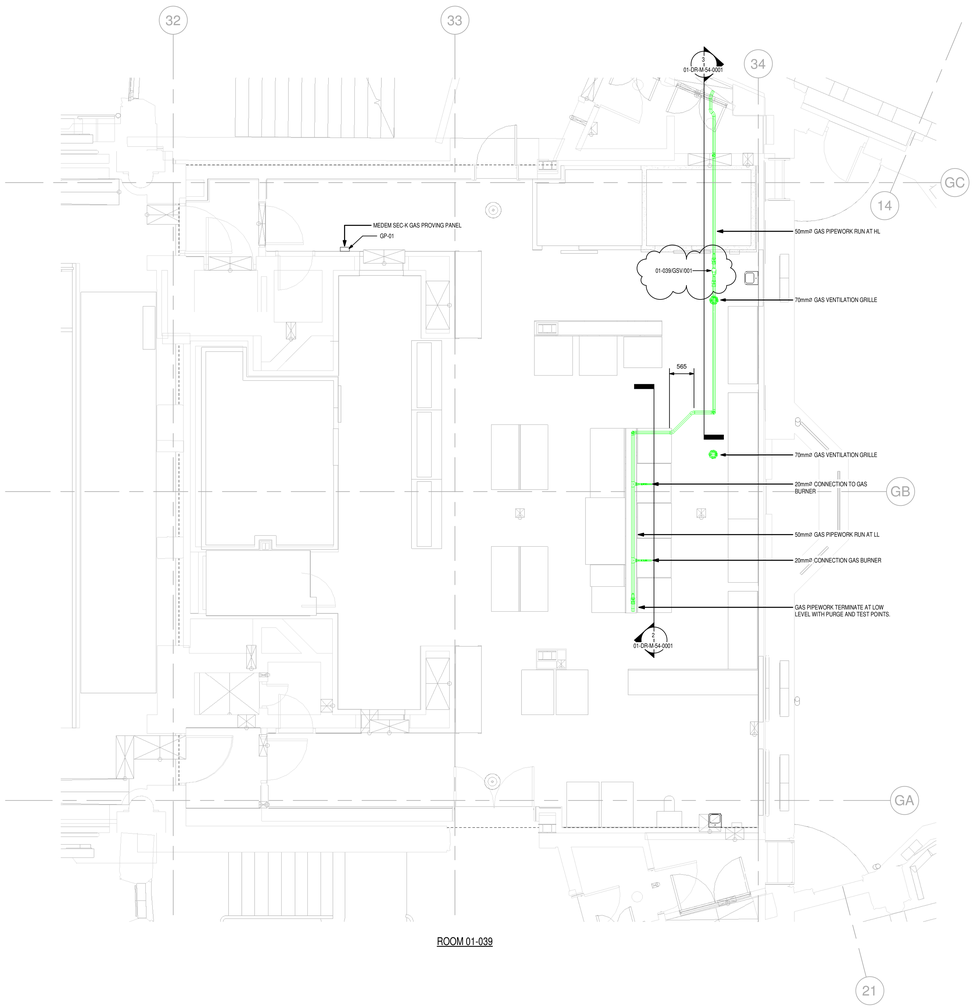
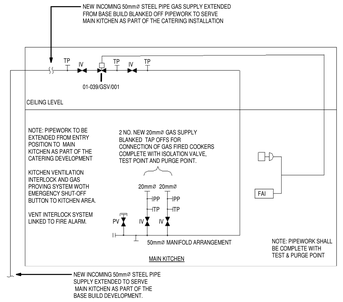
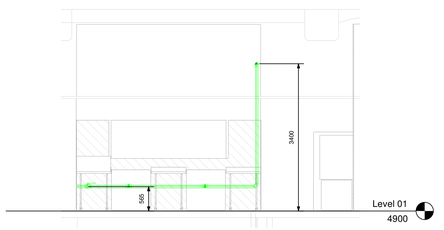


