



CONSTRUCTION. JOINERY. SHOPFITTING.

WRITTEN SPECIFICATION OF THE WORKS

13/01/2023

Rev - 13/01/2023

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GENERAL SPECIFICATION

PARTITIONS AND LININGS

Non fire rated partitions generally comprise:

70mm C stud lined with 11mm OSB or WPB Ply and 15mm tapered edge plasterboard to each side. All joints taped and filled.

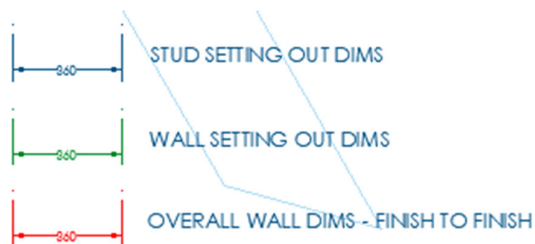
Non fire rated linings generally comprise:

50mm/70mm I stud lined with 11mm OSB or WPB Ply and 15mm tapered edge plasterboard. All joints taped and filled

Fire rated linings & partitions generally:

Fire rating is generally achieved by double boarding. See notes on drawings where applicable.

All studs and plasterboard generally to be British Gypsum and all to be installed as per installation instructions contained in British Gypsum white book.



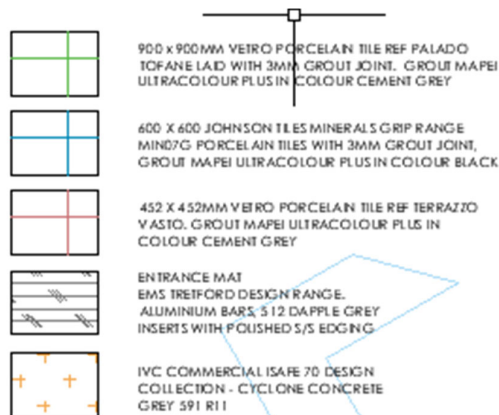
WHERE DIM MARKED ** THIS MUST BE ACHIEVED FOR SETTING OUT OF JOINERY

DOOR SCHEDULE

DOOR SCHEDULE

DOOR NO	DESCRIPTION	NEW/EXTG	STRUCTURAL OPENING	LEAF SIZE	FIRE RATING	SMOKE SEAL	FDKS	FDKL	VP	FINISH	NOTES
DG01	SHOPFRONT DOOR	EXTG	EXTG	EXTG	NONE	NO	NO	NO	NO	AS B. GLASS FRAMELESS DOOR	DOOR TO BE SERVICES AND ANY WORN/BROKEN/MISSING PARTS REPLACED
DG02	BOH DOOR	NEW	910 X 2100	826 X 2040	30 MIN	NO	YES	NO	NO	PRE FINISHED FORMICA F7902 RON /KITT WITH SOLID TIMBER LPPNGS	
DG03	SERVICES DOOR	NEW	710 X 2100	626 X 2040	30 MIN	NO	NO	YES	NO	PRE FINISHED FORMICA F7902 RON /KITT WITH SOLID TIMBER LPPNGS	
DG04	WC DOOR	NEW	810 X 2100	726 X 2040	NONE	NO	NO	NO	NO	PRE FINISHED FORMICA F7902 RON /KITT WITH SOLID TIMBER LPPNGS	
DG05	UNDERSTAIRS DOOR	NEW	810 X 2100	726 X 2040	NONE	NO	NO	NO	YES	PRE FINISHED FORMICA F7902 RON /KITT WITH SOLID TIMBER LPPNGS	
DB01	ESCAPE STAIRCASE DOOR	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	DECORATE EXISTING DOOR JOHNSTONES PALE GREY EGG SHELL	NO PROPOSED WORKS APART FROM REDECORATION
DB02	STORE DOOR	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	DECORATE EXISTING DOOR JOHNSTONES PALE GREY EGG SHELL	NO PROPOSED WORKS APART FROM REDECORATION
DB03	UNDERSTAIRS DOOR	NEW	900 X 2000	826 X 2040	30 MIN	NO	YES	NO	NO	PRE FINISHED FORMICA F7902 RON /KITT WITH SOLID TIMBER LPPNGS	
DB04	ELECTRICAL CUPBOARD DOOR	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	DECORATE EXISTING DOOR JOHNSTONES PALE GREY EGG SHELL	NO PROPOSED WORKS APART FROM REDECORATION
DB05	WC DOOR	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	DECORATE EXISTING DOOR JOHNSTONES PALE GREY EGG SHELL	NO PROPOSED WORKS APART FROM REDECORATION
DB06	CORRIDOR DOOR	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	DECORATE EXISTING DOOR JOHNSTONES PALE GREY EGG SHELL	NO PROPOSED WORKS APART FROM REDECORATION
DB07	STAIRWELL DOOR	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	DECORATE EXISTING DOOR JOHNSTONES PALE GREY EGG SHELL	NO PROPOSED WORKS APART FROM REDECORATION
DB08	GREASE TRAP DOOR	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	DECORATE EXISTING DOOR JOHNSTONES PALE GREY EGG SHELL	RE-HANG DOOR TO OPEN OUTWARDS AND REDECORATE
DB09	OFFICE DOOR	NEW	910 X 2100	826 X 2040	NONE	NO	NO	NO	YES	PRE FINISHED EGGER DUST GREY LAMINATE U732 STP WITH SOLID TIMBER LPPNGS	

