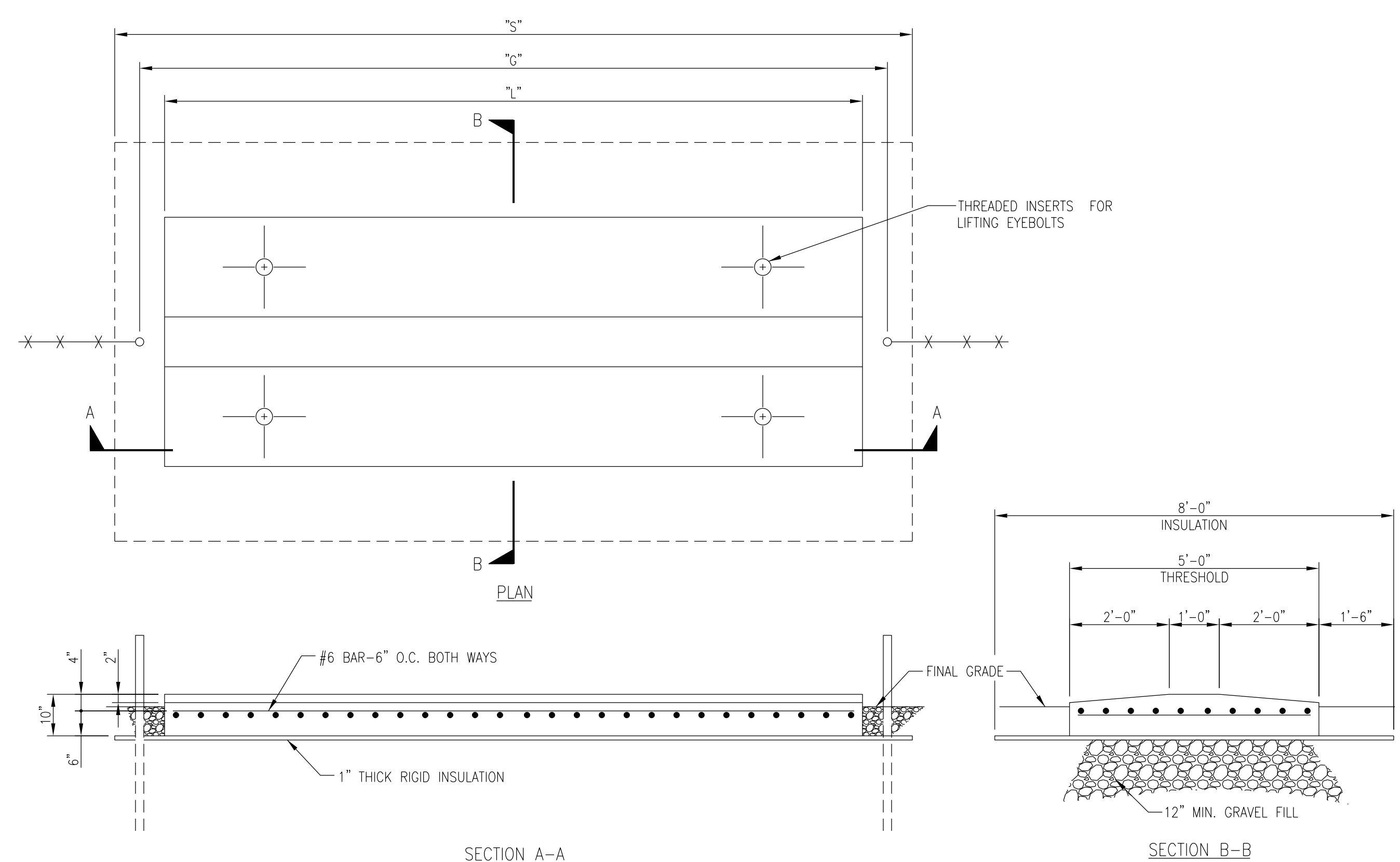


