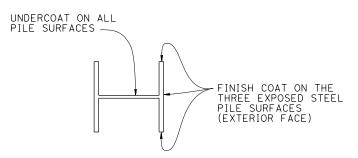


NOTE:

Clean and paint Steel Soldier Pile from top of pile to 5 feet, Min below bottom of lagging.

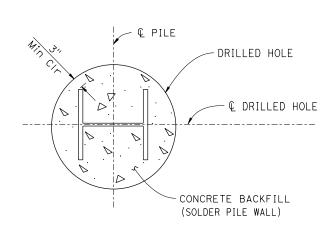
> For lagging details see "SOLDIER PILE WALL LAGGING DETAILS".



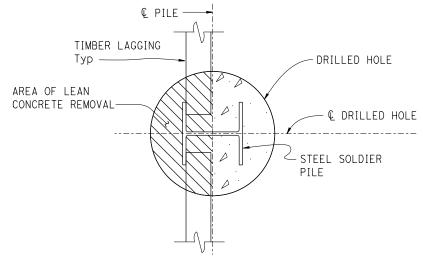
LIMITS OF CLEAN & PAINT STEEL SOLDIER PILE NO SCALE

FOR DETAILS NOT SHOWN, SEE "PROJECT PLANS"

## TYPICAL SECTION NO SCALE



SECTION B-B NO SCALE



SECTION A-A NO SCALE

POST MILES TOTAL PROJECT REGISTERED CIVIL ENGINEER DATE PLANS APPROVAL DATE CIVIL The Registered Civil Engineer for the project is responsible for the selection and proper application of the component design and any modifications shown.

## **GENERAL NOTES:**

DESIGN:

AASHTO LRFD Bridge Design Specifications, 4th Edition with California Amendments.

LIVE LOAD: 240 psf equivalent to 2 feet soil weight.

PARAMETERS: (For determination of Design Lateral Earth Pressures)

Backfill soil weight =  $\_$  Ib/ft<sup>3</sup> Friction Angle = \_\_\_\_°
Active Pressure coefficent, Ka = Bedrock Unit Weight =  $_{\underline{}}$  Ib/ft $^{\overline{3}}$ 

PARAMETERS:

STEEL SOLDIER PILES:

ASTM A572/A. ASTM 572M Grade 50 Min.

or ASTM A36/A36M

REINFORCED CONCRETE (FASCIA):

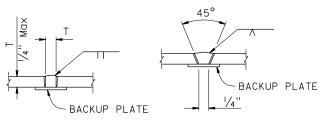
f'c = 4000 psi fy = 60 ksi

STRUCTURAL

TIMBER:

Treated Douglas Fir, Grade No. 1 or better

Timber to be full sawn.



SQUARE GROOVE

SINGLE VEE-GROOVE

SINGLE BEVEL-GROOVE

## PILE WELDING DETAIL-BUTT JOINTS

NO SCALE

## NOTES:

- Single vee-groove and square groove permitted for all positions.
- 2. Single bevel-groove permitted for horizonal joints only.

BRIDGE STANDARD DETAILS							STATE	OF	DIWIGION OF	BRIDGE NO.				
x\$12-050	October 2014  APPROVAL DATE	The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California					CALIF ( DEPARTMENT OF T		DIVISION OF ENGINEERING SERVICES	POST MILE	CANTILE	VER SOLDIER	PILE WALL	DETAILS
Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail- sheets/index.html			FILE => xs12-050.dgn USERNAME => s136236	TIME PLOTTED => 16:02	DATE PLOTTED => 14-JUL-2016	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	1	2 3	UNIT: PROJECT NUMBER & PHASE:	CONTRACT	NO.:	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATE 6-24-14 8-15-14 7-12-1	S SHEET OF