

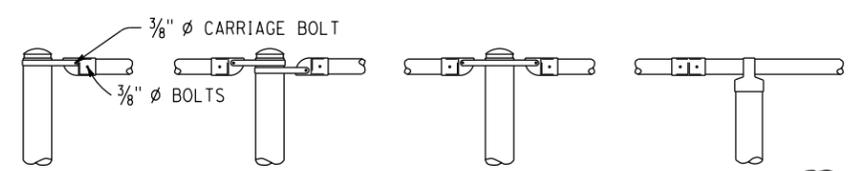
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
X	X	X	X	X	X

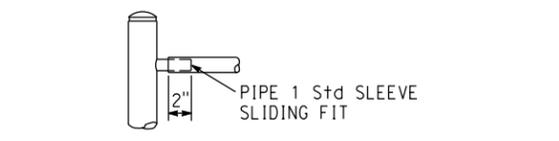
REGISTERED CIVIL ENGINEER	X	DATE
PLANS APPROVAL DATE		

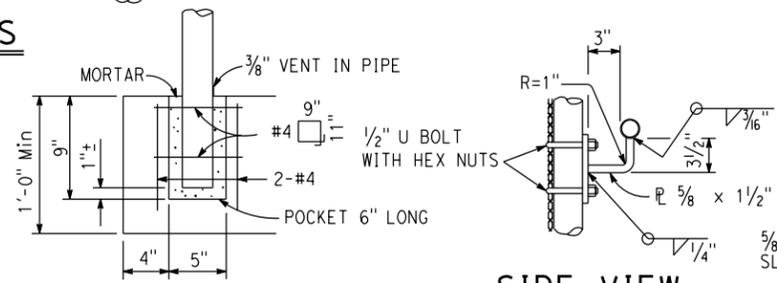
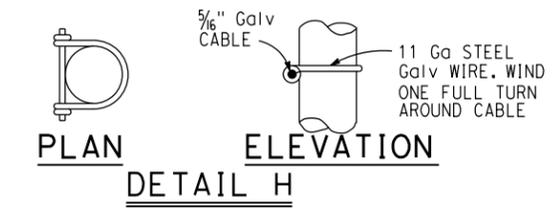
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**ALTERNATIVE DETAILS**