FLOORING AND DECORATIONS



Note: once existing basement floor finish removed check moisture level floor with damp meter to check moisture levels in existing DPM.

If screed and DPM required:

Apply Gypsol TS-15 calcium sulphate-based screed on Visqueen DPM. Thickness varies between 15-35mm. Apply sealer coat and latex self-levelling screed before installing non-slip vinyl

If DPM required:

Apply chemical DPM - spec tbc - and allow to dry

Else:

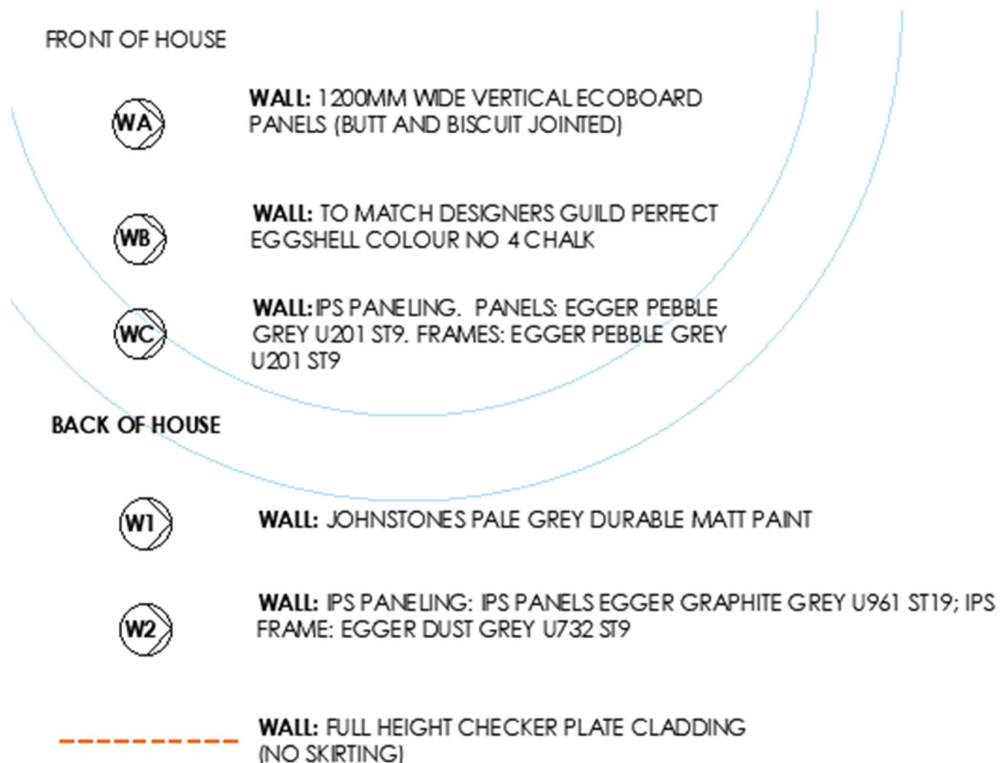
Apply latex self-levelling screed

On ground floor establish levels and board out as necessary finishing with latex self-levelling screed, anti-fracture matting and porcelain tiles noting setting out points on drawing

SKIRTINGS NOSINGS AND TRIMS



WALL FINISHES



DOOR FINISHES

GENERALLY:

Front of house: pre-finished Formica F7902 iron matt

Back of house: pre-finished egger dust grey laminate U732 ST9

ARCHITRAVES AND OTHER WOODWORK

Front of house

Frame and shadow gap to match Formica f7902 iron matt eggshell

Back of house

Johnstone's pale grey eggshell to match walls

CEILINGS

Front of house

To match Designer's Guild Perfect Matt colour Chalk

Back of house

Back of house black Zentia Prelude 24 grid with British Gypsum black Satin Spa ceiling tiles 600 x 600mm

