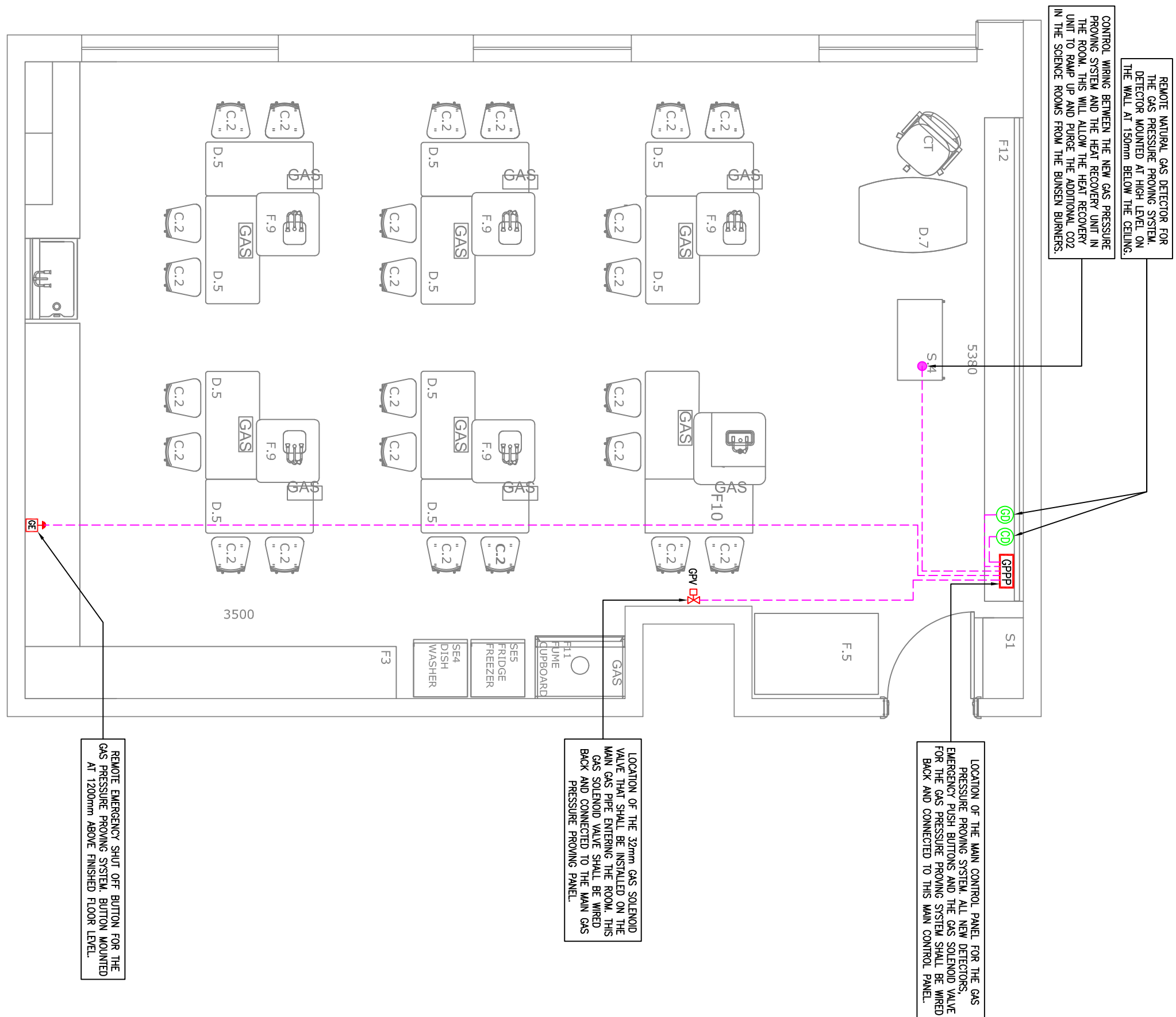
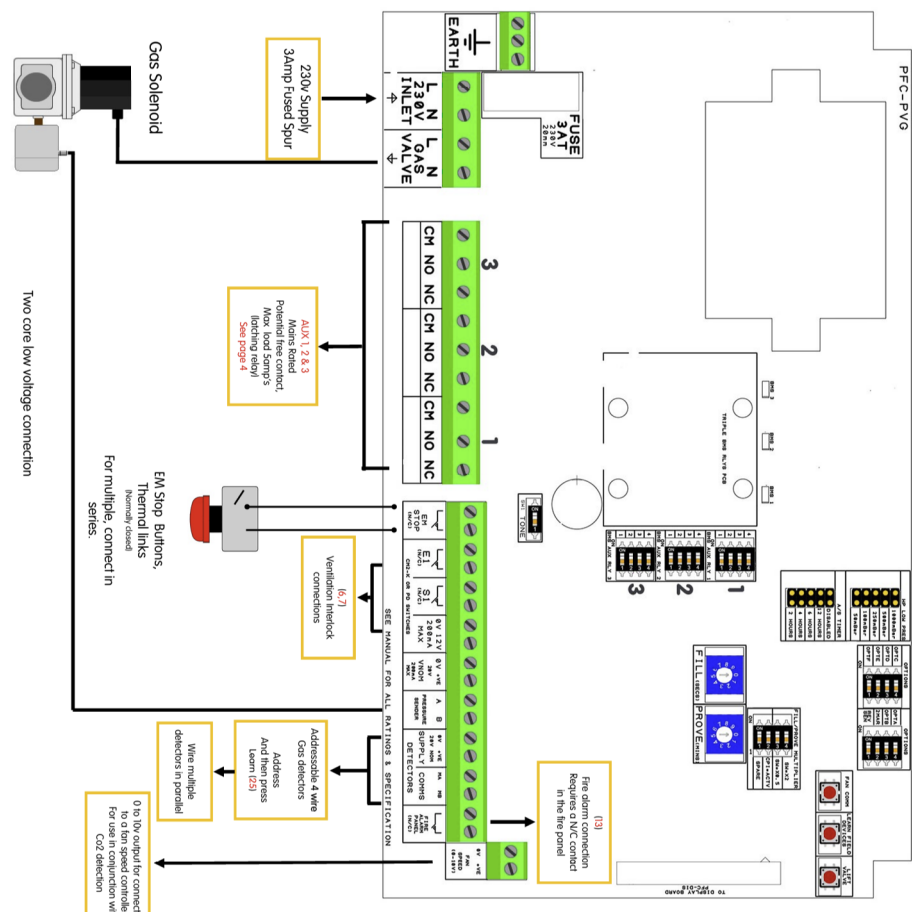




