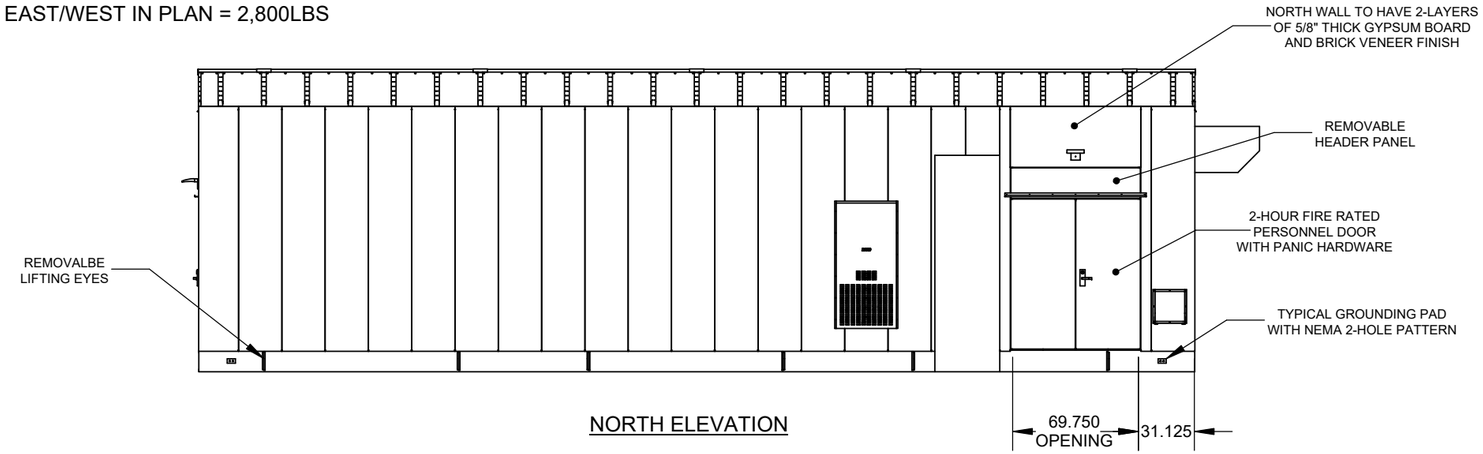
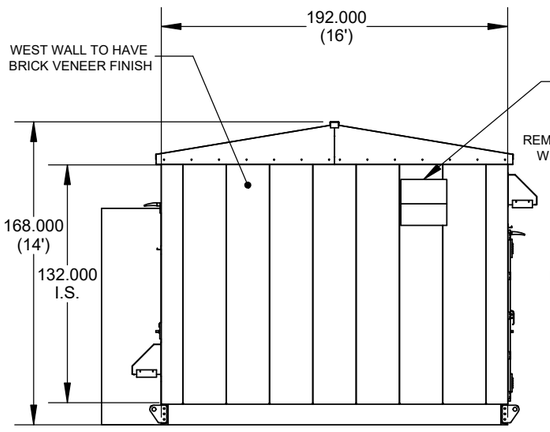
CONSTRUCTION AND DESIGN NOTES

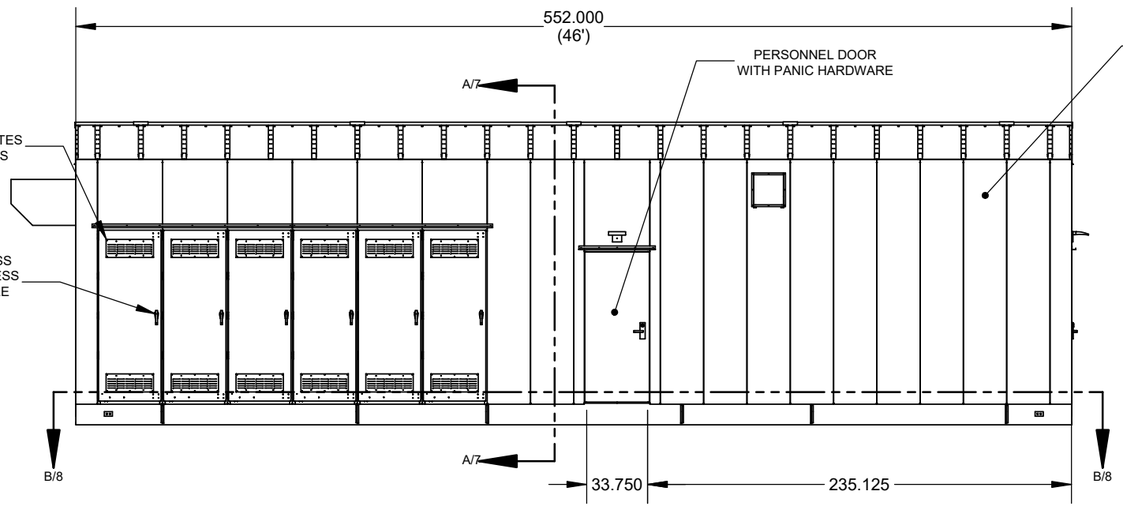
1. STRUCTURAL DESIGN/DETAILING OF FOUNDATIONS TO BE PROVIDED BY OTHERS.
2. MC 12X35 BASE MEMBERS TO BE CONTINUOUSLY SUPPORTED ON FOUNDATION.
3. STRUCTURAL DESIGN/DETAILING OF BASE FRAME CONNECTIONS TO FOUNDATIONS TO BE PROVIDED BY OTHERS.
4. TOTAL BASE SHEAR ASSOCIATED WITH THE MAIN WIND-FORCE RESISTING SYSTEM (UNFACTORED SERVICE LOADS):
   A. TOTAL BASE SHEAR WITH WIND LOADING NORTH/SOUTH IN PLAN = 7,200LBS
   B. TOTAL BASE SHEAR WITH WIND LOADING EAST/WEST IN PLAN = 2,800LBS