CEILINGS



NEW MF CEILING 15MM P/B T/E TAPED AND FILLED.
HEIGHTS AS SHOWN ON DRAWING



NEW MF CEILING 11MM OSB AND THEN 15MM P/B
T/E TAPED AND FILLED. HEIGHTS AS SHOWN ON
DRAWING



IN WINDOW REVEALS NEW MF CEILING 11MM OSB
AND THEN 15MM P/B T/E TAPED AND FILLED.
HEIGHTS AS SHOWN ON DRAWING



EXISTING CEILING RETAINED AND REPAIRED



BLACK ZENTIA PRELUDE 24 GRID WITH BRITISH
GYPSUM BLACK SATIN SPA CEILING TILES 600 X
600MM



EXISTING CEILING REDECORATED

LIGHTING

Front of house

REF	DESCRIPTION	RECESSED/ SURFACE	DALI DIMMABLE	NO REQUIRED
 L01	XAL SASSO WALL WASHER	RECESSED	YES	10
 L01A	XAL SASSO WALL WASHER (RETAIL OPTIC)	SURFACE	YES	2
 L02	XAL SASSO ADJUSTABLE DOWNLIGHTER	RECESSED	YES	19
 L03	XAL SASSO 100 DOWNLIGHTER	SURFACE	YES	5
 L04	BO 32 ON TRACK	SURFACE	NO	5
 L04A	BO CROSSOVER	SURFACE	NO	16
 L05	XAL NANO TURN SHELF LIGHTING	SURFACE	NO	4
 L06	BASO 40 300K WITH DIFFUSER (4800 = 4 X 1200MM)	SUSPENDED	YES	1
 L08	XAL PICO TILT BLACK COUNTER NUT FITTING	SURFACE	NO	4
 L09	SKINFLING DESIGN EASTERN BLOC FEATURE PENDANT	SUSPENDED	YES	6
 EM	ANSELL SIGNAL LED PRO EMERGENCY DOWNLIGHT 2.5W NON-MAINTAINED DALI COMPATIBLE	RECESSED	N/A	6
 EM	ANSELL RAZZO EXIT SIGN WHITE DALI COMPATIBLE	RECESSED	N/A	2

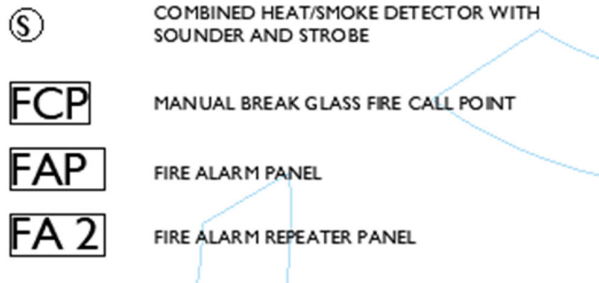
Back of house

	TIMEGUARD SLFMB60N 360° CEILING OCCUPANCY PIR FLUSH MOUNTING
	DISCO SLIM LED CCT 3W COOL WHITE/WARM WHITE C/W DISCO SLIM LED GRAPHITE TRIM RING EM = EMERGENCY MW = MICROWAVE SENSOR
	DISCO SLIM LED CCT 3W COOL WHITE/WARM WHITE C/W DISCO SLIM LED GRAPHITE TRIM RING EM = EMERGENCY MW = MICROWAVE SENSOR NOTE: WALL MOUNTED
	PRISM PRO LED FIRE RATED DOWNLIGHT 6W 4000K C/W PRISM PRO MATT BLACK TRIM BEZEL
	RAVEN LED EMERGENCY DOWNLIGHT 3W NON-MAINTAINED - OPEN AREA WHITE
	RAVEN LED EMERGENCY DOWNLIGHT 3W NON-MAINTAINED - ESCAPE ROUTE WHITE
	ENCORE LED EXIT SIGN MAINTAINED / NON-MAINTAINED 2.6W WHITE

