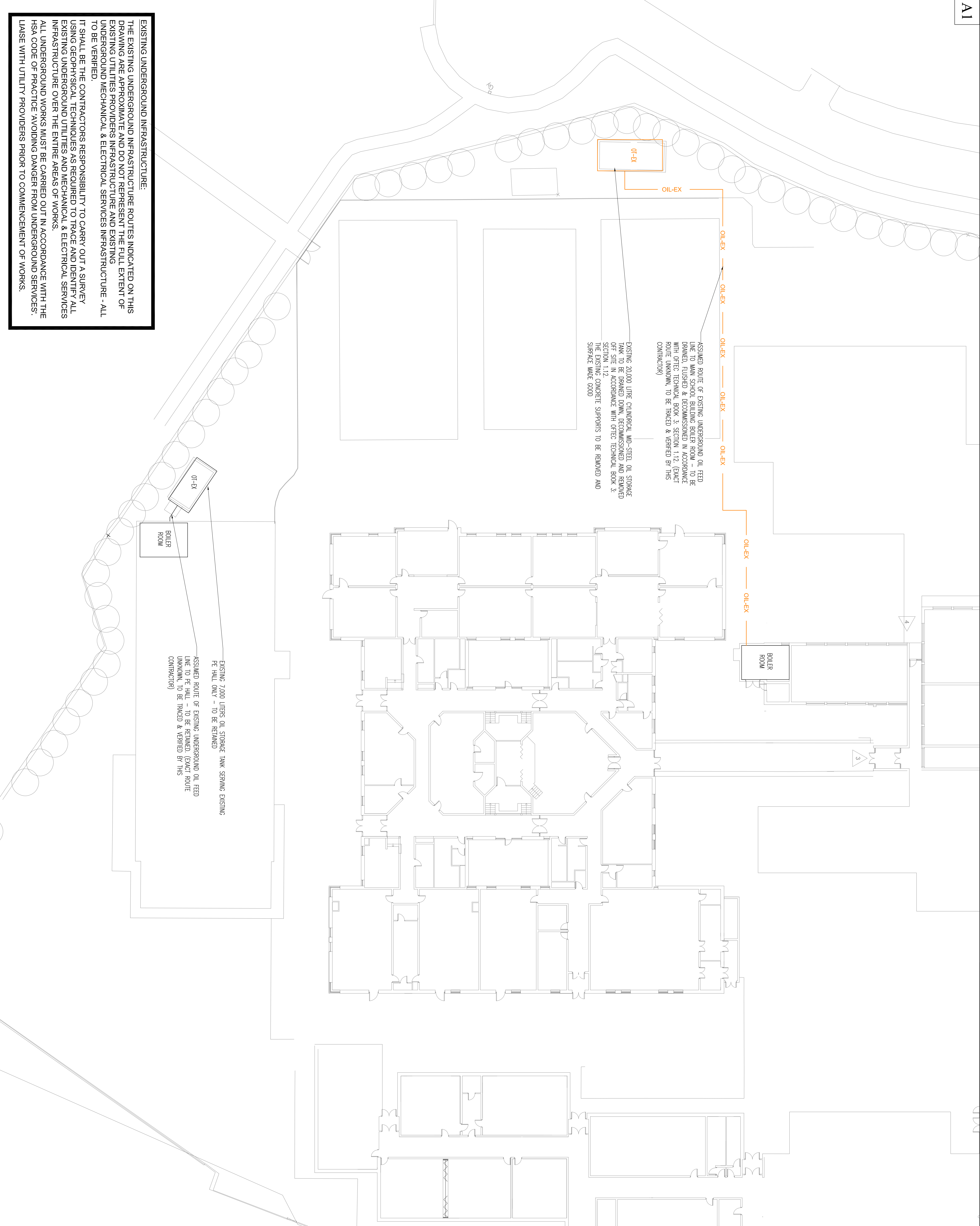




GENERAL NOTES

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

NOTES:

- ALL DIMENSIONS IN MILLIMETRES, UNLESS STATED OTHERWISE.
- USE WITH UTILITY PROVIDERS PRIOR TO COMMENCEMENT OF WORKS.
- UNDERGROUND GAS PRES. TO BE Laid IN TRENCH WITH 150mm SAND SURROUND AND WORKER WE'GS.
- UNDERGROUND GAS PRES. SHALL HAVE MINIMUM 800mm COVER TO TOP OF PIPE WHERE RUN BELOW FOOTPATHS & LANSCAPED AREAS (MINIMUM 750mm COVER BENEATH ROADS).
- UNDERGROUND GAS PRES. SHALL HAVE MINIMUM 300mm ROAD CLEARANCE TO OTHER SERVICES.
- ALL UNDERGROUND PVC DUCTS AND PLASTIC PRES. SHALL BE COLOUR CODED IN ACCORDANCE WITH I.S. 370:2016.
- UNDERGROUND SERVICES SHALL BE MARKED AT SURFACES OVER TRENCHES AS BEFORE FOLLOWING COMPLETION OF WORKS.
- ALLOW FOR CARRYING OUT A 600mm SPACE OF THE EXISTING UNDERGROUND SERVICES IN THE AREAS OF WORKS - PRIOR TO COMMENCING WORKS, ALL EXISTING UNDERGROUND UTILITIES AND MAKE INFRASTRUCTURE WITHIN THE AREAS OF SITE WORKS SHALL BE EXPOSED AND IDENTIFIED AND MARKED & EXPOSED AS REQUIRED. PRACTICE AND DIRECTED AS NECESSARY PRIOR TO COMMENCEMENT OF WORKS.
- ALL UNDERGROUND WORKS MUST BE CARRIED OUT IN ACCORDANCE WITH THE HSA CODE OF PRACTICE 'MAKING DANGER FROM UNDERGROUND SERVICES'.

LEGEND:

— OIL-EX — EXISTING UNDERGROUND OIL SERVICE - TO BE DECOMMISSIONED

Revision	Description	Date	Drawn	Checked
A	Tender Issue	15-Sep-2016	KM	CG



**GEANEY
ENGINEERING
CONSULTANTS**

STATION 22,
WATERFORD BUSINESS PARK,
WATERFORD,
IRELAND
TEL: 051 847971
FAX: 051 847972
EMAIL: info@geaneyeng.com

Project title:

