING HEATING SERVICES INDICATED MUST BE VERIFIED BY THE MECHANICAL CONTRACTOR. IT SHALL BE THE MECHANICAL CONTRACTOR'S RESPONSIBILITY TO CARRY OUT A SURVEY TO TRACE AND IDENTIFY ALL EXISTING HEATING SERVICES IMPACTED BY THE PROPOSED WORKS.

THE EXISTING HEATING INFRASTRUCTURE IS A COMBINATION OF FLOW & RETURN AND SINGLE PIPE CIRCUITS WITH PIPEWORK INSTALLED AT HIGH LEVEL, IN CEILING VOIDS, AT LOW LEVEL AND UNDERFLOOR - ALL TO BE TRACED & VERIFIED BY THE MECHANICAL CONTRACTOR.

NOTE THAT EXISTING LTHW BRANCHES SERVING THE RADIATORS TO BE DISCONNECTED & REMOVED MAY BE SHARED WITH RADIATORS IN AREAS OUTSIDE THE MAIN AREAS OF WORKS - MODIFY & EXTEND EXISTING PIPEWORK AS REQUIRED TO MAINTAIN THE INTEGRITY OF THE HEATING SYSTEM OUTSIDE THE MAIN AREAS OF WORKS.

EXISTING OBSOLETE UNDERFLOOR PIPEWORK SHALL BE PURGED AND PIPEWORK DROPS TO UNDERFLOOR CUT FLUSH WITH THE FINISHED FLOOR LEVEL, PLUGGED AND FLOOR MADE GOOD.

ALLOW FOR DRAINING DOWN THE EXISTING HEATING SYSTEMS AS REQUIRED TO FACILITATE WORKS AND FOR REFILLING & BALANCING AS REQUIRED FOLLOWING COMPLETION OF WORKS.

ALL MODIFICATIONS TO THE EXISTING HEATING INFRASTRUCTURE SHALL BE REVIEWED WITH THE BUILDING SERVICES ENGINEER PRIOR TO COMMENCING WORKS.

EXISTING HEATING SERVICES INFRASTRUCTURE IN THE AREAS OF WORKS WHICH IS TO BE RETAINED SHALL BE SUITABLY PROTECTED DURING WORKS. THE SCHOOL AUTHORITY SHALL BE MADE AWARE THAT HEATING SERVICES MAY BE OUT-OF-USE AT TIMES IN AREAS OF THE BUILDINGS OUTSIDE THE MAIN AREAS OF WORKS. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR OUT-OF-HOURS WORKS TO AVOID IMPACTING SERVICES DURING SCHOOL/OFFICE HOURS.

THE CONTRACTOR IS STRONGLY RECOMMENDED TO VISIT SITE PRIOR TO TENDER TO SURVEY THE AREAS OF WORKS AND FAMILIARISE THEMSELVES WITH THE SCOPE OF WORK INVOLVED WITH THE ABOVE AND ALL OTHER WORKS INDICATED ON THIS DRAWING AND THE ACCOMPANYING DRAWINGS TO ENSURE THAT ALL DUE ALLOWANCES AND NECESSARY COSTS ARE ACCOUNTED FOR IN THEIR TENDER SUBMISSION. ADDITIONAL COSTS INCURRED DUE TO THIS EXERCISE NOT BEING CARRIED OUT WILL NOT BE ACCEPTED.

LEGEND:

- EXISTING PIPED SERVICE - RETAINED/MOVED
- EXISTING PIPED SERVICE - TO BE DISCONNECTED & REMOVED
- RAD-EX
EXISTING RADATOR

A	Tender Issue	22-Jun-2026	DC	JG
Revision	Description	Date	Drawn	Checked

STUDIO 22.
WATERFORD BUSINESS PARK,
CORK ROAD,
WATERFORD,
IRELAND.

**GEANEY
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project title:
**Climate Action Summer Works Scheme
Woodwork Room Refurbishment
at Deansrath Community College,
Clondalkin, Dublin 22, Co. Dublin**

drawing title:

Existing Heating Services Layout

scale: 1:50 @A1

architect:
Dermot E Geoghegan Architects LTD

project number:	drawing number:

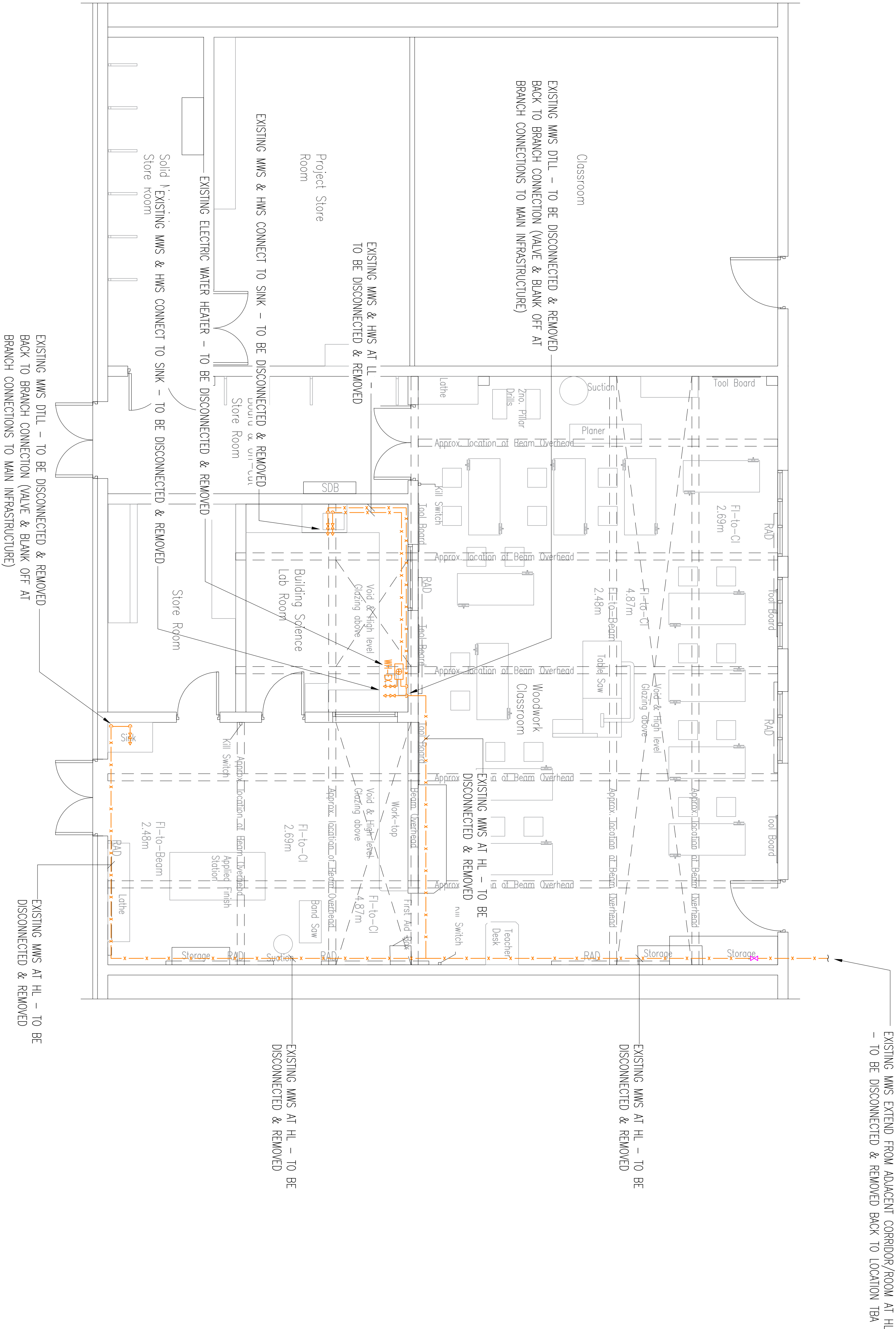
0839 | Volume A. 3.3 - M1



EXISTING WMS TO WOODWORK ROOM



EXISTING ELECTRIC WATER HEATER (WH-EX)