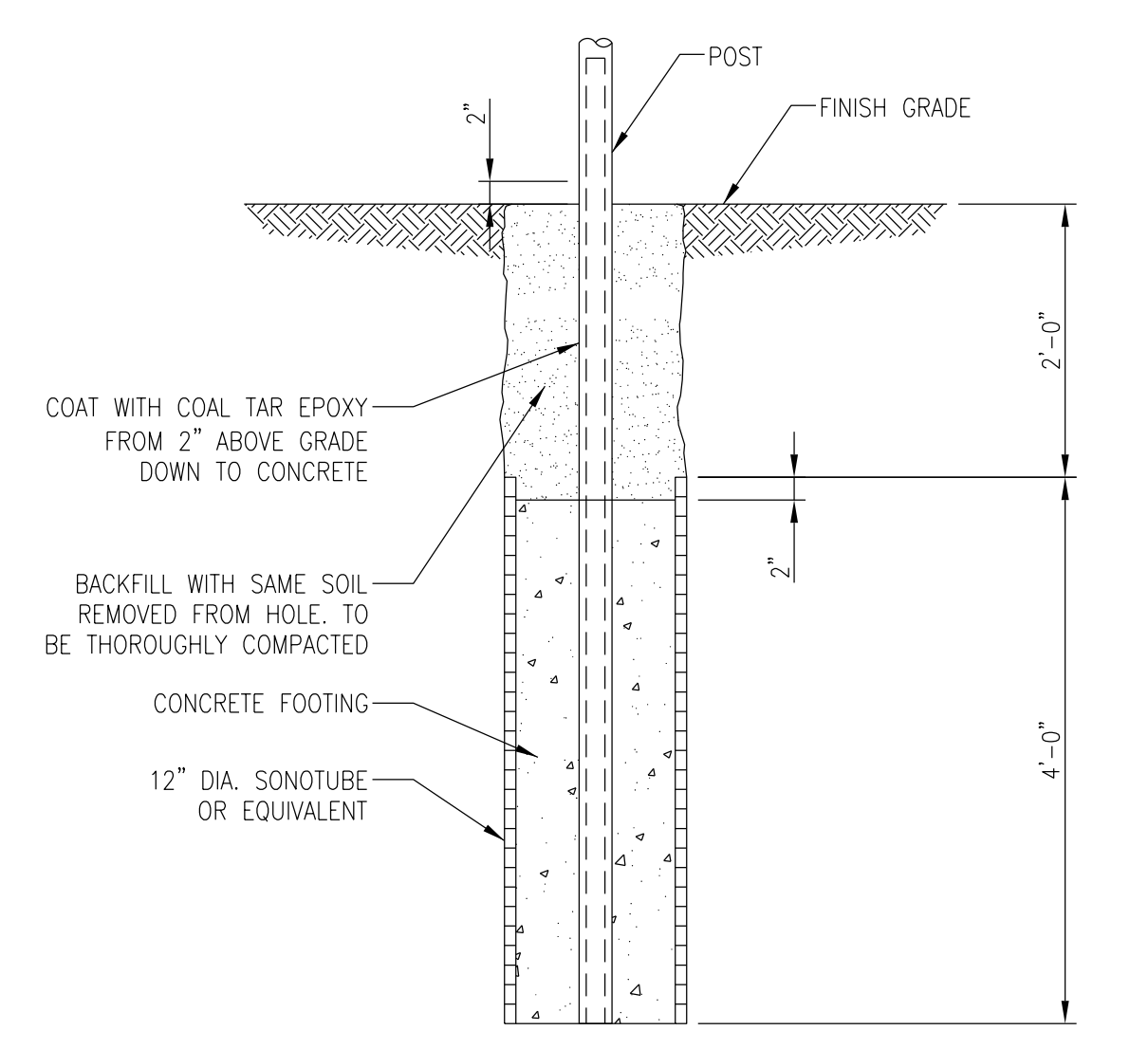
NO.	REVISION	DATE	BY	CK	P.E.