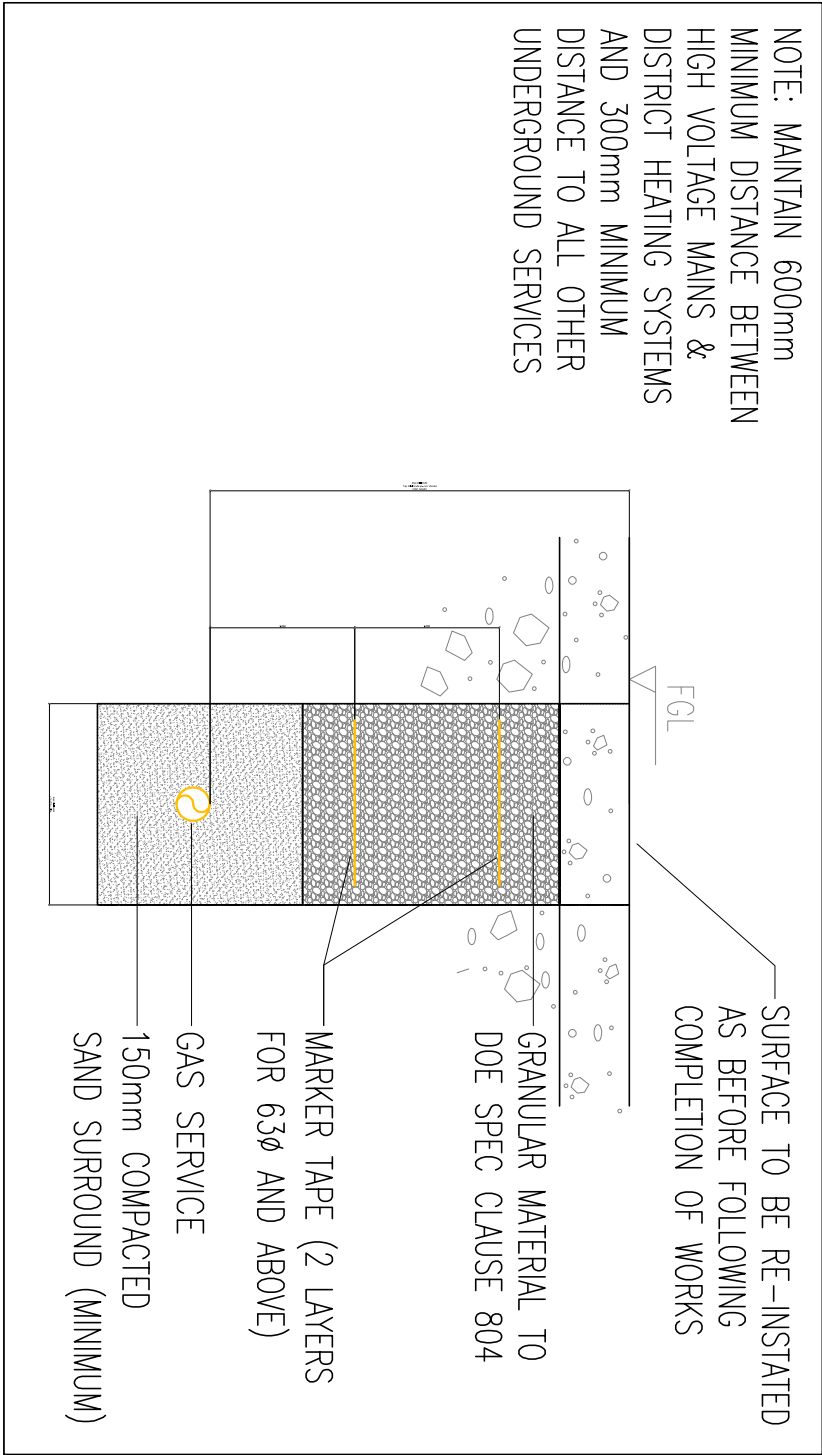
Heating Upgrade Emergency Works
Scheme at Bridgetown College,
Bridgetown,
Co. Wexford.

Drawing title:

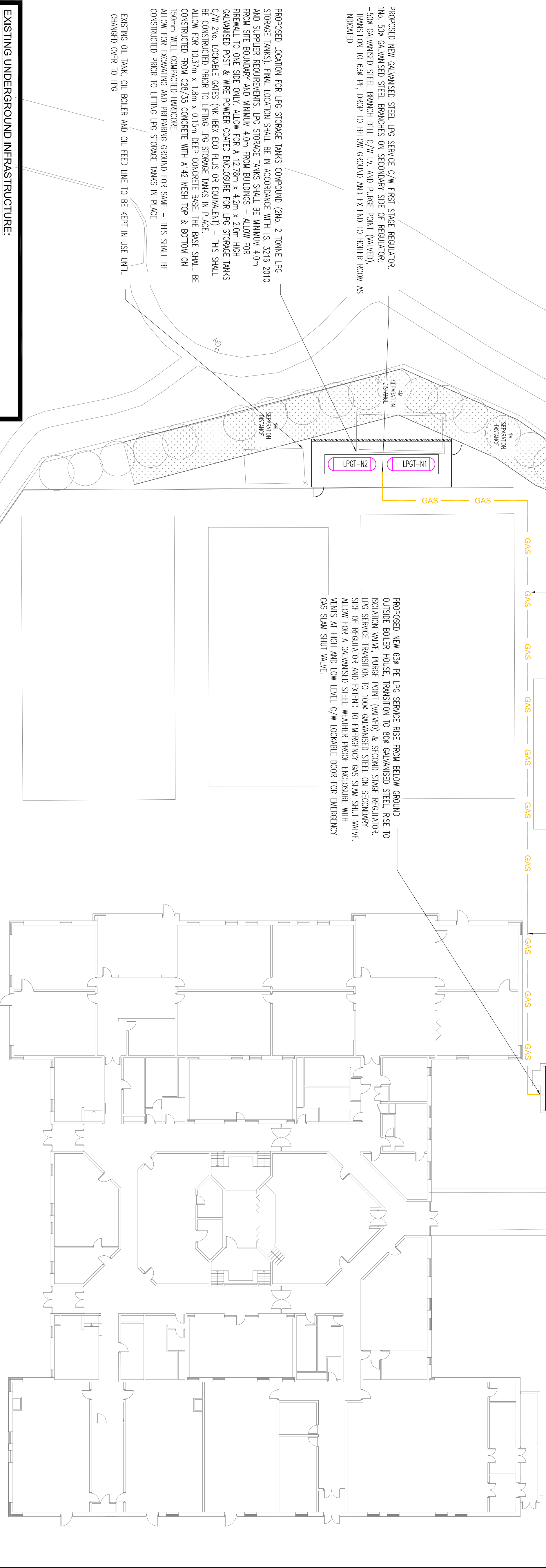
Existing Site Oil Services Layout

Scale: 1:200@A1

Project number: 0862
Drawing number: BW1



TYPICAL GAS TRENCH DETAIL (NTS)



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.

