

MAIN ELECTRICIAN WORK FOR H&V EQUIPMENT

ME1 TO PROVIDE 1# 6AMP SINGLE PHASE SUPPLY FOR OFFICE A/C UNIT CONDENSE PUMP & CONNECT PUMP.

ME2 TO PROVIDE SINGLE PHASE + N SUPPLY TO SANTON WATER HEATER LOCATED IN CLEANERS.

ME3 TO PROVIDE 125AMP 3PHASE & N SUPPLY TO NEW A/C CONTROL PANEL.

ME4 TO PROVIDE SINGLE PHASE SUPPLY FOR CONDENSE PUMPS ON DUCTED FAN COILS & CONNECT PUMPS.

ME5 ALL CONTACTORS FOR LIGHT TO BE LABELED & INSTALLED LOCAL TO AC PANEL.

ME6 TO SUPPLY & INSTALL DIMPLEX HEATERS AS PER PANEL HEATER SCHEDULE. ALL HEATER'S TO BE WIRED THRO TAMPER PROOF STAT'S & WIRED BACK TO AC PANEL.

ME7 TO PROVIDE & INSTALL 2# CAT6 ETHERNET CABLES TO NEW AC PANEL IN DRYGOODS.

ME8 TO PROVIDE & INSTALL LIGHTS AND SERVICE SOCKETS WITH PLANT AREA

MAIN ELECTRICIAN WORK FOR REFRIGERATION

FREEZER COLD STORE

ME9 TO PROVIDE 1# 3PHASE 32AMP SUPPLY. TERMINATED INTO THE ZF18 SCROLL CABINET.

BACK UP CHILLER

ME10 TO PROVIDE 2# SINGLE PHASE 20AMP SUPPLIES, TERMINATED INTO THE METAL CLAD CONTROL PANELS

REMOTE FROZEN ELECTRICS

ME11 TO INSTALL 1# NEW ELECTRIC D.B BOARD IN PLANT AREA WITH 24 WAYS WITH THE FOLLOWING MCB'S FITTED.

ME12 TO PROVIDE 2# 3PHASE 40AMP TYPE C MCB'S FOR HT PACK SUPPLIES.

ME13 TO PROVIDE 1# SINGLE PHASE 25AMP TYPE B MCB FOR HT SUB BOARD.

ME14 TO PROVIDE 1# SINGLE PHASE 16AMP TYPE B MCB FOR SERVICE SOCKET.

ME15 TO PROVIDE 3# SINGLE PHASE 16AMP SUPPLIES TERMINATED INTO SWITCHED FUSE SPURS, WITH 6AMP FUSE FITTED CONNECTED 6# CONDENSATE PUMPS.

ADMIN OFFICE

ME16 TO PROVIDE 6AMP SINGLE PHASE SUPPLY. TERMINATED INTO SWITCHED FUSED SPUR FOR RDM DATA MANAGER IN ADMIN OFFICE.

REFRIGERATION INSTALL CONTRACTOR TO SUPPLY THE FOLLOWING RCBO'S

TO SUPPLY 9# SINGLE PHASE 6AMP RCBO FOR BOND CASE SUPPLIES.

TO SUPPLY 2# 10AMP SINGLE PHASE RCBO FOR RDM SERVICES

TO SUPPLY 1# SINGLE PHASE 16AMP RCBO FOR SERVICES SOCKET.

BUILDERS WORK

BW1 TO PROVIDE 1# 450X150 OPENING IN INTERNAL WALL FOR NEW FRIG LINES.

BW2 TO PROVIDE KEYCLAMP BARRIER WITH REMOVABLE SECTIONS AROUND ELECTRICAL PANEL.

BW3 TO KEYCLAMP BARRIER WITH REMOVABLE SECTIONS AROUND CHILLER PACK AREA.

BW4 TO PROVIDE KEYCLAMP BARRIER WITH REMOVABLE SECTIONS AROUND A/C PANEL.

BW5 TO USE EXPANDED FIRE FOAM TO FIRE SEAL ALL OPENINGS WHERE REQUIRED.

DEVELOPER WORK

DW1 TO PROVIDE 1# 400X150 TIMBER OPENING IN EXTERNAL CLADDING FOR WEATHER LOUVER AND MAKE GOOD.

DW2 TO PROVIDE 2# 800X150 OPENING IN EXTERNAL WALL FOR FRIG LINES.

DW3 TO PROVIDE 2# GULLY DRAIN FOR A/C CONDENSE.

