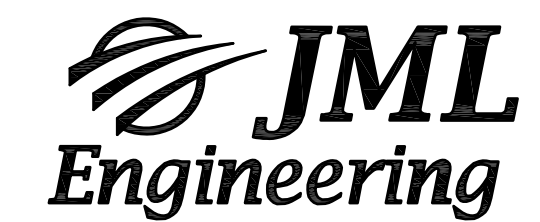


**KEY PLAN**  
SCALE: N.T.S.



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



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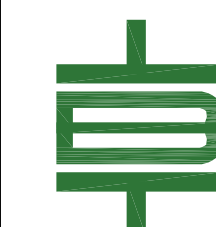
3	RE--ISSUED FOR CONSTRUCTION	JUN. 26/17	DS
2	RE--ISSUED FOR CONSTRUCTION	JUN. 23/17	DS
1	RE--ISSUED FOR CONSTRUCTION	DEC. 21/16	DS
0	ISSUED FOR CONSTRUCTION	DEC. 16/16	DS
A	ISSUED FOR CLIENT REVIEW	DEC. 13/16	DS
No.	Revision	Date	Initial

## 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

Approved
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**TBT ENGINEERING  
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**SAR BOATHOUSE AND WORKSHOP**  
GIMLI, MANITOBA MANITOBA

## MAIN AND PARTIAL MAIN FLOOR PLUMBING PLANS, PLUMBING NOTES AND GAS LINE SPACING SCHEDULE

Scale:  AS NOTED	Drawn By: ER	Date:
	Ckd. By: DS	JUNE 2017
	Dwg. No.: 16-336-M1	Rev. 3

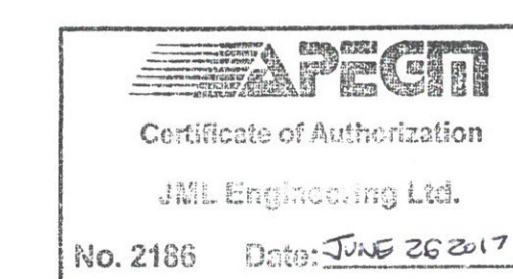
#### GENERAL PLUMBING NOTES:

1. PRIOR TO COMMENCING WORK, CONTRACTOR TO COORDINATE WITH EXISTING BUILDING SANITARY CONNECTIONS.
2. CO-ORDINATE SANITARY, DOMESTIC WATER AND GAS PIPING WITH DISTRIBUTION DUCTWORK, EQUIPMENT, LIGHTING LAYOUT, CONDENSATE PIPING AND BUILDING STRUCTURE.
3. FOR DOMESTIC HOT AND COLD WATER CONNECTION SIZES TO FIXTURES REFER TO CHART ON DRAWING M5. PROVIDE REDUCERS WHERE REQUIRED TO SUIT FIXTURE CONNECTION SIZES. PROVIDE STAINLESS STEEL BRAIDED FLEX HOSE FOR ALL FIXTURE CONNECTIONS WHERE APPLICABLE.
4. FOR MECHANICAL SPECIFICATIONS, SEQUENCE OF OPERATION AND EQUIPMENT LIST REFER TO DRAWING M5.
5. INSULATE ALL PIPING AS PER SPECIFICATIONS ON DRAWING M5.
6. REFER TO ARCHITECTURAL PLANS FOR FIRE SEPARATIONS. ALL PENETRATIONS TO BE SEALED TO MAINTAIN INTEGRITY OF FIRE RATING. PROVIDE FIRE DAMPER OR U/LC LISTED INTUMESCENT FIRESTOP ASSEMBLY FOR PIPING PENETRATING REQUIRED SEPARATIONS.
7. COORDINATE SANITARY PIPING AND DOMESTIC WATER PIPING WITH EQUIPMENT, DISTRIBUTION DUCTWORK, HYDRONIC LAYOUTS, AND BUILDING STRUCTURE.
8. PROVIDE ADEQUATE SUPPORT FOR ALL EQUIPMENT AND PIPING. PROVIDE SERVICE CLEARANCE FOR ALL EQUIPMENT AS PER MANUFACTURERS RECOMMENDATIONS.
9. CORE ALL OPENINGS IN NEW BUILDING CONSTRUCTION AS REQUIRED FOR ROUTING OF NEW PIPING.
10. PROVIDE ONE PIECE ESCUTCHEONS FOR ALL SANITARY AND WATER PIPING WALL PENETRATIONS.
11. PROVIDE NON-RATED OR FIRE RATED ACCESS DOORS TO MAINTAIN ACCESS TO MECHANICAL EQUIPMENT AND PIPING WHERE REQUIRED.

H&C CONNECTION TO FIXTURES	
WC1	12ø CW
L1	12ø H&C
W01	12ø H&C
EW1	12ø H&C
TSP	19ø CW
HB1	19ø CW

### GAS LINE SUPPORT SPACING

SERVICE	MAXIMUM SPACING
13mm AND UNDER (HORIZONTAL)	2000mm
19mm TO 25mm (HORIZONTAL)	2500mm
32mm TO 65mm (HORIZONTAL)	3000mm
75mm TO 100mm (HORIZONTAL)	5000mm
ALL SIZES (VERTICAL)	EVERY FLOOR BUT NOT MORE THAN 125% OF HORIZONTAL SPACING LISTED ABOVE
ALL SIZES - TUBING	2000mm



MECHANICAL DRAWINGS SHALL BE READ IN  
CONJUNCTION WITH ELECTRICAL DRAWINGS

MAIN FLOOR PLAN -PLUMBING  
SCALE = 1:50

PARTIAL MAIN FLOOR PLAN -DOMESTIC WATER  
SCALE = 1:25

**NOTES:**

1. BELOW GRADE SANITARY, VENTING, INCOMING COLD WATER SERVICE AND FLOOR DRAIN TRAP SEAL PRIMER PIPING SUPPLIED BY OTHERS. PROVIDE ALL NECESSARY FITTINGS AND PIPING TO CONNECT TO THESE SERVICES AND PIPE AS INDICATED ON DESIGN DRAWINGS.
2. FOR FUTURE DOMESTIC WATER CONNECTION SIZES REFER TO SCHEDULE E, THIS DRAWING.