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NOTES:

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2. THE MECHANICAL CONTRACTOR SHALL CO-ORDINATE ALL SERVICES FULLY WITH ALL TRADES.
3. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS SHALL BE TAKEN ON SITE.
4. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION TO ALLOW PROPER CO-ORDINATION OF ALL SERVICES.
5. EXISTING COSTS INCURRED DUE TO THE CO-ORDINATION OF ALL SERVICES.
6. EXACT LOCATION OF ALL SERVICES SHALL BE AGREED WITH THE EMPLOYERS REPRESENTATIVE PRIOR TO COMMENCEMENT ON SITE.
7. ALL SERVICES AS SHOWN ON THIS DRAWING SHALL BE INCLUDED IN THE FINAL TENDER.
8. SAMPLE OF ALL EQUIPMENT SHALL BE APPROVED BY CLIENT, ARCHITECT AND BUILDING SERVICES ENGINEER PRIOR TO ORDERING.
9. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.

DE-INSTALLATION NOTES:

THE MECHANICAL CONTRACTOR SHALL ALLOW FOR DISCONNECTING & REMOVING OFF SITE ALL EXISTING OBSOLETE DOMESTIC WATER SERVICES WITHIN THE MAIN AREAS OF WORKS TOGETHER WITH ALL OBSOLETE FIXINGS & SUPPORTS.

THE MECHANICAL CONTRACTOR SHALL ALLOW FOR ALL NECESSARY MODIFICATIONS TO THE EXISTING DOMESTIC WATER SERVICES INFRASTRUCTURE AS REQUIRED TO FACILITATE THE PROPOSED WORKS.

THE FULL EXTENT OF THE EXISTING DOMESTIC WATER SERVICES INSTALLATIONS ARE NOT INDICATED ON THIS DRAWING. ALL EXISTING DOMESTIC WATER SERVICES INDICATED MUST BE VERIFIED BY THE MECHANICAL CONTRACTOR. IT SHALL BE THE MECHANICAL CONTRACTORS RESPONSIBILITY TO CARRY OUT A SURVEY TO TRACE AND IDENTIFY ALL EXISTING DOMESTIC WATER SERVICES IMPACTED BY THE PROPOSED WORKS.

NOTE THAT SOME EXISTING DOMESTIC WATER SERVICES BRANCHES SERVING THE FIXTURES TO BE DISCONNECTED & REMOVED MAY BE SHARED WITH FIXTURES IN AREAS OUTSIDE THE MAIN AREAS OF WORKS - MODIFY & EXTEND EXISTING PIPEWORK AS REQUIRED TO MAINTAIN THE INTEGRITY OF THE DOMESTIC WATER SYSTEM OUTSIDE THE MAIN AREAS OF WORKS.

ALLOW FOR ISOLATING & DRAINING DOWN THE EXISTING DOMESTIC WATER SYSTEMS AS REQUIRED TO FACILITATE WORKS AND FOR REFILLING AS REQUIRED FOLLOWING COMPLETION OF WORKS.

ALL MODIFICATIONS TO THE EXISTING DOMESTIC WATER SERVICES SHALL BE REVIEWED WITH THE BUILDING SERVICES ENGINEER PRIOR TO COMMENCING WORKS.

EXISTING DOMESTIC WATER SERVICES INFRASTRUCTURE IN THE AREAS OF WORKS WHICH IS TO BE RETAINED SHALL BE SUITABLY PROTECTED DURING WORKS.

THE SCHOOL AUTHORITY SHALL BE MADE AWARE THAT DOMESTIC WATER SERVICES MAY BE OUT-OF-USE AT TIMES IN AREAS OF THE BUILDINGS OUTSIDE THE MAIN AREAS OF WORKS - THE MECHANICAL CONTRACTOR SHALL ALLOW FOR OUT-OF-HOURS WORKS TO AVOID IMPACTING SERVICES DURING SCHOOL/OFFICE HOURS. THE CONTRACTOR IS STRONGLY RECOMMENDED TO VISIT SITE PRIOR TO TENDER TO SURVEY THE AREAS OF WORKS AND FAMILIARISE THEMSELVES WITH THE SCOPE OF WORK INVOLVED ON THIS DRAWING AND ALL ACCOMPANYING DRAWINGS TO ENSURE THAT ALL DUE ALLOWANCES AND NECESSARY COSTS ARE ACCOUNTED FOR IN THEIR TENDER SUBMISSION. ADDITIONAL COSTS INCURRED DUE TO THIS EXERCISE NOT BEING CARRIED OUT WILL NOT BE ACCEPTED.

LEGEND:

EXISTING PROPOSED SERVICE - TO BE DISCONNECTED & REMOVED

EXISTING WATER SERVICES FUTURE OUTLET/CONNECTION

EXISTING ELECTRIC WATER HEATER

Revision	Description	Date	Drawn	Checked
A	Tender Issue	22-Jan-2025	DC	JG



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ENGINEERING
CONSULTANTS**

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project title:
**Climate Action Summer Works Scheme
Woodwork Room Refurbishment
at Deansrath Community College,
Clondalkin, Dublin 22, Co. Dublin**

drawing title:

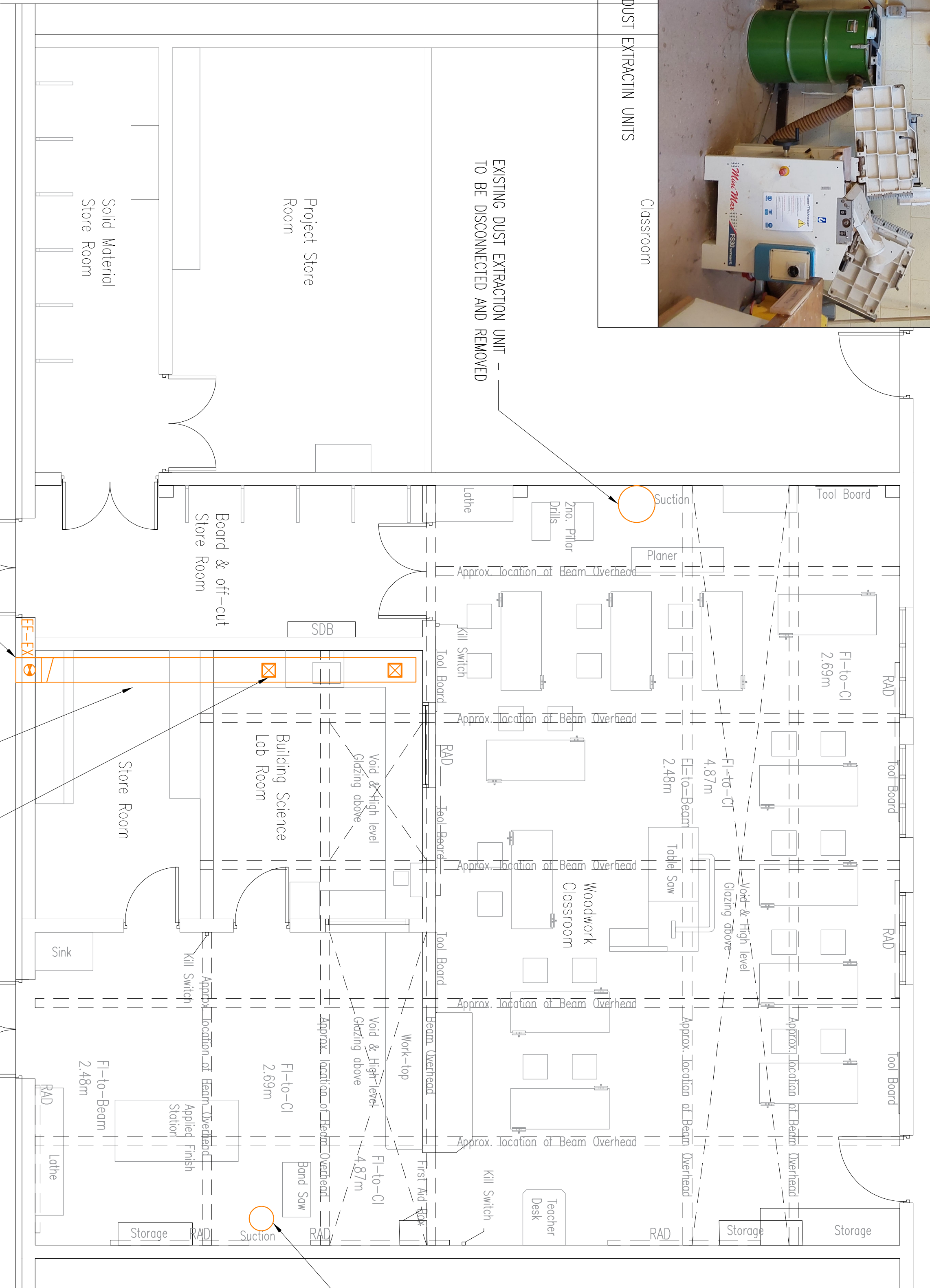
**Existing Domestic Water
Services Layout**

