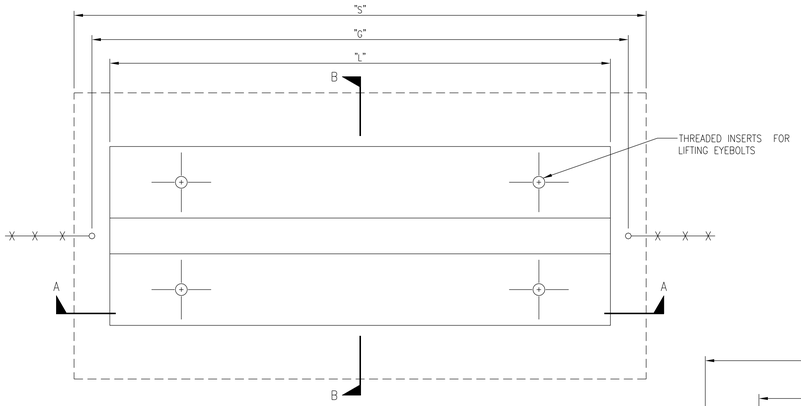
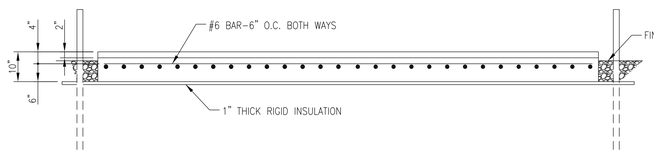
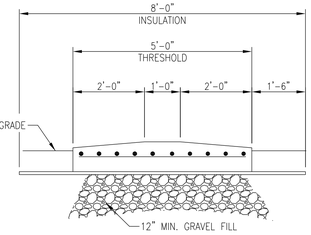



PLAN




SECTION A–A

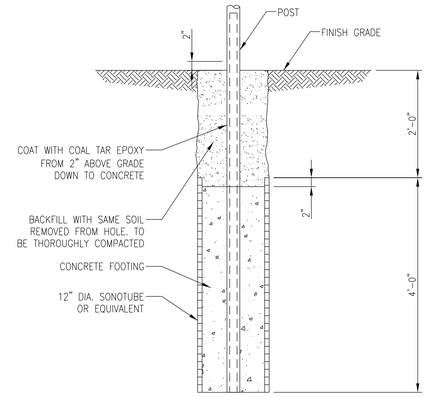



SECTION B–B

| "G" | "L" | "S" | | | |
|---|---|---|---|---|---|
| GATE WIDTH (FT.) | LENGTH (FT.) | INSULATION (FT.) | CONCRETE VOLUME (CU YDS) | REBAR (FT.) | THRESHOLD WEIGHT (LBS.) |
| 20 | 19 | 22 | 2.70 | 337 | 10350 |

NOTES:
1. CHAMFER ALL EXPOSED EDGES 1".
2. 2" MINIMUM COVER ALL GRADE 60 REBAR.
3. CONCRETE SHALL BE MINIMUM 4000 P.S.I. AT 28 DAYS.
4. RIGID INSULATION: EXTRUDED POLYSTYRENE INSULATING BOARD CONFORMING TO AASHTO M230, TYPE V.

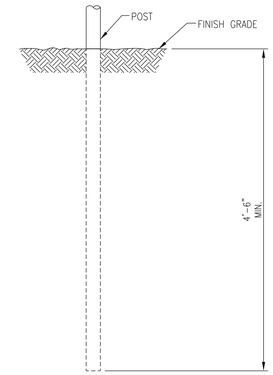
## SUBSTATION GATE CONCRETE THRESHOLD DETAIL
NOT TO SCALE




| POST USE | GATE | CORNER | END |
|---|---|---|---|
| N.P.S. (INCHES) | 4 | 2½ | 2½ |
| SONOTUBE SIZE (INCHES) | 12 | 12 | 12 |

NOTES:
1. ALL POST ARE NOMINAL PIPE SIZE (N.P.S.), SCH. 40, GALVANIZED STEEL.
2. DO NOT OVERFILL SONOTUBE.

## GATE, END, & CORNER POST CONCRETE FOOTING DETAIL
NOT TO SCALE




| POST USE | LINE |
|---|---|
| N.P.S. (INCHES) | 2 |

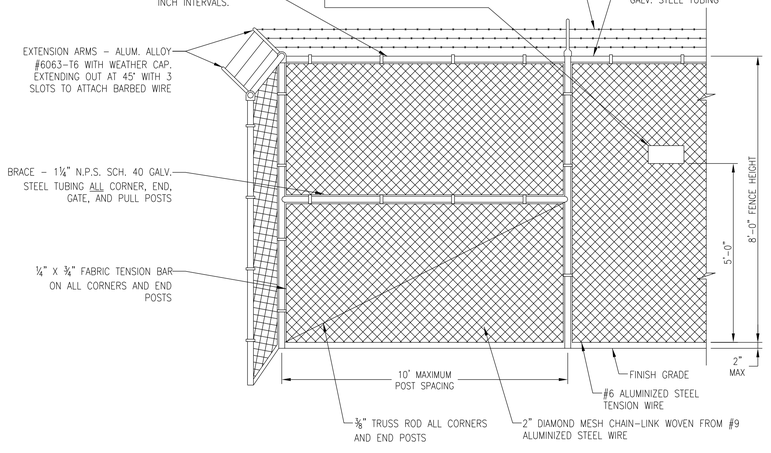
NOTES
1. ALL POSTS ARE NOMINAL PIPE SIZE (N.P.S.), SCHEDULE 40. GALVANIZED STEEL.
2. POSTS SHALL BE DRIVEN TO MINIMUM DEPTH SHOWN, WHERE THIS CAN NOT BE ACHIEVED BECAUSE OF ROCK/REFUSAL, A CONCRETE FOOTING SHALL BE INSTALLED PER GATE, END, & CORNER POST CONCRETE FOOTING DETAIL.

