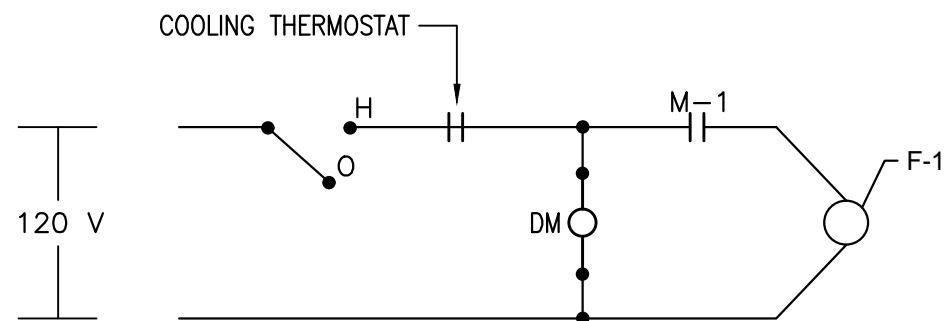


- MECHANICAL LEGEND:
- 24 VOLT CONTROL WIRING BY MECHANICAL
 - COOLING THERMOSTAT WIRED BY ELECTRICAL
 - MANUAL STARTER SUPPLIED AND INSTALLED BY MECHANICAL WIRED BY ELECTRICAL.
 - MOTORIZED DAMPER SUPPLIED AND INSTALLED BY MECHANICAL WIRED BY ELECTRICAL.
 - NEW DUCTWORK (DIMENSION = mm/mm)
 - SUPPLY/FRESH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

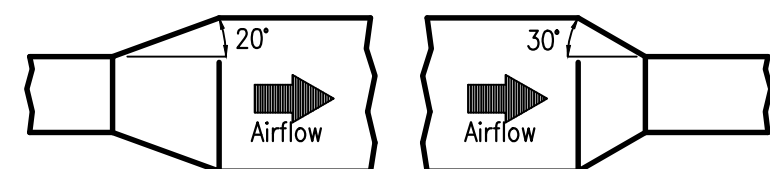
- DRAWING NOTES:
- PROVIDE TAMCO SERIES 9000 INSULATED DAMPER AND THERMALLY INSULATED DUCTWORK.
 - 400/300 DUCT TO DROP TO 300mm AFF NEAR TRANSFORMER. COORDINATE EXACT LOCATION ON SITE.
 - REVERSE ACTING THERMOSTAT. SEE DETAIL 1/ME-1.
 - 400/300 STAINLESS STEEL F/A GOOSE NECK. SEE DETAIL 2/ME-1



CONTROL DIAGRAM FOR EXHAUST FAN F-1

SCALE = N.T.S.