scale:
1:50 @ A1

architect:
Dermot F Geaney Architects LTD

project number:
0839

drawing number:
Volume A. 3.3 - M2



GENERAL NOTES

- 1) Do not scale services equipment from this drawing.
- 2) All dimensions should be checked on site.
- 3) Any drawing errors or divergences should be brought to the attention of Geaney Engineering Consultants at the address shown below.
- 4) Drawing to be read in conjunction with all other drawings and documentation.

NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL DRAWINGS & SPECIFICATIONS.
2. THE MECHANICAL CONTRACTOR SHALL CO-ORDINATE ALL SERVICES FULLY WITH ALL TRADES
3. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS SHALL BE TAKEN ON SITE.
4. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION TO ALLOW PROPER CO-ORDINATION OF ALL SERVICES.
5. EXTRA COSTS INCURRED DUE TO THE CO-ORDINATION EXPENSE NOT BEING COMPLETED WILL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.
6. EXACT LOCATION OF ALL SERVICES SHALL BE AGREED WITH THE EMPLOYERS REPRESENTATIVE PRIOR TO COMMENCEMENT ON SITE.
7. ALL SERVICES AS SHOWN ON THIS DRAWING SHALL BE INCLUDED IN THE FINAL TENDER SUMMARY OF ALL EQUIPMENT SHALL BE APPROVED BY CLIENT, ARCHITECT AND BUILDING SERVICES ENGINEER PRIOR TO ORDERING.
8. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.

DE-INSTALLATION NOTES:

THE MECHANICAL CONTRACTOR SHALL ALLOW FOR DISCONNECTING & REMOVING OFF SITE ALL EXISTING OBSOLETE VENTILATION SERVICES WITHIN THE MAIN AREAS OF WORKS TOGETHER WITH ALL OBSOLETE FIXINGS & SUPPORTS.

THE MECHANICAL CONTRACTOR SHALL ALLOW FOR ALL NECESSARY MODIFICATIONS TO THE EXISTING VENTILATION SERVICES INFRASTRUCTURE AS REQUIRED TO FACILITATE THE PROPOSED WORKS. THE FULL EXTENT OF THE EXISTING VENTILATION SERVICES INSTALLATIONS ARE NOT INDICATED BY THIS DRAWING. ALL EXISTING VENTILATION SERVICES INDICATED MUST BE VERIFIED BY THE MECHANICAL CONTRACTOR. IT SHALL BE THE MECHANICAL CONTRACTORS RESPONSIBILITY TO CARRY OUT A SURVEY TO TRACE AND IDENTIFY ALL EXISTING VENTILATION SERVICES IMPACTED BY THE PROPOSED WORKS.

ALL MODIFICATIONS TO THE EXISTING VENTILATION INFRASTRUCTURE SHALL BE REVIEWED WITH THE BUILDING SERVICES ENGINEER PRIOR TO COMMENCING WORKS.

EXISTING VENTILATION INFRASTRUCTURE IN THE AREAS OF WORKS WHICH IS TO BE RETAINED SHALL BE SUITABLY PROTECTED DURING WORKS.

THE CONTRACTOR IS STRONGLY RECOMMENDED TO VISIT SITE PRIOR TO TENDER TO SURVEY THE AREAS OF WORKS AND FAMILIARISE THEMSELVES WITH THE SCOPE OF WORK INVOLVED WITH THE ABOVE AND ALL OTHER WORKS INDICATED ON THIS DRAWING AND THE ACCOMPANYING DRAWINGS TO ENSURE THAT ALL DUE ACCOUNTS OF ALL NECESSARY WORKS ARE TAKEN INTO CONSIDERATION. ANY ADDITIONAL COSTS INCURRED DUE TO THIS EXERCISE NOT BEING CARRIED OUT WILL NOT BE ACCEPTED.

