










C02	ISSUED FOR TENDER	24 Feb 2015
revisions		date

**CANADIAN COAST GUARD
SOUTHSIDE BASE
SITE DEVELOPMENT
AND SERVICES
ST. JOHN'S, NL**

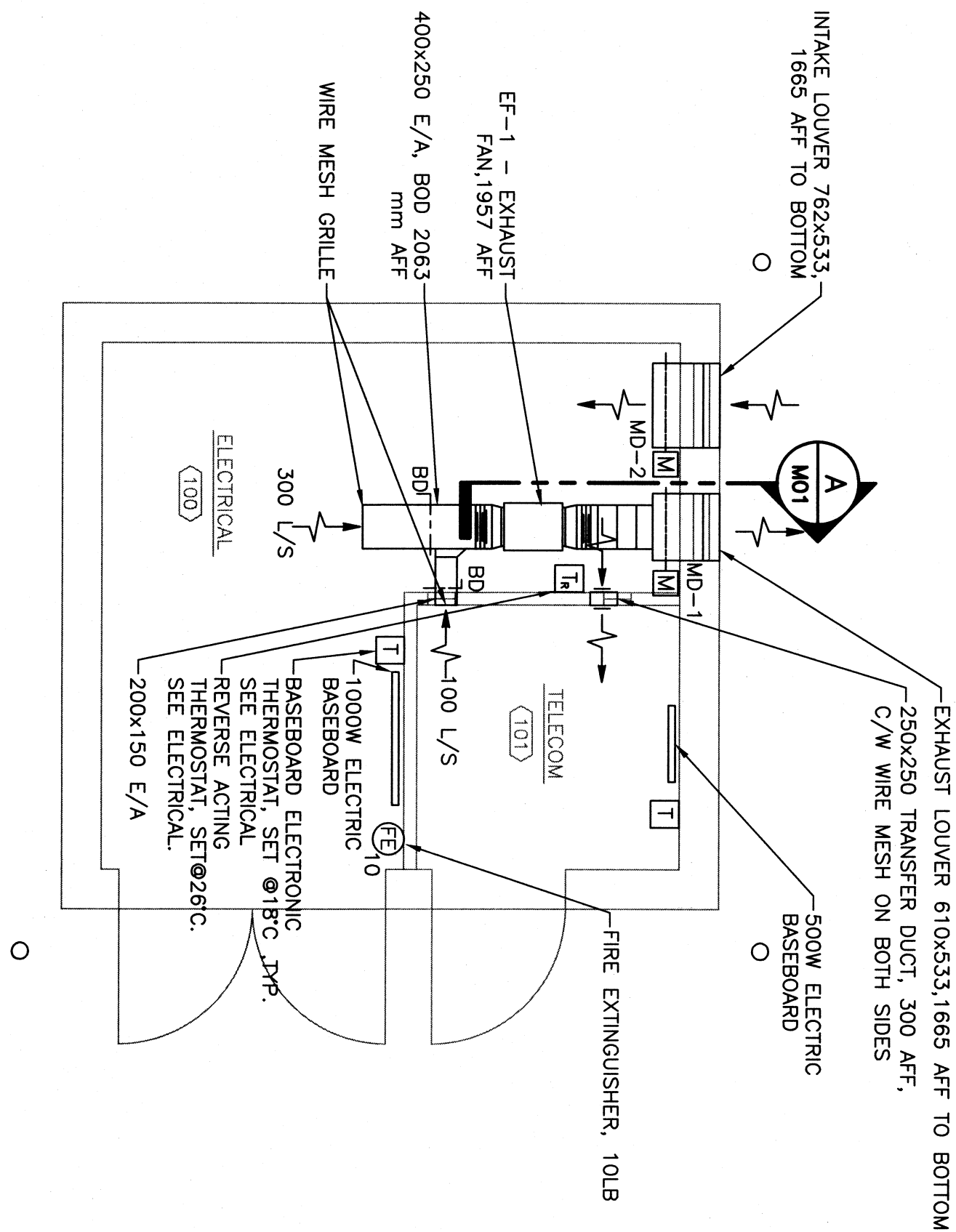
WHARF ELECTRICAL &
TELECOMMUNICATIONS BLDG.
VENTILATION PLAN
SCHEDULE & DETAILS

[illegible]

