EMERGENCY ISOLATION SYSTEMS
A MANUALLY OPERABLE VALVE SHALL BE FITTED TO THE GAS SUPPLY TO A CATERING AREA TO ENABLE IT TO BE ISOLATED IN AN EMERGENCY. WHEREVER REASONABLY PRACTICABLE THIS VALVE SHALL BE LOCATED EITHER OUTSIDE THE CATERING AREA OR NEAR AN EXIT IN A READILY ACCESSIBLE POSITION. WHERE IT IS NOT REASONABLY PRACTICABLE TO LOCATE THE MANUAL VALVE IN A READILY ACCESSIBLE POSITION NEAR AN EXIT, AN AUTOMATIC ELECTRIC ISOLATION VALVE SYSTEM SHALL BE FITTED WITH A SHIELDED EMERGENCY STOP BUTTON OR CONTROL IN A READILY ACCESSIBLE POSITION NEAR THE EXIT FROM THE CATERING AREA. ELECTRIC ISOLATION VALVES SHALL EITHER CONFORM TO BS EN 161 OR THE RELEVANT REQUIREMENTS OF BS 7461 IF IT HAS AN INTEGRAL FREE HANDLE RESET FACILITY.

THE GAS SUPPLY SYSTEM SHALL BE INTERLOCKED WITH ANY MECHANICAL VENTILATION SUPPLY OR EXTRACT SYSTEM, AND THIS WILL NORMALLY REQUIRE THE FITTING OF AN AUTOMATIC VALVE.

SERVICES KEY

ELECTRICAL \ ITEM No: E E
ISOLATOR :
CONTROL PANEL:
SWITCHED SOCKET OUTLET:
LIGHT SWITCH:
FUSED SPUR:
TERMINATION OF ELECTRICAL TAIL WITH IP RATED ADAPTABLE OUTLET BOX WITH FIXED CONNECTORS
SWITCHED COMMANDO SOCKET
ELECTRICAL OUTLET POINT
DOUBLE POLE SWITCH
ANSUL PULL STATION
DATA POINT D
GAS \ ITEM No G G
GAS RISER
GAS TAIL
PLUMBING \ ITEM No: P P
COLD WATER
HOT WATER
WASTE TRAP
FLOOR GULLY
FLOOR CHANNEL
ABOVE FINISHED FLOOR LEVEL A

PLUMBING
ALL WATER PRESSURE REDUCING VALVES THAT MAY BE REQUIRED FOR EQUIPMENT ARE TO BE SUPPLIED AND FITTED BY OTHERS.
ANTI-SYPHONAGE PIPEWORK IS NOT ALLOWED WITHIN OUR OFFER UNLESS OTHERWISE STATED.
DRAINS FOR WATER SOFTENERS & COMBINATION OVENS TO BE A TUNDISH.
RECOMMENDED HOT WATER TEMPERATURES
(MAXIMUM)SINKS AND DISHWASHERS - 50°C
WASH HAND BASIN - 41°C
(TEMPERATURE CONTROL VALVES BY OTHERS)

GENERAL
ALL WALL UNITS WHERE INDICATED ARE TO BE TIGHT AGAINST WALLS. DO NOT ALLOW FOR SURFACE RUN SERVICES IF APPLICABLE. ALL DIMENSIONS ARE FROM FINISHED WALL SURFACES.

ELECTRICAL
ALL ELECTRICAL TAILS LEFT BY OTHERS ARE TO BE A MINIMUM OF 2000mm LONG. EARTH BONDING SUPPLIED BY OTHERS TO SUIT LATEST EDITION / REGULATIONS.
ALL EARTH BONDING REQUIREMENTS INCLUDING FINAL CONNECTION ARE NOT INCLUDED.
VENTILATION CANOPY LIGHTING CONNECTIONS ARE TO BE THE RESPONSIBILITY OF OTHERS.