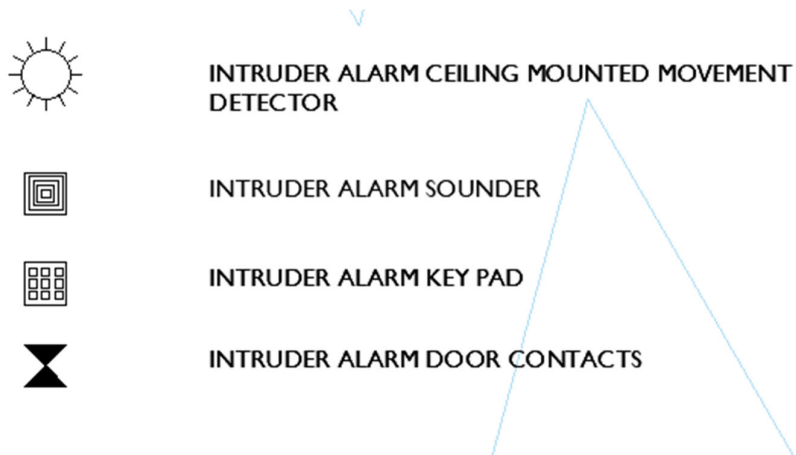
Switching circuits

	DESCRIPTION	DIMMABLE	NIGHT SETTING
(S1)	WALL WASHERS MENU WALL	YES	YES
(S2)	WALL WASHERS RETAIL	YES	YES
(S3)	DOWNLIGHTERS	YES	NO
(S4)	DOWNLIGHTERS SURFACE WINDOW (NOT BIN)	YES	YES
(S5)	DIRECTIONAL SPOTS FOR POSTERS (NOT BIN)	NO	YES
(S6)	LED STRIPS COUNTER SHELVING	NO	YES
(S7)	SUSPENDED LINEAR LIGHT	YES	YES
(S8)	DISPLAY LIGHTS CAKE DISPLAY	NO	NO
(S9)	SKINFLINT VINTAGE PENDANTS	YES	YES
(S10)	KNOOPS BRANDING SIGNAGE	YES	YES
(S11)	ILLUMINATED K ON COUNTER	NO	YES
(S12)	TROUGH LIGHTS FOR SIGNAGE	NO	YES
(S13)	BACK COUNTER EXTRACT	NO	NO
(S14)	GREASE TRAP EXTRACT	NO	NO

FIRE ALARM



INTRUDER ALARM



CCTV



MUSIC



HVAC

OVERDOOR HEATERS

Recessed heaters chosen from the Consort Claudgen Screenzone commercial series. Size dependant on door size. Generally, 3 phase versions selected, c/w remote switching not wireless

Surface mounted air curtains chosen from JS Air Curtains

A/C

Mitsubishi Electric PEAD -M125SA ducted system. 250mm dia ducting with insulated flexi duct to diffusers. Diffusers 250mm dia sprayed RAL 9010 c/w circular diffuser neck adaptor from Greenmills

KITCHEN EXTRACT

System Air K150EC inline fan. 150mm ducting with insulated flexi duct to grills. Suitable grills and neck adaptor chosen from Greenmills

EXTRACT/FRESH AIR

Mitsubishi Electric LGH35RVX ducted system. 150mm dia ducting with insulated flexi duct to diffusers and grills. Suitable diffusers, grills and neck adaptors chosen from Greenmills

EXTERNAL HEATERS

3 kw infra-red heater. Cable terminated in small back joint box. Each point individually fed using 2.5 T&E LSF from separate breaker and isolated on the metal trunking with the other isolators using MK metal clad switched fused spurs with neon indicators

CEILING HATCHES

To be chosen from Jupiter Blue BFFD-PLAST beaded frame fire rated access panels with plaster door range. Sizes noted are structural opening required for each hatch actual hatch 5mm smaller in each direction. Hatches are 1 hour fire rated to BS EN 1364-2 and 1634-1

POWER

	STANDARD WHITE 3 COMPARTMENT DADO ELECTRICAL TRUNKING. FIXED AT 800MM AFFL
	SWITCHED SPUR
	SINGLE SWITCHED SOCKET OUTLET
	DOUBLE SWITCHED SOCKET OUTLET
	5 PIN COMMANDO TYPE SOCKET OUTLET
	SINGLE SWITCH
	SWITCH GRID

Installation is to be carried out by a qualified electrician who is also a member of an approved registered competent person scheme

Electrical installation to comply with IEE 18th edition

The following are to be installed in the data cabinet:

- Patch panel
- Router
- Switch panel
- Music amplifier (Tangent Ampster BT II)
- Music concierge box (KL4-A compact player)
- 4tb CCTV hard drive
- CCTV screen

Note all socket outlets including 3-phase are to be located below countertop. Drill 80mm cable port holes installing Hafele cable outlet, ø 80 mm, two-part in polished s/s finish 631.50.200

Any socket outlets which cannot go below counter should be of the following specification:

Front of house sockets

Any sockets on black Richlite are to be black

Any sockets on stainless steel are to match

Any socket FOH visible to customer to be Soho House Eldon Collection flat plate white metal screwless

Back of house sockets

Sockets and switches in office, tea point and staff area to be white delta slimline mounted either on trunking or on dry lining backboxes