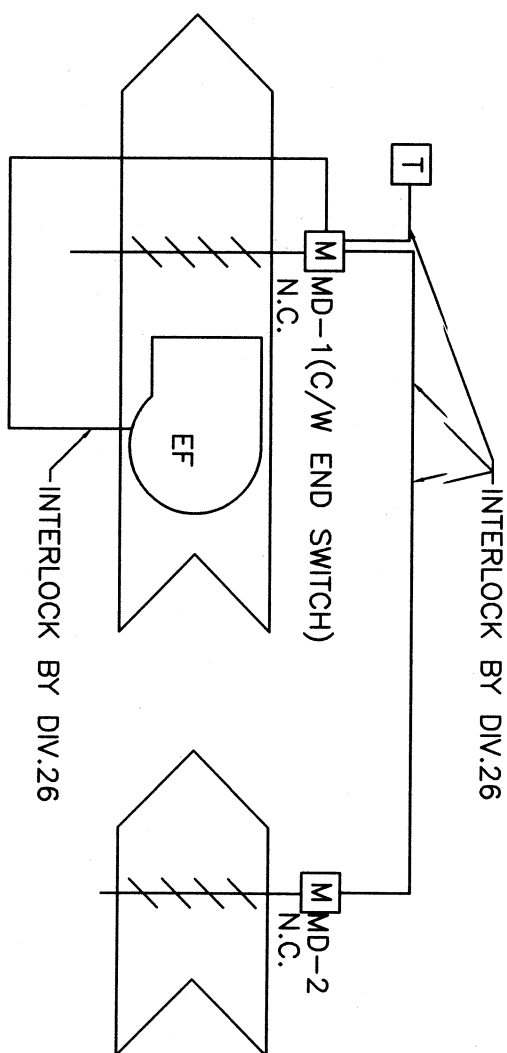
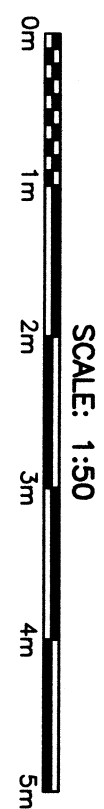
MO1

SYMBOL	DESCRIPTION
	EXHAUST DUCT
	MOTORIZED DAMPER
	BALANCING DAMPER
	TRANSFER GRILLE
	FLEXIBLE CONNECTION
	REFRIGERANT ACTING THERMOSTAT
	ELECTRIC BASEBOARD THERMOSTAT
	BOTTOM OF DUCT
	2 1/2" FIRE EXTINGUISHER - 10 LBS. 1/2" WALL PROTECT