ROOM 01-039

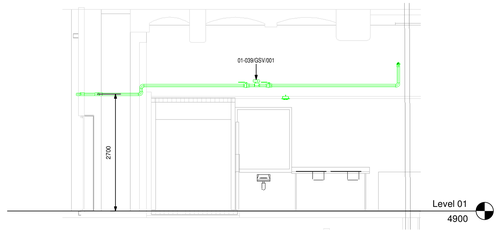


NATURAL GAS SCHEMATIC (N.T.S)



(2) (54) 01-039 Wall Elevation (West)

1 : 50



(3) (54) 01-039 Wall Elevation (East)

1 : 50

HK-N-50-General Notes

1 THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT DRAWINGS AND INFORMATION FROM THE WHOLE PROJECT TEAM AS AVAILABLE ON ACONEX. THIS IS INCLUSIVE OF, BUT NOT LIMITED TO, ALL AVAILABLE 3D REVIT MODEL INFORMATION FROM HULLEY & KIRKWOOD, TAYLOR DESIGN, PURCELL, RAMBOLL AND ARUP.
2 ALL ELECTRICAL INSTALLATION WORKS SHALL BE UNDERTAKEN IN ACCORDANCE WITH BS 7671 INCORPORATING AMENDMENTS.
3 THE CONTRACTOR SHALL ALLOW FOR DISJOINTED WORKS INVOLVED WITH THE PROJECT IN REGARD TO COORDINATION WITH ALL OTHER TRADES.
4 ALL MECHANICAL INSTALLATIONS TO BE UNDERTAKEN IN ACCORDANCE WITH THE PRINCIPAL CONTRACTORS PROGRAMME OF WORKS.
5 FINAL POSITIONS OF ALL EQUIPMENT SHALL BE AS PER THE SETTING OUT IN ACCORDANCE WITH THE ARCHITECTURAL INFORMATION.
6 ALL BMS CONTROLS, MECHANICAL CONTROL PANELS AND TESTING AND COMMISSIONING OF THE AUTOMATIC CONTROLS BY OTHERS. THE CONTRACTOR SHALL ALLOW FOR ALL REQUIRED LIAISON/COORDINATION WITH THE AUTOMATIC CONTROLS SPECIALIST AS PART OF THEIR WORKS TO ACCOMMODATE THE SETTING TO WORK OF ALL RESPECTIVE EQUIPMENT AND PLANT. FINAL INSTALLATIONS TO BE IN ACCORDANCE WITH THE ARUP PROJECT SPECIFICATION(S).
7 THE CONTRACTOR SHALL UNDERTAKE ALL WORKS IN ACCORDANCE WITH THE ARUP PROJECT SPECIFICATION(S). IF NOT PROVIDED AT THE TIME OF TENDER, THE CONTRACTOR SHALL REQUEST SAID DOCUMENT(S) AND ENSURE THEIR TENDER COMPLIES FULLY WITH THE OUTLINED REQUIREMENTS.
8 ALL INSTALLATIONS SHALL BE IN FULL ACCORDANCE WITH THE PROJECT ACOUSTIC REPORT.
9 ALL INSTALLATIONS SHALL BE IN FULL ACCORDANCE WITH THE PROJECT FIRE ENGINEERING REPORT.
10 THIS DRAWING IS DIAGRAMATIC ONLY AND SHOWS DESIGN INTENT. THE MECHANICAL SERVICES CONTRACTOR SHALL PROVIDE WORKING DRAWINGS FOR FINAL APPROVAL BY THE ARCHITECT PRIOR TO INSTALLATION, ALLOWING SUFFICIENT TIME FOR REVIEW AND COMMENT, AS NECESSARY, SUCH THAT IT DOES NOT IMPACT UPON THE PRINCIPAL CONTRACTORS PROGRAMME OF WORKS.
11 THE CONTRACTOR SHALL CONFIRM THEIR BUILDERSWORK REQUIREMENTS TO THE PRINCIPAL CONTRACTOR, ALLOWING SUFFICIENT TIME FOR THE WORKS TO BE UNDERTAKEN SUCH THAT IT DOES NOT IMPACT UPON THE PRINCIPAL CONTRACTORS PROGRAMME OF WORKS.