DATA

Data



RJ45 DATA OUTLET
NO. DENOTES NUMBER REQU'D



WIRELESS ACCESS POINT
UNIFI AC PRO UAC-AC-PRO

POWER DISTRIBUTION

HAGER 12 WAY TPN GLAZED DOOR 125AMP BOARD

HAGER 3 POLE MAINS INCOMING 125AMP

1. AIR CONDITIONING - C 32 AMP - RCBO
2. APPLIANCE RING - B 32 AMP - RCBO
3. DISHWASHER - B 32 AMP - RCBO
4. OVERDOOR HEATER 1 ENTRANCE DOOR - CLAUDGEN RAC1006 9kw
(STANDARD CONTROLLER)- B 32 AMP - THREE PHASE MCB
5. OVERDOOR HEATER 1 ENTRANCE DOOR - CLAUDGEN RAC1006 9kw
(STANDARD CONTROLLER)- B 32 AMP - THREE PHASE MCB
6. OVERDOOR HEATER 1 ENTRANCE DOOR - CLAUDGEN RAC1006 9kw
(STANDARD CONTROLLER)- B 32 AMP - THREE PHASE MCB
7. OVERDOOR HEATER 2 - SPARE
8. OVERDOOR HEATER 2 - SPARE
9. OVERDOOR HEATER 2 - SPARE
10. COFFEE MACHINE - B 20 AMP - RCBO
11. OFFICE SOCKETS - B 16 AMP - RCBO
12. KITCHEN SOCKETS - B 16 AMP - RCBO
13. IPAD SOCKETS - B 16 AMP - RCBO
14. CUSTOMER SOCKETS - B 16 AMP - RCBO
15. DISPLAY SOCKETS - B 16 AMP - RCBO
16. WINDOW / FLOOR SOCKETS - B 16 AMP - RCBO
17. HAND DRYER - SPARE
18. WATER HEATER - C 16 AMP - RCBO
19. REFRIGERATION SOCKETS - B 16 AMP - RCBO
20. WC PANEL HEATER - B 16 AMP - RCBO
21. OFFICE PANEL HEATER - B 16 AMP - RCBO
22. SOCKETS BELOW MAINS - B 32 AMP - RCBO (3 DOUBLE METAL CLAD SOCKETS
SHOULD BE ALLOWED HERE)
23. DISHWASHER - B 16 AMP - RCBO
24. ICE CREAM MACHINE - C 16 AMP - THREE PHASE MCB

- 25.ICE CREAM MACHINE - C 16 AMP - THREE PHASE MCB
- 26.ICE CREAM MACHINE - C 16 AMP - THREE PHASE MCB
- 27.COMMS CAB - B 20 AMP - MCB (3 DOUBLE METAL CLAD SOCKETS SHOULD BE ALLOWED)
- 28.INTRUDER ALARM - B 10 AMP - MCB
- 29.FIRE PANEL - B 10 AMP - MCB
- 30.RAKO PANEL 1 - B 10 AMP - RCBO
- 31.RAKO PANEL 2 - B 10 AMP - RCBO
- 32.RAKO RACK LINK - PANEL 3 - B 10 AMP - RCBO
- 33.BOH LIGHTS - B 10 AMP - RCBO
- 34.EXTERNAL HEATER - B20 AMP RCBO
- 35.EXTERNAL HEATER - B20 AMP RCBO
- 36.EXTERNAL HEATER - B20 AMP RCBO
- 37.EXTERNAL HEATER - B20 AMP RCBO
- 38.EXTERNAL HEATER - B20 AMP RCBO
- 39.EXTERNAL HEATER - B20 AMP RCBO
- 40.SPARE
- 41.SPARE
- 42.SPARE
- 43.SPARE
- 44.SPARE
- 45.SPARE
- 46.SPARE
- 47.SPARE
- 48.SPARE

SPARES SHOULD FILLED WITH HAGER FULL BLANKS
ALL OF ABOVE SHOULD BE BALANCED ACROSS EACH PHASE

RAKO CONTROL BOARD 1

- MAIN LIGHTING

RAKO CONTROL BOARD 2

- MAIN EXTRACT
- CAKE DISPLAY
- INTERNAL ILLUMINATED SIGNAGE
- CEILING FEATURE LIGHTING
- BASEMENT EXTRACT AND VENTILATION

CABLES

All cables are to be LSF

Speaker cables - Trusound professional OFC speaker cable 14/2 LSHF violet

Lighting Dali-Prismian/Draka - LSF

Flex - LSF

Power - Prismian/Draka - LSF - SWA as required for 3 phase appliances/ externally run

ELECTRICAL FRONT PLATES

BOH

Generally, MK metal clad range – surface mounted

BOH appliance isolation / rotary isolators / switched fused spurs etc – to be mounted on side of 150mm x 150mm galvanized trunking running vertically. In position to suit.