SITE BUILDERS' WORK NOTES:

1. ALL DIMENSIONS IN MILLIMETRES. UNLESS STATED OTHERWISE.
2. LIASE WITH UTILITY PROVIDERS PRIOR TO COMMENCEMENT OF WORKS.
3. UNDERGROUND GAS PRESSES TO BE Laid IN TRENCH WITH 150mm SAND SURROUND AND MARKER JPE/S.
4. UNDERGROUND GAS PRESSES SHALL HAVE MINIMUM 600mm COVER TO TOP OF PIPE WHERE RUN BELOW FOOTPATHS & LANDSCAPED AREAS (MINIMUM 750mm COVER BEHIND ROADS).
5. UNDERGROUND GAS PRESSES SHALL HAVE MINIMUM 300mm ROUND CLEARANCE TO ALL UNDERGROUND SERVICES.
6. ALL UNDERGROUND PVC DUCTS AND PLASTIC PRESSES SHALL BE COLOR CODED IN ACCORDANCE WITH I.S. 3702016.
7. ALLOW FOR RENOVATING ALL SURFACES OVER TRENCHES AS BEFORE FOLLOWING COMPLETION OF WORKS.
8. ALLOW FOR CARRYING OUT A PER SURVEY OF THE EXISTING UNDERGROUND EXISTING UNDERGROUND UTILITIES AND MAKE INFRASTRUCTURE WITHIN THE AREAS OF 'SITE PRACTICE' AND DIVERGED AS NECESSARY – MODIFIED & EXTENDED AS REQUIRED. LIASE WITH UTILITY PROVIDERS PRIOR TO COMMENCEMENT OF WORKS.
9. ALL UNDERGROUND WORKS MUST BE CARRIED OUT IN ACCORDANCE WITH THE HSA CODE OF PRACTICE, AVOIDING DANGER FROM UNDERGROUND SERVICES.

LEGEND:

— GAS — PROPOSED NEW LPG SERVICE EQUIPMENT IN TRENCH – SIZE AS INDICATED

INTERNAL BUILDERS' WORK NOTES:

1. ALLOW FOR 2No. NEW WEATHER DOWNPIES FOR NATURAL VENTILATION TO BOILER ROOMS AND 1No. NEW WEATHER DOWNPIES FOR NATURAL VENTILATION TO 80ø REGULATOR.
2. ALLOW PROVISIONALLY FOR 1802 X 150mm HIGH CONCRETE PLINTH TO FIT UNDER NEW FLOOR FOR REMOVAL OF EXISTING PLINTHS.
3. ALLOW FOR REMOVAL OF ALL EXISTING MECHANICAL PLANT AND REPAIR EXISTING ROOF COMPLETE WITH SLATE FINISH AS PER EXISTING.
4. ALLOW FOR REMOVAL OF ALL EXISTING MECHANICAL PLANT AND REPAIR EXISTING ROOF COMPLETE WITH SLATE FINISH AS PER EXISTING.
5. DRAWING IS THE PROPERTY OF THE PLANT ROOM.
6. ALLOW FOR FINISHING AS DETAILLED.

Revision	Description	Date	Drawn	Checked
A	Tender Issue	15-Sep-2026	KM	CG

GEANEY ENGINEERING CONSULTANTS

STATION 22, BRIDGETOWN BUSINESS PARK, CO. WEXFORD, IRELAND
TEL: 051-4839371
FAX: 051-483118
EMAIL: info@geaneyengineering.ie

Project title:
Heating Upgrade Emergency Works Scheme at Bridgetown College, Co. Wexford.

Drawing title:
Proposed Site Gas Services Layout

Scale:
1:200@A1

Project number:
0862

Drawing number:
BW2

GENERAL NOTES

- 1) Do not scale service equipment from this drawing
- 2) All dimensions should be checked on site
- 3) Any discrepancy between drawings and site conditions shall 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 ELECTRICAL CONTRACTOR SHALL CO-ORDINATE ALL SERVICES FULLY WITH ALL OTHER SERVICES.
3. DO NOT SCALE THIS DRAWING FOR DIMENSIONS SHALL BE TAKEN ON SITE.
4. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING 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 NOT BE ACCEPTED BY THE ENGINEER.
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 PRICE.
8. SHOWN AT ALL EQUIPMENT SHALL BE APPROVED BY CLIENT, ARCHITECT AND ENGINEER.
9. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.

ELECTRICAL NOTES:

1. ALL ELECTRICAL SERVICES SHOWN ON THIS DRAWING ARE PART OF THE NEW INSTALLATION.
2. ELECTRICAL INSTALLATION SHALL BE INSTALLED & CARRIED IN ACCORDANCE WITH I.S. 10701: 2020 NATIONAL RULES FOR ELECTRICAL INSTALLATIONS.
3. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR POWER SUPPLY & ELECTRICAL CONNECTION TO ALL MECHANICAL ITEMS.
4. MECHANICAL AFTERWORKS REQUIRED WITHIN THE BOILER ROOM – SEE SPECIFICATION FOR FURTHER DETAILS.
5. ALL ELECTRICAL INSTALLATIONS SHALL BE INSTALLED IN ACCORDANCE WITH I.S. 10701: 2020 NATIONAL RULES FOR ELECTRICAL INSTALLATIONS. SWITCHES, FUSES ETC. SHALL GENERALLY BE SURFACE MOUNTED UNLESS INDICATED OTHERWISE.
6. SURFACE MOUNTED ELECTRICAL OUTLETS, CONNECTION UNITS, SWITCHES ETC. SHALL HAVE MEKALAD FINISH WITHOUT RAKOOUTS.
7. ALL CIRCUITS SHALL BE PROTECTED BY AN RCBO.
8. LV/0.69-CIRCUIT CABLING SHALL GENERALLY BE PVC SINGLE CARRIED IN GALVANISED STEEL CONTAINMENT THROUGHOUT UNLESS INDICATED OTHERWISE.

ELECTRICAL CONTAINMENT NOTES:

1. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION & LAYOUT OF THE CABLE CARRIER SYSTEM WHICH SHALL INCLUDE A GALVANISED STEEL TRAY, TRAYING & CARRIER SYSTEM THROUGHOUT.
2. ALL ELECTRICAL TRAYING SHALL BE INSTALLED IN ACCORDANCE WITH I.S. 10701: 2020 NATIONAL RULES FOR ELECTRICAL INSTALLATIONS. THE ROUTES INDICATED ARE MAIN ROUTES ONLY. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL TRAY AND TRAYINGS TO ENSURE MECHANICAL PROTECTION.
3. POWER CONTAINMENT SHALL GENERALLY BE MOUNTED ON GALVANISED STEEL SUPPORTS SECURED TO THE STRUCTURE AT MAXIMUM 1.2m CENTRES UNLESS INDICATED OTHERWISE.
6. WALL MOUNTED POWER ELECTRICAL CONTAINMENT SHALL BE ADHERED TO THE WALL STRUCTURE IN MINIMUM 12m CENTRES.
7. VERTICAL CONTAINMENT IS REQUIRED. ALLOW 100mm ALL FOR CHANNES OF LEVEL AND 100mm ALL FOR CABLES.
8. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR OFFSETTING AND STAGING OF ELECTRICAL CONTAINMENT TO COORDINATE WITH SERVICES OPERATING IN WALLS.
9. ALL ELECTRICAL TRAYING/TRAY PENETRATIONS THROUGH WALLS AND FIRE COMPARTMENTS SHALL BE C/W SURFACE INDUCED/RESISTANT PADS/PLATES TESTED TO BS7476 PART 22.
10. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR ALL NEW ELECTRICAL CONTAINMENT GALVANISED STEEL CONTAINMENT IN THE EXISTING BUILDINGS WHERE SUFFICIENT CAPACITY IS AVAILABLE. OVERLAPLINE OF ELECTRICAL CONTAINMENT WILL NOT BE ACCEPTED – TO BE REMOVED ON SITE PRIOR TO COMMENCEMENT OF WORKS. FINAL ROUTES OF NEW CONTAINMENT TO BE AGREED.

