



REMOTE REFRIGERATION EQUIPMENT			
SYSTEM	NUMBER OF CABINETS / EVAPORATORS	PACK TYPE	CONDENSER TYPE
COLDROOM	2# FRIGA BOHN NOVA COOLERS	RDM DUAL SYSTEM	2# MARSTAR MRC +LT CONDENSING UNITS
BACK UP	2# RIVACOLD BYWT 352 THRU THE WALL PODS		
HTI	1# 2.500 ROLL IN MILK CHILDER 2# 2.500 OPEN FRONT CABINET 1# 2.500 CLOSED FRONT CABINET 5# 3.750 CLOSED FRONT CABINET	HT45 SCROLL PACK	1# FRIGA BOHN DUO 57 CONDENSING UNIT WITH PLATE WATER HEAT EXCHANGER CONNECTED TO CASES ON SALES FLOOR.
☒ STAINLESS STEEL CONDENSATE PUMPS - 6 REQUIRED FOR CHILLED CASES			
SAFE ACCESS & EDGE PROTECTION EQUIPMENT IS TO BE PROVIDED BY THE SHOPFITTER AROUND THE PERIMETER OF THE FREEZER COLDSTORE & TO THE FRONT EDGE OF THE REMOTE CHILLED CASES ON THE SHOP FLOOR, THE PROTECTION IS TO REMAIN IN PLACE UNTIL			

REF	SIZE	DESCRIPTION	VOLUME M ³ S	FINISH	OFF
1	529x259	DL/VCE SUPPLY GRILLE	0.4	ALUM	16
2	200SQ	NEW EGG CRATE GRILLE + OBD	0.033	COM WHITE	5
3	400SQ	WEATHER LOUVRE WITH MESH	N/A	ALUM	1
4	600SQ	WEATHER LOUVRE WITH MESH	N/A	ALUM	1
5	600SQ	EGG CRATE GRILLES	N/A	COM WHITE	2



MAIN ELECTRICIAN ASSOCIATED WORKS				
ELECTRICAL REQUIREMENTS FOR REMOTE REFRIGERATION.				
FREEZER COLD ROOM				
ME1- 1# 32AMP 3PH SUPPLY, TERMINATED INTO THE RDM CONTROL PANEL				
BACK UP CHILLER				
ME2- 2X 32AMP 1PH SUPPLIES, TERMINATED INTO A 32 AMP ROTARY ISOLATOR IN THE POSITION OF THE PODS.				
REMOTE CHILLED SYSTEMS				
ME8- 1X 40 AMP 3PH TYPE C MCB FRIGA BOHN.				
ME9- 1X 25 AMP 1PH TYPE B MCB HT SUB BOARD				
ME8- 3X 16 AMP 1PH TYPE B MCB'S SERVICE SOCKETS				
ME7- 5 X 16 AMP 1PH SUPPLIES, FEEDING 6# STAINLESS STEEL CONDENSATE PUMPS UNDER THE CASES.				
ADMIN OFFICE				
ME8- 1 X 6 AMP 1PH SUPPLY, TERMINATED INTO A FUSED SPUR TO SUPPLY THE RDM DATA MANAGER.				
ELECTRICAL REQUIREMENTS FOR REMOTE AC.				
ME9- PROVIDE 1PH & N SUPPLY FOR OFFICE AC UNIT CONDENSE PUMP.				
ME10- PROVIDE 1PH POWER SUPPLY FOR NEW SANTON WATER HEATER LOCATED IN CLEANERS				
ME11- ALL CONTACTORS FOR LIGHTS TO BE LABELED & INSTALLED LOCAL TO AC PANEL IN BACK AREA.				
ME12- PROVIDE NEW 16AMP 1PH SUPPLY C/W LOCAL ISOLATOR FOR NEW MITSUBISHI CONDENSER FOR OFFICE.				
ME13- PROVIDE NEW SOCKET & LIGHT IN PLANT COMPOUND FOR MAINTENANCE				
ME14- PROVIDE NEW 120AMP 3PH & N SUPPLY TO NEW AC PANEL LOCATED IN PLANT ROOM.				
ME15- SUPPLY & INSTALL DIMPLEX HEATERS AS PER PANEL HEATER SCHEDULE. ALL HEATERS TO BE WIRED THRO TRAMPER PROOF STAT'S WIRED BACK TO AC PANEL.				
ME16- PROVIDE & INSTALL 2# CAT 6 CABLES FROM OFFICE TO NEW AC PANEL FOR MELCO RETAIL. 1# CABLE TO BE LEFT AS SPARE				
ME17- PROVIDE 1PH SUPPLY FOR NEW DOOR HEATER PUMP.				
BUILDERS WORK				
BW1- PROVIDE GALV FLOW FERRIE CAGE AS PER DESIGN COMPLETE WITH ARMCO BARRIER FOR NEW EXTERNAL PLANT & BIN STORE.				
BW2- 800X250 WEATHERPROOF OPENING IN CLADDING FOR NEW SERVICES.				
BW3- PROVIDE NEW 400SQ OPENING IN SIDE CLADDING FOR NEW EXTRACT LOUVER.				
BW4- PROVIDE INTERNAL OPENINGS FOR SERVICES WHERE REQUIRED.				
BW5- PROVIDE & INSTALL KEY CLAMP AROUND AC PANEL & NEW WATER TANK.				
BW6- PROVIDE NEW 600SQ OPENING IN REAR CLADDING FOR NEW EXTRACT LOUVER.				
BW7- SUPPLY & INSTALL 40 LTR SANTON WATER HEATER IN CLEANERS TO SERVE AMENITIES AREA.				
HEAT LOADS				
COOLING DUTY REQUIRED 65KW'S SENSIBLE PROPOSED COOLING DUTY 73KW'S SENSIBLE				
CLIENT				
ICELAND FROZEN FOODS PLC				
PROJECT				
ICELAND FROZEN FOODS FOOD WAREHOUSE UNIT E DOWLAS TOP R/P MERTHYR TYDFIL CF482TA				
TITLE				
FOOD WAREHOUSE AC & REFRIGERATION DESIGN DRAWING				
				
DRAWN	SITE SURVEY BY	REV	DRG.No.	'C' NUMBER
PHP	PHP		B2689	
DATE			SCALE	
15/12/25			1.75	