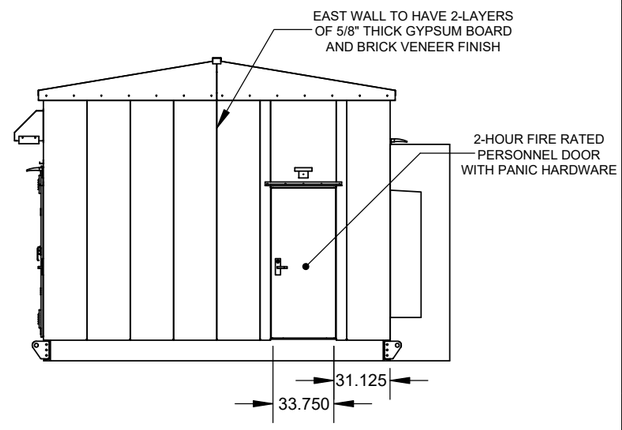
NORTH ELEVATION



WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION

The elevation dimensions for the switchgear building for the SPU East Sub on the Reliakor Second Addition Site will be identical to this drawing.

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
NAME: RICHARD W. JOHNSON
SIGNATURE:
DATE: 10/11/2022 REG. NUMBER: 23406
(FOR STRUCTURAL INFORMATION ONLY)

MISCELLANEOUS NOTES

BASE-
- -MC 12 X 35 CHANNEL EDGE MEMBERS
- -W 10 X 22 JOISTS
- -1/4" STEEL FLOOR PLATE

BUILDING FRAME-
- -3 X 3 X .125 TUBING

SHEETMETAL-
- -11 GA. GALVANEAL ROOF PANELS
- -11 GA. GALVANEAL WALL PANELS
- -16 GA. GALVANIZED INTERIOR WALL SKINS

INSULATION-
- -WALL:R-19
- -ROOF:R-30
- -BASE: R-11

PAINT-
- - EXTERIOR-ANSI 70 GRAY
- - INTERIOR-GALVANIZED
- - FLOOR-GREY SKID RESISTANT EPOXY

APPROXIMATE WEIGHT-
- - BUILDING: 54,000LBS
- - EQUIPMENT: 39,000LBS
- - TOTAL: 93,000LBS

REV. #	DATE	BY	REVISION DESCRIPTION
1	9/21/2022	ETR	UPDATED STRUCTURAL NOTES
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

CONSTRUCTION NOTES

VOLTAGE	-	CERTIFICATION	I.B.C
PHASE	-	ENCL. TYPE	BUILDING
WIRE	-	ENCL. MATERIAL	11-16 GA. GALV.
FREQUENCY	-	ENCL. PAINT	EXT: ANSI 70 | INT: GALV.
S.C. RATING	-	CONTROL WIRE TYPE	-
PHASE BUS	-	PT/CT WIRE SIZE	-
NEUTRAL BUS	-	CONTROL WIRE SIZE	-
BUS MATERIAL	-	WIRE LABELS	-
GND. BUS	-	EXT. LABELS	-

DRAWN DATE	DRAWN BY	CHECK BY
7/29/2022	ETR	JRS

ENGINEER
LEIDOS ENGINEERING

CONTRACTOR
-

DISTRIBUTOR
-

JOB NAME
WEST SHAKOPEE SUBSTATION
CONTROL BUILDING
SHAKOPEE, MN

SHEET TITLE
WALK-IN SWITCHGEAR BUILDING
WIE-3R-240-250-CU-0-0
ELEVATION DRAWING

STATES MANUFACTURING

SERIAL NUMBER	DRAWING TYPE	SHEET
SE22-75850	ELB	1
ORDER NUMBER		SCALE
075850-1-1		NA

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