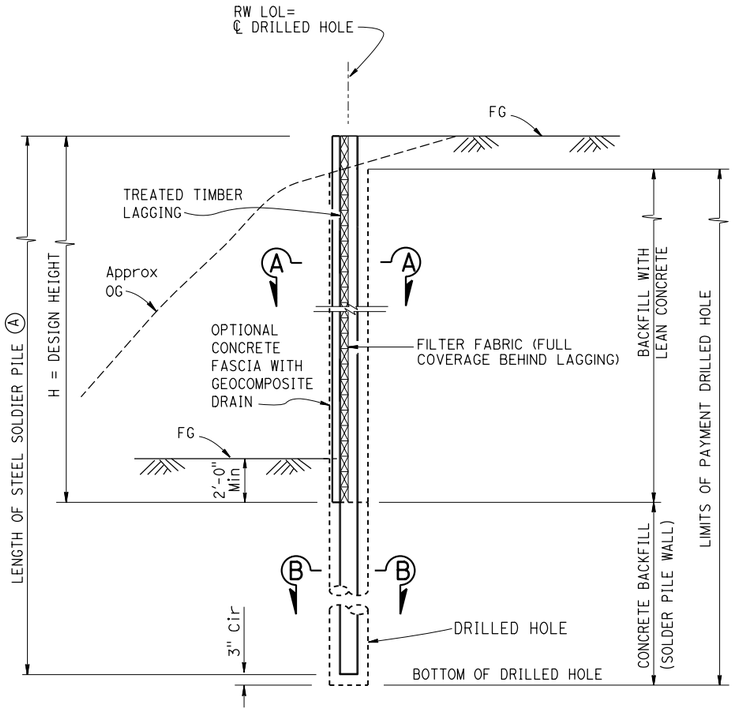
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
X	X	X	X	X	X

REGISTERED CIVIL ENGINEER — DATE X

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — No. X — Exp. X — CIVIL — STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



FOR DETAILS NOT SHOWN, SEE "PROJECT PLANS"

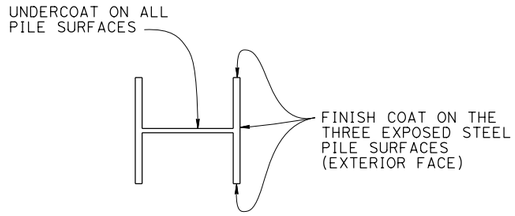
TYPICAL SECTION

NO SCALE

NOTE:

(A) 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

GENERAL NOTES:

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

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

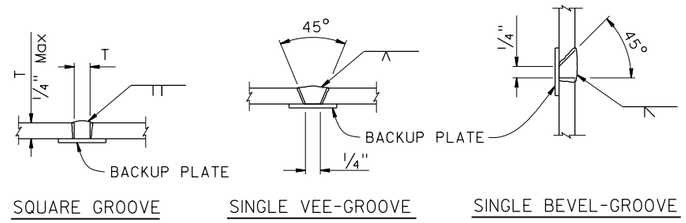
SOIL PARAMETERS: (For determination of Design Lateral Earth Pressures)
Backfill soil weight = _____ lb/ft^3
Friction Angle = _____ °
Active Pressure coefficent, Ka = _____
Bedrock Unit Weight = _____ lb/ft^3

SEISMIC PARAMETERS: k_h = _____

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.



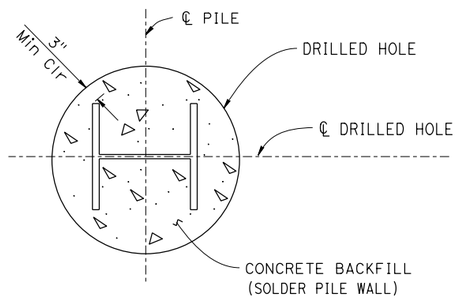
SQUARE GROOVE — SINGLE VEE-GROOVE — SINGLE BEVEL-GROOVE

PILE WELDING DETAIL-BUTT JOINTS

NO SCALE

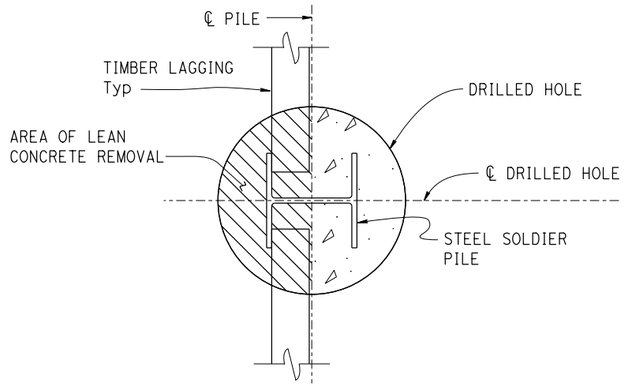
NOTES:

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



SECTION B-B

NO SCALE



SECTION A-A

NO SCALE

STANDARD DRAWING

FILE NO. xs12-050

APPROVAL DATE October 2014

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

BRIDGE NO. X

POST MILE X

X
CANTILEVER SOLDIER PILE WALL DETAILS

DS OSD 2147A (ENGLISH STANDARD DRAWING "XS" BORDER REV. (02-02-11)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: X
CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
6-24-14	8-15-14			X	X

FILE => xs12-050.dgn

USERNAME => s136236 DATE PLOTTED => 02-OCT-2014 TIME PLOTTED => 11:25