WIRING INFORMATION FOR THE GAS PRESSURE PROVING SYSTEM (SCALE 1:50)

GAS SERVICES LEGENDS AND SYMBOLS

②	CARBON MONOXIDE DETECTOR FOR THE GAS PRESSURE PROVING SYSTEM IN THE SCIENCE ROOM. THE DETECTOR SHALL BE MOUNTED ON THE WALL AT 1800mm ABOVE FINISHED FLOOR LEVEL.
②	NITROGEN GAS DETECTOR FOR THE GAS PRESSURE PROVING SYSTEM IN THE SCIENCE ROOM. THE DETECTOR SHALL BE MOUNTED ON THE WALL AT 1500mm BELOW THE FINISHED FLOOR LEVEL.
②	NEW GAS PRESSURE PROVING PANEL FOR THE GAS PRESSURE PROVING SYSTEM IN THE SCIENCE ROOM.
②	NEW GAS SOLINOID VALVE FOR THE GAS PRESSURE PROVING SYSTEM IN THE SCIENCE ROOM.
②	NEW EMERGENCY GAS SHUT-OFF BUTTON FOR THE GAS PRESSURE PROVING SYSTEM IN THE SCIENCE ROOM.
②	CONTROL WIRING BETWEEN GAS DEVICES AND THE GAS PRESSURE PROVING PANEL.
N	NEW ISOLATION VALVE
H/L	HIGH LEVEL
L/L	LOW LEVEL
T/B	TO BELOW
F.B.	FROM BELOW



All current wiring reactions must be followed with reference to running low and medium voltage cables together. The maximum cable length between a detector and the control panel should not exceed 300 meters; if the distance between the main panel and the detector is greater than 20 meters, a trim screened cable must be used on the X/E or Y terminals. Gas detectors, require a four core screened Bulletin Type security cable or 6000 rated BMS cable (max cable length of 300 meters).

Remove emergency stops and thermal limits require a two core screened cable.

Warning will be void if Fire Protection Cable or cable over trim dia is used on the SELV side.

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL DRAWINGS & SPECIFICATIONS.
2. THE MECHANICAL CONTRACTOR SHALL CO-ORDINATE FULLY WITH ALL OTHER TRADES BEFORE COMMENCING WORK. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL THE NECESSARY INFORMATION TO AID IN THE WORK OF OTHER TRADES.
3. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR CO-ORDINATING THE MECHANICAL INSULATION WITH THE ELECTRICAL CONTRACTOR ON SITE EXTRA COSTS INCURRED DUE TO THE CO-ORDINATION EXERCISE NOT BEING COMPLETED WILL NOT BE PAID BY THE EMPLOYER.
4. DO NOT SCALE THIS DRAWING, ALL DIMENSIONS TO BE TAKEN ON SITE.
5. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR THE SUPPLY AND INSTALLATION OF ALL MECHANICAL SERVICES INDICATED ON THE DRAWING.
6. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY SUITABLE FINAL ROUTES FOR PREWIRING, MECHANICAL SERVICES, ETC., AS INDICATED ON THE DRAWINGS.
7. MEN MUST RUN OF CONSTRUCTION, PREWIRE AND SERVICES SHALL BE INSTALLED IN THE AREAS AS INDICATED THIS IS INDICATIVE AND NOT A COMMITMENT.
8. FINAL LOCATION OF ALL ITEMS OF DRAIN/EXHAUST/PERWIRE, ETC. SHALL BE AGREED ON SITE WITH THE EMPLOYERS REPRESENTATIVE AND ALL CLIENTS.
9. ALL SERVICES THROUGH THE BARBERS SHALL BE LAYED DOWN SIDE OF THE BARBERS. THE MAIN CONTRACTOR SHALL ALLOW FOR THE PROTECTING THE DEFS AFTER SERVICES IS INSTALLED.
10. THE CONTRACTOR SHALL ALLOW FOR ALL NECESSARY LABOUR, WARE AND ATTENDANCES IN COMPLETING ALL THE WORKS AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS.