HK-N-54-Natural Gas Notes

1 THE NATURAL GAS SERVICES SHALL BE INSTALLED IN FULL ACCORDANCE WITH THE GAS SAFETY (INSTALLATION AND USE) REGULATIONS 1998 AND THE IGE:UP/2 REGULATIONS.
2 ALL POINT OF USE EQUIPMENT SHALL BE COMPLETE WITH LEVER HANDLE 'BALL-O-FIX' ISOLATING VALVES.
3 ALL SERVICES SHOWN ON THIS DRAWING INCLUDING SUPPORT BRACKETS AND SECONDARY STEELWORK SHALL BE PROVIDED BY THE MECHANICAL SERVICES CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE. INSTALLATIONS TO BE IN FULL ACCORDANCE WITH THE ARUP PROJECT SPECIFICATION(S).
4 SEE ARUP AND HULLEY & KIRKWOOD GAS SCHEMATICS FOR ALL VALVE ARRANGEMENTS.
5 ALL INSTALLATIONS TO BE IN FULL ACCORDANCE WITH THE ARUP PROJECT SPECIFICATION(S).
6 A GAS INTERLOCK SHALL BE PROVIDED BETWEEN THE KITCHEN GAS SOLENOID VALVE AND THE KITCHEN SUPPLY AND EXTRACT FAN INSTALLATIONS. THE CONTRACTOR SHALL ALLOW FOR FINAL INSTALLATION AND COORDINATION WITH THE BASE BUILD INSTALLATIONS.
7 MEDEM SEC-K GAS DETECTION, PROVING AND VENTILATION INTERLOCK TO BE PROVIDED WITHIN THE MAIN KITCHEN.
8 MAIN KITCHEN CEILING TO BE VENTILATED IN ACCORDANCE WITH THE GAS SAFETY (INSTALLATION & USE) REGULATIONS 1998 AS PART OF THE BASE BUILD.
9 REFER TO FIRE ALARM LAYOUT DRAWINGS FOR EMERGENCY SHUT-OFF BUTTON POSITIONS SERVING THE MEDEM SEC-K SYSTEM.

LEGEND

GAS SUPPY PIPEWORK	
DTLL	DROP TO LOW LEVEL
LL	LOW LEVEL
TP	TEST POINT
PP	PURGE POINT
IV	ISOLATION VALVE
PV	PURGE VALVE
	SOLENOID VALVE
	EMERGENCY SHUT-OFF BUTTON
FAI	FIRE ALARM INTERFACE

PIPE NOMINAL DIAMETER (MM)	20	25	32	40	50	80	100	125	150
PURGE POINT NOMINAL BORE (MM)	20	20	20	20	25	25	25	40	40

TABLE 1: MINIMUM PURGE POINT SIZES.

Date	Revision Description	Rev.	By
23/11/2023	GAS SOLENOID VALVE MOVED INTO KITCHEN AREA	C02	S Miah
25/05/2023	GAS VENTILATION GRILLES ADDED	C01	S Miah
02/08/2021	UPDATED IN LINE WITH CLASH REPORTS & COMMENTS	P05	J Staley
23/04/2021	ISSUED FOR TENDER	P04	J Staley
05/11/2020	ISSUED FOR WORK STAGE 5	P03	D Percy
30/08/2019	ISSUE FOR TENDER	P02	S Lu
23/08/2019	ISSUE FOR COMMENT	P01	S Lu

Revision Description

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...Making Buildings Work

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Project:
Manchester Town Hall Catering Works

Drawing Title:
NATURAL GAS LAYOUT AND SCHEMATIC LEVEL 01

Drawing Number:
OTH-HAK-TH-01-DWG-V-5401

Revision:	C02	**Rev Date:**	23/11/2023
Scale:	1 : 50		
Drawn By:	S Lu	**Checked By:**	R Beagan
		Approved By:	R Beagan
Arch Rev:	-		
Struct Rev:	-		

Issue Status:
CONSTRUCTION

A0