SOFTENED WATER
SOFTENED WATER IS REQUIRED TO THE FOLLOWING ITEMS
OF EQUIPMENT LISTED BELOW, (LOCAL WATER SOFTENERS HAVE BEEN ALLOWED)

DESCRIPTION
- DISHWASHER
- COMBINATION OVEN

MAINS WATER
MAINS DRINKING WATER IS REQUIRED TO THE FOLLOWING ITEMS OF EQUIPMENT LISTED BELOW:

DESCRIPTION
- SINK UNIT
- COMBINATION OVEN
- WATER BOILER

NOTE : ABOVE GROUND WASTE PIPES
GENERAL - RECOMMEND HIGH TEMPERATURE PVC WASTES, I.E. KEY TERRAIN OR HUNTER SHOULD BE USED.
COMBINATION OVENS/STACKED - MINIMUM ONE METER OF COPPER PIPE LEADING TO APPLIANCE OR FLOOR GULLY

WATER PRESSURE
WATER PRESSURE REQUIRED TO THE FOLLOWING ITEMS OF EQUIPMENT AS LISTED BELOW:

DESCRIPTION	
DISHWASHER	1.5-MAX 3.0 BAR
COMBINATION OVEN	1.5-MAX 3.0 BAR
COFFEE MACHINE	1.5-2.5 BAR
WATER BOILER	1.5-2.5 BAR
GLASSWASHER	1.5-2.5 BAR

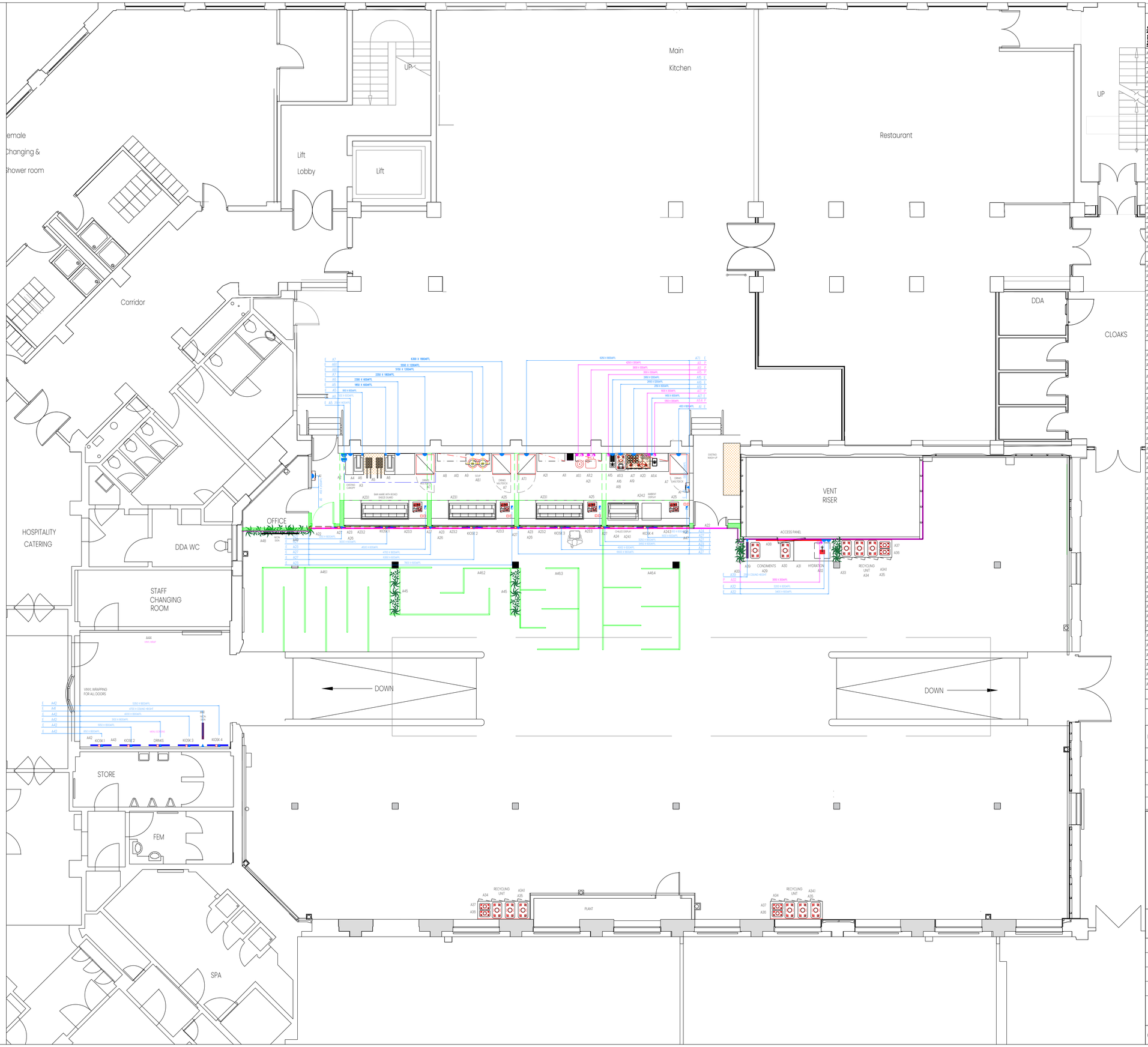
WATER FLOW RATES
WATER FLOW RATES REQUIRED TO THE FOLLOWING ITEMS OF EQUIPMENT AS LISTED BELOW:

DESCRIPTION	
DISHWASHER	5.5 LITERS PER MIN
GLASSWASHER	198 LITERS PER HOUR

IMPORTANT NOTE
DOOR OPENING TO KITCHEN AREA TO ALLOW FOR LARGEST CATERING APPLIANCE LISTED BELOW

ITEM *DESCRIPTION*
COMBINATION OVEN
XXXXmm(w) x XXXXmm(d) x XXXXmm(h)

REQUIREMENTS BY LOCAL WATER BYLAWS ARE THE RESPONSIBILITY OF OTHERS



LEGEND				SERVICES REQUIRED PER ITEM								
Item No.	Quantity	Model No.	Description	Gas btu/h	Gas Connect	Elec. P.H.	Elec. K.W.	Elec. A.M.P.	Note.	Hot Water	Cold Water	Waste Trap	Floor Drain	Extra Note.
A1	2	DJ051	INSECT KILLERS			1	0.1		SSO					
A2	1	EXISTING	VENTILATION CANOPY											
A3	1	SPECIAL	CLADDING											
A4	1	SPECIAL	WORKBENCH											
A5	2	EXISTING	FRYERS											TBC
A6	2	DEB109	CHIP SCUTTLE			1	1.5		SSO					
A7	3	EMD700G	CHILLED MULTIDECK			1	0.2		SSO					
A7.1	1	EMD700G	CHILLED MULTIDECK			1	0.2		SSO					
			W/ REVERSED DOOR											
A8	1	SPECIAL	BACK COUNTER											
A8.1	2	SPECIAL	INSET SOUP WELLS & COVERS			1	3		SSO					
A9	1	SPECIAL	BREAD SHELF											
A10	1	SPECIAL	2-TIER WALL DISPLAY											
A11	1	SPECIAL	BACK COUNTER											
A11.1	1	SPECIAL	HAND BASIN & TAPS							15	15	35		
A11.2	1	SPECIAL	SINK BOWL & TAPS							22	22	42		
A11.3	1	SPECIAL	KNOCK-OUT CHUTE											
A11.4	1	SPECIAL	PITCHER RINSER								15	35		
A15	1	1000763F	WATER BOILER			1	2.8		SSO		22			
A16	1	EXISTING	COFFEE GRINDER			1	0.2		SSO					TBC
A17	1	EXISTING	COFFEE MACHINE			1	6		ISO		22	42		TBC
			W/ WATER FILTER											
A18	1	SLIM JIM	REFUSE BIN											
A19	1	UCR140	U/C FRIDGE			1	0.14		SSO					
A20	1	SPECIAL	2-TIER WALL DISPLAY											
A21	2	SPECIAL	2-TIER WALL DISPLAY											
A22	1	SPECIAL	SLATTED WALL CLADDING											
A23	3	SPECIAL	SERVERY COUNTER			1		32	MCB					TBC
A23.1	3	SPECIAL	U/C HOTCUPBOARD											INCLUDED IN ITEM A23
A23.2	3	SPECIAL	5GN BAIN MARIE C/W											INCLUDED IN ITEM A23
			BOXED SNEEZE GUARD											
A23.3	3	SPECIAL	KIOSK NUMBER											
A24	1	SPECIAL	SERVERY COUNTER			1		32	MCB					TBC
A24.1	1	SPECIAL	CHILLED DISPLAY											INCLUDED IN ITEM A23