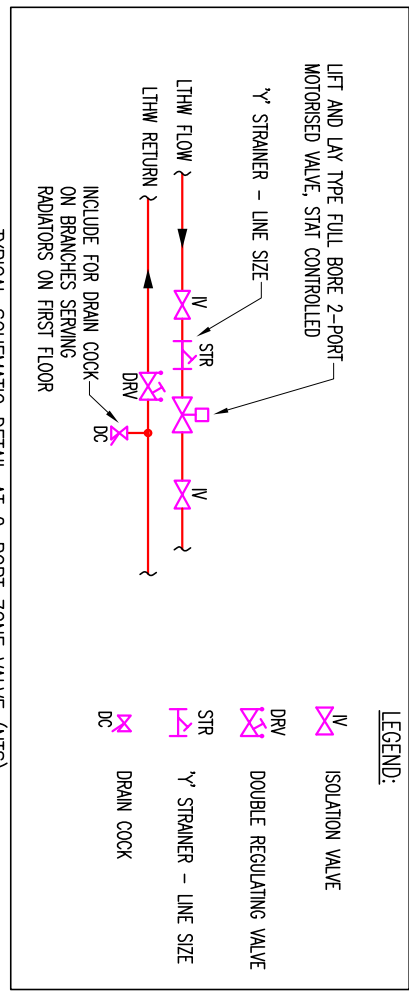
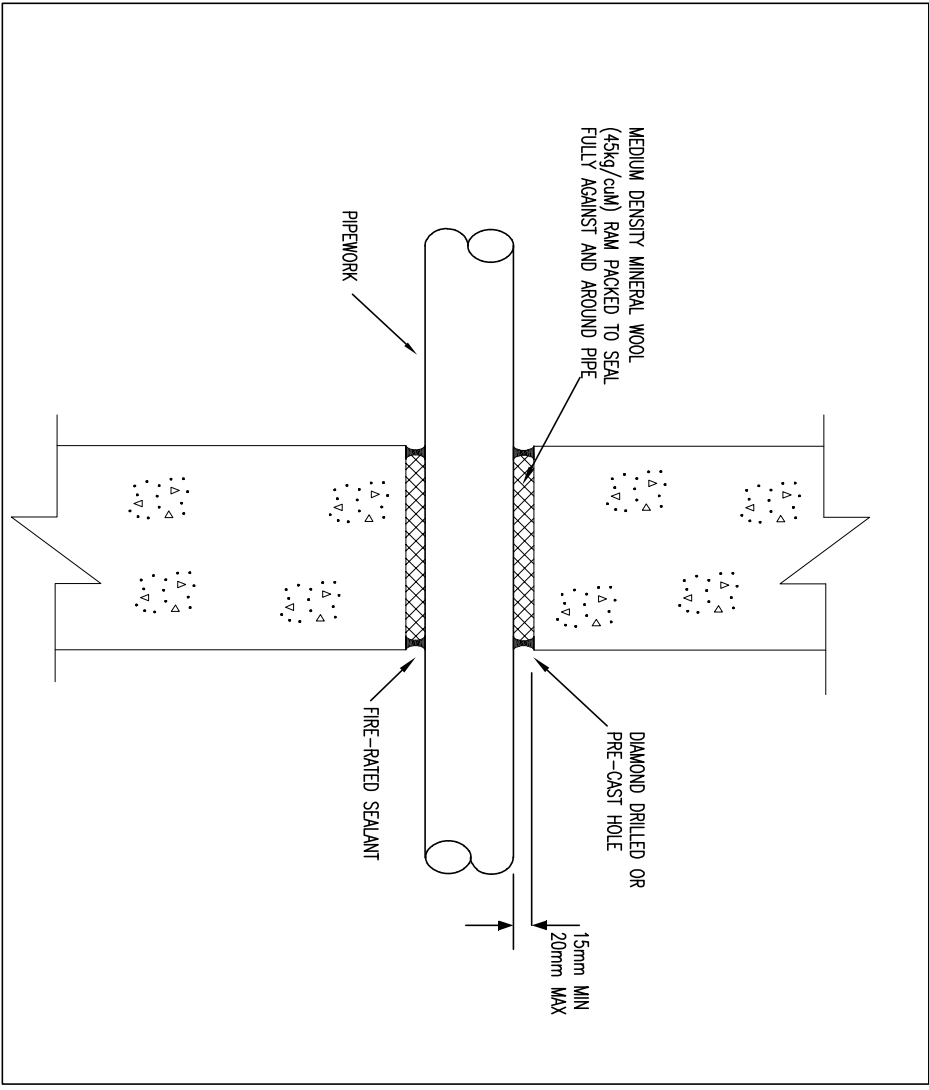
Revision			
A	Tender Issue	22-Jan-2025	DC JG
	Description	Date	Drawn Checked
 GEANEY ENGINEERING CONSULTANTS STATION 22 WINDMILL BUSINESS PARK, CORK ROAD, WILLIAMSBORO, IRELAND TEL: 061 893971 FAX: 061 853188 EMAIL: info@geaney.ie			
project title: Climatc Action Summer Works Scheme Woodwork Room Refurbishment at Deansraih Community College, Clondalkin, Dublin 22, Co. Dublin			
drawing title: Existing Ventilation Services Layout			
scale: 1:50 @ A1			
architect: Dermot F Geaney Architects LTD			
project number: 0839	drawing number: Volume A. 3.3 - M3		

ALL SERVICE PENETRATIONS THROUGH FIRE-RATED ELEMENTS, INCLUDING WALLS, FLOORS, CEILINGS, AND SHAFTS, SHALL BE SEALED WITH FIRE RETARDING SEALANT TO MAINTAIN THE REQUIRED FIRE RESISTANCE PERIOD OF THE ELEMENT PENETRATED.

FIRE STOPPING SYSTEMS SHALL BE TESTED AND CERTIFIED IN ACCORDANCE WITH RELEVANT REGULATIONS AS IS EN 1366 & IS EN 13501

FIRE STOPPING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS TESTED DETAILS AND BY COMPETENT SPECIALIST

COORDINATION WITH THE FIRE STRATEGY AND ARCHITECTURAL DRAWINGS IS REQUIRED PRIOR TO INSTALLATION



HEATING SERVICES LEGEND:

RAD - RADIATOR

2-PORT MOTORISED ZONE CONTROL VALVE, STM CONTROLLED

EXISTING PREP SERVICE - RETAINED/MOUNTED

PREP SERVICE AT HIGH LEVEL

PREP SERVICE AT LOW LEVEL

Revision	Description	Date	Drawn	Checked
A	Tender Issue	22-Jan-2025	DC	JG



**GEANEY
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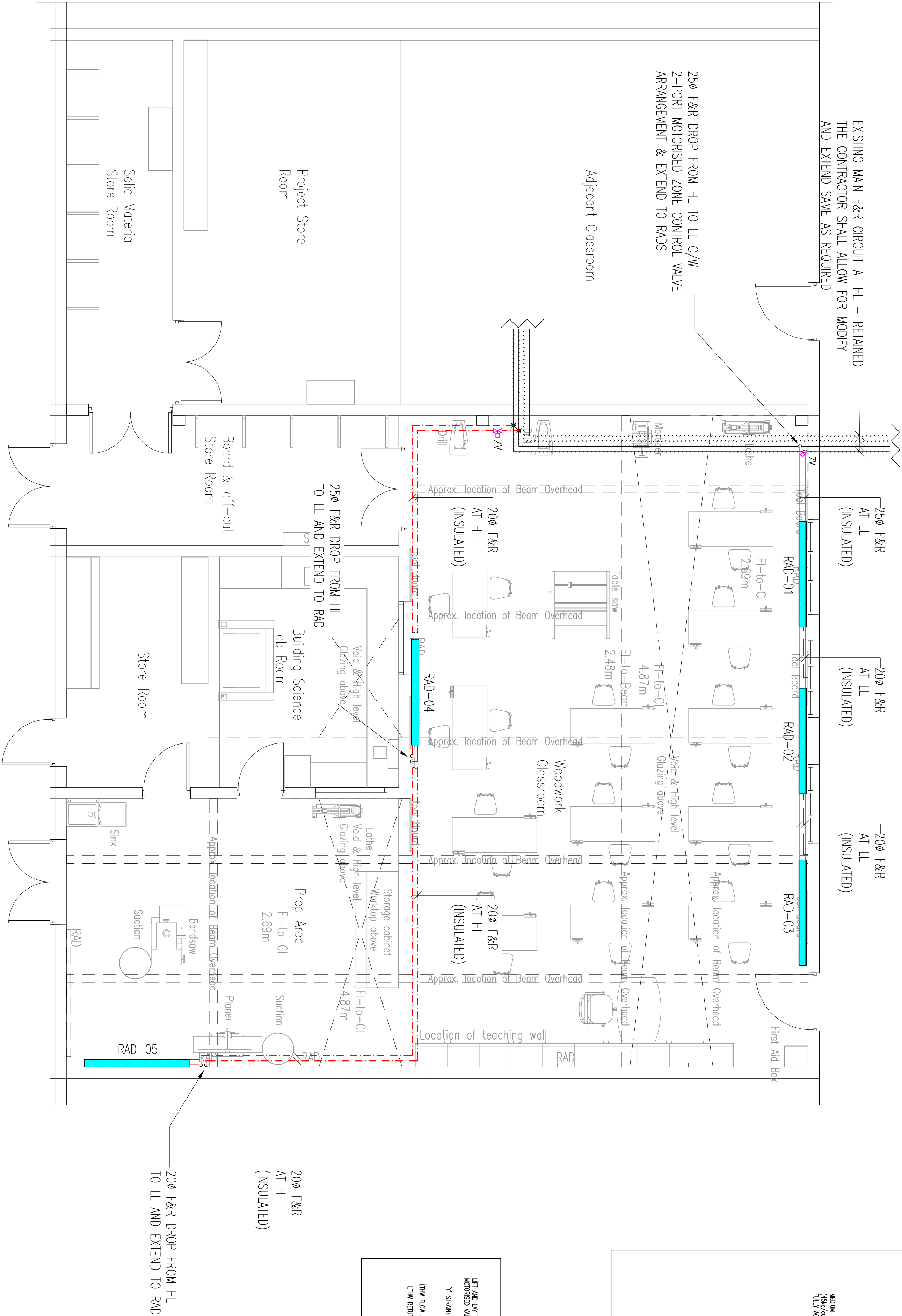
Project title:
Climate Action Summer Works Scheme
Woodwork Room Refurbishment
at Deansraha Community College,
Clondalkin, Dublin 22, Co. Dublin

