

SMALL CRAFT HARBOURS



NOTES

1. ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
3. DO NOT SCALE FROM DRAWINGS.
4. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE PRIOR TO PROCEEDING WITH ANY PORTION OF THIS WORK.

stamp

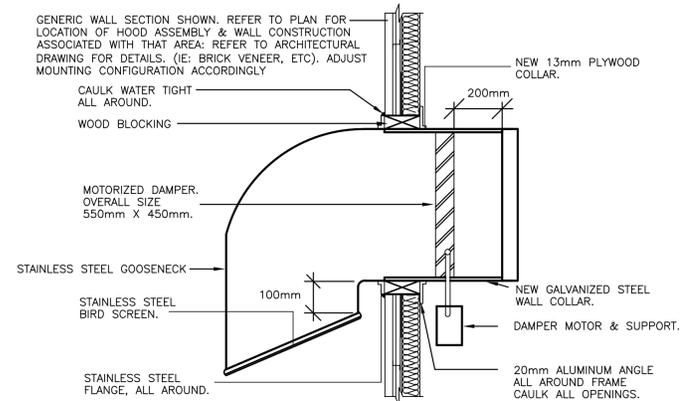
permit

revision	description	date
O	ISSUED FOR TENDER	DEC 13 2021
D	ISSUED FOR PRE-TENDER REVIEW	NOV 24 2021
C	ISSUED FOR REVIEW	AUG 24 2020
B	ISSUED FOR REVIEW	JUNE 11 2020
A	ISSUED FOR REVIEW	MAY 21 2020

WHARF RECONSTRUCTION
HARBOUR GRACE, NL

ELECTRICAL ROOM - VENTILATION

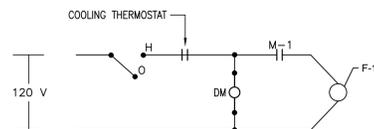
designed	N.C.	concu
date	NOVEMBER 2021	
drawn	M.K.	desine
date	NOVEMBER 2021	
approved		approve
tender	Paul Curran	Submission
DFO Project Manager		
project number	C2-00201	no. du projet
drawing no.	ME-1	no. du dessin



GOOSENECK AND HOOD ASSEMBLY DETAIL

SCALE = N.T.S.

2
ME-1



CONTROL DIAGRAM FOR EXHAUST FAN F-1

SCALE = N.T.S.

1
ME-1



NOTES
20° Max. ON DIVERGING AIRFLOW,
30° Max. ON CONVERGING AIRFLOW.

TYPICAL TRANSITIONS

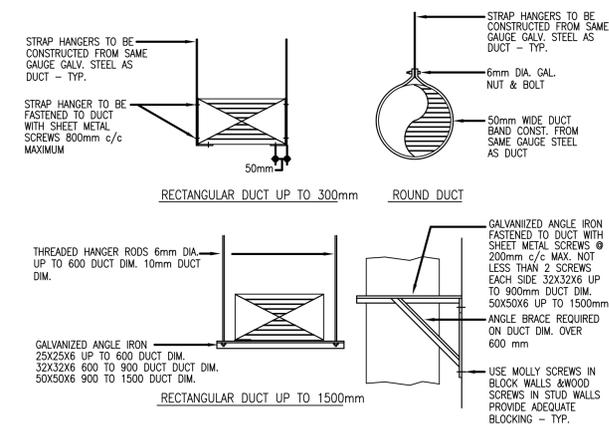
- NOTES:
1. ALL DUCTWORK CONSTRUCTION SHALL CONFORM TO SMACNA LOW AND/OR HIGH VELOCITY DUCT STANDARDS AS REQUIRED.

TYPICAL DUCT CONSTRUCTION DETAILS

3
ME-1

WALL EXHAUST FAN DETAIL

4
ME-1



NOTES:
1.) ALL HANGER STRAPS & HANGER RODS SHALL BE FIRMLY SUPPORTED FROM THE STRUCTURAL STEEL.
2.) DUCT SUPPORT UP TO 1500mm DUCT DIM. SHALL BE INSTALLED @ 1200mm c/c MAX.

DETAIL - TYP. DUCT SUPPORTS

SCALE = N.T.S.