BOH staff office – White Deta – Dado Uni vault triple compartment

FOH CUSTOMER VISIBLE SOCKETS

Floor sockets – stainless steel flap - click FS31 1SS floor plate 1G 2 aperture and click FS032SS socket 2G floor 13A SS

Sockets and connection plates in counter – white Deta on MK deep surface back box – cut in on Appleby dry lining box where possible

DATA

All euro modules are white - 008-000-001-20 - CCS CAT 6 compact UTP RJ45 Euro Module

Face plates or ranges to suit the areas detailed in electrical above

COMMS CABINET

RR-W5-21-G Wall Cab 21U 600X600 Glass Door

2 @ RR-S1 Cantilever Vented Shelf 1U 300MM 25Kg

48 PORT CAT6 UTP Elite Patch Panel High Density 48 CAT6 Ports In 2U Of Space Part Number: 009-001-009-30 or

24 PORT CAT6 UTP Elite Patch Panel or High Density 24 CAT6 Ports In 1u Of Space Part Number: 009-001-009-07 – dependent on number of ports in the building

ROUTER AND ACCESS POINTS

- Draytek Vigor 2865 series
- UAP-NANOHD

FIRE STOPPING

Appropriate fire stopping required when pipes pass-through fire-resistant walls or ceiling structures

CATERING EQUIPMENT POWER REQUIREMENTS

CATERING EQUIPMENT							
ITEM NO	DESCRIPTION	PHASE	VOLTS	AMPS	HEIGHT(MM)	SOCKET TYPE	NOTES
1	1 DOOR U/C FRIDGE	1 N+E	230V	13A	600MM	1 OFF 13A SWITCHED S/O	-
2	COFFEE GRINDER	1 N+E	240V	13A	600MM	1 OFF 13A SWITCHED S/O	-
3	COFFEE MACHINE	1 N+E	240V	20A	600MM	1 OFF CONNECTION PLATE	SINGLE PHASE 20 A ISOLATOR REQUIRED
4	STEAM WANDS	1 N+E	240V	32A	600MM	1 OFF CONNECTION PLATE EACH	SINGLE PHASE 32 A ISOLATOR REQUIRED
5	DISHWASHER	1 N+E	240V	20A	600MM	1 OFF CONNECTION PLATE	SINGLE PHASE 20 A ISOLATOR REQUIRED
6	SOFTENER (DISHWASHER)	1 N+E	240V	13A	600MM	1 OFF 13A SWITCHED S/O	
7	ICE MACHINE	1 N+E	240V	13A	600MM	1 OFF 13A SWITCHED S/O	
8	ICE MACHINE DRAIN PUMP	1 N+E	240V	13A	600MM	1 OFF 13A SWITCHED S/O	
9	BAIN MARIE	1 N+E	230V	2.70	600MM	1 OFF CONNECTION PLATE	
10	DRINK MIXER	1 N+E	230V	0.90	600MM	1 OFF 13A SWITCHED S/O	
11	REFRIGERATOR UPRIGHT	1 N+E	230V		1800MM	1 OFF 13A SWITCHED S/O	
12	FREEZER UPRIGHT	1 N+E	230V		1800MM	1 OFF 13A SWITCHED S/O	
13	DECORATIVE FLY KILLER	1 N+E	230V		2300MM	1 OFF 13A SWITCHED S/O	
14	FLY KILLER	1 N+E	230V		2200MM	1 OFF 13A SWITCHED S/O	
15	ICE CREAM MACHINE	3 N+E	415V	16A	600MM	1 16A RED COMMANDO 400V,3PN+E	
16	2 DOOR REFRIG COUNTER	1 N+E	230V		600MM	1 OFF 13A SWITCHED S/O	

PLUMBING



COLD WATER SERVICE (COLOUR VARIES NOTE LINETYPE)



HOT WATER SERVICE



DRAINAGE

Sanitaryware specification

Staff basin: RAK series 600 52cm basin 1 tap hole c/w half pedestal

Cruze mono basin tap

Staff pan: RAK resort wall hung rimless pan inc dual flush concealed wc cistern with flush

Customer basin: Ideal Standard Contour 21 single taphole rear outlet tbc

Customer basin tap: Ideal Standard Sensorflow 21 compact washbasin spout with integral sensor for main water

Customer pan: Ideal Standard Contour 21 wall hung horizontal outlet c/w Conceala 6L cistern

