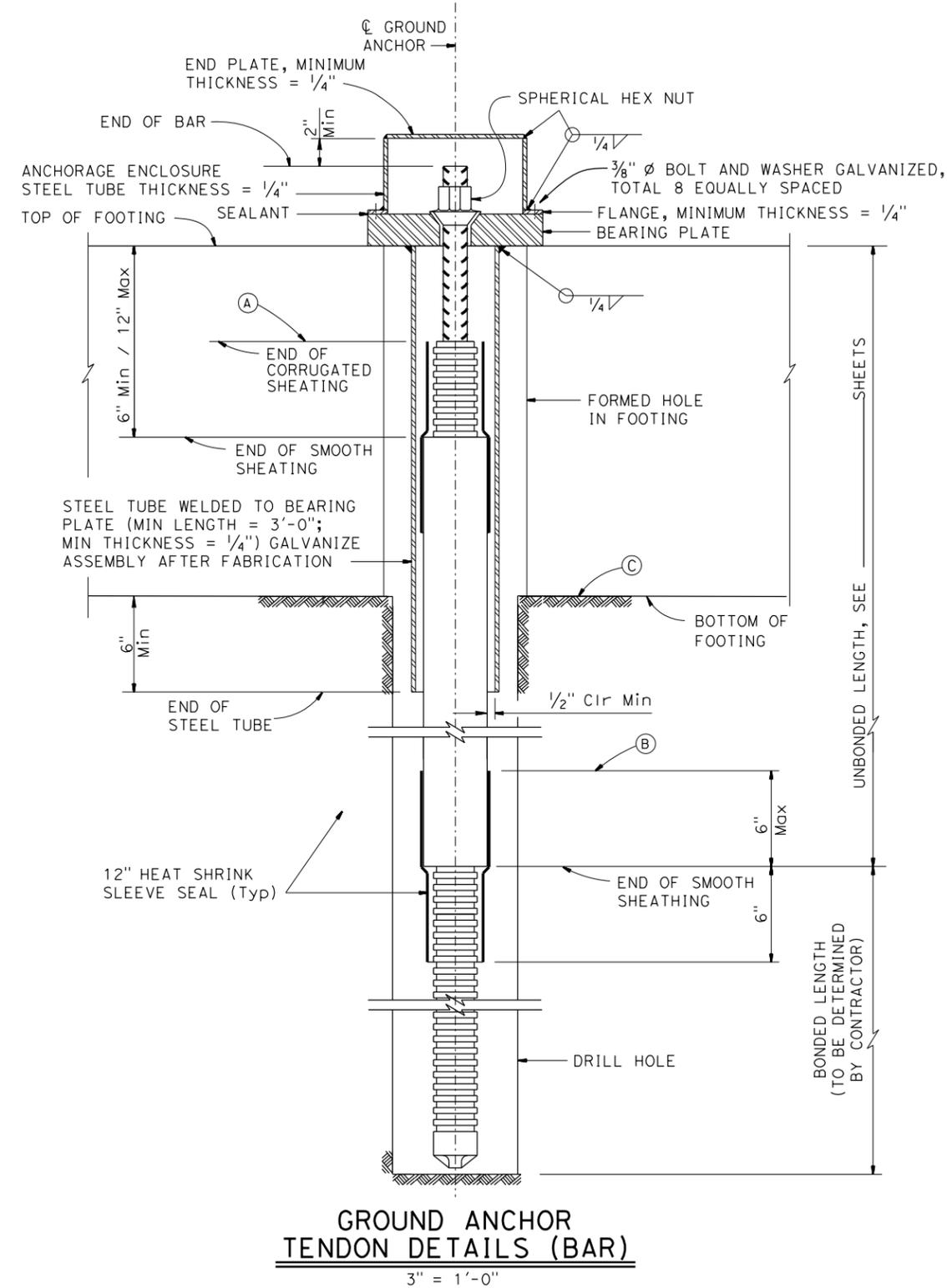
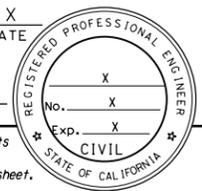


