



**ELECTRICAL SERVICE POINTS**

REF	SERVICES REQUIRED
E1	10 AMP PLUG POINT 600mm A.F.F.L.
E2	10 AMP PLUG POINT 1000mm A.F.F.L.
E3	10 AMP PLUG POINT 300mm A.F.F.L.
E4	4kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E5	5,2kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E6	6,2kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E7	7,2kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E8	6,6kW 3PH 4 N CONNECTION 600mm A.F.F.L.
E9	9kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E10	10kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E11	10,5kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E12	7,2kW 380V 3PH 4 N CONNECTION 400mm A.F.F.L.
E13	6,6kW 380V 3PH 4 N CONNECTION 400mm A.F.F.L.
E14	4,4kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E15	15kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E16	16kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E17	18kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E18	30kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E19	19,6kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E20	220V 10 AMP CONNECTION & CEILING FOR INSECT KILLERS
E21	6,6kW 3PH 4 N CONNECTION 300mm A.F.F.L.
E22	ALLOW CLEAR LINE FOR COMPUTER TERMINAL
E23	DATA POINT
E24	TELEPHONE POINT
E25	4kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E26	ALLOW 3kW 220V 5PH CONN IN BULKHEAD FOR LIGHTING
E27	9kW 380V 3PH 4 N CONNECTION 1900mm A.F.F.L.
E28	28kW 3PH 4 N CONNECTION 1370mm A.F.F.L.
E29	1,2kW 3PH 4 N CONNECTION 600mm A.F.F.L.
E30	36,2kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E31	3kW 220V FIXED CONNECTION 1900mm A.F.F.L.
E32	32kW 380V 3PH 4 N CONNECTION 300mm A.F.F.L.
E33	10 AMP SOCKET 1900mm A.F.F.L.
E34	10 AMP PLUG POINT 1900mm A.F.F.L.
E35	20 AMP PLUG POINT 1900mm A.F.F.L.

NOTES:-  
SERVICES INDICATED ABOVE, BUT NOT SHOWN ON THIS DRAWING, ARE NOT REQUIRED.  
ELECTRICAL POINTS FOR ALL REMOTE REACH-IN AND UNDERBAR REFRIGERATORS, TO BE ALLOWED FOR BY THE ELECTRICAL CONSULTANT, AT THE COMPRESSOR POSITION.  
COMPRESSOR POSITIONS TO BE FIXED BY THE MECHANICAL ENGINEER CONSULTANT.  
ISOLATORS POSITIONED BY ELECTRICAL CONSULTANT.  
ELECTRICIAN MUST NOT LOOP PLUG CIRCUITS AS MOST ITEMS REQUIRE 3WIR LOADING.  
ELECTRICAL POINTS SHOWN ARE POINTS OF ENTRY INTO EQUIPMENT.  
ELECTRICIAN TO POSITION ISOLATORS ACCORDING TO BY-LAWS.

**PLUMBING SERVICE POINTS**

REF	SERVICES REQUIRED
P1	20mm HOT & COLD WATER TAPS 1900mm A.F.F.L.
P2	100mm WASTE IN FLOOR CHANNEL FITTED WITH DOUBLE GRID
P3	20mm COLD WATER CONNECTION COMPLETE WITH 6TAP COOK FROM ABOVE
P4	20mm COLD WATER CONNECTION COMPLETE WITH 6TAP COOK FROM ABOVE
P5	40mm STANDING WASTE CONNECTION & TRAP 1000mm A.F.F.L.
P6	40mm WASTE CONNECTION 1000mm A.F.F.L.
P7	15mm COLD WATER CONNECTION 100mm A.F.F.L. COMPLETE WITH 6TAP COOK 1200mm A.F.F.L.
P8	50mm WASTE CONNECTION 400mm A.F.F.L.
P9	15mm COLD WATER CONNECTION COMPLETE WITH 8B COOK 1200mm A.F.F.L.
P10	20mm WASTE CONNECTION 1200mm A.F.F.L.
P11	25mm HOT WATER CONNECTION COMPLETE WITH 6TAP COOK 100mm A.F.F.L. MIN PRESSURE 2 BAR
P12	15mm HOT & COLD WATER CONNECTION 500mm A.F.F.L. & 40mm WASTE CONNECTION 450mm A.F.F.L. & TRAP
P13	40mm WASTE CONNECTION & TRAP 450mm A.F.F.L.
P14	15mm COLD WATER CONNECTION 500mm A.F.F.L. & 40mm WASTE CONNECTION C/N TRAP 450mm A.F.F.L.
P15	50mm WASTE CONNECTION 100mm A.F.F.L.
P16	20mm COLD WATER CONNECTION COMPLETE WITH 6TAP COOK 100mm A.F.F.L. MIN PRESSURE 1,5 BAR
P17	100MM DRAIN & TRAP IN FLOOR WITH CAST IRON GRID 750mm X 300mm
P18	15mm COLD WATER CONNECTION 100mm A.F.F.L. FROM COOLING TOWER
P19	15mm HOT & COLD WATER CONNECTION 450mm A.F.F.L. & 40mm WASTE CONNECTION & 300mm A.F.F.L.
P20	15mm COLD WATER CONNECTION COMPLETE WITH 6TAP COOK 300mm A.F.F.L.
P21	20mm HOT & COLD WATER CONNECTION COMPLETE WITH 6TAP COOK 300mm A.F.F.L.
P22	40mm STANDING WASTE CONNECTION 100mm A.F.F.L.
P23	15mm COLD WATER CONNECTION COMPLETE WITH 8B COOK 1200mm A.F.F.L.
P24	40MM FLOOR DRAIN & TRAP WITH CAST IRON GRID
P25	20mm HOT & COLD WATER TAPS 1900mm A.F.F.L. WITH 40mm WASTE 300mm A.F.F.L.
P26	20mm HOT & COLD WATER CONN. 400mm A.F.F.L. WITH 40mm WASTE 300mm A.F.F.L. MIN PRESSURE TO BE FOR 17.5kg/cm² (1/4"/280mm H <sub>2</sub> O)