GAS SAFETY NOTES:

1. ELECTRICAL CONTRACTOR SHALL ALLOW FOR ALL WIRING FOR THE GAS SAFETY SYSTEM.
2. ALL ELECTRICAL WIRING TO GAS PANELS AND ASSOCIATED GAS EQUIPMENT SHALL BE AS RECOMMENDED BY THE MANUFACTURER'S SPECIFICATIONS – TO BE WIRED IN A SEPARATE DEDICATED CONDUIT SYSTEM.
3. MECHANICAL AND ELECTRICAL CONTRACTORS SHALL UNSEAL AND ARRANGE FOR INTERFERENCE BETWEEN GAS SAFETY INSTALLATIONS AND ELECTRICAL INSTALLATIONS.

FIRE ALARM & DETECTION NOTES:

1. THE FIRE ALARM SYSTEM SHALL COMPLY WITH I.S. 2181:2024 (NEW WORKS).
2. ALLOW FOR RECOMMISSIONING THE ENTIRE EXISTING FIRE ALARM SYSTEM IN THE BUILDING'S FOLLOWING COMPLETION OF WORKS. IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE BUILDING'S TO DETERMINE THE EXACT LOCATION OF THE EXISTING FIRE ALARM CONTROL PANEL.

GENERAL SERVICES & SMALL POWER LEGEND:

- DOUBLE POLE SWITCHED FUSED CONNECTION UNIT C/W MCN INDICATOR
- FUSED CONNECTION UNIT C/W NEW INDICATOR – UNSWITCHED TYPE
- SINGLE PHASE & NEUTRAL ISOLATOR – RATING AS INDICATED
- ROOM THERMOSTAT WITH LOCKABLE RANGE SET AT 4°C
- PH – OIL FILLED ELECTRIC PANEL HEATER
- SPH – GAS EMERGENCY SLAM SHUT VALVE
- GP – GAS DETECTION PANEL
- GR – KEY RELEASE EMERGENCY STOP BUTTON
- GD – GAS DETECTOR
- CD – CARBON MONOXIDE DETECTOR
- FD – FIRE ALARM INTERFACE UNIT

Revision	Description	Date	Drawn	Checked
A	Tender Issue	15-Sep-2026	KM	C.G.



**GEANEY
ENGINEERING
CONSULTANTS**

WATERFORD BUSINESS PARK,
WATERFORD,
IRELAND
TEL: 051 4845071
TEL: 051 4845072
EMAIL: info@geaneyengineering.ie

STANDARD 22

Project title:
**Heating Upgrade Emergency Works
Scheme at Bridgetown College,
Bridgetown,
Co. Wexford.**