## LINE POST DETAIL
NOT TO SCALE

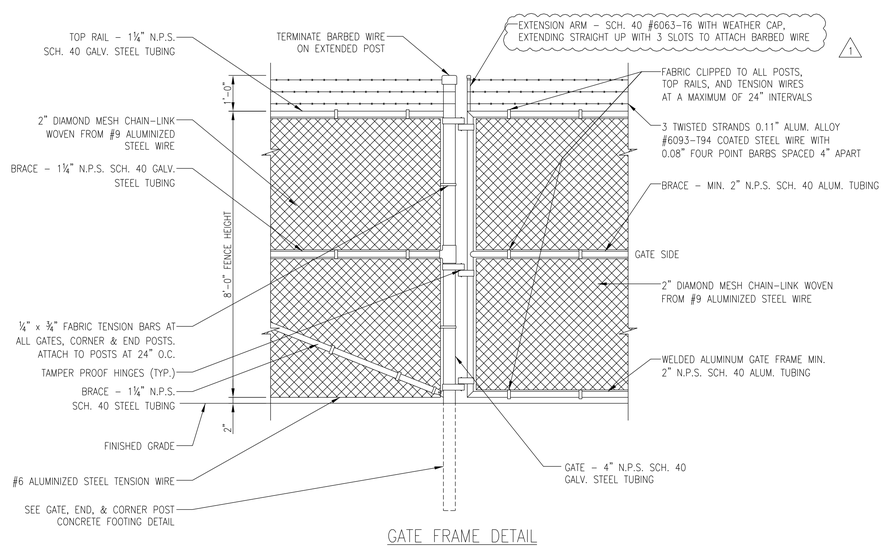
WARNING SIGNS ARE TO BE CONSPICUOUSLY MOUNTED ON OUTSIDE OF FENCES

–ONE "DANGER HIGH VOLTAGE" SIGN AT EACH SUBSTATION ENTRANCE
–ONE "CAUTION ENERGIZED LINES OVERHEAD" SIGN AT EACH VEHICLE ENTRANCE

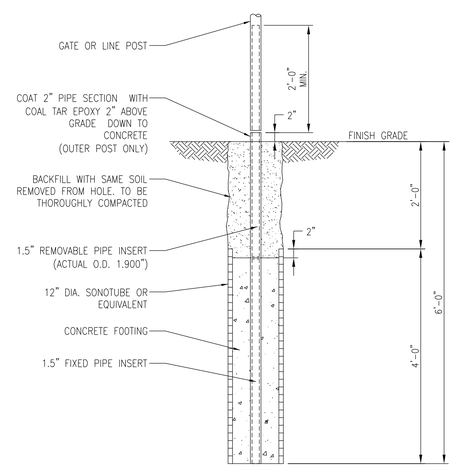
–ONE "DANGER HIGH VOLTAGE" SIGN
–SIGNS NO MORE THAN 50 FEET APART ON EACH SIDE OF THE SUBSTATION




## MATERIAL AND STRUCTURAL DETAILS
NOT TO SCALE




## GATE FRAME DETAIL
NOT TO SCALE




NOTES:
1. ALL POST AND PIPE SIZES ARE NOMINAL PIPE SIZE SCH. 40.
2. POST AND PIPE INSERTS TO BE GALVANIZED STEEL.
3. DO NOT OVERFILL SONOTUBE.
4. SS40 PIPE NOT ACCEPTABLE FOR THIS APPLICATION.

## REMOVABLE POST & FOOTING DETAIL
NOT TO SCALE

This document and any attachments are considered:
**BUSINESS CONFIDENTIAL**
**PROTECTED CRITICAL INFRASTRUCTURE INFORMATION**

REFERENCE DRAWINGS

| NO. | REVISION | DATE | BY | CK | P. E. STAMPED BY | P. E. No. |
|---|---|---|---|---|---|---|
| 1 | AS–BUILT DRAWING 2012 CONST | 06/04/12 | TRC | TRC | AJW | 11173 |
| 0 | IFC ISSUE FOR CONST 2011 | 10/21/11 | TRC | TRC | AJW | 11173 |

Professional Engineer Seal

DESIGNED TRC/AJW
DRAWN TRC/SDT
CHECKED TRC/AJW
APPROVED
REVIEWED

# FENCE DETAILS

## BISHOP ST. S/S

PORTLAND MAINE

CENTRAL MAINE POWER COMPANY
SYSTEM ENGINEERING
CENTRAL MAINE POWER
DATE: 06/03/2011
SCALE: AS NOTED

520–6–7
REV 1

Reviewed for Code Compliance
Inspection Division
Date: 02/24/17

ENGINEERING CONSULTANT – LOGO – ADDRESS

THIS DRAWING SHALL BE REVISED ON THE CADD SYSTEM ONLY

| NO. | REVISION | DATE | BY | CK | P.E. |
|---|---|---|---|---|---|