NOTES:-  
SERVICES INDICATED ABOVE, BUT NOT SHOWN ON THIS DRAWING, ARE NOT REQUIRED.  
PROVIDE A DRAINAGE POINT FOR CONDENSATION FROM COLDOORNS AND FREEZER ROOMS, TO CONSULTANT'S SPECIFICATIONS.

**GAS SERVICE POINTS**

REF	SERVICES REQUIRED
G1	MAIN GAS CONNECTION & 190mm A.F.F.L. TOTAL RATING 40,000 kJ/H
G2	MAIN GAS CONNECTION & 190mm A.F.F.L. TOTAL RATING 60,000 kJ/H
G3	MAIN GAS CONNECTION & 190mm A.F.F.L. TOTAL RATING 80,000 kJ/H
G4	MAIN GAS CONNECTION & 190mm A.F.F.L. TOTAL RATING 100,000 kJ/H
G5	MAIN GAS CONNECTION & 190mm A.F.F.L. TOTAL RATING 120,000 kJ/H
G6	MAIN GAS CONNECTION & 190mm A.F.F.L. TOTAL RATING 160,000 kJ/H
G7	MAIN GAS CONNECTION & 190mm A.F.F.L. TOTAL RATING 200,000 kJ/H

GAS CONTRACTOR TO SUPPLY GAS REGULATORS, SAFETY AND SHUT-OFF VALVES. MIN GAS PRESSURE TO BE FOR 17.5kg/cm² (1/4"/280mm H<sub>2</sub>O).

**COMBI STEAMER DETAILS**

- 12mm Cold water pressure hose with 20mm coupling.
- Hose to be connected to stopcock.
- In-line filter to be fitted.
- 30mm Drain pipe (not hose pipe) to be straight (no bends) and positioned over centre of draining funnel.
- Waste water temp. 60 deg.C (approx.)
- Water consumption at 3 Bar averages 0,7 l/min
- Fitter 1000mm of waste pipe to be copper