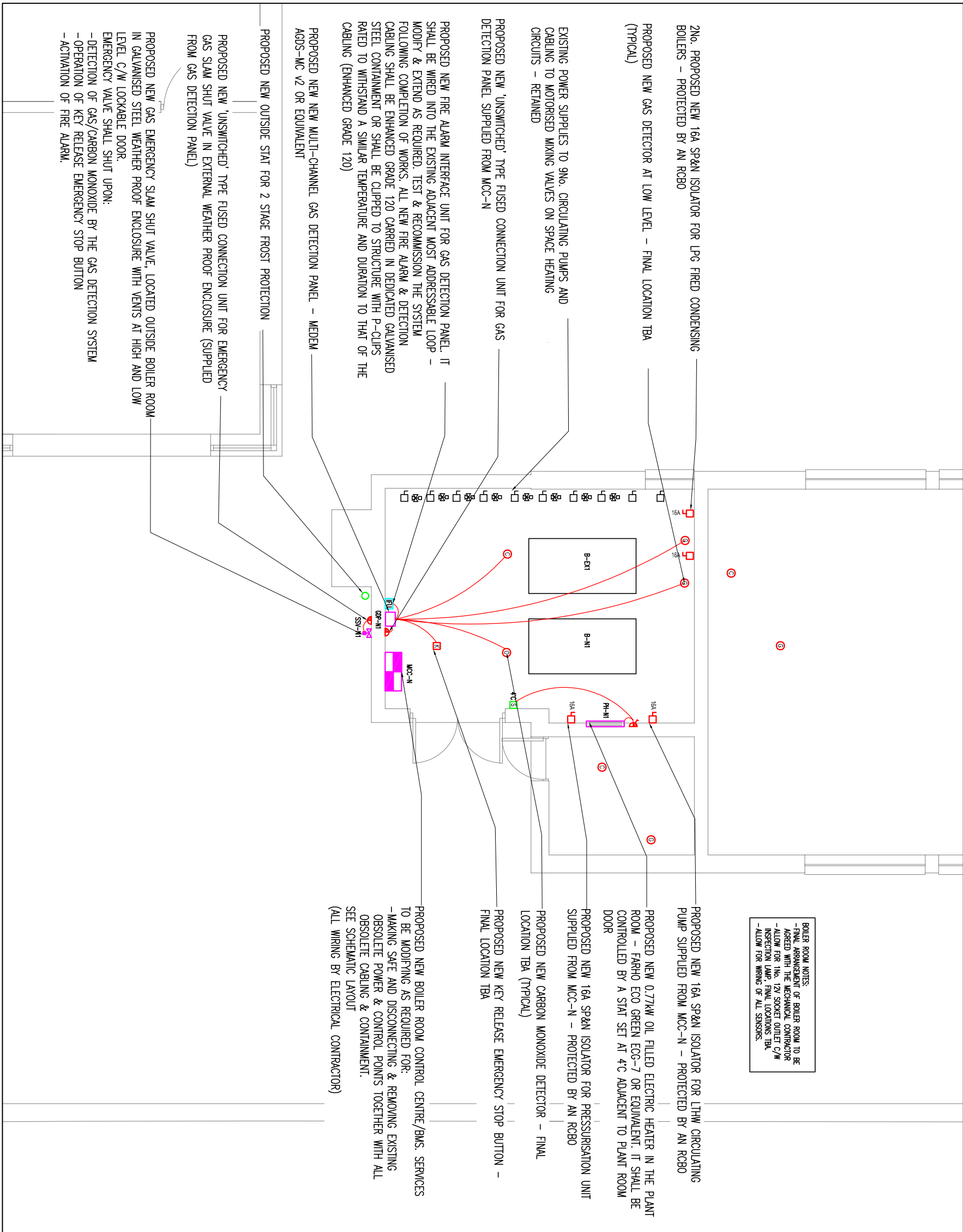
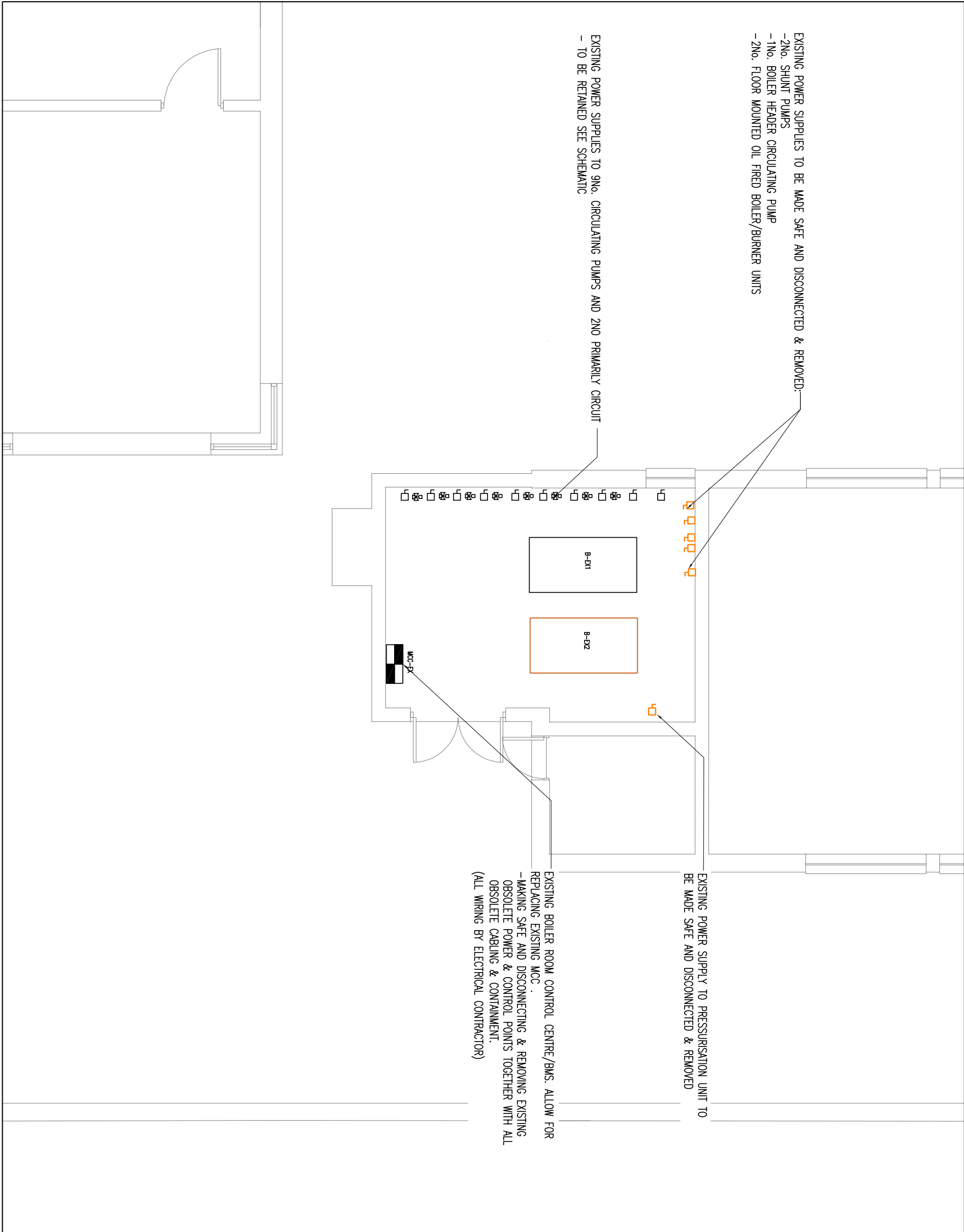
drawing title:

Electrical Services Layout

scale: **1:75@A1**

project number: **0862**

drawing number: **EL1**





**GEANEY
ENGINEERING
CONSULTANTS**

WATERFORD BUSINESS PARK,
WATERFORD,
IRELAND
TEL: 051 4845071
TEL: 051 4845072
EMAIL: info@geaneyengineering.ie

STANDARD 22

Project title:
**Heating Upgrade Emergency Works
Scheme at Bridgetown College,
Bridgetown,
Co. Wexford.**

drawing title:

Electrical Services Layout

scale: **1:75@A1**

project number: **0862**

drawing number: **EL1**

- 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 Geacny Engineering Consultants at the address shown below.
- 4) Drawing to be read in conjunction with all other drawings and documentation.

NOTES:

1. THE DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS & SPECIFICATIONS.
2. ALLOW FOR LOCAL ISOLATION OF ALL EQUIPMENT STARTED FROM THE MCC PANEL.
3. ISOLATORS TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR
4. ISOLATING CONTACTS TO BE PROVIDED ON SOLINQDES
5. JUNCTION BOXES TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR
6. ALL TERMINATIONS BY ELECTRICAL CONTRACTOR
7. ALL CABLES SHALL BE LIST TYPE
8. ALL POWER POINTS SUPPLIED FROM CONTROL CABLES SHALL BE PROTECTED BY SHUNTLY RATED DEVICES
9. IN CABLEING SHALL GENERALLY BE 3/4" CABLES CARRIED IN GALVANIZED STEEL CONDUIT THROUGHOUT. PRIMARY CONDUIT SHALL GENERALLY BE SHUNTLY SIZED GALVANIZED STEEL CABLE TRUNKING. SECONDARY CONDUIT SHALL GENERALLY BE GALVANIZED STEEL CONDUIT UNLESS INDICATED OTHERWISE.

