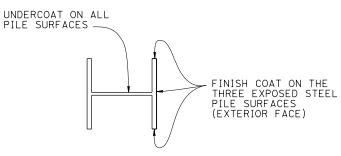


NO SCALE



LIMITS OF CLEAN & PAINT STEEL SOLDIER PILE NO SCALE

GENERAL NOTES:

DESIGN:

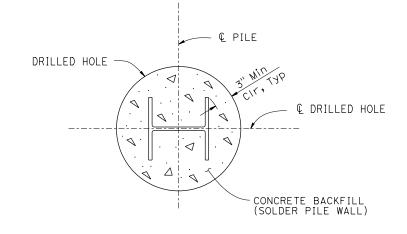
SEISMIC PARAMETERS:

STEEL: SOLDIER PILES:

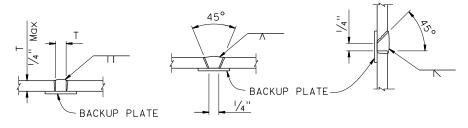
REINFORCED CONCRETE (WALERS):

STRUCTURAL TIMBER:

PRESTRESSING STEEL (GROUND ANCHORS):



SECTION D-D NO SCALE



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.

xs12-060-2 October 2014 The components of the Bridge Standard Deridge under the Dread Under the Development of the Bridge Standard Under the Development of the Technical Owner, are distanced under the State DIVISION OF Post Mile DIVISION OF Post Mile Division of the State No. 2 File No. October 2014 Approval Date Division of the Bridge Standard Under the Owner, are distored civil engineer in the State Post Mile Soldler Pile Wall With Walers-Details No. 2 Refer to: http://www.dot.ca.gov/hg/esc/techpubs/manual/bridgemanuals/bridge-standard-detail- File > xs12-060-2.dgn UNIT: Distegard Prints Bearing Revision Dates SHET OF Sheets/index.html 0 1 2 3 PROJECT NUMBER & PHASE: CONTRACT NO.: Distegard Prints Bearing Revision Dates SHET OF	BRIDGE STANDARD DETAILS									STATE	OF			BRIDGE NO.					
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Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail- FILE => xs12-060-2.dgn UNIT: DISREGARD PRINTS BEARING FILE => xs12-060-2.dgn OF					responsible charge of t a registered civil engin of California	ponsible charge of the Technical Owner, egistered civil engineer in the State California							ENGINEERING SERVICES	POST MILE	SOLDIER	PILE WALL WITH	WALERS-DETAIL	LS No. 2	
	Refer to: http:// sheets/index.html	//www.dot.ca n/	a.gov/hq/esc/techpu				*	TIME PLOTTED => 16:02	DATE PLOTTED => 14-JUL-2016	0 1	1	2 3	UNI	IIT: OJECT NUMBER & PHASE:	CONTRACT	NO.:		REVISION DATES	SHEET OF

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS							
REGISTERED CIVIL ENGINEER DATE												
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.												
The Re and pi	The Registered Civil Engineer for the project is responsible for the selection and proper application of the component design and any modifications shown.											

AASHTO LRFD Bridge Design Specifications, 4th Edition with California Amendments. LIVE LOAD: 240 psf equivalent to 2 feet soil weight. SOIL PARAMETERS: (For determination of Design Lateral Earth Pressures) Backfill soil weight = $__{\circ}$ lb/ft³ Friction Angle = ____ Active Pressure coefficent, Ka = Bedrock Unit Weight = _____ Ib/ft^3 k_h = _____ ASTM A572/A, ASTM 572M Grade 50 Min, or ASTM A36/A36M f'c = 4000 psi fy = 60 ksi Treated Douglas Fir, Grade No. 1 or better. Timber to be full sawn FDL = Factored Design Load on ground anchor (kips) FTL = Factored Test Load (kips) LL = Lock-Off Load (kips) fpu = Minimum ultimate tensile strength of ground anchor steel (ksi) As (Min) = Minimum cross sectional area of steel in ground anchor (square inches) Steel = ASTM designation: A416 (High Strength Strands) As (Min) = $\frac{1.0 \text{ FTL}}{0.75 \text{ fpu}}$ Steel = ASTM designation: A722 (High Strength Bars) As (Min) = $\frac{1.0 \text{ FTL}}{0.80 \text{ fpu}}$ FDL = ____ Kips FTL = ____ Kips LL = _____Kips