DW4 TO PROVIDE & INSTALL 1225XLONG X 2700WIDE X 2700HIGH FLOW FORGE CAGE WITH 1# DOUBLE ACCESS DOOR & 1# SINGLE ACCESS DOOR

PANEL HEATER SCHEDULE

REF	TYPE	MODEL	DUTY	LOCATION	EXTRACT
H1	DIMPEX	PLX300E	3.0KW	STAFFROOM	YES
H2	DIMPEX	PLX125E	1.25KW	UNISEX/DIS	YES
H3	DIMPEX	PLX125E	1.25KW	UNISEX	YES
H4	DIMPEX	1360W	0.36KW	CLOAKS	YES

ALL HEATERS TO SUPPLIED & FITTED BY MAIN ELECTRICIAN AND TO BE WIRED BACK TO A/C PANEL (ME8)

GRILLE SCHEDULE

REF	SIZE	TYPE	MATERIAL	QTY
1	525X259	DL/VCE SUPPLY GRILLE	ALUMINIUM	16
A1	150SQ	EGG CRATE GRILLE + O.B.D	COMM WHITE	6
A2	200SQ	EGG CRATE GRILLE + O.B.D	COMM WHITE	1
A3	400SQ	LOUVER	ALUMINIUM	1

SITE ADDRESS
UNIT 1
OXFORD SHOPPING PARK
OXFORD
OX4 6XJ

2021 NEW FOOD WAREHOUSE A/C & REFRIGERATION AS DESIGN DRAWING

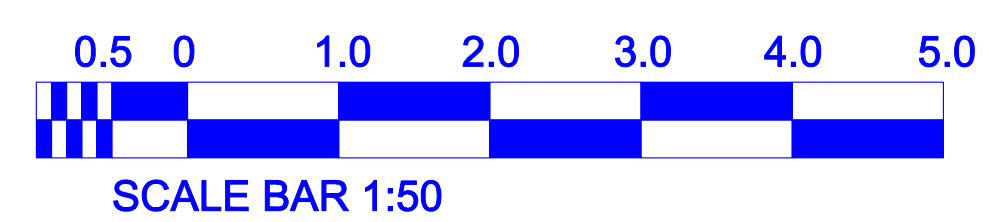
ICELAND: 3146-01

GSM Ltd
HEATING > COOLING > RENEWABLE ENERGY

MITSUBISHI ELECTRIC
LIVING ENVIRONMENTAL SYSTEMS
Business Solutions Partner

DESIGNERS RISK ASSESSMENT FOR MAINTENANCE

ITEM	MAINTENANCE FREQUENCY	LOCATION	SPECIAL ACCESS REQUIREMENTS	RISK
SALES FLOOR AC BAG FILTERS	FOUR MONTHS	SALES FLOOR FAN COILS	SCISSOR LIFT OUT OF HOURS	LOW
DOOR HEATER FILTERS	FOUR MONTHS	IN DOOR HEATER	SCISSOR LIFT OUT OF HOURS	LOW
MITSUBISHI CONDENSING UNITS	TWELVE MONTHS	EXTERNAL PLANT COMPOUND.	NONE	LOW
AMENITIES EXTRACT FAN	TWELVE MONTHS	ABOVE CEILING IN BACK AREA	REMOVE CEILING / ACCESS WITH LADDER	LOW
OFFICE AC UNIT FILTERS	FOUR MONTHS	CASH OFFICE	ACCESS WITH LADDER	LOW
OFFICE AC CONDENSER	TWELVE MONTHS	EXTERNAL PLANT COMPOUND	NONE	LOW



REMOTE REFRIGERATION EQUIPMENT

SYSTEM	N° OF CABINETS	PACK TYPE	CONDENSER TYPE
HT1	3# 2500 REMOTE	HIGH TEMP HT38 PACK	1# RFS102L4H 063-ICE CONDENSER
HT2	3# 3750 REMOTE	HIGH TEMP HT38 PACK	1# RFS102L4H 063-ICE CONDENSER
COLD ROOM	1# V6 ZF18 SCROLL CABINET COMPLETE WITH 2# MSA132 CONDENSERS AND 2# KM95SICE COOLERS.		
BACK UP CHILLER	2# KDS11 CONDENSING UNITS WITH 2# KE45-6L COOLERS AND CONTROLLED VIA 2# METAL CLAD CONTROL PANELS		
HT SYSTEM REQUIRES 5# CONDENSATE PUMPS			
MILK CHILLER REQUIRES 1# CONDENSATE PUMP			

A/C CONTROL PANEL NOTE

A/C PANEL FITTED WITH AE200 AND MELCO SYSTEM PANEL TO CONTAIN TIME CLOCK CONTACTORS FOR AMENITIES EXTRACT, OFFICE AC UNIT/ FIRE ALARM INTERLOCK. ALL CIRCUIT BREAKERS / CONTACTORS FOR MAINS POWER SUPPLIES TO A/C EQUIPMENT, INCLUDING FANS, CIRCUIT BREAKERS / CONTACTORS TO STAFF AREA HEATERS, 8 WAY AUTO NEGOTIATION SWITCH. ALL A/C EQUIPMENT IS TO BE WIRED TO PANEL. EACH MITSUBISHI CONDENSER IS TO HAVE A PAC-SJ95MA-E M-NET FITTED TO ALLOW THE SYSTEM TO COMMUNICATE WITH AE200 AND MELCO RETAIL. ALL LIGHTING IS TO BE CONTROLLED THRU MELCO CONTROLLER