A	Tender Issue	15-Sep-2026	KM	CG
Revision	Description	Date	Drawn	Checked

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

TEL: 061-879371
FAX: 061-853188
EMAIL: info@geaneyengineering.ie

**GEANEY
ENGINEERING
CONSULTANTS**

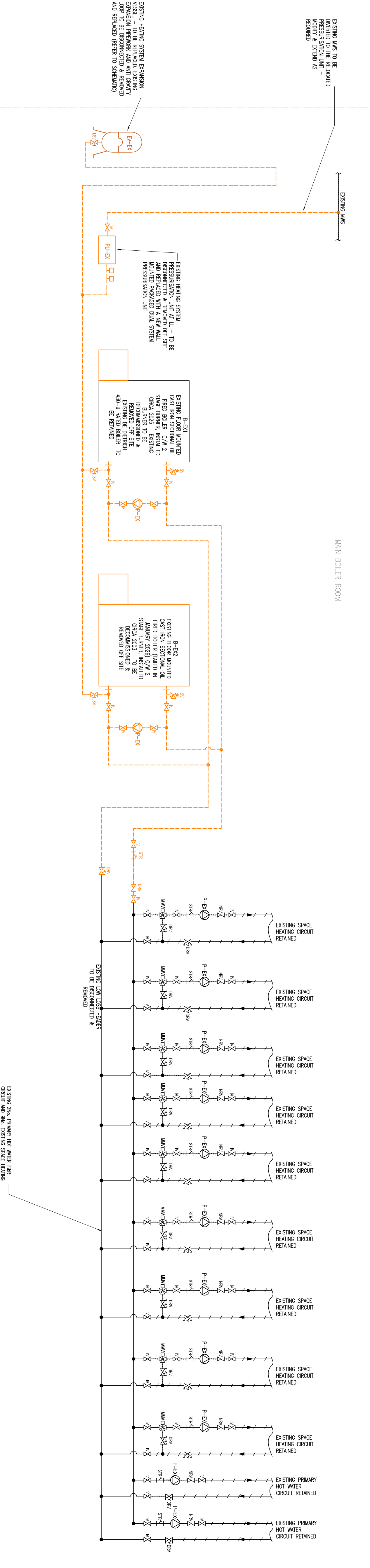
project title:
Heating Upgrade Emergency Works
Scheme at Bridgetown College,
Bridgetown,
Co. Wexford.

drawing title:
**Proposed Control Centre Wiring
Diagram**

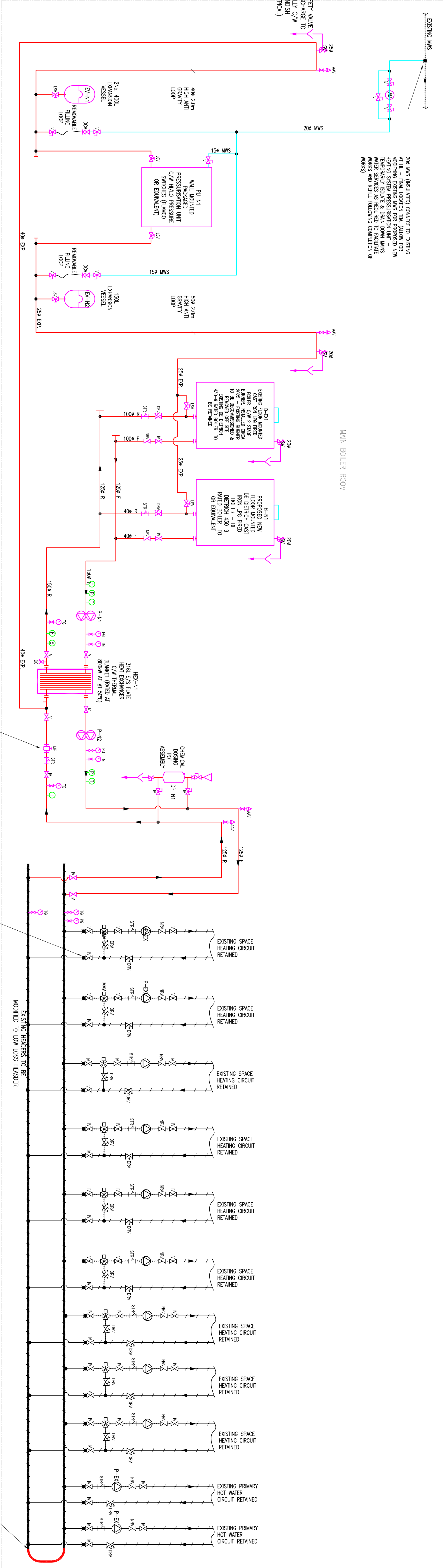
NTS@a

project number:	drawing number:
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0862	EL2-EL4
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1
-
NTS
EXISTING LTHW SCHEMATIC



2
-
NTS
PROPOSED LTHW SCHEMATIC

GENERAL NOTES

- 1) Do not scale services equipment from this drawing.
- 2) All dimensions should be checked on site.
- 3) Any drawings series or discrepancies should be brought to the attention of the project manager.
- 4) Drawing to be read in conjunction with all other drawings and documentation.

NOTES:

1. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY SUITABLE FINAL ROUTES FOR PIPING.
2. ALL PIPED SERVICES, PLANT, EQUIPMENT, VALVES ETC. SHOWN ON THIS DRAWING ARE PART OF THE NEW INSULATION UNLESS INDICATED OTHERWISE.
3. ALL PIPING IN PLANT ROOMS, CEILING VOIDS AND SERVICES ROISTS SHALL BE INSULATED TO A MINIMUM OF 100MM (4") UNLESS OTHERWISE SPECIFIED.
4. THE BOILER ROOMS SHALL BE SIPPED & FITTED TO ALL NEW WAYS IN WAYS/FACTORIES REQUIREMENTS.
5. TEMPERATURE/PRESSURE GAUGES SHALL BE 100mm (4") (IMPERSON PROBE TYPE).
6. ALL LTHW PIPING TO BE MEDIUM GRADE STEEL UNLESS INDICATED OTHERWISE.
7. PIPING RUN AT HIGH LEVEL/IN CEILING VOID SHALL GENERALLY BE INSTALLED IN A MANNER THAT PROVIDES ACCESS TO ALL SUPPORTS. ALL SUPPORTS SHALL BE ANCHORED TO THE STRUCTURE.
8. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR OFFSETS IN PIPING AS REQUIRED FOR COORDINATION WITH SERVICE OPENINGS, STRUCTURAL ELEMENTS AND OTHER SERVICES.
9. ALL PIPED SERVICES PENETRATIONS THROUGH WALLS AND FLOORS SHALL BE PROTECTED BY A MINIMUM OF 100MM (4") UNLESS OTHERWISE SPECIFIED. ALL PENETRATIONS SHALL BE ANCHORED TO THE STRUCTURE.
10. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR PENETRATIONS THROUGH WALLS AND FLOORS TO BE PROTECTED BY A MINIMUM OF 100MM (4") UNLESS OTHERWISE SPECIFIED. ALL PENETRATIONS SHALL BE ANCHORED TO THE STRUCTURE.
11. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR PENETRATIONS THROUGH WALLS AND FLOORS TO BE PROTECTED BY A MINIMUM OF 100MM (4") UNLESS OTHERWISE SPECIFIED. ALL PENETRATIONS SHALL BE ANCHORED TO THE STRUCTURE.
12. FINAL LOCATION OF ALL CONNECTIONS TO EXISTING SYSTEMS TO EXISTING SERVICES SHALL BE IDENTIFIED WITH THE BUILDING SERVICES DRAWINGS FROM TO COMMENCING WORKS.