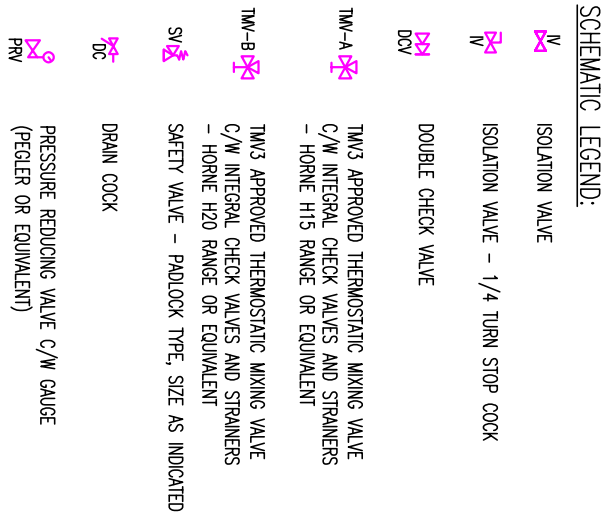
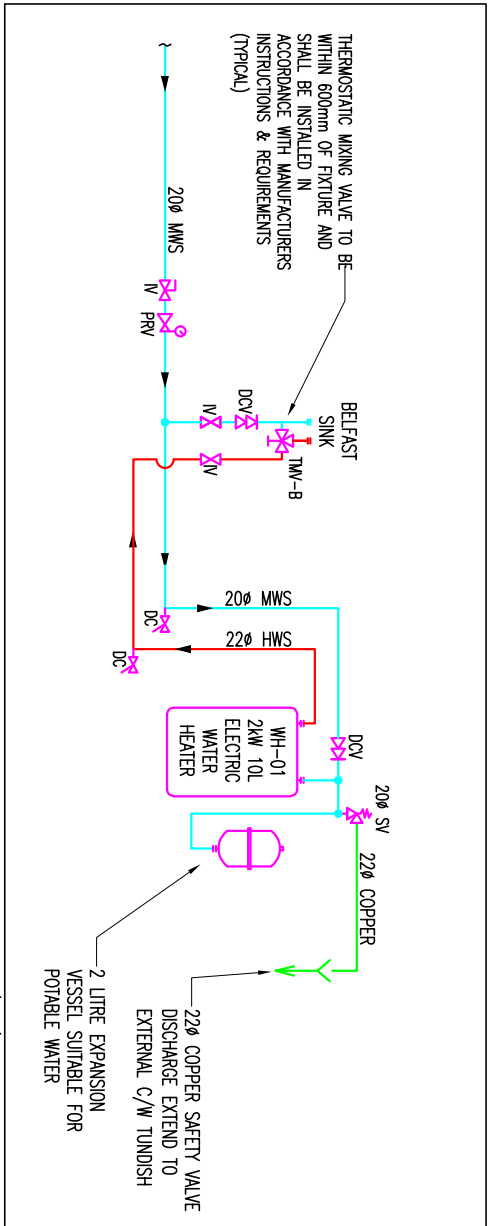
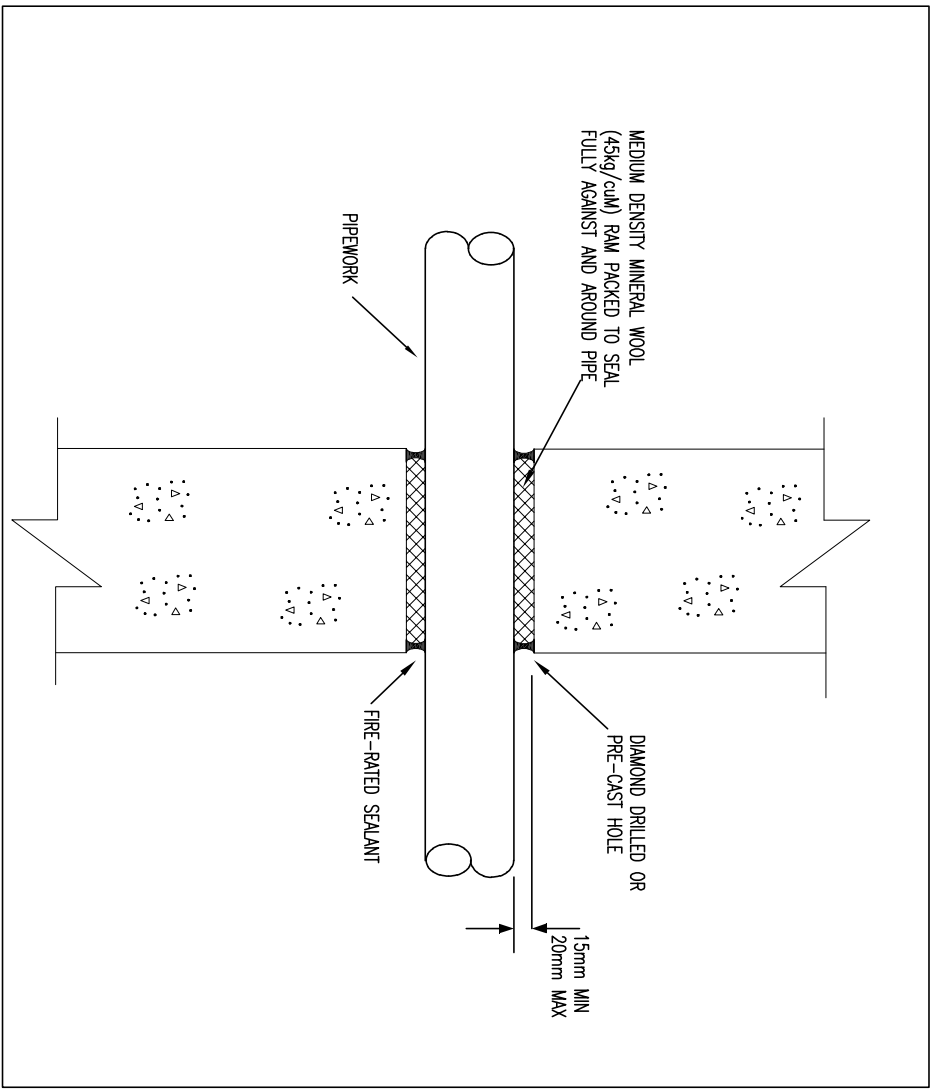
Drawing title:

Proposed Heating Services Layout

Scale: 1:50 @ A1

architect:	Dermot F Geaney Architects LTD
project number:	0839
drawing number:	Volume A. 3.3 - M101