"6"	"1"	"8"	CONCRETE VOLUME (CU YDS)	REBAR (FT.)	THRESHOLD WEIGHT (LBS.)
20	19	22	2.70	337	10350

SECTION A-A
SECTION B-B
SUBSTATION GATE CONCRETE THRESHOLD DETAIL
NOT TO SCALE

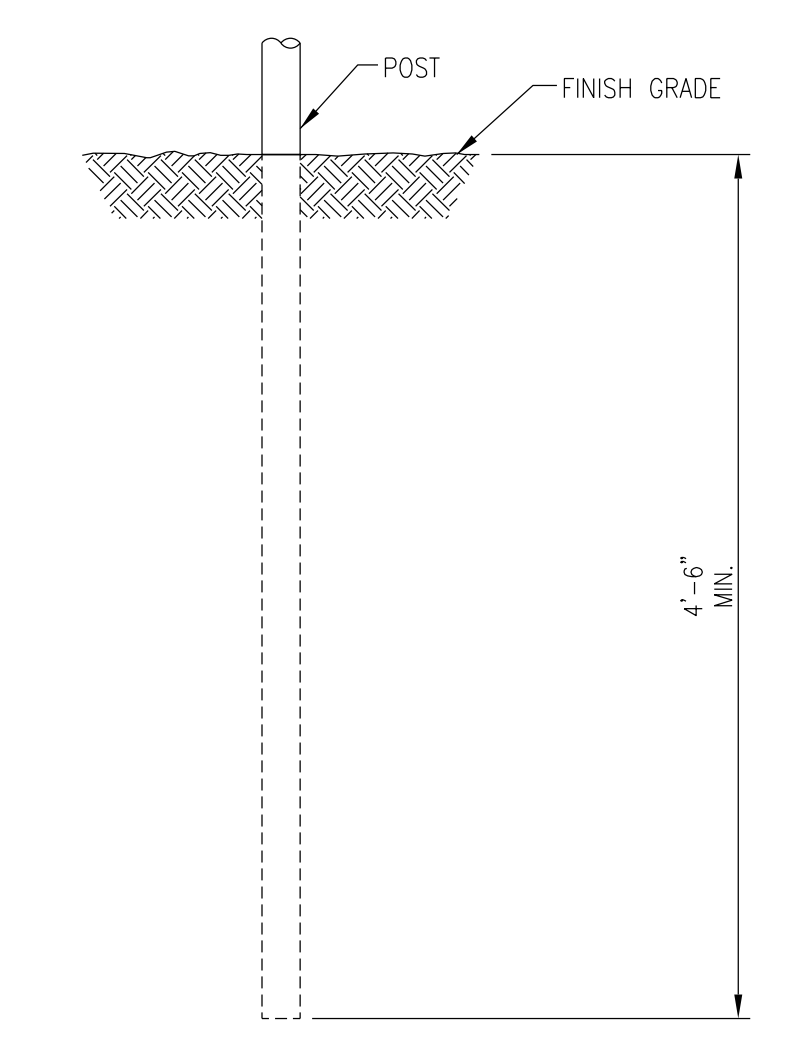
- NOTES:
 1. CHAMFER ALL EXPOSED EDGES 1".
 2. 2" MINIMUM COVER ALL GRADE 60 REBAR.
 3. CONCRETE SHALL BE MINIMUM 4000 P.S.I. AT 28 DAYS.
 4. RIGID INSULATION: EXTRUDED POLYSTYRENE INSULATING BOARD CONFORMING TO AASHTO M230, TYPE V.



