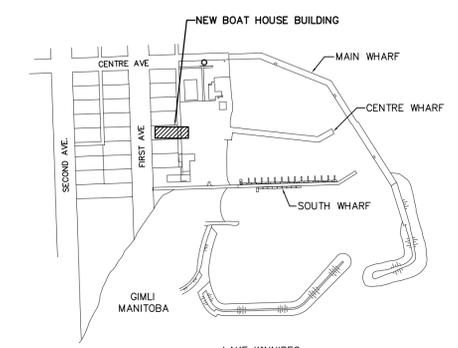


MAIN FLOOR PLAN -HVAC
SCALE = 1:50



KEY PLAN
SCALE: N.T.S.

Department of Fisheries and Oceans Canada
Small Craft Harbours
Central and Arctic Region

JML Engineering
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No.	Revision	Date	Initial
3	RE-ISSUED FOR CONSTRUCTION	JUN. 26/17	DS
2	RE-ISSUED FOR CONSTRUCTION	JUN. 23/17	DS
1	RE-ISSUED FOR CONSTRUCTION	DEC. 21/16	DS
0	ISSUED FOR CONSTRUCTION	DEC. 16/16	DS
A	ISSUED FOR CLIENT REVIEW	DEC. 13/16	DS

Notes:
1. CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING DIMENSIONS AND EXISTING CONDITIONS AT THE OUTSET OF CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER. DO NOT PROCEED WITHOUT FURTHER WRITTEN DIRECTION FROM THE ENGINEER.
2. DRAWING SHOWS GENERAL ARRANGEMENT ONLY. DO NOT SCALE.

Approved:

TBT ENGINEERING CONSULTING GROUP
Thunder Bay Phone: (807) 624-5160
E-mail: info@tbt.ca

SAR BOATHOUSE AND WORKSHOP
GIMLI, MANITOBA

MAIN FLOOR HVAC PLAN, SECTION, HVAC NOTES AND GRILLE/DIFFUSER SCHEDULE

Scale: AS NOTED	Drawn By: ER Ckd. By: DS Dwg. No.: 16-336-M2	Date: JUNE 2017 Rev. 3
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- NOTES:**
1. INSTALL UNIT HEATER AND WATER HEATER VENTING AND COMBUSTION AIR DUCTING AS PER DESIGN DRAWINGS AND AS PER EQUIPMENT MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
 2. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR WALL OPENING FRAMING, FLASHING AND SEALING REQUIREMENTS.
 3. ALL CONTROL WIRING SHALL BE ROUTED IN RIGID GALVANIZED CONDUIT.

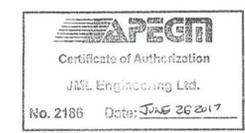
GENERAL HVAC NOTES:

1. FOR MECHANICAL SPECIFICATIONS, SEQUENCE OF OPERATION AND EQUIPMENT LIST REFER TO DRAWING M5.
2. CO-ORDINATE DISTRIBUTION DUCTWORK, DIFFUSERS AND GRILLES WITH DOMESTIC WATER PIPING, SANITARY, LIGHTING LAYOUT AND CONDENSATE PIPING.
3. DUCTWORK EXTERNAL INSULATION NOT SHOWN FOR CLARITY. INSULATE DUCTWORK AS PER MECHANICAL SPECIFICATIONS ON DRAWING M5.
4. PROVIDE ADEQUATE SUPPORT FOR ALL EQUIPMENT, DUCTWORK AND PIPING. PROVIDE SERVICE CLEARANCE FOR ALL EQUIPMENT AS PER MANUFACTURER'S RECOMMENDATIONS.

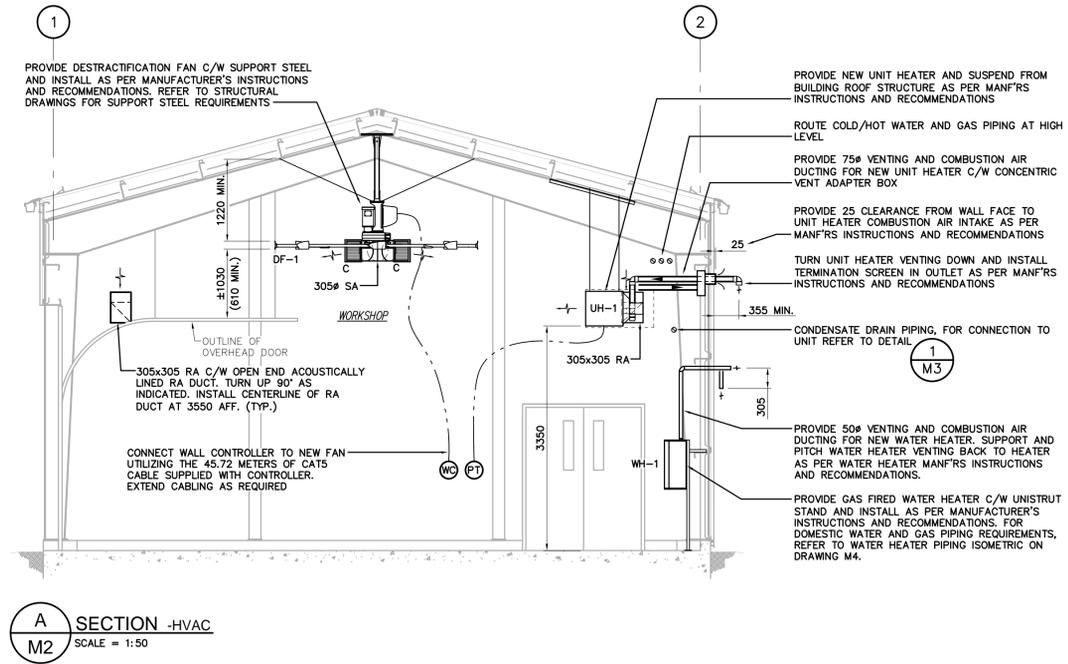
DIFFUSER / GRILLE SCHEDULE

ROOM	EQUIP. No.	SUPPLY AIR				RETURN / EXHAUST AIR			
		TYPE	QTY.	1/s	NECK SIZE	TYPE	QTY.	1/s	NECK SIZE
BOAT STORAGE	MUA-1 EF-1&2	A	2	325	255x610	B	2	465	305x815
WORKSHOP	MUA-1 EF-1&2	C	2	140	255x255	D	2	140	305x305

REMARKS: (BASED ON EH. PRICE)
TYPE A (SIZE AS NOTED)/HCD2/F/A/B15 -SUPPLIED C/W MODEL VCS5 HEAVY DUTY OPPOSED BLADE DAMPER
TYPE B (SIZE AS NOTED)/920/F/S/A/B15
TYPE C (SIZE AS NOTED)/5200/F/L/A/B15
TYPE D (SIZE AS NOTED)/520/F/L/A/B15



MECHANICAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ELECTRICAL DRAWINGS



SECTION A-M2 -HVAC
SCALE = 1:50