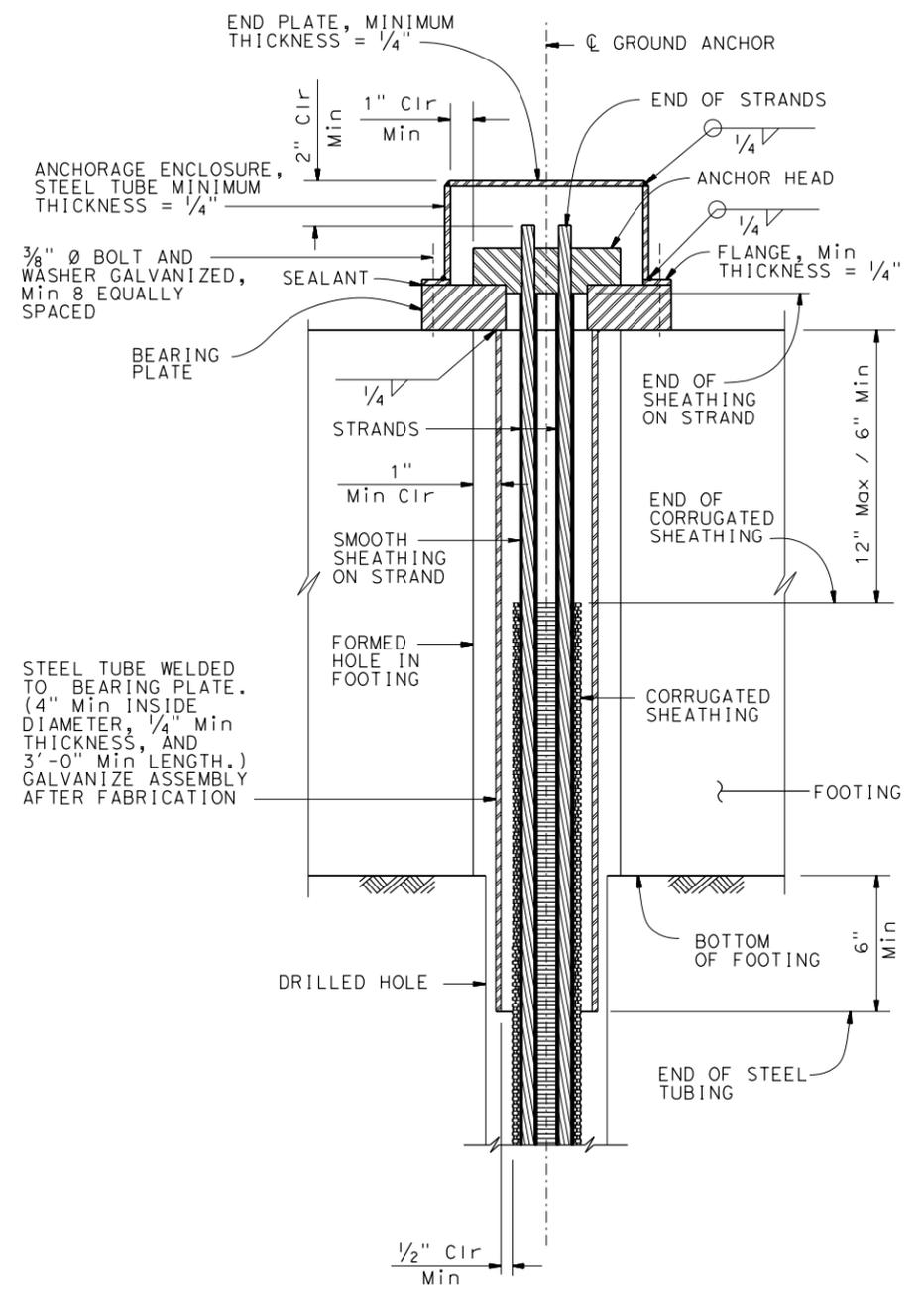
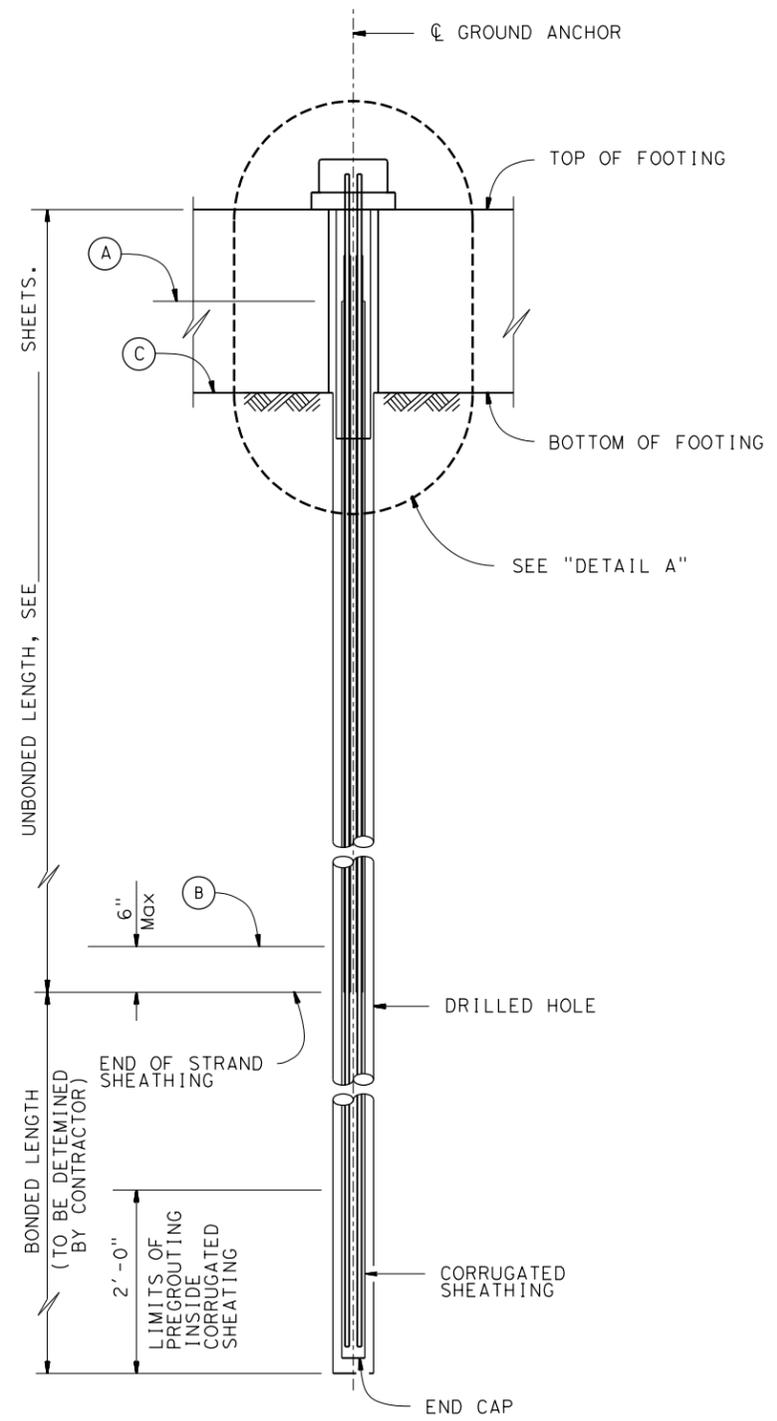
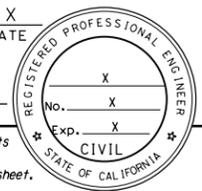