POST USE	GATE	CORNER	END
N.P.S. (INCHES)	4	2 1/2	2 1/2
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



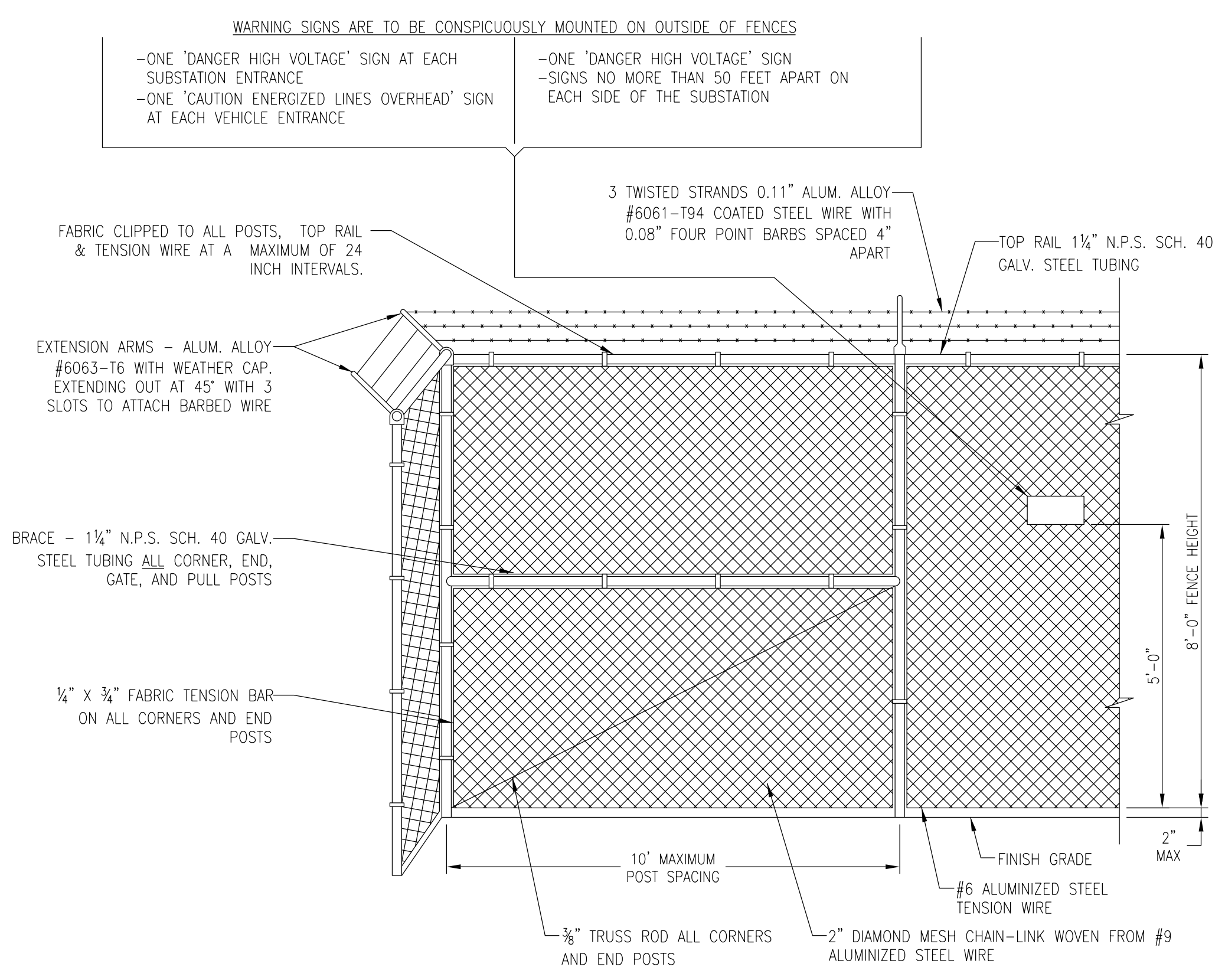
POST USE	LINE
N.P.S. (INCHES)	2

- 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.