Customer wc seat: Contour 21 S4066 seat std no cover white

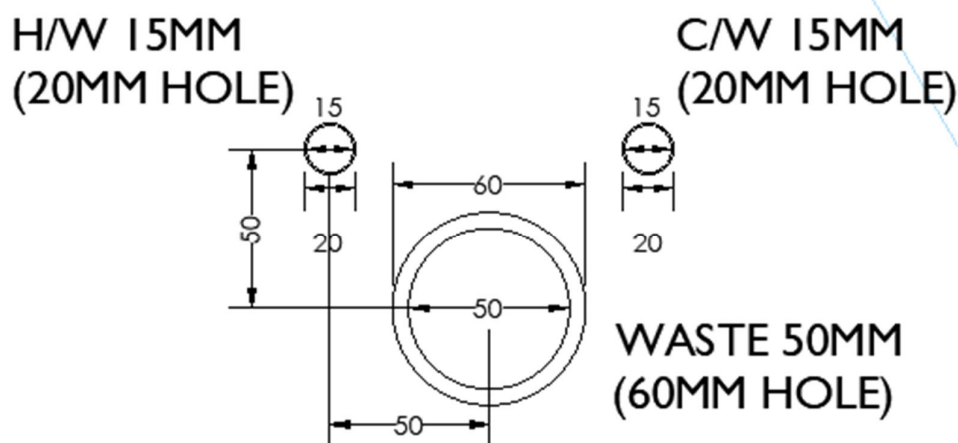
Grab rails: ironmongery direct 966131 Nymas low level Doc M pack

Hinged support grab rail: Ironmongery direct 488292 Nymas hinged support grab rail

Alarm: Timeguard Eassszk emergency assist alarm system kit (s/s) finish - single zone

PIPWORK SPECIFICATION

- Generally main runs are to be in 22mm copper with 15mm T's
- All pipework to be copper throughout and jointed with Mapress fittings
- Copper pipework can come through the wall at 450mm AFFL and then needs to be returned horizontally and clipped for 200mm before terminating in valves
- In a situation with hot and cold supply the pipes should be separated vertically by 50mm
- All valves to have a school board clip 50mm below valve
- All copper pipes should run alongside waste not above
- Any pipework coming through walls should be separated by 50mm. Two pipes in 1 hole is not acceptable
- Under sink pipework should be as below - drainage in centre with hot and cold water pipes off to each side



DRAINAGE SPECIFICATION

- Generally, all waste pipes to be run in 50mm solvent weld or 100mm then T'd off to suit equipment or sanitary equipment
- All equipment to have anti-vac traps or air admittance valves due to length of runs
- All traps to be Mc Alpine
- All waste pipes and fittings to be Mc Alpine
- Standpipe traps should be 200mm AFFL

FIRE STOPPING

Appropriate fire stopping required when pipes pass-through fire-resistant walls or ceiling structures

