

GENERAL NOTES
LOAD AND RESISTANCE FACTOR DESIGN

DESIGN:
AASHTO LRFD Bridge Design Specifications,
2017 edition with California Amendments
updated June 2024

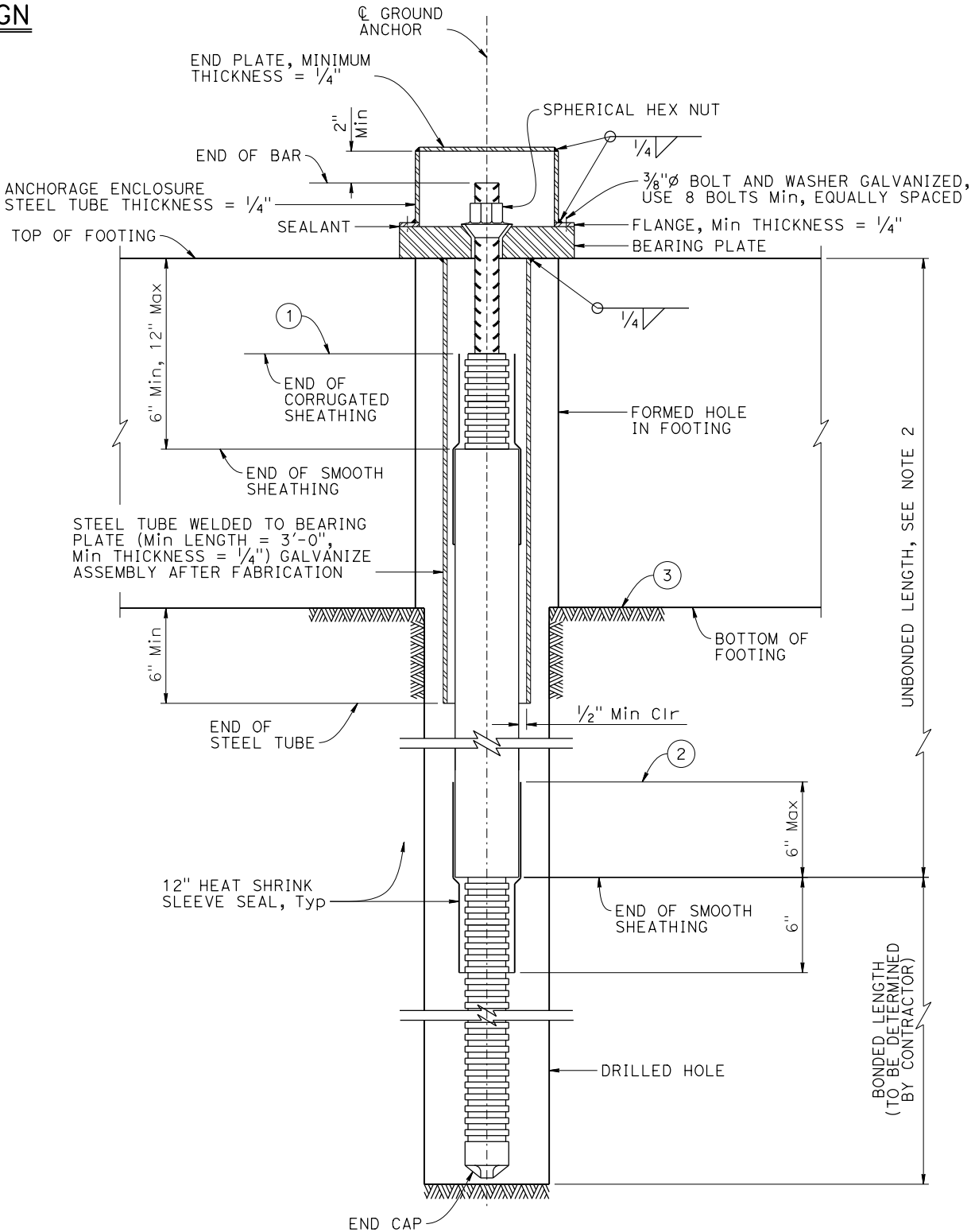
PRESTRESSING STEEL (GROUND ANCHORS):