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
X	X	X	X	X	X

REGISTERED CIVIL ENGINEER	DATE
	X

PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



DETAIL A
3" = 1'-0"

GENERAL NOTES

DESIGN: AASHTO LRFD Bridge Design Specifications, 4th edition with California Amendments.

PRESTRESSING STEEL (GROUND ANCHORS):

STRANDS - ASTM Designation: A416
 Tp = Factored test load per tendon (Kips)
 fpu = Minimum tensile strength of prestressing steel (ksi)

As = Minimum cross sectional area of prestressing steel in tendon (square inches)

$$A_s (\text{Min}) = \frac{1.0 T_p}{0.75 f_{pu}} \quad (\text{Strand})$$

NOTES:

1. Anchorage enclosure shall have provisions to allow injecting grout at low end and venting at high end. Galvanize enclosure after fabrication.
2. Alternative anchor enclosure shown on sheet "VERTICAL GROUND ANCHOR DETAILS No. 2" sheet

- (A) Level of initial grouting inside corrugated sheathing
- (B) Level of initial grouting in drilled hole
- (C) Level of secondary grouting in drilled hole

GROUND ANCHOR TENDON DETAILS (STRANDS)
1" = 1'-0"

STANDARD DRAWING
FILE NO. xs12-030-1
APPROVAL DATE July 2014

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE NO.	X
		POST MILE	X
		VERTICAL GROUND ANCHOR DETAILS No. 1	

X	
REVISION DATES	SHEET OF
6-26-14	X X