A24.2	1	SPECIAL	AMBIENT DISPLAY											INCLUDED IN ITEM A23
A24.3	1	SPECIAL	KIOSK NUMBER											
A25	4	BY OTHERS	TILLS			1	0.61		3X13SO					INCLUDED IN IT (TILLS ONLY)
A26	4	SPECIAL	FIRE SHUTTERS											
A27	8	SPECIAL	DIGITAL SCREENS			1		13	SSO					DATA
A28		SPARE NO.												
A29	1	SPECIAL	CONDIMENT UNIT											
A30	2	SLIM JIM	REFUSE BINS											
A31	1	SPECIAL	HYDRATION STATION											
A32	3	5000857	WATER TAP			1		13	2XISO		22	35		
A33	2	SPECIAL	PLANTER BOX											
A34	3	SPECIAL	RECYCLING STATIONS											
A34.1	3	SPECIAL	WITH LIQUID CHUTES											
A35	9	SLIM JIM	REFUSE BINS											
A36	3		SMALL REFUSE BIN											
A37	3		LIQUID CONTAINER											
A38	1	SPECIAL	WASTE NEON SIGN			1		13	LIGHT SWITCH					
A39	1	SPECIAL	WATER 3D NEON SIGN			1		13	LIGHT SWITCH					
A40		SPARE NO.												
A41	1	SPECIAL	ENTRANCE 3D NEON SIGN			1	TBC		SSO					
A42	5	SPECIAL	DIGITAL MENU BOARDS			1	3		SSO					DATA
A43	1	SPECIAL	VINYL CLADDING											
A44	1	SPECIAL	VINYL CLADDING											
A45	2	SPECIAL	MOBILE PLANTER BOXES											
A46.1	1	SPECIAL	KIOSK 1 QUEUE BARRIER SET											
A46.2	1	SPECIAL	KIOSK 2 QUEUE BARRIER SET											
A46.3	1	SPECIAL	KIOSK 3 QUEUE BARRIER SET											
A46.4	1	SPECIAL	KIOSK 4 QUEUE BARRIER SET											
A47	1	SPECIAL	MESH DIVIDER											
A48	1	SPECIAL	GREEN WALL											
A49	1	SPECIAL	STREET HALL NEON SIGN			1		13	LIGHT SWITCH					

Rev	Amendment	Revision Date	Revision By	Checked By
A	QUEUE REVISED	13.02.24	D.H	
B	DRG REVISED TO MATCH VISUAL	14.02.24	S.M	
C	FURNITURE REVISED	21.03.24	S.M	D.H
D	LAYOUT REVISED, FURNITURE ADDED.	25.03.24	D.H	
E	FURNITURE AND KIOSK EQUIPMENT REVISED	15.04.24	S.M	D.H

ifse | RESTAURANT DESIGN BUILD & MAINTAIN

FOR TENDER

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PROJECT	CROYDON COLLEGE			
LOCATION	GROUND FLOOR			
DWG NO	LH13197-IFS-01-00-DR-Y-0002			REV
DWG TITLE	SERVERY SERVICE DRAWING			E
SCALE	SIZE	DATE	DESIGNER	CHECKED
1:20	A0	22/04/2024	D.H	*

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