

- LEGEND**
- (D004) DOOR NUMBER
 - FD FLOOR DRAIN (BY OTHERS)
 - ⬠ WINDOW TYPE
 - PT 1.0 kip POINT LOAD (LOCATIONS TO BE CONFIRMED BY OWNER)
 - BOLLARD (TYP. OF 4)
 - EDGE OF CONCRETE FOUNDATION (BY OTHERS)

GENERAL NOTES:

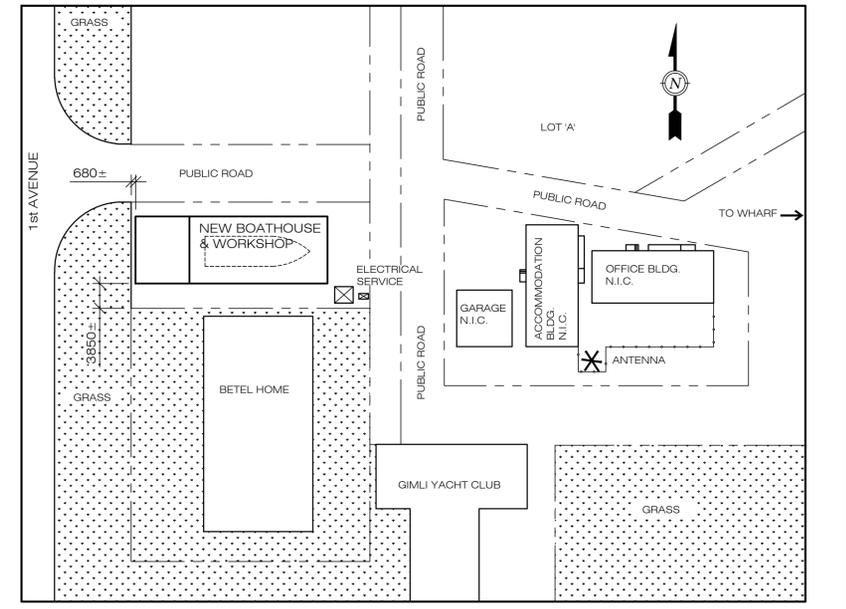
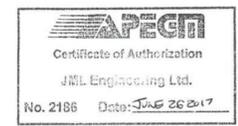
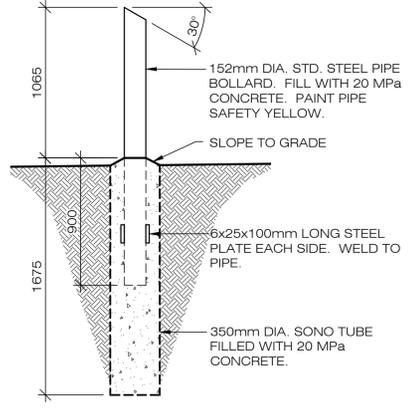
1. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS, ON SITE, PRIOR TO FABRICATION.
2. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW BY A DFO REPRESENTATIVE PRIOR TO FABRICATION.
3. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING BUILDINGS, FIXTURES, EQUIPMENT AND SERVICES FROM DAMAGE DURING CONSTRUCTION OPERATIONS.
4. DO NOT SCALE DRAWINGS.
5. DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS.
6. ACCORDING TO THE MANITOBA BUILDING CODE, THIS BUILDING SHALL HAVE AN OCCUPANCY CLASS OF GROUP F, DIVISION 2 - NON-COMBUSTIBLE CONSTRUCTION, MAXIMUM OCCUPANCY OF 6 PERSONS, ABC TYPE FIRE EXTINGUISHERS PROVIDED.
7. THE PRE-ENGINEERED BUILDING IS TO BE DESIGNED TO THE LATEST EDITION OF THE MANITOBA BUILDING CODE, M.R. 31/2011 AND THE STANDARD FOR STEEL BUILDING STRUCTURES CSSBI 30M-06.
8. CONCRETE FOUNDATION BY OTHERS.
9. ROOF INSULATION SHALL BE INTEGRAL TO PREFINISHED METAL ROOF PANELS BY BUILDING MANUFACTURER, MINIMUM RSI 10.43 OR TO LATEST MANITOBA BUILDING CODE.
10. WALL INSULATION SHALL BE INTEGRAL TO WALL PANELS BY BUILDING MANUFACTURER, MINIMUM RSI 5.02 OR TO LATEST MANITOBA BUILDING CODE.
11. PLYWOOD ON LOWER 3.05m OF INTERIOR BUILDING FACE SHALL BE GOOD 1 SIDE, 19mm, DOUGLAS FIR.

