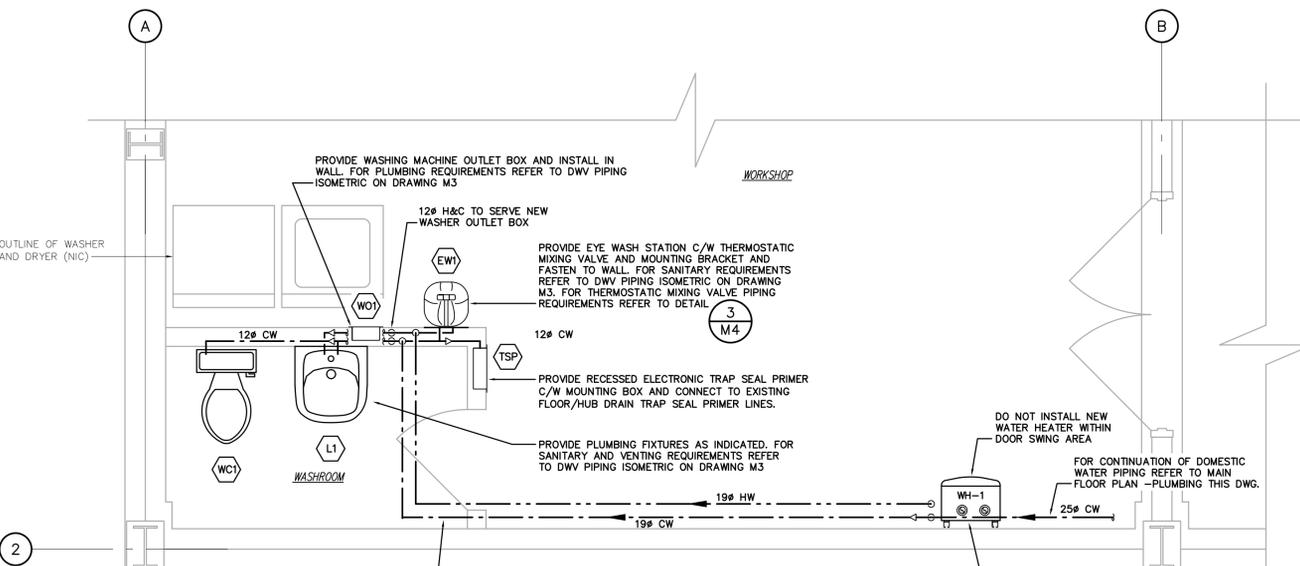


MAIN FLOOR PLAN -PLUMBING
SCALE = 1:50



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 SUPPLIED BY OTHERS. PROVIDE ALL NECESSARY FITTINGS AND PIPING TO CONNECT TO THESE SERVICES AND PIPE AS INDICATED ON DESIGN DRAWINGS.
2. FOR FIXTURE DOMESTIC WATER CONNECTION SIZES REFER TO SCHEDULE THIS DRAWING

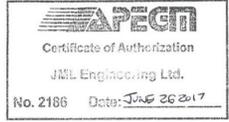
NOTE:
BELOW GRADE SANITARY, VENTING, INCOMING COLD WATER SERVICE AND FLOOR DRAIN TRAP SEAL PRIMER PIPING SUPPLIED BY OTHERS. PROVIDE ALL NECESSARY FITTINGS AND PIPING TO CONNECT TO THESE SERVICES AND PIPE AS INDICATED ON DESIGN DRAWINGS.

H&C CONNECTION TO FIXTURES	
WC1	12# CW
L1	12# H&C
WO1	12# H&C
EW1	12# H&C
TSP	19# CW
HB1	19# CW

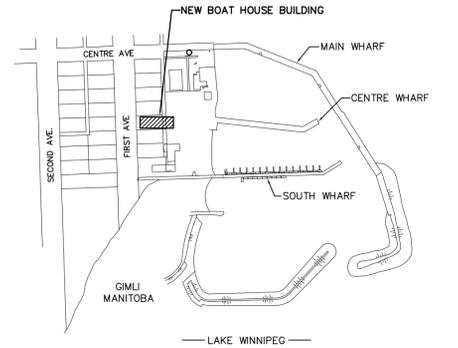
- GENERAL PLUMBING NOTES:**
- PRIOR TO COMMENCING WORK, CONTRACTOR TO COORDINATE WITH EXISTING BUILDING SANITARY CONNECTIONS.
 - CO-ORDINATE SANITARY, DOMESTIC WATER AND GAS PIPING WITH DISTRIBUTION DUCTWORK, EQUIPMENT, LIGHTING LAYOUT, CONDENSATE PIPING AND BUILDING STRUCTURE.
 - FOR DOMESTIC HOT AND COLD WATER CONNECTION SIZES TO FIXTURES REFER TO CHART ON DRAWING M1. PROVIDE REDUCERS WHERE REQUIRED TO SUIT FIXTURE CONNECTIONS SIZES. PROVIDE STAINLESS STEEL BRAIDED FLEX HOSE FOR ALL FIXTURE CONNECTIONS WHERE APPLICABLE.
 - FOR MECHANICAL SPECIFICATIONS, SEQUENCE OF OPERATION AND EQUIPMENT LIST REFER TO DRAWING M5.
 - INSULATE ALL PIPING AS PER SPECIFICATIONS ON DRAWING M5.
 - REFER TO ARCHITECTURAL PLANS FOR FIRE SEPARATIONS. ALL PENETRATIONS TO BE SEALED TO MAINTAIN INTEGRITY OF FIRE RATING. PROVIDE FIRE DAMPER OR ULC LISTED INTUMESCENT FIRESTOP ASSEMBLY FOR PIPING PENETRATING REQUIRED SEPARATIONS.
 - COORDINATE SANITARY PIPING AND DOMESTIC WATER PIPING WITH EQUIPMENT, DISTRIBUTION DUCTWORK, HYDRONIC LAYOUTS, AND BUILDING STRUCTURE.
 - PROVIDE ADEQUATE SUPPORT FOR ALL EQUIPMENT AND PIPING. PROVIDE SERVICE CLEARANCE FOR ALL EQUIPMENT AS PER MANUFACTURERS RECOMMENDATIONS.
 - CORE ALL OPENINGS IN NEW BUILDING CONSTRUCTION AS REQUIRED FOR ROUTING OF NEW PIPING.
 - PROVIDE ONE PIECE ESCUTCHEONS FOR ALL SANITARY AND WATER PIPING WALL PENETRATIONS.
 - PROVIDE NON-RATED OR FIRE RATED ACCESS DOORS TO MAINTAIN ACCESS TO MECHANICAL EQUIPMENT AND PIPING WHERE REQUIRED.

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



KEY PLAN
SCALE: N.T.S.

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

JML Engineering
105 Villa Street, 2nd Floor
Thunder Bay, ON P7A 7W5
Phone: 807.345.1131
Fax: 807.345.1229
Email: info@jmleng.com

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 _____ Approved _____

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

SAR BOATHOUSE AND WORKSHOP
GIMLI, MANITOBA MANITOBA

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

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