**GENERAL NOTES:**

- VULCAN TO POSITION EQUIPMENT AND IS NOT RESPONSIBLE FOR ANY ELECTRICAL, PLUMBING OR GAS CONNECTIONS.
- ALLOW MINIMUM 1200MM WIDE DOOR ACCESS FROM OUTSIDE FOR EQUIPMENT AND OTHER DOORS TO BE 900MM MIN CLEAR.
- ALL WORK TO BE CARRIED OUT IN STRICT ACCORDANCE WITH LOCAL AUTHORITIES' REQUIREMENTS BY LAWS, NATIONAL BUILDING REGULATIONS, AND RELEVANT E.A.B.S. OR OTHER STANDARDS.
- ALL DIMENSIONS SHOWN ARE FROM FINISHED LEVELS.
- NO DIMENSIONS ARE TO BE SCALED. SEE FIGURE DIMENSIONS.
- 20MM HOT AND COLD WATER TO ALL 60MM 1900MM APR. 10MM WASTE FROM ALL SINKS.
- NO WASTE FITTINGS OR PLUGS ARE SUPPLIED AS OUR STANDARD PRACTICE.
- ANY QUERIES OR DISCREPANCIES IN DIMENSIONS OR DETAILS ARE TO BE REPORTED TO VULCAN CATERING EQUIPMENT (PTY) LTD FOR CLARIFICATION.
- 15AMP TO EACH PLUG 1900MM APR. SHOWN - ALLOW A SEPARATE CIRCUIT BREAKER TO EACH PLUG.
- ALL 400V POINTS TO BE 3-PHASE PLUS NEUTRAL WITH EARTH.
- ISOLATORS AND STARTERS SUPPLIED AND POSITIONED BY ELECTRICAL CONTRACTOR.
- ELECTRICAL SERVICE POINTS SHOWN ARE POINT OF CONNECTION AND NOT POINTS OF ISOLATORS OR STARTERS.
- GAS REGULATORS SUPPLIED AND FITTED BY GAS CONTRACTOR.
- ALL UNITS 190MM HIGH TO WORK SURFACE.
- THE MINIMUM RECOMMENDED SILL HEIGHT SHOULD BE 1500MM A.F.F.L.
- SPLASHBACKS TO BE 190MM HIGH WHERE SHOWN.
- ALL SERVICE POINTS SHOWN ARE RECOMMENDED POINT OF CONNECTION.
- WASTE DISPOSAL UNITS  
- WASTE DISPOSAL UNIT TO BY-PASS GREASE TRAP AND TO GO DIRECTLY INTO MUNICIPAL DRAIN
- COLDOORNS & FREEZER  
- ALLOW ELECTRICAL CONNECTIONS AS SPECIFIED.  
- PROVIDE A SUITABLE WELL VENTILATED REMOTE AREA FOR COMPRESSOR UNITS. COMPRESSOR HOUSING TO BE NATURALLY OR MECHANICALLY VENTILATED OR ENSURE AMBIENT TEMPERATURE NOT EXCEEDING 32 DEGREE C.  
- COMPRESSOR HEAT OUTPUT .....BTU/HR.  
- ALLOW 100MM SLEEVES FOR GAS PIPES THROUGH WALLS.  
- ALLOW FOR ELECTRICAL CONNECTION AS SPECIFIED, TO CENTRAL DISTRIBUTION BOARD.  
- VULCAN TO WIRE BETWEEN DISTRIBUTION BOARD AND COLD ROOMS.
- EXTRACTION CANOPY  
- ALLOW 3PH 400V CONNECTION IN ROOF AND STARTER IN KITCHEN.  
- STARTER AND BULKHEAD LIGHTS TO BE PROVIDED BY ELECTRICIAN.  
- BUILDER TO SEAL DUCTING THROUGH CEILING, ROOF AND WALLS, AND TO SUPPLY AND INSTALL ALL FLASHINGS.
- NOTES:-  
IN THE EVENT THAT THIS DESIGN / DRAWING IS REPRODUCED OR USED IN ANY FORMAT WITHOUT OUR PRIOR KNOWLEDGE AND WRITTEN APPROVAL, WE WILL ASSUME THAT WE ARE COMMISSIONED TO PROVIDE A COMPLETE KITCHEN DESIGN AND SERVICE LAYOUT. THE PARTIES CONCERNED ARE THEREBY ACCEPTING THE LIABILITY TO PAY FOR THE SERVICE PROVIDED. SHOULD WE BE PAID WITH YOUR ORDER TO MANUFACTURE AND SUPPLY THE EQUIPMENT, THE SERVICE MAY WITH MUTUAL AGREEMENT BE PROVIDED FREE OF CHARGE. THIS DESIGN AND DRAWING IS THE SOLE PROPERTY OF VULCAN CATERING EQUIPMENT (PTY) LTD AND MAY NOT BE COPIED IN PART OR WHOLE. COPYRIGHT RESERVED.

**TYPICAL VIEW OF SINK UNITS**

**LEGEND**

- △ SINGLE PHASE CONNECTION
- ⊕ TWO PHASE CONNECTION
- ⊕ THREE PHASE CONNECTION
- ◆ GAS CONNECTION
- ▲ HOT WATER CONNECTION
- ◆ COLD WATER CONNECTION
- +