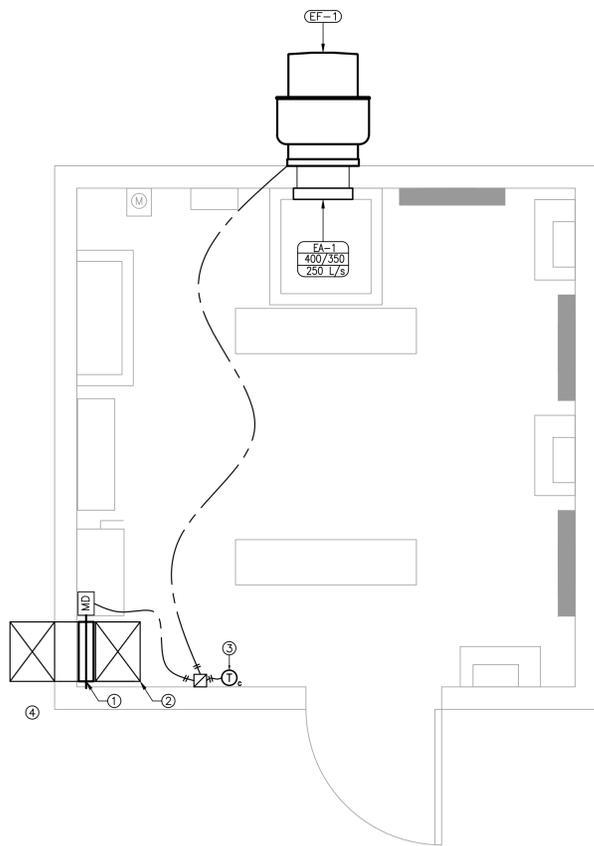
5
ME-1

MECHANICAL LEGEND:

- 24 VOLT CONTROL WIRING BY MECHANICAL
- COOLING THERMOSTAT WIRED BY ELECTRICAL
- MANUAL STARTER SUPPLIED AND INSTALLED BY MECHANICAL WIRED BY ELECTRICAL.
- MOTORIZED DAMPER SUPPLIED AND INSTALLED BY MECHANICAL WIRED BY ELECTRICAL.
- NEW DUCTWORK (DIMENSION = mm/mm)
- SUPPLY/FRESH AIR DUCTS UP & DOWN
- RETURN/EXHAUST AIR DUCTS UP & DOWN
- TYPICAL 90° DUCT ELBOWS; (R/W = 1.0 & w TURNING VANES)
- BACK DRAFT DAMPER

DRAWING NOTES:

1. PROVIDE TAMCO SERIES 9000 INSULATED DAMPER AND THERMALLY INSULATED DUCTWORK.
2. 400/300 DUCT TO DROP TO 300mm AFF NEAR TRANSFORMER. COORDINATE EXACT LOCATION ON SITE.
3. REVERSE ACTING THERMOSTAT. SEE DETAIL 1/ME-1.
4. 400/300 STAINLESS STEEL F/A GOOSE NECK. SEE DETAIL 2/ME-1



ELECTRICAL ROOM - VENTILATION LAYOUT

SCALE : 1:20

0mm 500mm 1000mm 1500mm 2000mm 2500mm

FAN SCHEDULE

TAG NO.	LOCATION	APPLICATION	MANUF.	MODEL	TYPE	CAPACITY		PRESSURE LOSS		DRIVE	CURB	R.P.M.	MOTOR		ELECTRICAL	SONES	REMARKS
						L/s	Pa	in. wg	H.P.				AMPS				
EF-1	ELEC. RM	EXHAUST	GREENHECK	CUBE-101-4	SIWALL EXHAUST FAN	250	-	.24		BELT	N/A	898	.25	-	120/1/60	-	C/W ELECTRICAL DISCONNECT, ISOLATORS, MANUAL STARTER

GRILLE/REGISTER AND DIFFUSER SCHEDULE

TAG NO.	MANUFACTURER	MODEL NO.	SIZE (mm)	DISCHARGE PATTERN	NUMBER OF SLOTS	MOUNTING TYPE
EA-1	E.H PRICE	500 SERIES	AS SHOWN	-	-	SURFACE