BARS - $f_{pu} = 150$ ksi
 P_{TL} = Test load per tendon (kips)
 f_{pu} = Minimum tensile strength of
prestressing steel (ksi)
 A_s = Minimum cross sectional area of
prestressing steel in tendon (in.²)
 A_s (Min) = $\frac{1.0 P_{TL}}{0.75 f_{pu}}$ (Bars)

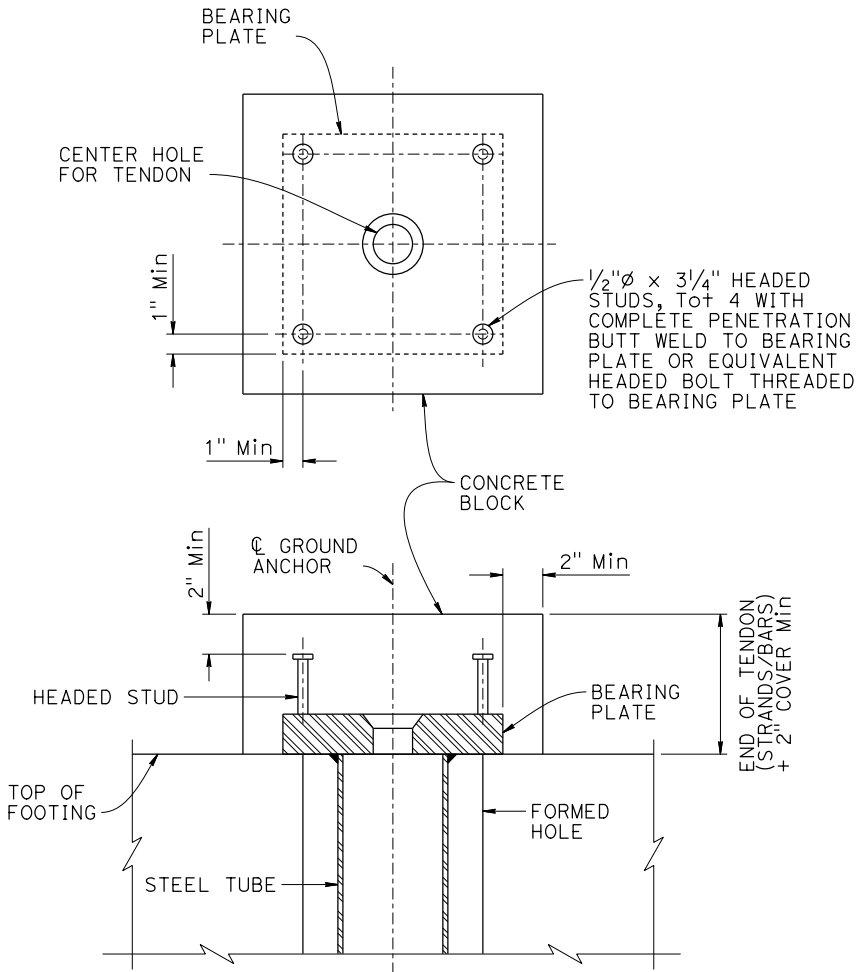
NOTES:

1. Anchorage enclosure shall have provisions
to allow injecting grout at low end and
venting at high end. Galvanize enclosure
after fabrication.
2. For A_s , P_{TL} and unbonded tendon length, see
Project Plans elsewhere.

- ① Level of initial grouting inside corrugated
sheathing
② Level of initial grouting in drilled hole
③ Level of secondary grouting in drilled hole



GROUND ANCHOR TENDON DETAILS (BAR)



ANCHOR ENCLOSURE (ALTERNATIVE)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
REGISTERED CIVIL ENGINEER			X DATE		
PLANS APPROVAL DATE					
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REGISTERED PROFESSIONAL ENGINEER

No. X

Exp. X

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