

H:\Drawings\Port Ewen\PE_1_GHTING_FIRST_FLOOR 6.7.23.dwg



GROUNDING PLAN
1/8" = 1'-0"

NOTES

- 1) THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL COMPONENTS OF THE GROUNDING SYSTEM.
- 2) THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL FIVE (5) GROUND RODS UNDER THE GENERATOR SLAB AND TIE THEM TO THE GROUND GRID.

LEGEND

- NEW #4/0 AWG GROUND GRID EXOTHERMIC CONNECTION TO BUILDING FOUNDATION REINFORCING BAR
- NEW #4/0 AWG MAIN GROUND GRID CONDUCTOR BELOW GRADE (BURY 30" BELOW GRADE THROUGHOUT)
- 3/4"x 10' COPPER CLAD GROUND ROD WITH EXOTHERMIC CONNECTION TO MAIN GROUND GRID CONDUCTOR
- GROUND GRID RISER CONDUCTOR THROUGH SLAB FOR CONNECTION TO COLUMN, EQUIPMENT, ETC.
- EXOTHERMIC CONNECTION BETWEEN GROUND GRID CONDUCTOR



WARNING: IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 2209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW, SECTION 2209.2.

DATE: 6/29/23
DRAWN BY: AA
SCALE: AS SHOWN
REVIEWED BY: AA
PROJECT NO.: 212943
FILE:



REVISIONS		DESCRIPTION
NO.	DATE	CONSTRUCTION
1	6/16/23	

PORT EWEN FIRE
DEPARTMENT
ULSTER COUNTY, NY

GROUNDING PLAN

SHEET:
E104

BID PLANS