LEGEND:

- ISOLATION VALVE
- ISOLATION VALVE - 1/4 TURN STOP COCK
- NON RETURN VALVE
- DOUBLE CHECK VALVE
- Y-STRAINER - LINE
- MAGNETIC FILTER - LINE
- DOUBLE REGULATING VALVE/COMMISSIONING SET
- LOCK SHIELD VALVE
- SAFETY VALVE - PULLOUT TYPE, SIZE AS INDICATED
- AUTOMATIC AIR VENT - VALVED
- WINS TYPE C/M INTERNAL LOOKSHIELD VALVE
- CIRCULATING PUMP
- DUAL CIRCULATING PUMP
- DRAINCOCK
- 3-PORT MOTORED MIXING VALVE
- TEMPERATURE GAUGE - VALVED
- PRESSURE GAUGE - VALVED
- PRESSURE SENSOR (WIRED TO BMS)
- TEMPERATURE SENSOR (WIRED TO BMS)
- IMMERSION FROST STAT (WIRED TO BMS)
- HEAT DISSIPATION STAT (WIRED TO BMS)
- WATER CHECK METER (WIRED TO BMS)

- EXISTING PIPED SERVICE - TO BE DECOMMISSIONED/DISCONNECTED & REMOVED
- EXISTING PIPED SERVICE - RETAINED/MOVED

Revision	Description	Date	Drawn	Checked
A	Tender Issue	15-Sep-2024	KM	CG

GEANEY ENGINEERING CONSULTANTS
WATERFORD BUSINESS PARK,
WATERFORD,
IRELAND.
TEL: 051 897971
EMAIL: info@geaneyconsultants.ie

project title:
Heating Upgrade Emergency Works
Bridgetown,
Co. Wexford.

drawing title:
LTHW Services Schematic

GENERAL NOTES

- 1) Do not scale services equipment from this drawing.
- 2) All dimensions should be checked on site.
- 3) Any bearing of services or dimensions 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. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY SUITABLE FINAL ROUTES FOR PREWORK.
2. ALL PREP SERVICES, PLANT, EQUIPMENT, VALVES ETC SHOWN ON THIS DRAWING ARE PART OF THE NEW INSTALLATION UNLESS INDICATED OTHERWISE.
3. BE INSULATED AS SPECIFIED IN THE TENDER DOCUMENTS.
4. THERMAL BRANGETS SHALL BE SUPPLIED & FITTED TO ALL NEW WAYS IN THE BOILER ROOM. ALL SHALL BE APPLIED STRICTLY IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS.
5. TEMPERATURE/PRESSURE GAUGES SHALL BE 100mm² (IMMERSION PROBE TYPE).
6. ALL LHM PREWORK TO BE MEDIUM GRADE STEEL UNLESS INDICATED OTHERWISE.
7. PREWORK NOW AT HIGH LEVEL/IN CEILING VOID SHALL GENERALLY BE BRACKETED C/W INSULATION INSERTS MOUNTED ON GALVANISED STEEL SUPPORTS. ALL SUPPORTS SHALL BE ANCHORED TO THE STRUCTURE.
8. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR OFFSETS IN PREWORK AS REQUIRED FOR COORDINATION WITH SERVICE OPENINGS, STRUCTURAL ELEMENTS AND OTHER SERVICES.
9. ALL PREP SERVICES THROUGH WALLS AND FLOORS SHALL BE COMPLETED PRIOR TO THE START OF THE BOILER ROOM WORK. ALL PREP SERVICES SHALL BE FIXED SQUARE AND FLUSH WITH THE SURFACE OF THE FINISHED WALL/COMPARTMENT AND SUITABLE FIRE SEALED.
10. FINAL BOILER ROOM LAYOUT TO BE AGREED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
11. EXISTING HEATING SYSTEM AS REQUIRED TO FACILITATE WORKS AND FOR RE-FLUING & BALANCING THE ENTIRE SYSTEM AS REQUIRED FOLLOWING COMPLETION OF WORKS.
12. FINAL LOCATION OF ALL CONNECTIONS TO EXISTING SYSTEMS TO BE AGREED WITH THE BUILDING SERVICES ENGINEER PRIOR TO COMMENCING WORKS.

LEGEND:

- ISOLATION VALVE
- ISOLATION VALVE - 1/4 TURN STOP COCK
- NON RETURN VALVE
- DOUBLE CHECK VALVE
- Y- STRAINER - LINE
- WASTEGIC FILTER - LINE
- DOUBLE REGULATING VALVE/COMMISSIONING SET
- LOCK SHIELD VALVE
- SAFETY VALVE - PARALOCK TYPE, SIZE AS INDICATED
- AUTOMATIC AIR VENT - VALUED
- WINNS TYPE C/W INTERNAL LOCKSHIELD VALVE
- CIRCULATING PUMP
- DUAL CIRCULATING PUMP
- DRAINCOCK
- 3-PART MOTORIZED MIXING VALVE
- TEMPERATURE GAUGE - VALUED
- PRESSURE GAUGE - VALUED
- PRESSURE SENSOR (WIRED TO BMS)
- TEMPERATURE SENSOR (WIRED TO BMS)
- IMMERSION FROST STAT (WIRED TO BMS)
- WATER DEPRESSION STAT (WIRED TO BMS)
- WATER CHECK METER (WIRED TO BMS)
- EXISTING FIRED SERVICE - TO BE DECOMMISSIONED/DISCONNECTED & REMOVED
- EXISTING FIRED SERVICE - RETAINED/MOTORIZED