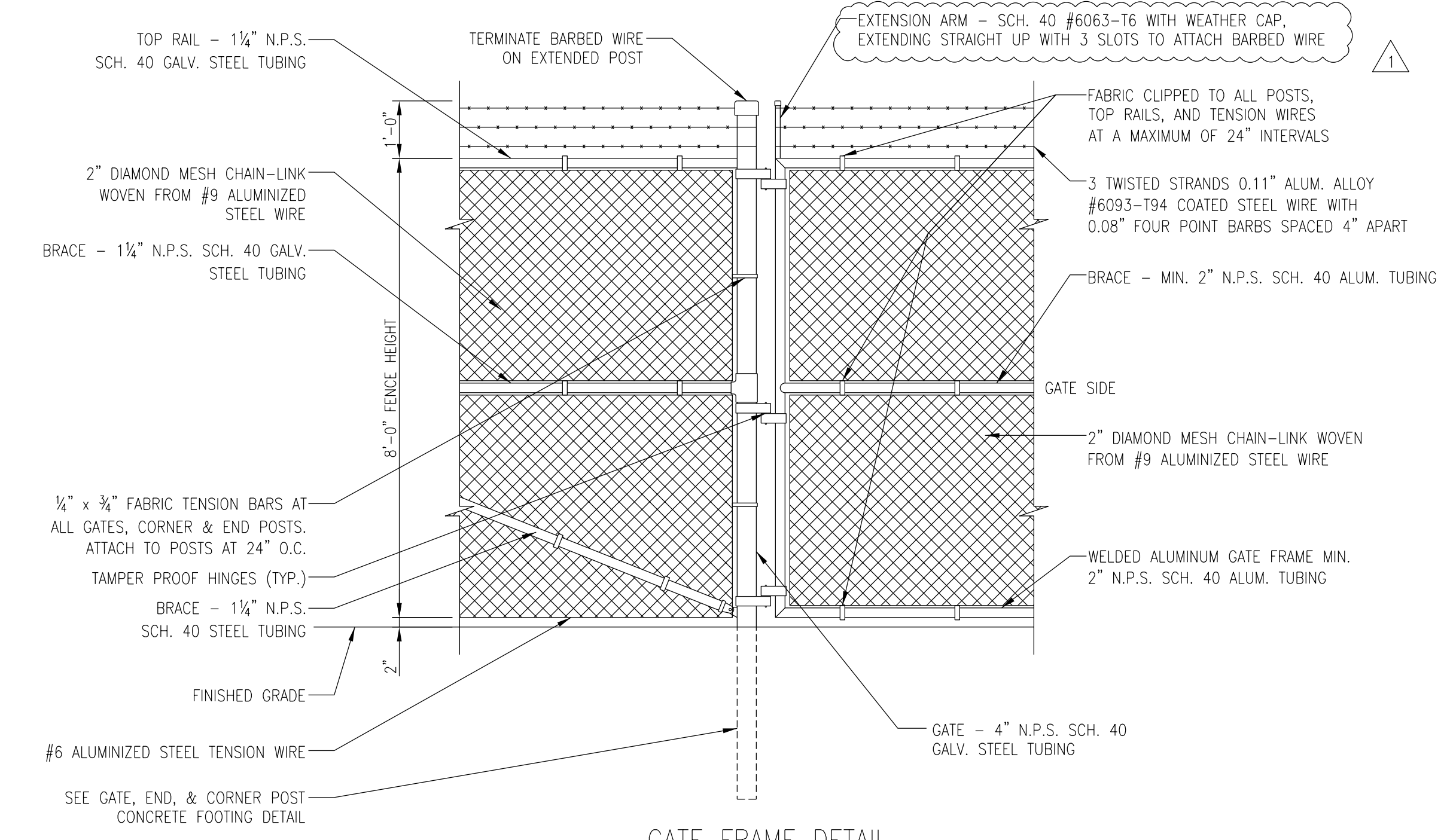
LINE POST DETAIL
NOT TO SCALE

ENGINEERING CONSULTANT - LOGO - ADDRESS

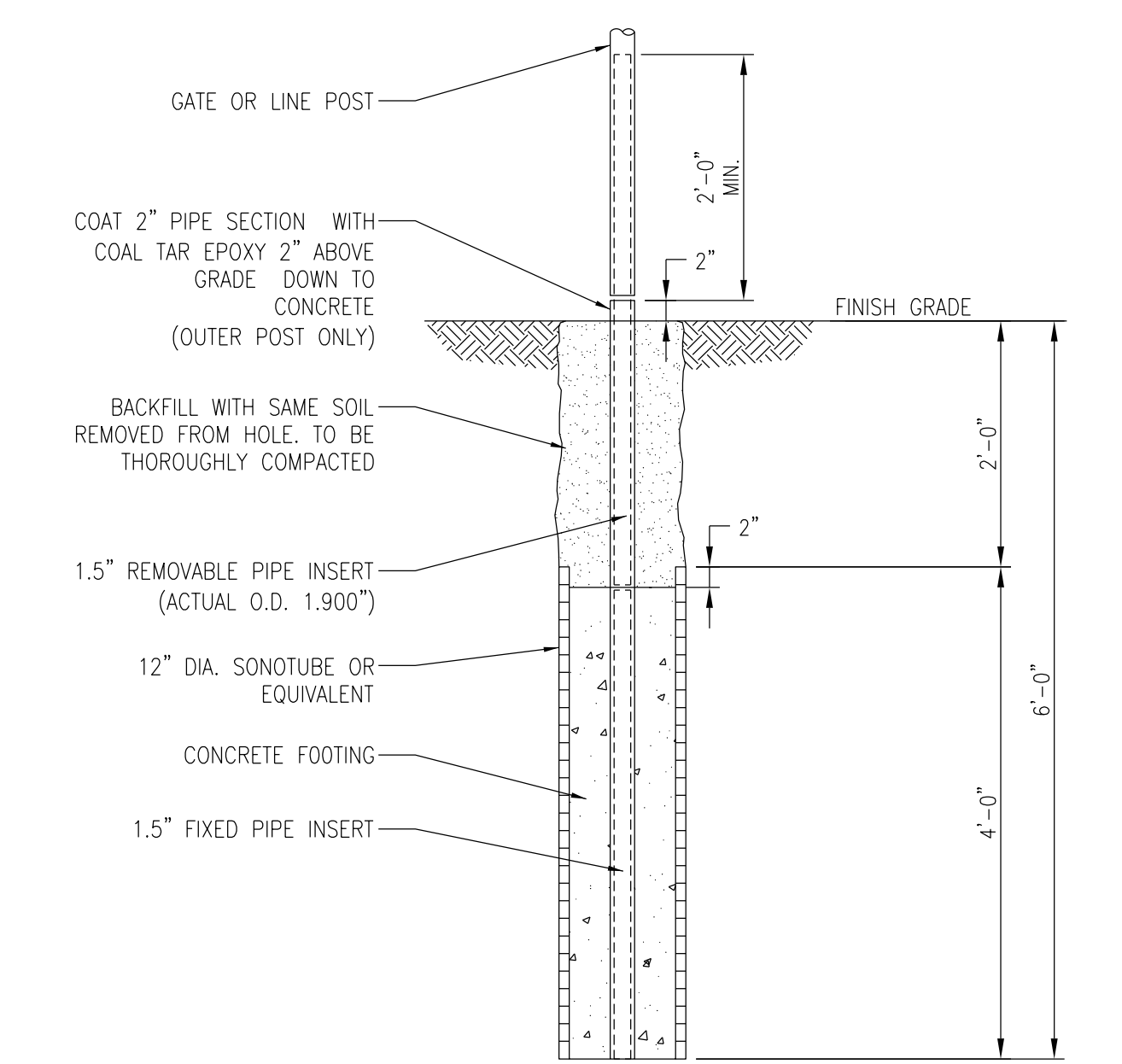
THIS DRAWING SHALL BE REVISED ON THE CADD SYSTEM ONLY



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

NO.	REVISION	DATE	BY	CK	P. E. STAMPED BY	P. E. No.	Professional Engineer Seal
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	

DESIGNED TRC/AJW
 DRAWN TRC/SOI
 CHECKED TRC/AJW
 APPROVED

PORTLAND MAINE

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

BISHOP ST. S/S

520-6-7
REV 1