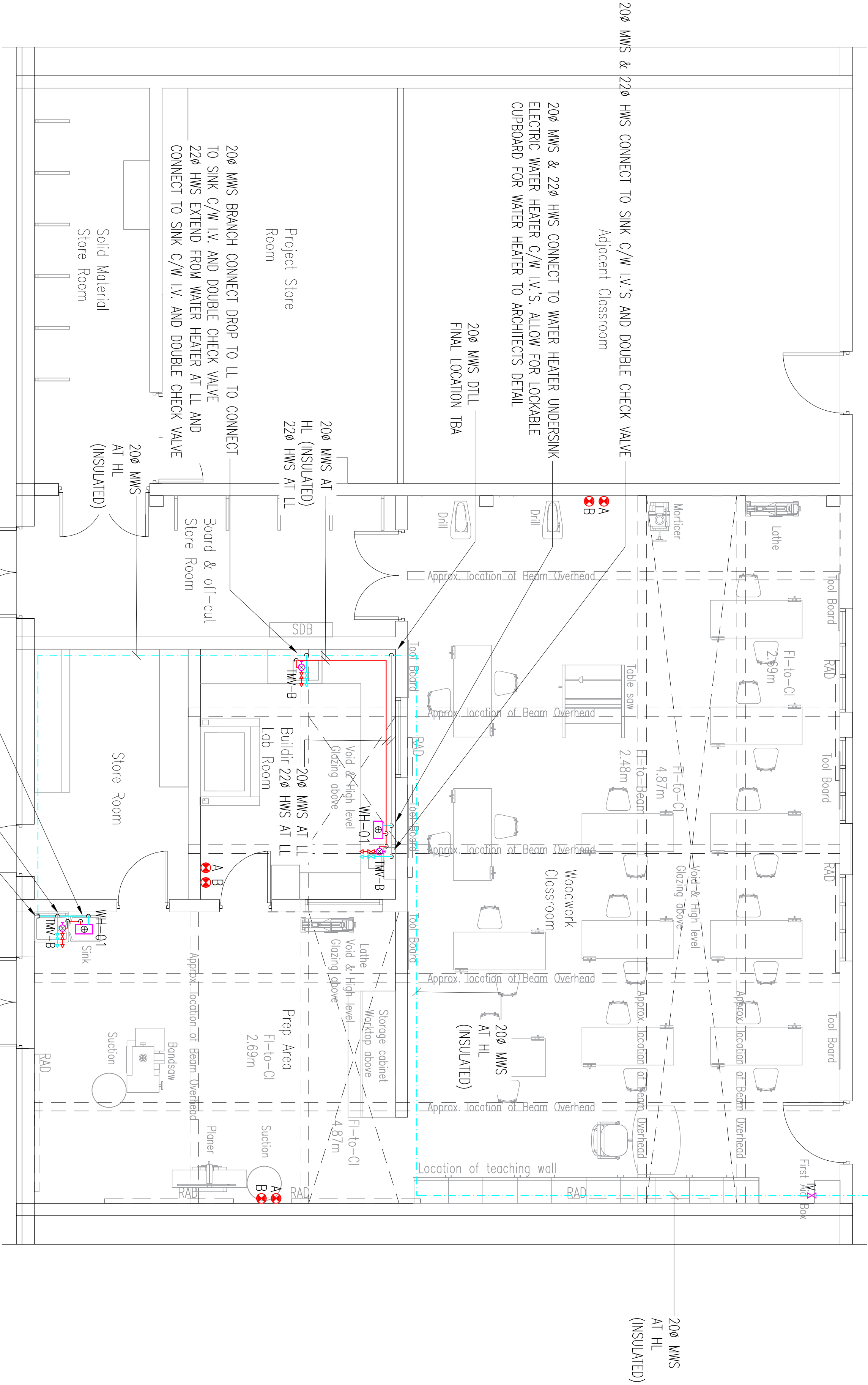
ALL SERVICE PENETRATIONS THROUGH FIRE-RATED ELEMENTS, INCLUDING WALLS, FLOORS, CEILINGS, AND SHAFTS, SHALL BE SEALED WITH FIRE RETARDING SEALANT TO MAINTAIN THE REQUIRED FIRE RESISTANCE PERIOD OF THE ELEMENT PENETRATED.

FIRE STOPPING SYSTEMS SHALL BE TESTED AND CERTIFIED IN ACCORDANCE WITH RELEVANT REGULATIONS AS IS EN 1366 & IS EN 13601

FIRE STOPPING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S TESTED DETAILS AND BY COMPETENT SPECIALIST

COORDINATION WITH THE FIRE STRATEGY AND ARCHITECTURAL DRAWINGS IS REQUIRED PRIOR TO INSTALLATION

PROPOSED NEW MWS BRANCH CONNECT TO EXISTING MAIN INFRASTRUCTURE IN LOCATION TBA (VALVED)



200 MWS & 220 HWS CONNECT TO WATER HEATER UNDERSINK ELECTRIC WATER HEATER C/W I.V.'S. ALLOW FOR LOCKABLE CUPBOARD FOR WATER HEATER TO ARCHITECT'S DETAIL

200 MWS & 220 HWS CONNECT TO SINK C/W I.V.'S AND DOUBLE CHECK VALVE

200 MWS DITLL FINAL LOCATION TBA

GENERAL NOTES

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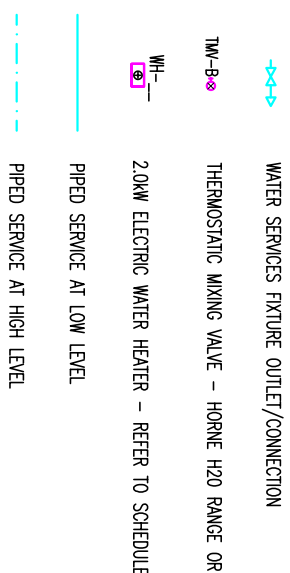
NOTES

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2. THE MECHANICAL CONTRACTOR SHALL CO-ORDINATE ALL SERVICES TRAIL WITH ALL TRADES.
3. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS SHALL BE TAKEN ON SITE.
4. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION TO ALLOW PROPER CO-ORDINATION OF ALL SERVICES.
5. EXTERIOR GUTTERS INSTALLED DUE TO THE CO-ORDINATION EXPERTISE AND BEING COMPLETED WILL EXACT LOCATION OF ALL SERVICES ON SITE.
6. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL BE ADVISED BY THE EMPLOYER REPRESENTATIVE OF THE LOCATION OF ALL SERVICES TO BE INSTALLED IN THE FINAL TENDER.
7. ALL SERVICES SHALL BE SHOWN ON THE DRAWING SHALL BE INSTALLED IN THE FINAL TENDER.
8. SERVICES OF ALL EQUIPMENT SHALL BE APPROVED BY CLIENT, ARCHITECT AND BUILDING SERVICES ENGINEER PRIOR TO ORDERING.
9. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.

DOMESTIC WATER SERVICES NOTES:

1. DOMESTIC WATER SERVICES PREWORK SHALL BE COPPER EXCLUDING PREWORK IN FLOORS AND WANS WATERS PREWORK.
2. WANS WATER PREWORK SHALL BE NON-METALLIC PREWORK - PLASTIC BARBED PREWORK.
3. PROVIDER OF WORK SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION TO ALLOW PROPER CO-ORDINATION OF ALL SERVICES.
4. ALL EXPOSED PREWORK TO FITTERS SHALL BE CHROME PLATED.
5. ALLOW FOR IRON COCKS AT END OF ALL LOW LEVEL PREWORK BRANCHES.
6. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY SURFACE FINISH ROUTES FOR PREWORK.
7. ALL PREWORK SHALL BE INSTALLED IN ACCORDANCE WITH THE TENDER DOCUMENTS.
8. PREWORK CUPS C/W INSULATION MUSTERS STAMPS OR EQUIPMENT OR WATERS BRACKETS C/W SECURED BY THE STRUCTURE LAME WITH STRUCTURAL ENGINEER PRIOR TO COMMENCEMENT OF WORK.
9. COLD & HOT WATER SERVICE PRESS IN THE FLOOR INSULATION ZONE SHALL BE INSTALLED PER N.T.S. SHOWN FOR PROVIDER WITH A CORROSION RESISTANT - NO JOINTS.
10. MAINTAIN MINIMUM SEPARATION OF 300mm BETWEEN HEATING PREWORK AND DOMESTIC WATER SERVICES PREWORK IN THE FLOOR.
11. SERVICES INSTALLED PREWORK ABOVE ARE NOT PERMITTED IN CORRIDORS/CIRCULATION AREAS.
12. ALL SERVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE TENDER DOCUMENTS.
13. ALL SMOKEWAY WARE & WATS SHALL BE TAKEN FOR COMPLAINT.
14. WOOD AND WATERS SERVICES FROM TANKS TO BE SET AT SET. MAXIMUM.
15. TANKS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS & REQUIREMENTS.
16. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR PRESS IN PREWORK AS REQUIRED FOR 17) ALL PREWORK SERVICES PENETRATIONS THROUGH WALLS AND FLOOR COMPONENTS SHALL BE STEREO STAKES SHALL BE IN ONE LENGTH AND SHALL BE TIED SQUARE AND FLUSH WITH THE SURFACE OF THE FINISHED WALL/CORNERMENT. THE STAKES SHALL BE BUILT INTO THE FINAL LOCATIONS OF WANS WATER PREWORK POINTS TO BE ASSESSD.
18. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR BRANING DOWN THE EXISTING DOMESTIC WATER SERVICES SYSTEM AS REQUIRED TO EXHAUSTIVE WORKS AND FOR BRANING AS REQUIRED TO COMMENCEMENT OF WORK. INFORMATION TO BE ASSESSD ON SET PRIOR TO COMMENCEMENT OF WORK. INFORMATION TO BE ASSESSD ON SET PRIOR TO COMMENCEMENT OF WORK. INFORMATION TO BE ASSESSD ON SET PRIOR TO COMMENCEMENT OF WORK.

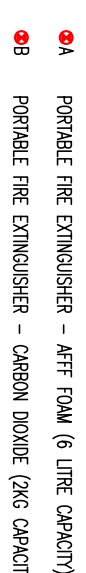
DOMESTIC WATER SERVICES LEGEND:



FIRE STOPPING NOTES:

1. FIRE STOPPING INSULATION SHALL BE IN ACCORDANCE WITH IS 291:2015 SELECTION. COMBUSTION, INSULATION, INSPECTION AND MAINTENANCE OF PORTABLE FIRE STOPPING INSULATION SHALL BE IN ACCORDANCE WITH IS 291:2015 SELECTION.
2. ALL ELECTRICAL DISTRIBUTION SERVICES SHALL HAVE A CROWN DOWNE THE EXTERIOR INSULATION ADJACENT TO THEM.
3. EXTERIOR INSULATION MUST NOT BE PLACED OVER, OR ADJACENT TO BUILDINGS OR HEAT DURING THE CONSTRUCTION OF THE BUILDING.
4. EXTERIOR INSULATION MUST NOT BE PLACED OVER, OR ADJACENT TO BUILDINGS OR HEAT DURING THE CONSTRUCTION OF THE BUILDING.
5. ALL FIRE POINTS SHALL HAVE SURFACE SEALING WHICH HAVE LOCATIONS IN ACCORDANCE WITH IS 291:2015 AND THE SECT. HEAT AND RESISTANCE WORK ACT (1995).
6. EXTERIOR INSULATION SHALL BE INSTALLED ABOVE EXISTING EXTERIOR INSULATION WHICH SPANS USES AND HAZARDS IN ACCORDANCE WITH IS 291:2015.

FIRE STOPPING LEGEND:



Revision	Description	Date	Drawn	Checked
A	Tender Issue	22-Jan-2025	DC	JG

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EMAIL: info@geaney.ie

Project title:
Climate Action Summer Works Scheme
Woodwork Room Refurbishment
at Deansraih Community College,
Clondalkin, Dublin 22, Co. Dublin

Drawing title:

Proposed Domestic Water
Services Layout

Scale:
1:50 @ A1

Architect:
Demot F Geaney Architects LTD

Project number:
0839

Drawing number:
Volume A. 3.3 - M102

DE-INSTALLATION NOTES:

THE MECHANICAL CONTRACTOR SHALL ALLOW FOR DISCONNECTING & REMOVING OFF SITE ALL EXISTING OBSOLETE ABOVE GROUND SOILS & WASTES DRAINAGE WITHIN THE MAIN AREAS OF WORKS TOGETHER WITH ALL OBSOLETE FIXINGS & SUPPORTS.

THE MECHANICAL CONTRACTOR SHALL ALLOW FOR ALL NECESSARY MODIFICATIONS TO THE EXISTING ABOVE GROUND SOILS & WASTES DRAINAGE INFRASTRUCTURE AS REQUIRED TO FACILITATE THE PROPOSED WORKS.

THE FULL EXTENT OF THE EXISTING ABOVE GROUND SOILS & WASTES DRAINAGE INSTALLATIONS ARE NOT INDICATED ON THIS DRAWING. ALL EXISTING SOILS & WASTES DRAINAGE INFRASTRUCTURE SHALL BE REMOVED BY THE MECHANICAL CONTRACTOR. IT SHALL BE THE MECHANICAL CONTRACTOR'S RESPONSIBILITY TO CARRY OUT A SURVEY TO TRACE AND IDENTIFY ALL EXISTING ABOVE GROUND SOILS & WASTES DRAINAGE IMPACTED BY THE PROPOSED WORKS.

EXISTING OBSOLETE DRAINAGE CONNECTIONS TO UPSTANDS SHALL BE BLANKED OFF UNDERGROUND BY MAIN CONTRACTOR. ALL MODIFICATIONS TO UNDERGROUND DRAINAGE BY MAIN CONTRACTOR - TO ARCHITECT'S/CIVIL ENGINEERS DETAIL.

EXISTING OBSOLETE DRAINAGE DISCHARGES TO EXTERNAL GULLYS SHALL BE DISCONNECTED & REMOVED AND GULLYS MADE GOOD BY MAIN CONTRACTOR - TO ARCHITECT'S/CIVIL ENGINEERS DETAIL.

ALL MODIFICATIONS TO THE EXISTING ABOVE GROUND SOILS & WASTES DRAINAGE INFRASTRUCTURE SHALL BE REVIEWED WITH THE BUILDING SERVICES ENGINEER PRIOR TO COMMENCING WORKS.

EXISTING ABOVE GROUND SOILS & WASTES DRAINAGE INFRASTRUCTURE IN THE AREAS OF WORKS WHICH IS TO BE RETAINED SHALL BE SUITABLY PROTECTED DURING WORKS.

THE CONTRACTOR IS STRONGLY RECOMMENDED TO VISIT SITE PRIOR TO TENDER TO SURVEY THE AREAS OF WORKS AND FAMILIARISE THEMSELVES WITH THE SCOPE OF WORK INVOLVED WITH THE ABOVE AND ALL OTHER WORKS INDICATED ON THIS DRAWING AND THE ACCOMPANYING DRAWINGS TO ENSURE THAT ALL DUE ALLOWANCES AND NECESSARY COSTS ARE ACCOUNTED FOR IN THEIR TENDER SUBMISSION. ADDITIONAL COSTS INCURRED DUE TO THIS EXERCISE NOT BEING CARRIED OUT WILL NOT BE ACCEPTED.

GENERAL NOTES

- 1) Do not scale services equipment from this drawing.
- 2) All dimensions should be checked on site.
- 3) Any drawing errors or discrepancies should be brought to the attention of Geaney Engineering Consultants at the address shown below.
- 4) Drawing to be read in conjunction with all other drawings and documentation.