A	Tender Issue	15-Sep-2024	KM
Revision	Description	Date	Drawn
			Checked

STATION 22

WATERFORD BUSINESS PARK,
WATERFORD,
IRELAND

TEL: 051 243171
TEL: 051 243172
EMAIL: info@geaneyengineering.ie

GEANEY
ENGINEERING
CONSULTANTS

WATERFORD BUSINESS PARK,
WATERFORD,
IRELAND

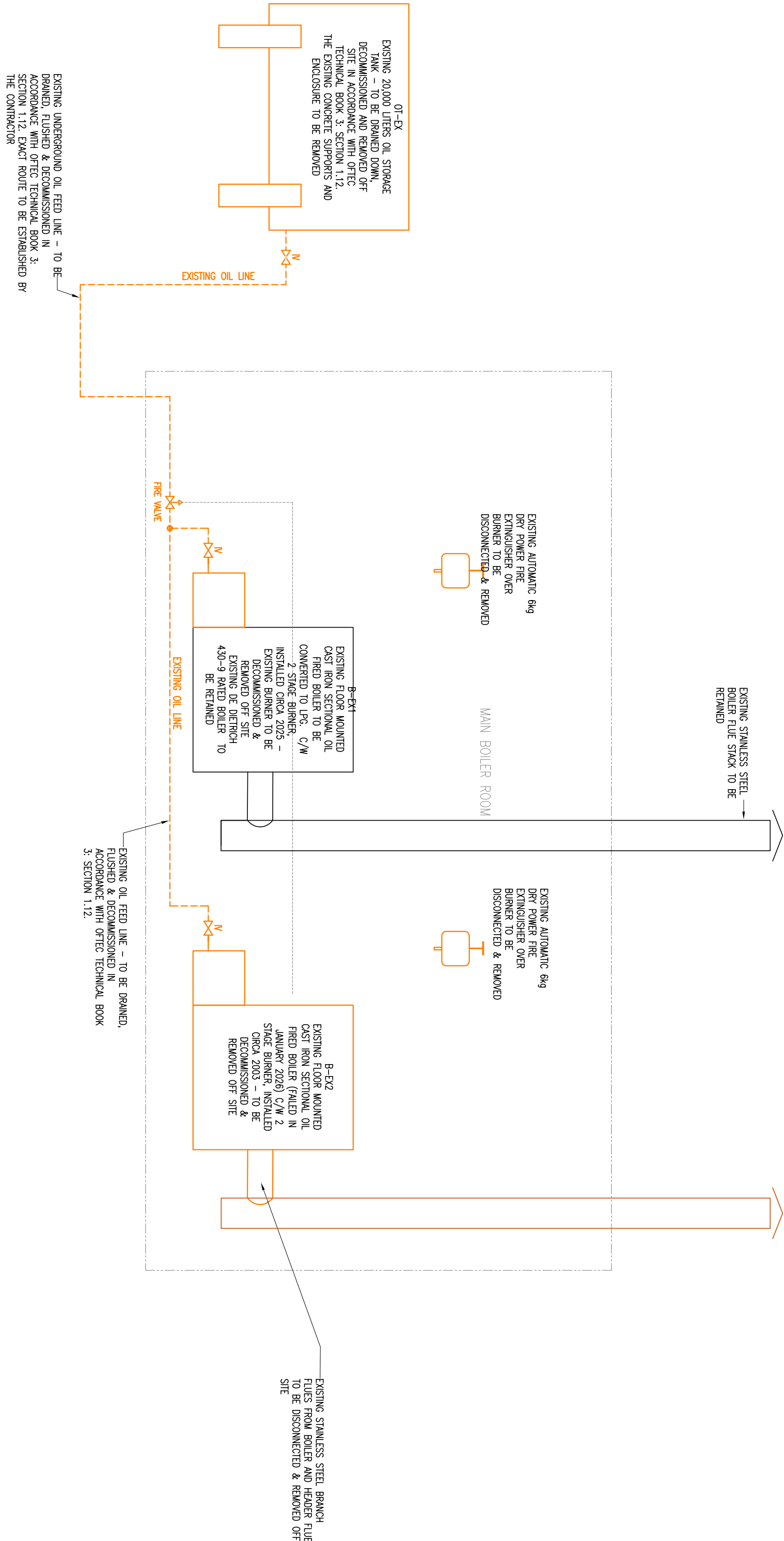
TEL: 051 243171
TEL: 051 243172
EMAIL: info@geaneyengineering.ie

Project title:
Heating Upgrade Emergency Works
Scheme at Bridge town College,
Co. Wexford.

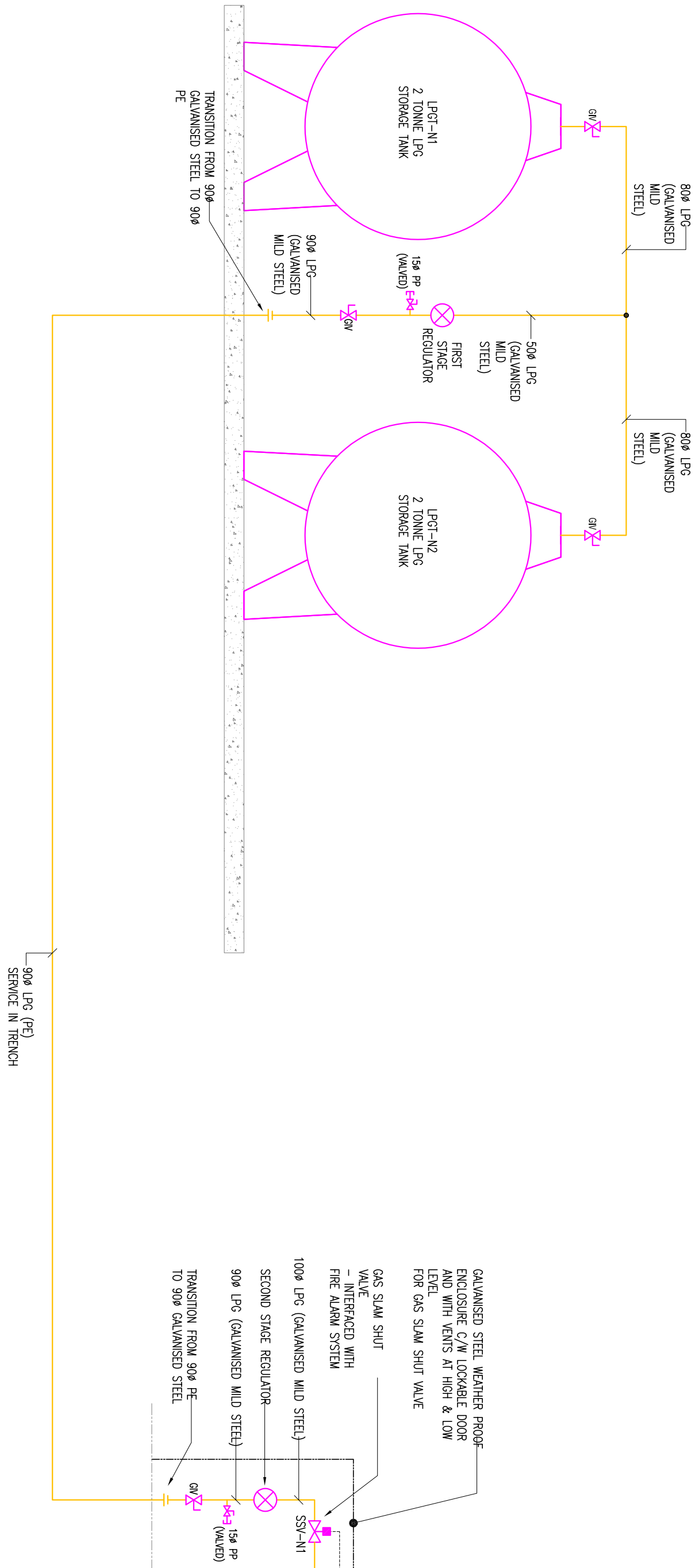
Drawing title:

Service Schematic

Scale:	NTS@A1
Project number:	0862
Drawing number:	M3



1 EXISTING OIL SCHEMATIC
NTS



2 PROPOSED GAS SCHEMATIC
NTS