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
X	X	X	X	X	X

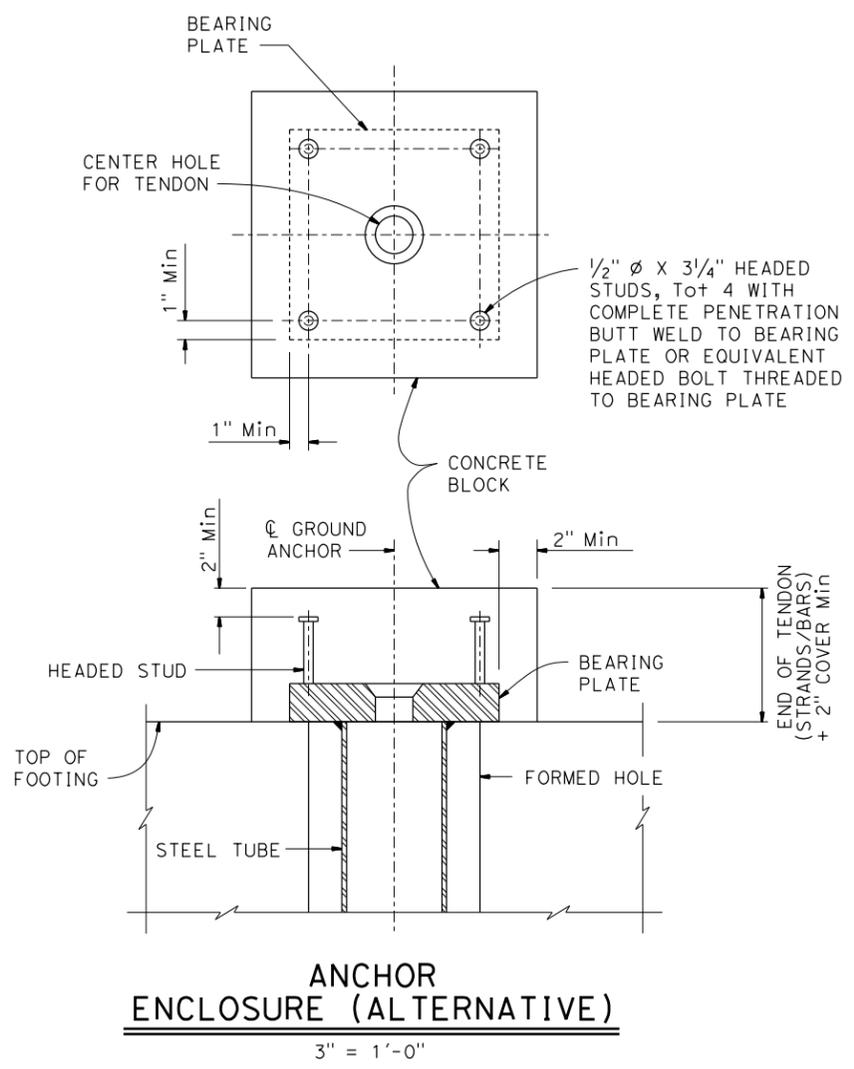
REGISTERED CIVIL ENGINEER	DATE
X	X

PLANS APPROVAL DATE
X

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GROUND ANCHOR TENDON DETAILS (BAR)
3" = 1'-0"



ANCHOR ENCLOSURE (ALTERNATIVE)
3" = 1'-0"

GENERAL NOTES

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

PRESTRESSING STEEL (GROUND ANCHORS):

BARS - ASTM Designation: A722 Type II
 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)

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

NOTES:

Anchorage enclosure shall have provision to allow injecting grout at low end and venting at high end. Galvanize enclosure after fabrication.

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

STANDARD DRAWING	
FILE NO. xs12-030-2	APPROVAL DATE July 2014

STATE OF CALIFORNIA	
DEPARTMENT OF TRANSPORTATION	

DIVISION OF ENGINEERING SERVICES	
BRIDGE NO.	X
POST MILE	X

X	
VERTICAL GROUND ANCHOR DETAILS No. 2	