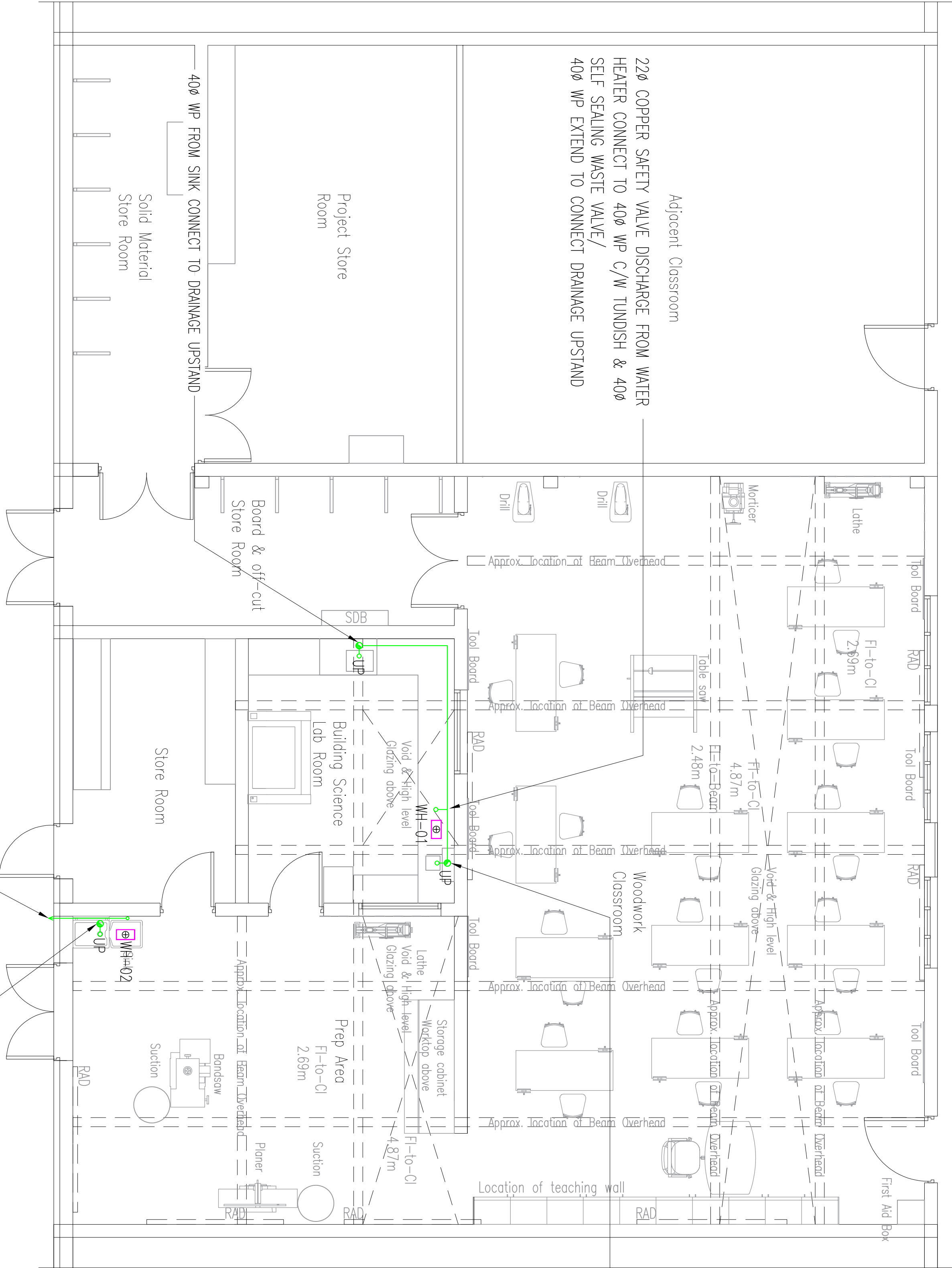
NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, PLUMBING & SANITARY DRAWINGS.
2. THE MECHANICAL CONTRACTOR SHALL CO-ORDINATE ALL SERVICES FULLY WITH ALL TRADES BEFORE COMMENCING WORK.
3. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS SHALL BE TAKEN ON SITE.
4. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY CROWN ROOFS NEEDED DUE TO THE CO-ORDINATION OF ABOVE WORKS. ABOVE WORKS SHALL NOT BE ACCEPTED BY THE ENGINEER.
5. EXACT LOCATION OF ALL SERVICES SHALL BE AGREED WITH THE EMPLOYERS REPRESENTATIVE PRIOR TO COMMENCEMENT ON SITE.
6. ALL SERVICES AS SHOWN ON THIS DRAWING SHALL BE INCLUDED IN THE FINAL TENDER.
7. SAMPLES OF ALL EQUIPMENT SHALL BE APPROVED BY CLIENT, ARCHITECT AND BUILDING SERVICES ENGINEER PRIOR TO ORDERING.
8. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.

- ABOVE GROUND DRAINAGE NOTES:
1. THE SANITARY PREWORK INSULATION AND TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH BS EN 12056-2:2000
 2. MECHANICAL CONTRACTOR INCLUDES ALL ABOVE GROUND SOILS AND WASTES, SOIL VENT PIPES, GROUND TELL SERVICES BY MAIN CONTRACTOR.
 3. ALL RISERS AND CHANGES IN DIRECTION TO BE EASY SWEEP TYPE AND COMPLETE WITH ROUNDING/CLEANING EYE AS REQUIRED.
 4. CLEANING PIPES PER M3'S TO BE ABOVE FLOOD LEVEL OR WC FAN.
 5. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR INSULATING THE EXISTING SOIL VENT PIPES, GROUND TELL SERVICES BY MAIN CONTRACTOR.
 6. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR SOUND INSULATING ALL SOIL STACKS WITH ROOFWALK.
 7. MECHANICAL CONTRACTOR SHALL ALLOW FOR AN ACCESSIBLE CLEANING EYE ON EACH SOIL STACK AT FIRST FLOOR LEVEL.
 8. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR AN ACCESSIBLE CLEANING EYE ON EACH SOIL STACK AT FIRST FLOOR LEVEL.
 9. THE COLLECTOR SHALL BE INSTALLED ON SOILS & WASTES PREWORK AS THEY PASS THROUGH TO FINAL LOCATIONS OF BUILDERS DRAINAGE UPSTANDS IN FLOOR SLABS FOR THE SOILS AND WASTES. INSULATION SHALL BE FINISHED BETWEEN THE MAIN CONTRACTOR AND THE MECHANICAL CONTRACTOR BEFORE INSULATION.
 10. MECHANICAL CONTRACTOR SHALL ALLOW FOR THE SANITARY PREWORK IN THE SANITARY WARE.
 11. MECHANICAL CONTRACTOR SHALL ALLOW FOR DEEP SEAL TYPE TRAPS (75mm) TO ALL SANITARY WARE.
 12. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR DEEP SEAL TYPE TRAPS (75mm) TO ALL SANITARY WARE.
 13. ALL DRAINAGE PREWORK IN THE SAN AREA SHALL BE LARGER DIAMETER THAN STANDARD. PROVIDE WITH EASY ACCESSIBLE CLEANING EYES.

ABOVE GROUND DRAINAGE LEGEND:

- SOIL/WASTE PIPE AT LOW LEVEL.
- UP
- 110mm UPSTAND FOR SOILS & WASTES DRAINAGE



220 COPPER SAFETY VALVE DISCHARGE PIPE FROM UNDERSINK WATER HEATER C/W TUNDISH EXTEND AT LL TO EXTERNAL OF BUILDING AND TURN DOWN/N

400 WP FROM BELFAST SINK CONNECT TO DRAINAGE UPSTAND

GEANEY ENGINEERING CONSULTANTS

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EMAIL: info@geaney.ie

Project title:
**Climatic Action Summer Works Scheme
Woodwork Room Refurbishment
at Deansraha Community College,
Clondalkin, Dublin 22, Co. Dublin**

Scale:
1:50 @ A1

Architect:
Dermot F Geaney Architects LTD

Project number:
0839

Drawing number:
Volume A. 3.3 - M105