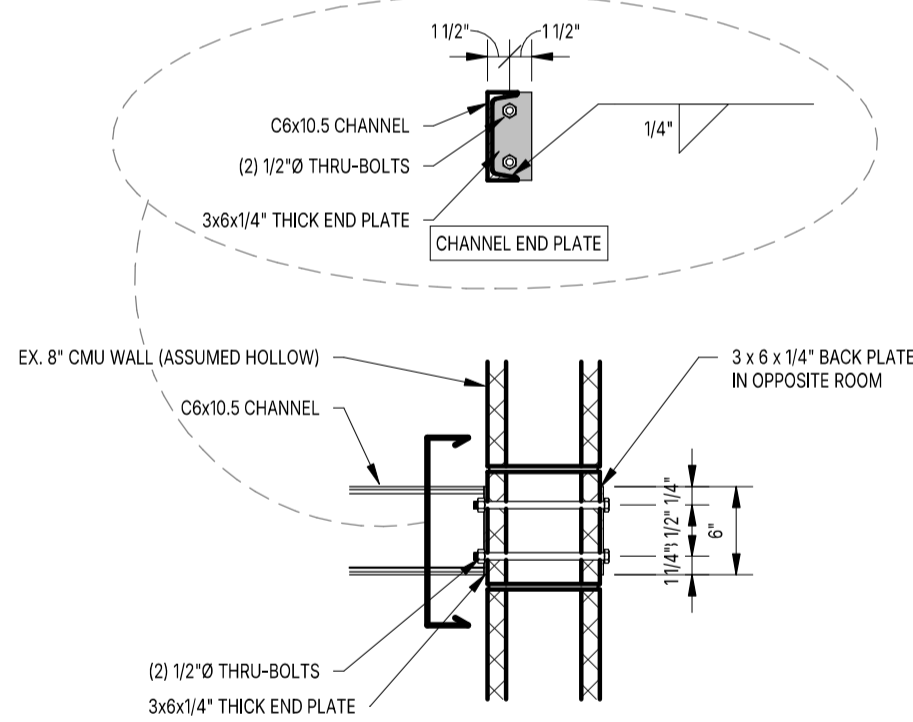
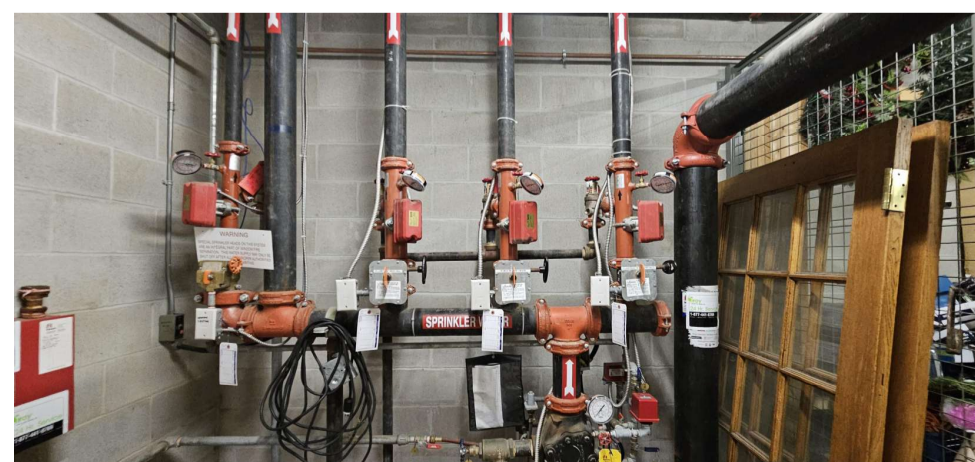


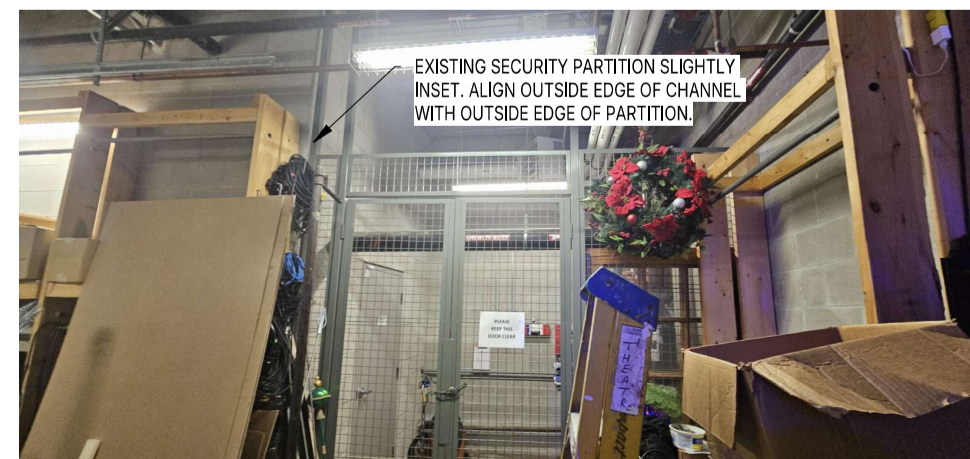
1 PLAN VIEW OF MEZZANINE
3/8" = 1'-0"