1
ME-1



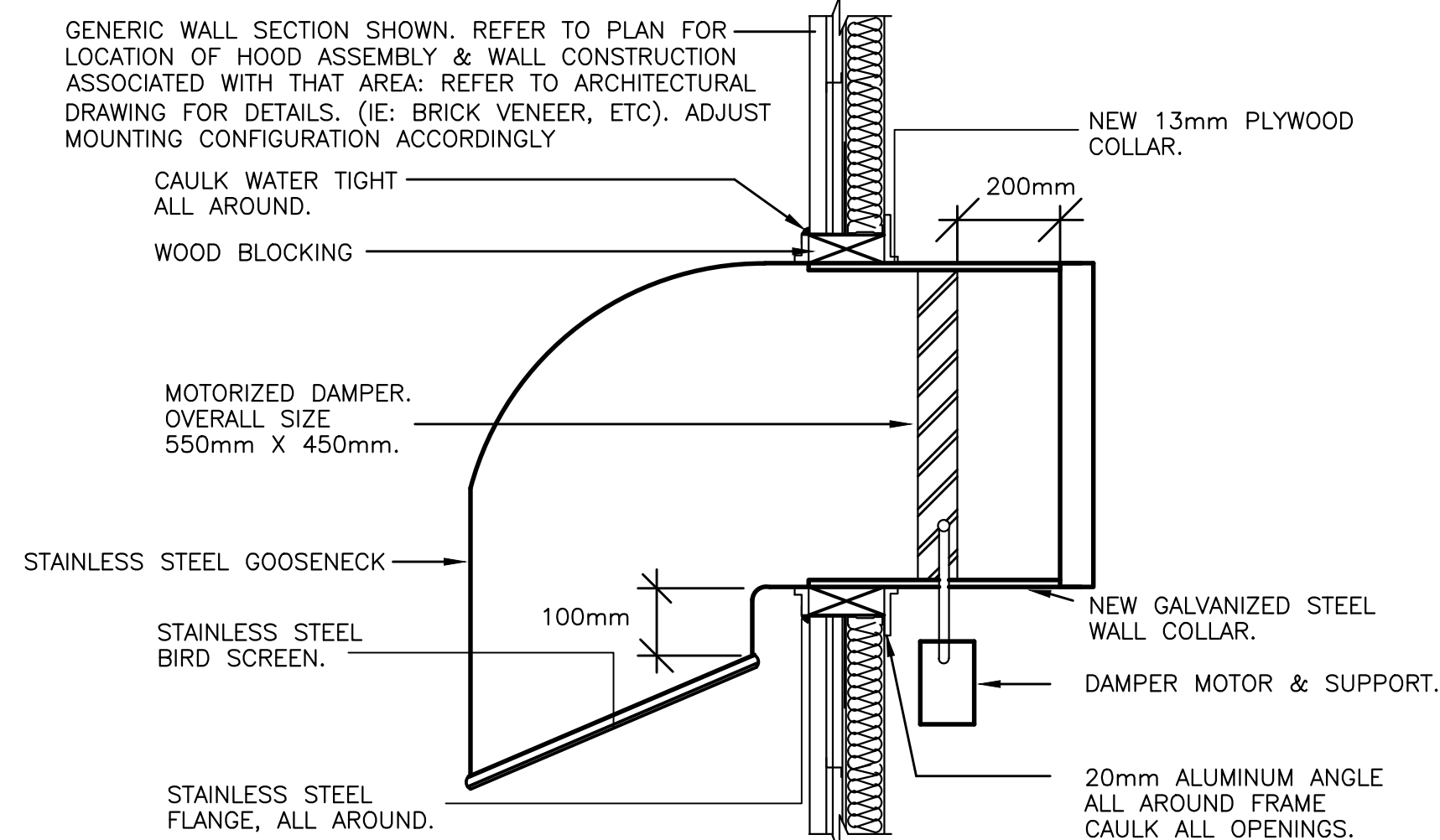
NOTES
20° Max. ON DIVERGING AIRFLOW,
30° Max. ON CONVERGING AIRFLOW.