**EQUIPMENT SCHEDULE**

ITEM	QTY	DIMENSIONS	DESCRIPTION
1.	1	1850x650	S/S DOUBLE BOWL PREP SINK SBR
2.	1	1950x300	EXISTING S/S SINGLE TIER WALL SHELVING
3.	1	1840x650	EXISTING S/S TABLE SBR WITH GALV UNDERSHELF
4.	1	1780x650	2.5 DOOR PIZZA BACK U/BAR FRIDGE SBR
5.	1	520x406	WALL MOUNTED MICROWAVE OVEN
6.	1	330x335	9 SLICE TOASTER
7.	2	800x300	EXISTING S/S SINGLE TIER WALL SHELVING
8.	1	1680x750	EXISTING S/S TABLE WITH GALV UNDERSHELF
9.	1	1840x650	EXISTING S/S TABLE SBR WITH GALV UNDERSHELF - NEEDS NEW UNDERSHELF
10.	1	1040x300	EXISTING S/S 3 TIER COLD PASS - MOUNTED ON ITEM #9
11.	2	1780x650	2.5 DOOR U/BAR FRIDGE SBR
12.	1	700x300	EXISTING S/S SINGLE TIER WALL SHELVING
13.	1		EXISTING S/S WASH HAND BASIN
14.	1	1800x650	EXISTING S/S DOUBLE BOWL POT SINK SBR
15.	1	1800x400	S/S 2 TIER WALL MOUNTED POT RACK
16.	1	1840x650	S/S TABLE SBR WITH GALV UNDERSHELF
17.	1	2300x300	EXISTING S/S SINGLE TIER WALL SHELVING
18.	1	1400x650	EXISTING S/S TABLE WITH GALV UNDERSHELF - SPLASHBACK TO BE ADDED
19.	1	900x650	EXISTING S/S SINGLE BOWL POT SINK SBR
20.	1	2300x300	EXISTING S/S SINGLE TIER WALL SHELVING
21.	1	1780x650	2.5 DOOR U/BAR FRIDGE SBR

ITEM	QTY	DIMENSIONS	DESCRIPTION
22.	1	650x650	S/S TABLE SBR-L WITH GALV UNDERSHELF
23.	2		SINGLE DOOR UPRIGHT FREEZER
24.	3	1150x500	S/S 4 TIER ECONO SHELVING
25.	1		SEE PLAN EXISTING GALV EXTRACTION CANOPY BY SPECIALIST
26.	1	1030x815	EXISTING 6 BURNER BOILING TABLE - TO BE SERVICED
27.	1	650x650	S/S TABLE SBR WITH GALV UNDERSHELF
28.	1	847x771	SCC61 6 PAN SELF COOKING CENTRE ON STAND COMES WITH WATER FILTER
29.	1	915x735	FT6-10 FLAT TOP GRILL
30.	1	895x420	SG-1 ELECTRIC SALAMANDER - MOUNTED ON ITEM #29
31.	1	790x710	6 BURNER CHAR GRILL
32.	1	510x600	DPF 2/10 DOUBLE 10 LITRE DEEP FRYER
33.	2	700x300	EXISTING S/S SINGLE TIER WALL SHELVING
34.	1	1785x750	S/S HOT CLOSET
35.	1	1900x300	S/S 3 TIER HOT PASS - MOUNTED ON ITEM #34
36.	1	1100x750	EXISTING S/S TABLE WITH GALV UNDERSHELF
37.	1	1040x300	EXISTING S/S 3 TIER HOT PASS - MOUNTED ON ITEM #36
38.	1	585x585	S/S DISH RACK TROLLEY TO TAKE 5 BASKETS
39.	1	2570x620	S/S DISHWASH STATION
40.	1	600x600	RF321 REDLINE FRONTLOADING DISHWASHER COMES WITH WATER FILTER
41.	1		OVERHEAD SPRAY UNIT
42.	1	600x785	MV306 ICE MACHINE ON BIN WITH WATER FILTER

**GLencairn HOTEL**

**PROPOSED KITCHEN LAYOUT**

**CONTRACTOR**

DESIGN STAGE	TRADE	TYPE OF DOCUMENT
DESIGN	KITCHEN	DRAWING

**Vulcan** VULCAN CATERING EQUIPMENT (PTY) LTD

FOOD SERVICE EQUIPMENT AND DESIGN

CAPE TOWN BRANCH  
31 PADREEN ELAND ROAD  
FRANCOEN ELAND

7495  
PO BOX 2858  
CAPE TOWN 8000

Reg No: 19754/002040/07

TEL: (021)510-5010  
FAX: (021)510-3780  
e-mail: ctd@vulcan.co.za  
www.vulcan.co.za

**VULCAN CATERING EQUIPMENT (PTY) Ltd**

**PROUDLY BIDVEST**

**SCALE: 1:10**

DATE DRAWN	DATE PRINTED	TYPE EQUIPMENT
27 Oct 2014	27 Oct 2014	

DATE: 27 Oct 2014 DATE: 27 Oct 2014

PROJECT NAME: DRAWN: JB

CLIENT NAME: CHECKED: BK

CLIENT SIGNATURE: VC DRAWING No. REL

VC-1545-1-1 A

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