CORE DRILLING SIZES

Cold Water Pipes = 87mm

Hot Water Pipes = 87mm

50mm Waste = 62mm

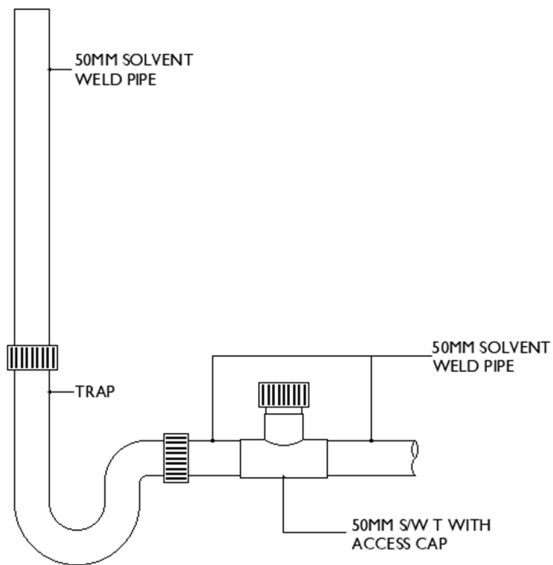
110mm Waste = 127mm

NOTE: ALL PIPE RUNS ARE SHOWN SCHEMATICALLY ONLY. ACTUAL PIPE RUNS TO BE AGREED ON SITE BEFORE INSTALLATION BEGINS

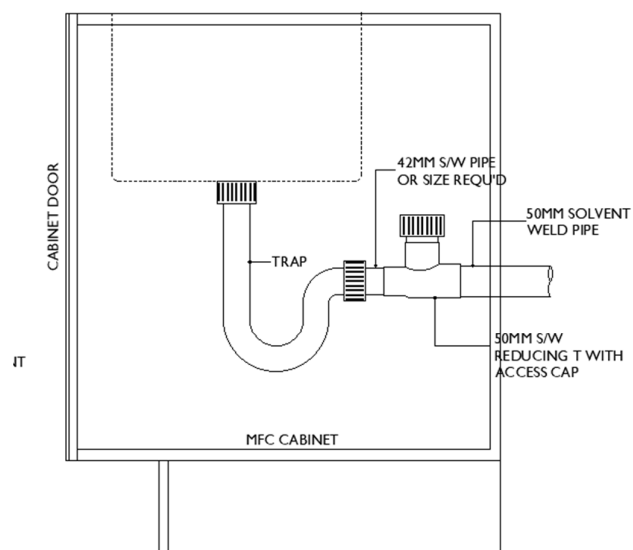
CATERING EQUIPMENT H & C WATER AND DRAINAGE REQUIREMENTS

CATERING EQUIPMENT								WATER CONNECTION
ITEM NO	DESCRIPTION	WASTE	WASTE TYPE	HEIGHT(MM)	HOT	COLD	HEIGHT(MM)	
1	SINK UNIT	42MM	PLUMBED IN	450MM				
2	PRE RINSE SPRAY TAP				15MM	15MM	450MM	ISOLATION VALVES X 2
3	HAND WASH BASIN	32MM	PLUMBED IN	450MM				
4	BASIN TAP				15MM	15MM	450MM	ISOLATION VALVES X 2
5	ECO35 ICE MAKER	42MM	STAND PIPE	200MM		15MM	450MM	APPLIANCE VALVE
6	WATER FILTER (X VEND 01					15MM	450MM	APPLIANCE VALVE X 2
7	CONDENSATE DRAIN PUMP	42MM	PLUMBED IN	450MM				
8	HSP5 DISHWASHER	42MM	STAND PIPE	200MM		15MM	450MM	APPLIANCE VALVE
9	AUTO WATER SOFTENER					15MM	450MM	APPLIANCE VALVE X 2
10	STEAMER UNIT					15MM	450MM	APPLIANCE VALVE
11	WATER TREAT UNIT DSU18					15MM	450MM	APPLIANCE VALVE X 2
12	COFFEE MACHINE	42MM	STAND PIPE	200MM		15MM	450MM	APPLIANCE VALVE
13	ICE CREAM MACHINE	42MM	STAND PIPE	200MM	15MM	15MM	450MM	APPLIANCE VALVE
14	STAFF SINK	42MM	PLUMBED IN	450MM				
15	STAFF SINK MIXER TAP				15MM	15MM	450MM	ISOLATION VALVES X 2
16	CLEANERS SINK	42MM	PLUMBED IN	450MM				
17	CLEANERS SINK BIB TAPS				15MM	15MM	450MM	ISOLATION VALVES X 2
18	STAFF WC WHB	32MM	PLUMBED IN	450MM				
19	STAFF WC WHB MIXER				15MM	15MM	450MM	ISOLATION VALVES X 2
20	STAFF WC PAN	100MM	PLUMBED IN	TO SUIT PAN		15MM	450MM	ISOLATION VALVE
21	CUSTOMER WC WHB	32MM	PLUMBED IN	450MM				
22	CUSTOMER WC WHB MIXER				15MM	15MM	450MM	ISOLATION VALVES X 2
23	CUSTOMER WC PAN	100MM	PLUMBED IN	TO SUIT PAN		15MM	450MM	ISOLATION VALVE

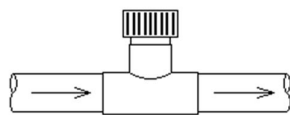
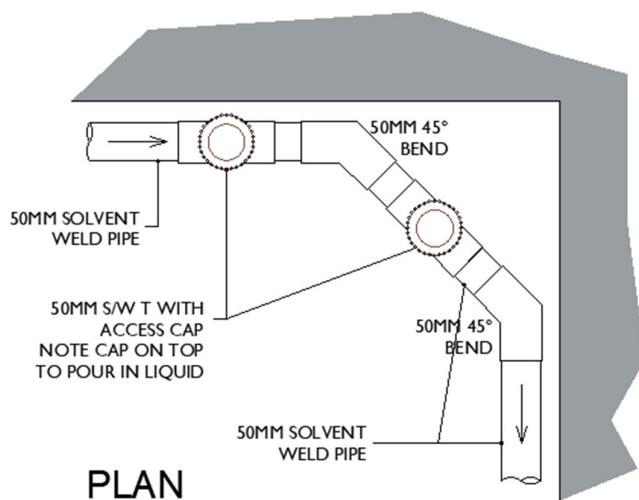
Drainage details



1. STAND PIPES



2. SINK TRAPS



ELEVATION

3. CORNERS (HORIZONTAL PIPE RUN)