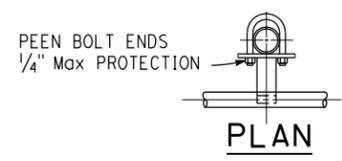


**TYPICAL DETAILS**

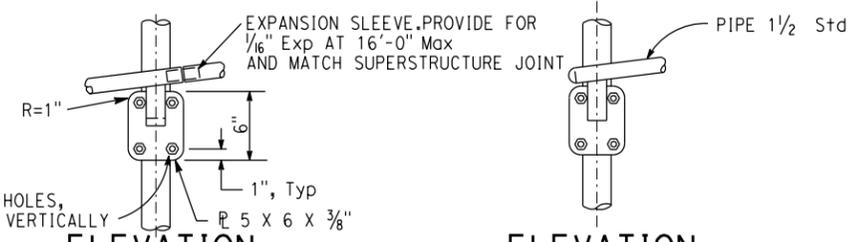


**ALTERNATIVE ANCHORAGE DETAIL**

MAY BE USED WHEN THICKNESS OF CONCRETE IS 1'-0" OR MORE

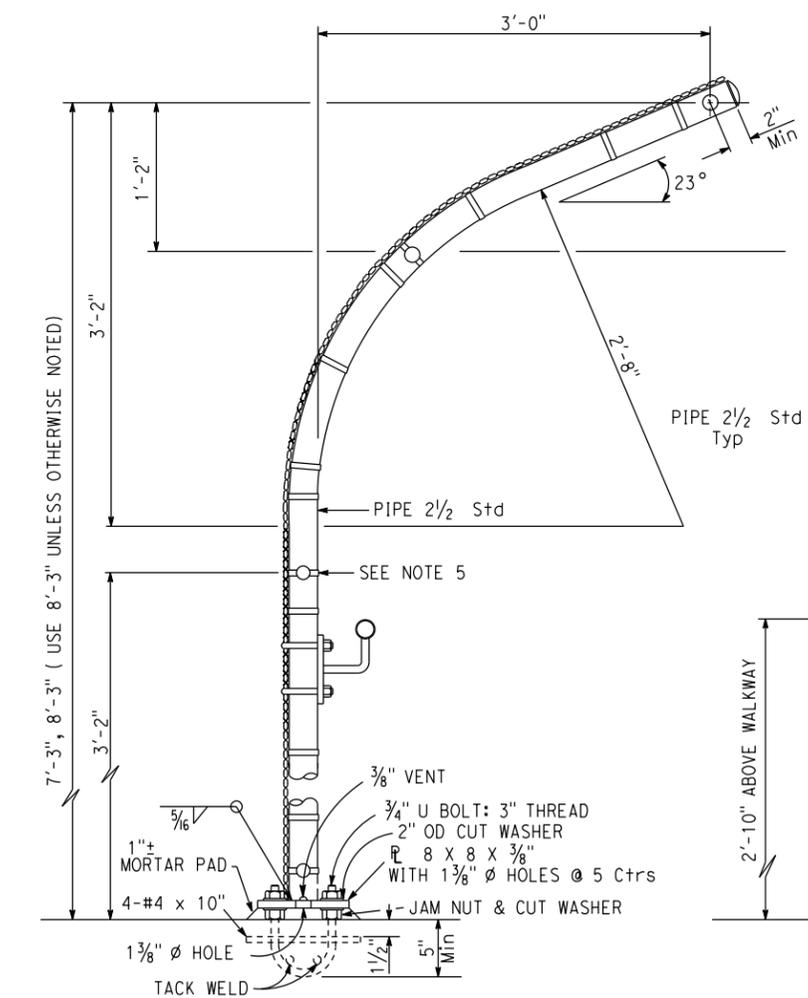


**SIDE VIEW**  
**PIPE HANDRAILING BRACKET**

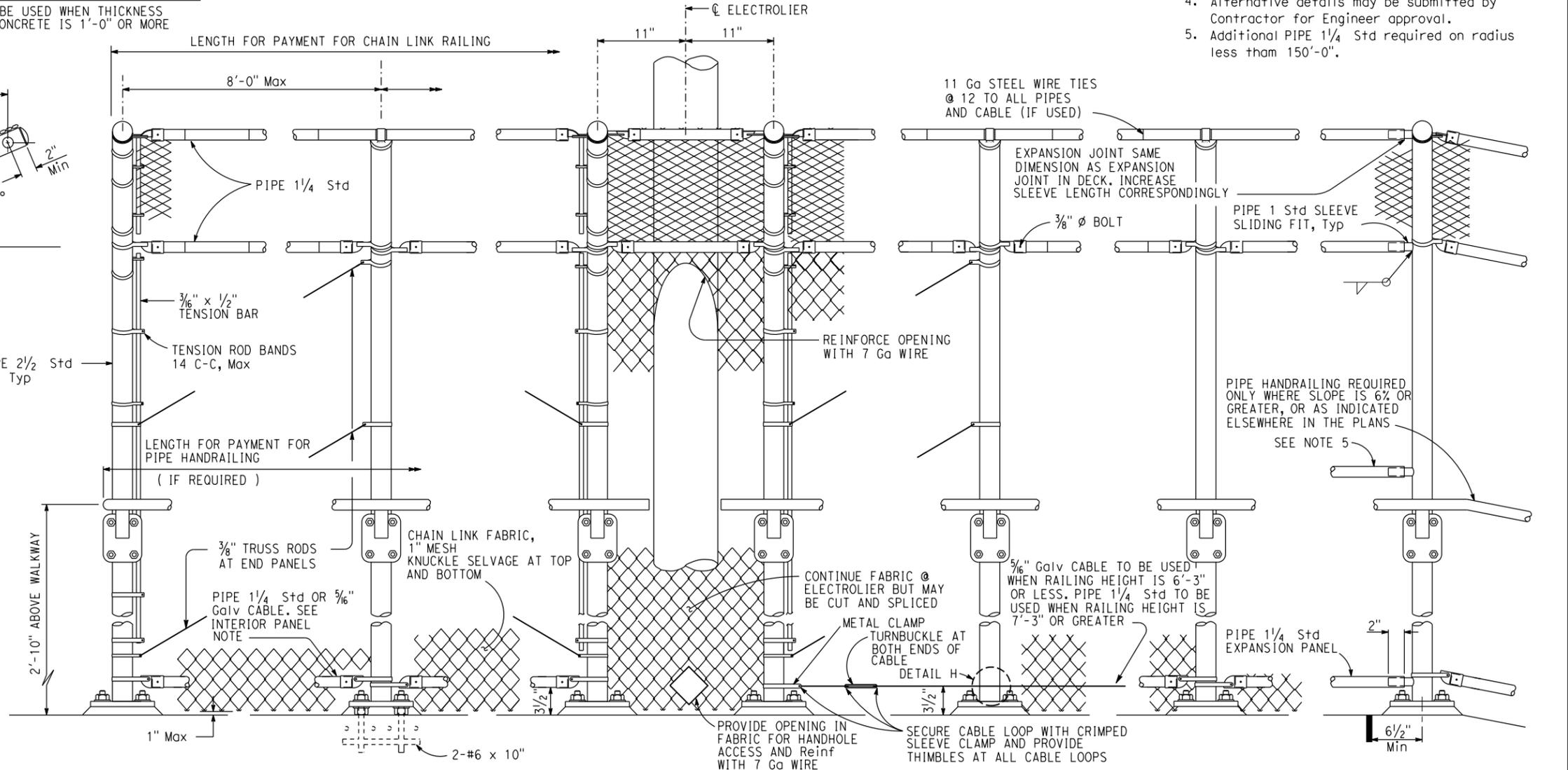


**ELEVATION**  
**PIPE HANDRAILING AT END**  
**ELEVATION**  
**PIPE HANDRAILING AT END**

- NOTES:
- Railing shall conform to horizontal and vertical alignment. Posts shall be vertical.
  - Horizontal pipes shall be bent if radius is 150'-0' or less-may be 8'-0" chords if radius is over 150'-0".  
Peen all 3/8" Ø bolts.
  - When railing is on slope, fabric shall be placed parallel to slope.
  - Alternative details may be submitted by Contractor for Engineer approval.
  - Additional PIPE 1 1/4 Std required on radius less than 150'-0".



**TYPICAL POST DETAIL**



**END POST**    **INTERMEDIATE POST**    **AT ELECTROLIER**    **TYPICAL INTERIOR PANEL**    **AT EXPANSION JOINT**

**ELEVATION**

STANDARD DRAWING
FILE NO. <b>xs16-160</b>
APPROVAL DATE July 2014

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES
BRIDGE NO. X	POST MILE X

X	X
<b>CHAIN LINK RAILING TYPE 3</b>	