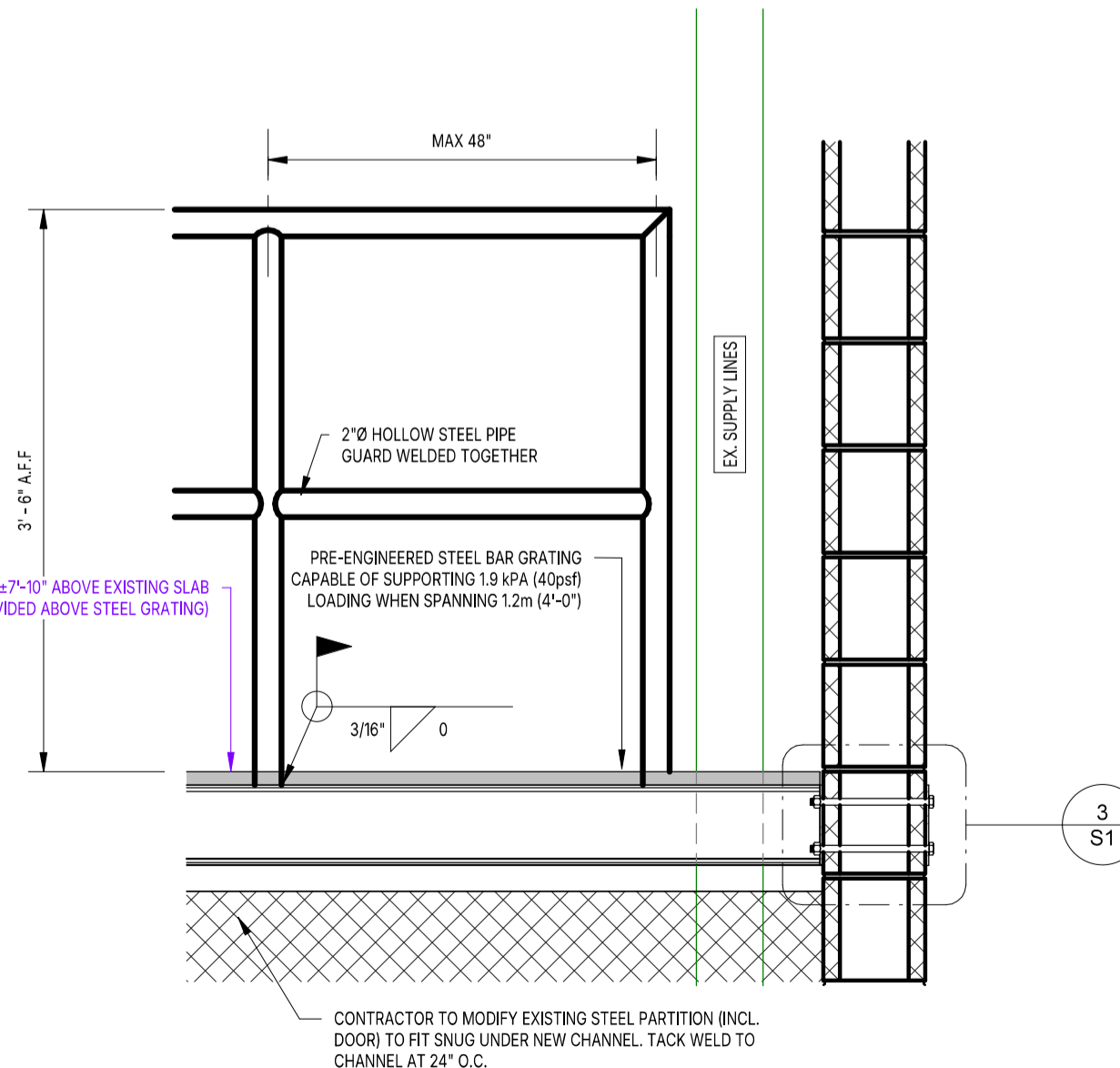
3 CHANNEL TO CMU CONNECTION
1" = 1'-0"