GAS SERVICES NOTES:

11. THE MECHANICAL THROUGHPUT SHALL ALLOW FOR DECOMMISSIONING AND REMOVAL. THE EXISTING GAS SERVICES INSTALLATION SHALL BE PRESERVED. VALVES, PRESSURE RISING STOPS, ETC. THROUGHOUT THE SERVICE ROOM AND THE PRESS. ROOM.
12. A NEW GAS SERVICES INSTALLATION SHALL BE SPECIFIED AND INSTALLED IN THE PRESS. ROOM AND THE SERVICE ROOM AS INDICATED ON THE DRAWING. ALL WORK SHALL BE COVERED OFF BY THE APPLICABLE COMBUSTION PROTECTION.
13. THE CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY SUITABLE FLUE ROUTES FOR GAS SERVICES PENWORK. ALL FLUE RUNS OFF THE EXISTING GAS SERVICES PENWORK SHALL BE INSTALLED IN THE CEILING VOID. ALL PENWORK IN THE CEILING VOID AND IN THE SERVICE VOID SHALL BE INSULATED.
14. ALL GAS SERVICES PENWORK SHALL BE SURFACE MOUNTED.
15. THE CONTRACTOR SHALL CO-ORDINATE THE FLUE POSITIONS OF ALL EQUIPMENT & SERVICES WITH ALL OTHER TRACES. EXTRA COSTS INCURRED DUE TO THE CO-ORDINATION EXPENSE NOT BEING COVERED WILL NOT BE ACCEPTED BY THE OWNER.
16. THE CONTRACTOR SHALL ALLOW FOR A COMPLETE NEW GAS SERVICES SYSTEM IN THE BUILDING WHICH INCLUDES ALL PENWORK, VALVES, GAS PRESSURE RISING STOPS, ETC. AS INDICATED ON THE DRAWINGS.
17. PROVIDE SOLUTIONS VALVES ON ALL FLUE CONNECTIONS TO FITTINGS.
18. THE NEW GAS SERVICES PENWORK FOR THE PRESS ROOM AND SERVICE ROOM SHALL BE CONNECTED BACK TO THE EXISTING GAS SERVICES PENWORK IN THE PENWORK ROOM. THE NEW GAS SERVICES PENWORK SHALL CONNECT TO THE EXISTING GAS SERVICES PENWORK AS INDICATED ON THE DRAWINGS.
19. THE ENTIRE GAS INSTALLATION SHALL COMPLY WITH IS2020:2010.
20. A NEW GAS PRESSURE RISING STOP SHALL BE INSTALLED FOR THE GAS SUPPLY TO THE SERVICE ROOM FOR THE GAS SERVICES INSTALLATION IN THAT ROOM. REFER TO THE DRAWING FOR THE FINAL LOCATION AND REFER TO THE SPECIFICATION FOR SPECIFIC INFORMATION ON THE SYSTEM AND COMPONENTS REQUIRED. SEE SPECIFICATION FOR FURTHER INFORMATION.
21. ALL INTERNAL GAS PENWORK THROUGHOUT (INCLUDING HANG CEILINGS) SHALL BE PRIMED AND PAINTED WITH 2co COATS OF YELLOW PINT AS SPECIFIED.
22. ALL GAS PENWORK INSTALLED THROUGHOUT THE ROOMS SHALL BE KEPTIN GRADE BLACK STEEL. THERE AND SHALL BE WELDED THROUGHOUT. ALL GAS PENWORK SHALL BE WELDED THROUGHOUT WITH NO THROATED JOINTS OR COMPRESSION JOINTS IN THE

T1	04.06.26	J. MARTIN	G. BENNDORF		
REV	DATE	PREPARED BY/PROJECT ENGINEER	QUALITY CHECK BY:		

M&E CONSULTANT



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Drawing Title

WIRING INFORMATION FOR THE GAS PRESSURE PROVING SYSTEM.

Architect

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McLoughlin Architecture
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Noas, Co. Kildare

54(M002)

Job No.	Drawn by:	Scale:	Rev.
26-028	J.M	1:50 on A1	T1