TYPICAL TRANSITIONS

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

TYPICAL DUCT CONSTRUCTION DETAILS

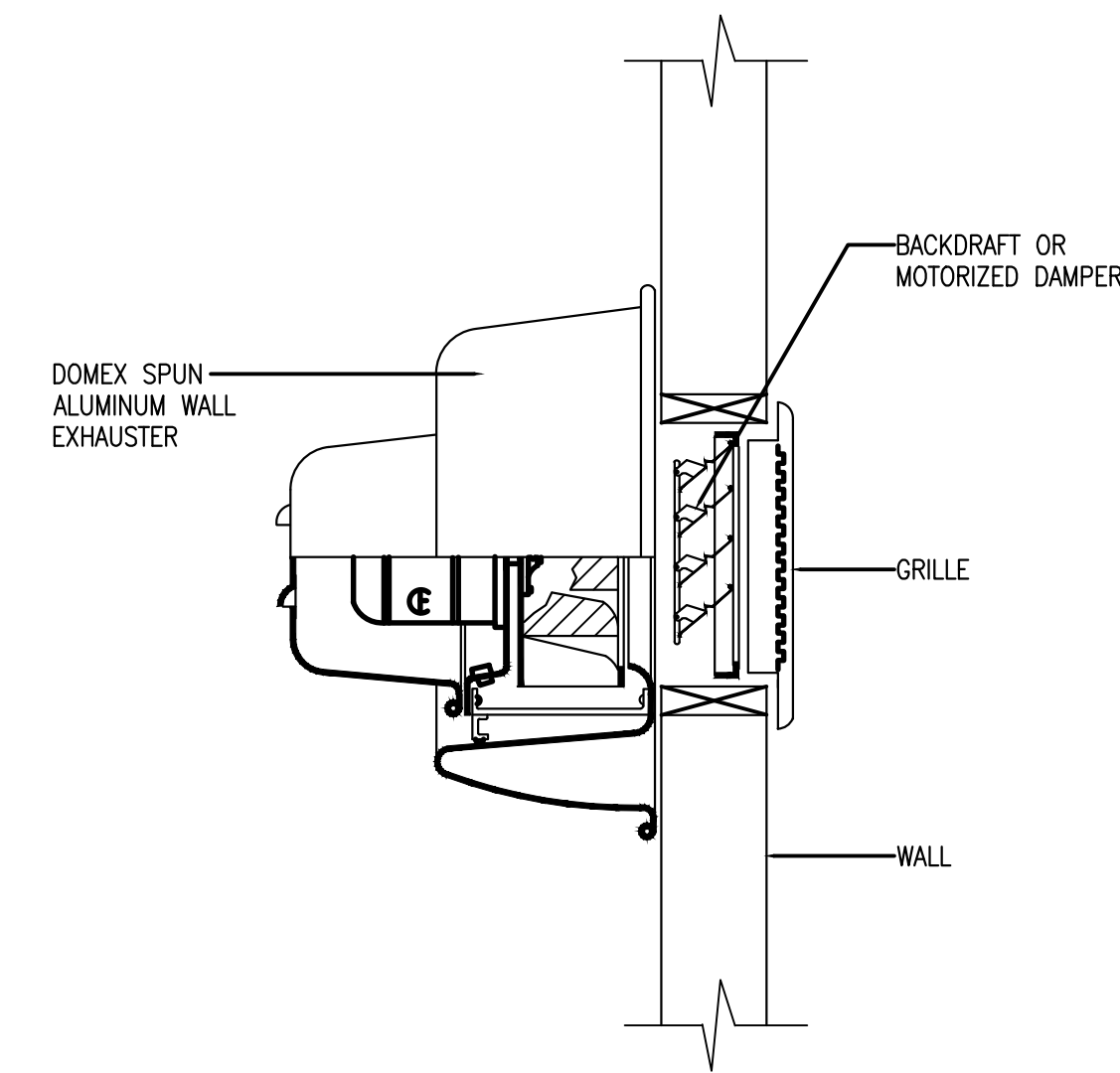
3
ME-1



GOOSENECK AND HOOD ASSEMBLY DETAIL

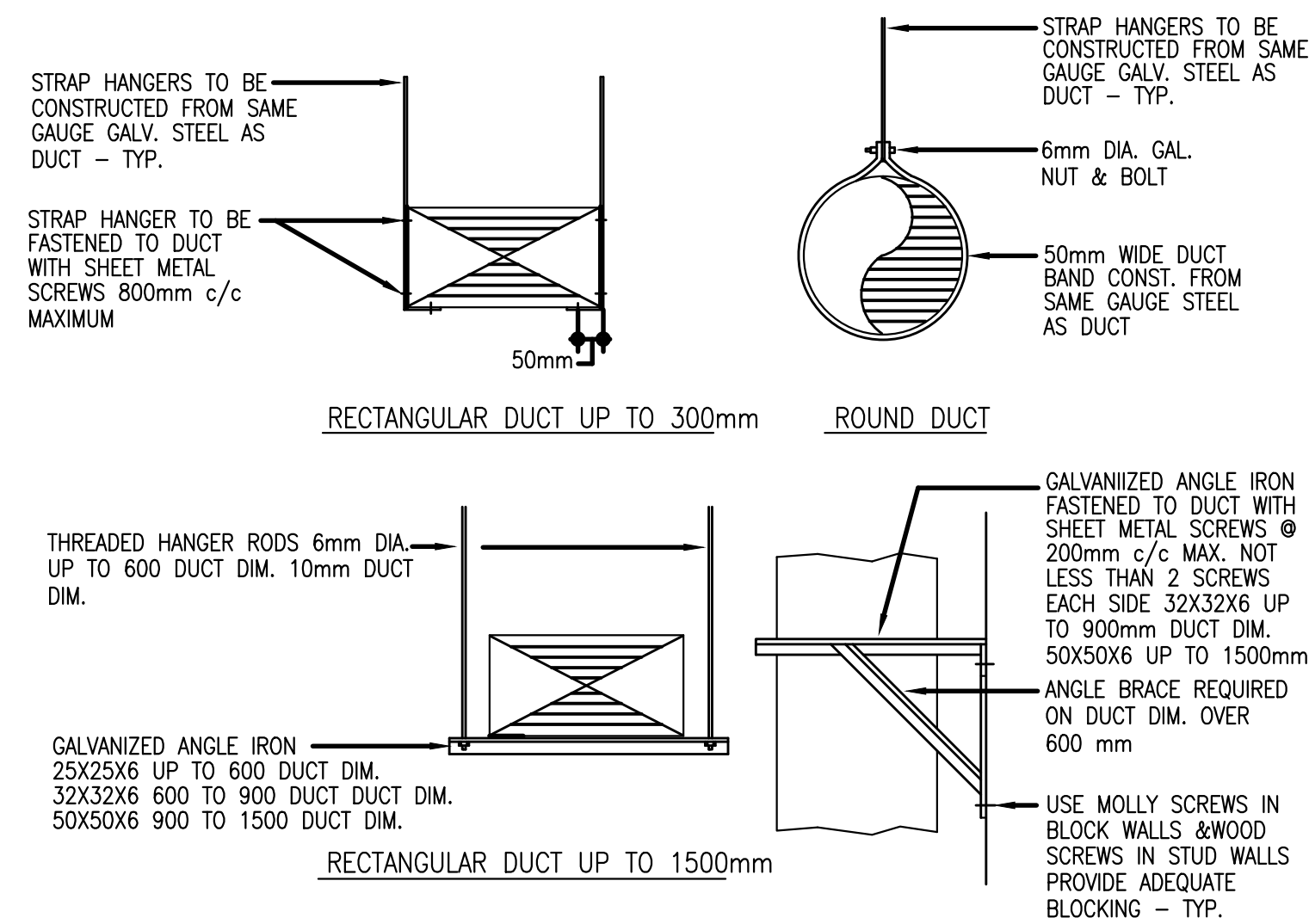
SCALE = N.T.S.

2
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.

VERTICAL DUCT

DETAIL - TYP. DUCT SUPPORTS

SCALE = N.T.S.

5
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	SIDEWALL 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

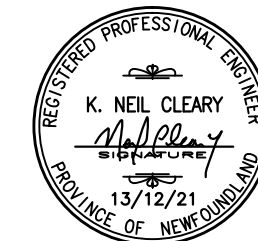
SMALL CRAFT HARBOURS



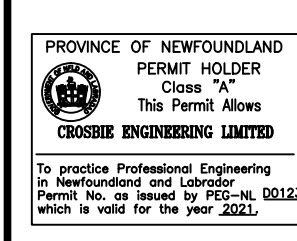
NOTES

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

stamp



permit



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

revisions		date
project		project

WHARF RECONSTRUCTION HARBOUR GRACE, NL

drawing dessin

ELECTRICAL ROOM — VENTILATION

designed N.C. concu

date NOVEMBER 2021

drawn M.K. dessine

date NOVEMBER 2021

approved approve

Tender Paul Curran Soumission

DFO Project Manager

project number no. du projet

C2-00201

drawing no. no. du dessin

ME-1