4 IMAGE OF EXISTING SUPPLY LINES
1" = 1'-0"



5 IMAGE OF EXISTING SECURITY PARTITION
1" = 1'-0"



2 PARTIAL ELEVATION
1" = 1'-0"

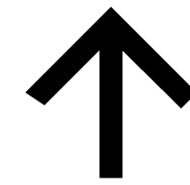
GENERAL NOTES

- ALL STANDARDS, MANUALS AND CODES REFERENCED IN THIS SET OF DRAWINGS REFER TO THE MOST RECENTLY IMPLEMENTED VERSION/EDITION.
- REFER ALSO TO NORTHSTAR ENGINEERING AND TECHNOLOGIES LTD PROJECT 06226 - TLDSB - BMLSS - BOOSTER PUMP REPLACEMENT DRAWINGS FOR COORDINATION (NORTHSTAR CONTACT: J. DAVID LONG, P.ENG. - DLONG@NSET.CA - 705-737-7333)
- FOR QUESTIONS OR CLARIFICATIONS ON SCHEDULE/LOGISTICS, CONTACT: DARREN LAMBERT OF TRILLIUM LAKELANDS DISTRICT SCHOOL BOARD (DARREN.LAMBERT@TLDSB.ON.CA) 1271 CEDAR LANE, BRACEBRIDGE, ON 1-888-526-5552
- ALL MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH THE ONTARIO BUILDING CODE (OBC).
- ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT OF ONTARIO.
- THE CONTRACTOR SHALL EXAMINE ALL DRAWINGS, CHECK ALL DIMENSIONS AND REPORT ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.
- NO PROVISION HAS BEEN MADE IN THE DESIGN FOR CONDITIONS OCCURRING DURING CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY BRACING AND SHORING REQUIRED TO RESIST STRESSES AND INSTABILITIES OCCURRING DURING CONSTRUCTION. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY BRACING AND SHORING REQUIRED TO SAFEGUARD ADJACENT STRUCTURES.
- DESIGN LOADS SHALL BE AS FOLLOWS (ALL LOADS ARE UNFACTORED):
MEZZANINE / WORK PLATFORM:
DECK LOADS
LIVE LOAD - 1.9 kPa (40 psf)
DEAD LOAD - 1.0 kPa (21 psf)
MECHANICAL EQUIPMENT - 4.1 kPa (924 lbf)

STRUCTURAL STEEL

- ALL NEW STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING GRADES AND STANDARDS:
 - CSA G40.21 TYPE 350W FOR HOT ROLLED SHAPES
 - CSA G40.21 TYPE 300W FOR PLATES
- FABRICATION, ERECTION AND WORKMANSHIP SHALL CONFORM TO CSA S16.
- ALL WELDING SHALL CONFORM TO CSA S16 AND W59, AND SHALL BE PERFORMED BY A FABRICATOR FULLY APPROVED UNDER CSA W47.1.
- ALL STEEL SHALL BE WELDED USING A MINIMUM OF 6 mm (1/4") CONTINUOUS FILLET OR GROOVE WELDS UNLESS NOTED OTHERWISE.
- ALL BOLTS, NUTS AND WASHERS FOR STRUCTURAL STEEL CONNECTIONS SHALL CONFORM TO ASTM F3125.
- ALL STEEL SHALL BE SHOP PRIMED.
- NO HOLES SHALL BE CUT IN STRUCTURAL STEEL WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.
- SPLICES IN STEEL MEMBERS OTHER THAN THOSE SHOWN ON THE DRAWINGS SHALL NOT BE PERMITTED.
- ALL STEEL EXPOSED TO THE ELEMENTS SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH CSA G164.
- ANY DAMAGE TO HOT-DIP GALVANIZING SHALL BE TOUCHED UP WITH 2 COATS OF ZINC RICH PAINT.

- THESE DRAWINGS MUST BE CHECKED BY THE CUSTOMER OR CONTRACTOR. ANY ERRORS OR OMISSIONS MUST BE REPORTED IN WRITING TO NORTH45 ENGINEERING PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- OWNER OR CONTRACTOR MUST CHECK AND VERIFY ALL SITE CONDITIONS BEFORE PROCEEDING WITH THE WORK.
- ALL DIMENSIONS SHOWN ON THESE DRAWINGS MUST BE CHECKED AGAINST ALL OTHER PROJECT DRAWINGS. ALL DISCREPANCIES MUST BE REPORTED TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK.
- FOR CONSTRUCTION PURPOSES, USE ONLY THE LATEST APPROVED DRAWINGS LABELED 'ISSUED FOR CONSTRUCTION'.
- DO NOT SCALE THE DRAWINGS.
- DIMENSIONS ARE TO THE INSIDE FACE OF STUD AND OUTSIDE FACE OF EXTERIOR FINISHED U.N.O.



REVISION SCHEDULE

No.	DESCRIPTION	DATE
1	FOR INITIAL COMMENT	MAR.26.26
2	PERMIT / TENDER	APR.07.26

Project Status:

PERMIT

Seal:



NORTH45

North45 Engineering
11 Wilshier Boulevard
Bracebridge, ON P1L 1K9
Tel: 705-644-1280
North45Engineering.com

Project:

BMLSS Domestic Water Pump Replacement

Address:

100 Clearbrook Trail, Bracebridge, ON

Project No:

26-056

Drawn By: ZP

Date: APR.2026

Chkd By: -

Scale: As indicated

Drawing No.:

S1

Revision:

2

MEZZANINE FRAMING