12. TIMBER FRAMING FOR WASHROOM CEILING SHALL BE SPF GRADE NO. 1 OR 2.
 13. ALL DOOR HARDWARE BY SAME MANUFACTURER.
 14. ALL WINDOWS SHALL BE FIXED, HERMETICALLY SEALED UNITS, DOUBLE GLAZED WITH CLEAR PLATE GLASS NO LESS THAN 6.36mm THICK. PAGES SHALL BE INSULATED BY ARGON GAS.
 15. OVERHEAD DOORS SHALL BE BY SAME MANUFACTURER AND HAVE ELECTRONIC OPENERS WITH CHAIN HOIST BACK-UP.
 16. PAINT COLOUR SELECTION OF CLADDING, ROOF, DOORS, INTERIOR PLYWOOD, AND GYPSUM SHALL BE BY DFO REPRESENTATIVE.
- PRE-ENGINEERED BUILDING**
1. ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO C.S.A. G40.21-M GRADE 350W.
 2. ALL PLATE SHALL CONFORM TO CSA G40.21-M GRADE 300W.
 3. ALL STRUCTURAL BOLTS, NUTS AND WASHERS SHALL BE ASTM A325 HIGH STRENGTH, MINIMUM 2 BOLTS PER CONNECTION.
 4. ALL ANCHOR BOLTS FOR PORTAL FRAME BASE PLATES SHALL BE ASTM A307.
 5. ALL WELDING SHALL CONFORM WITH CSA W59-13. WELDING ELECTRODES SHALL BE TYPE 480XX.
 6. NO HOLES PERMITTED IN TOP FLANGE OF BEAMS AT COLUMNS WHERE BEAMS ARE CONTINUOUS OVER COLUMNS.
 7. ALL BEAMS CONTINUOUS OVER COLUMNS ARE TO HAVE WEB STIFFENERS THE SAME SIZE AND ORIENTATION AS THE COLUMN BELOW, UNLESS NOTED OTHERWISE.

8. THE PRE-ENGINEERED BUILDING MANUFACTURER SHALL PROVIDE AND BE RESPONSIBLE FOR ALL HOLES IN STEEL SECTIONS REQUIRED BY OTHER TRADES. SECTION SHALL BE STRENGTHENED AS REQUIRED TO ACHIEVE THE ORIGINAL STRENGTH OF THE SECTION. ANY CUTTING OF STEEL AT THE JOB SITE SHALL BE DONE ONLY AS DIRECTED AND APPROVED BY THE ENGINEER.
9. THE STEEL ERECTOR SHALL BE RESPONSIBLE FOR SUPPLYING AND ERECTING ALL TEMPORARY GUYING AND BRACING TO PROVIDE STABILITY FOR THE STRUCTURES AS A WHOLE.
10. THE PRE-ENGINEERED BUILDING MANUFACTURER IS TO SUBMIT ENGINEERING DRAWINGS BEARING THE SEAL OF A PROFESSIONAL ENGINEER, LICENSED IN THE PROVINCE OF MANITOBA TO THE DFO REPRESENTATIVE FOR REVIEW PRIOR TO FABRICATION.
11. THE PRE-ENGINEERED BUILDING MANUFACTURER IS TO PROVIDE ALL STRUCTURAL STEEL FRAMING FOR ALL WINDOW, DOOR, LOUVRE AND VENT OPENINGS. REFER TO SCHEDULE ON DRAWING S-3 FOR ROUGH OPENINGS.
12. THE PRE-ENGINEERED BUILDING MANUFACTURER SHALL COORDINATE WITH DFO TO PROVIDE STRUCTURAL SUPPORT FRAMING FOR THE PROPOSED MURAL ON THE EAST FACT OF THE BUILDING.
13. THE PRE-ENGINEERED BUILDING MANUFACTURER SHALL PROVIDE SUPPORT STRUCTURE FOR LIFTING LUGS FOR 12 mm SHACKLE WELDED AT LOCATIONS INDICATED (TO BE CONFIRMED BY OWNER). PAINT YELLOW AND PERMANENTLY NUMBER 1 THRU 7. USE A LIVE LOAD FACTOR OF 1.5 AND AN IMPACT FACTOR OF 1.1 WHEN DESIGNING LIFTING POINTS.
14. THE PRE-ENGINEERED BUILDING MANUFACTURER SHALL PROVIDE ALL SNOW GUARDS, PRE-FINISHED FLASHING, GUTTERS AND DOWNSPOUTS. SLOPE GUTTERS EAST AND WEST WITH DOWNSPOUTS AT EACH CORNER OF BUILDING. PROVIDE SPLASH PADS AT THE BOTTOM OF EACH DOWNSPOUT.

DESIGN LOADS - GIMLI, MB

LIVE LOAD	1kPa
GROUND SNOW LOAD	1.9 kPa
1/50 HOURLY WIND PRESSURE	0.4 kPa
LIFTING POINT LOAD - PT	0.5 TONNES + HOIST



No.	Description	By	Date
3	RE-ISSUED FOR CONSTRUCTION	LLL	06/26/17
2	ISSUED FOR CONSTRUCTION	LLL	12/21/16
1	RE-ISSUED FOR TENDER	LLL	12/21/16
0	ISSUED FOR TENDER	LLL	12/16/16
A	ISSUED FOR OWNER REVIEW	LLL	12/13/16

Revisions

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Province of Manitoba
Professional Engineer
J.M. LORENOWICH
No. 2186
Date: June 26 2017

Client: Fisheries and Oceans Canada / Pêches et Océans Canada
SARNIA, ONTARIO

Project: SAR BOATHOUSE AND WORKSHOP
GIMLI, MANITOBA

Drawing: PLAN, SITE PLAN, DETAIL, GENERAL NOTES AND SPECIFICATIONS

Scale	AS NOTED
Designer	LLL/DF Date 12/16
Drafter	LLL Date 12/16
Checked by	JML Date 12/12/16
CAD File No.	2016083set.dwg Plot Scale FULL
Ref. No.	2016083 Drawing No. S-1 Rev. 3