LEGEND



1 VENTILATION SYSTEM LAYOUT
MO1



SEQUENCE OF OPERATION

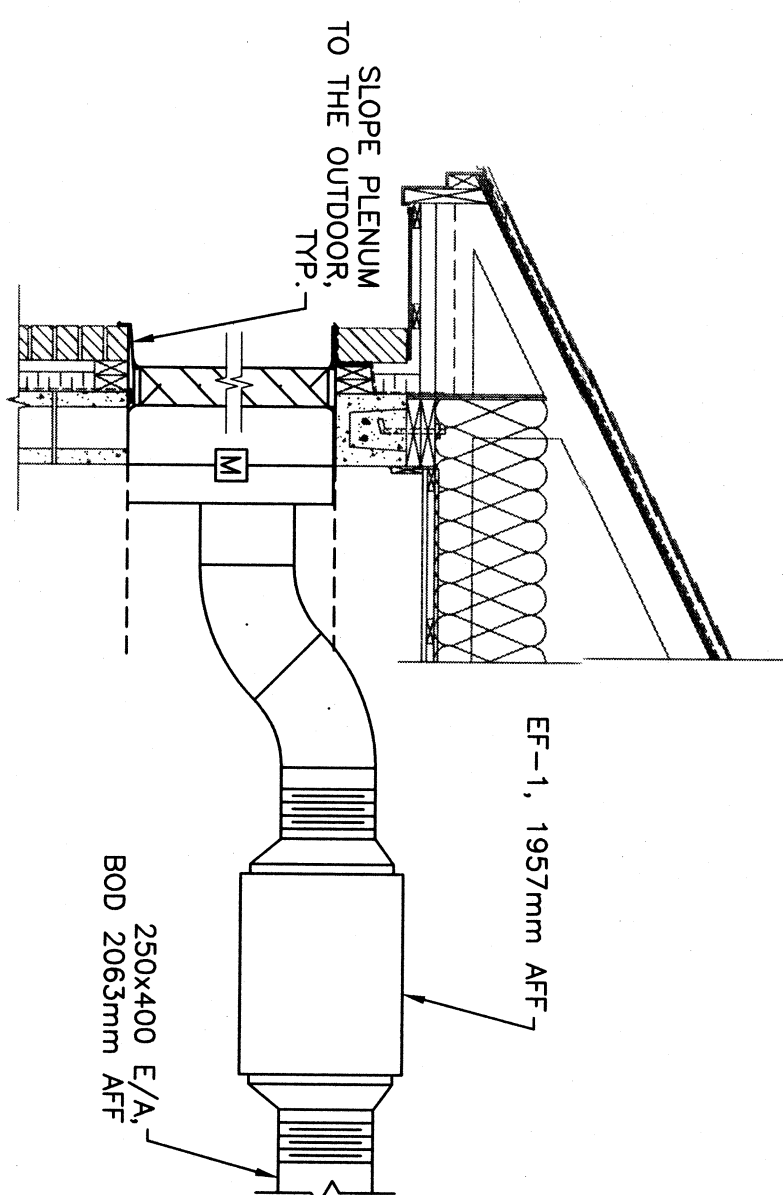
1. WHEN TEMPERATURE INCREASE PAST 26°C, LOCK LINE VOLTAGE REVERSE ACTING THERMOSTAT SHALL ACTIVATE EXHAUST (MD-1) AND INTAKE (MD-2) DAMPERS. WHEN EXHAUST DAMPER (MD-1) END SWITCH IS REACHED EXHAUST FAN EF-1 SHALL BE ACTIVATED

2
MO1

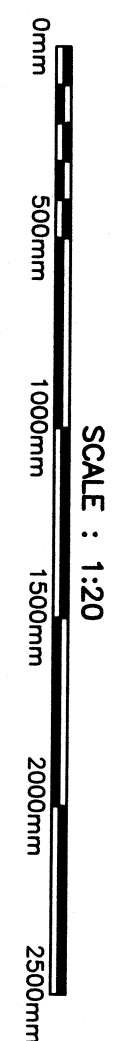
EXHAUST FAN CONTROL

SCALE: N.T.S.

SCALE: N.T.S.



SECTION A



FAN SCHEDULE											
	LOCATION	TYPE	AIRFLOW (L/s)	EXT. STATIC PRESSURE (Pa)	FAN RPM	BRAKE POWER (kW)	MOTOR POWER (kW)	SOUND dBA	ELECT. SUPPLY VOLTS	PHASE	REMARKS
EF-1	ELECTRICAL ROOM	CENTRIFUGAL INDIAN FAN	400	100	1318	0.08	0.186	55	120	1	DIRECT DRIVE

MOTORIZED DAMPER SCHEDULE

MOTORIZED DAMPER SCHEDULE						
TAG	LOCATION	SIZE	SERVICE	BLADE ARRANGEMENT	INSULATED BLADES AND FRAME	ACTUATOR
MD-1	ELECTRICAL ROOM	TO SUIT LOUVER	ISOLATING	PARALLEL	YES	ZPOS, SPRING RETURN, END SWITCH, AUX
MD-2	ELECTRICAL ROOM	TO SUIT LOUVER	ISOLATING	PARALLEL	YES	ZPOS, SPRING RETURN, END SWITCH, AUX