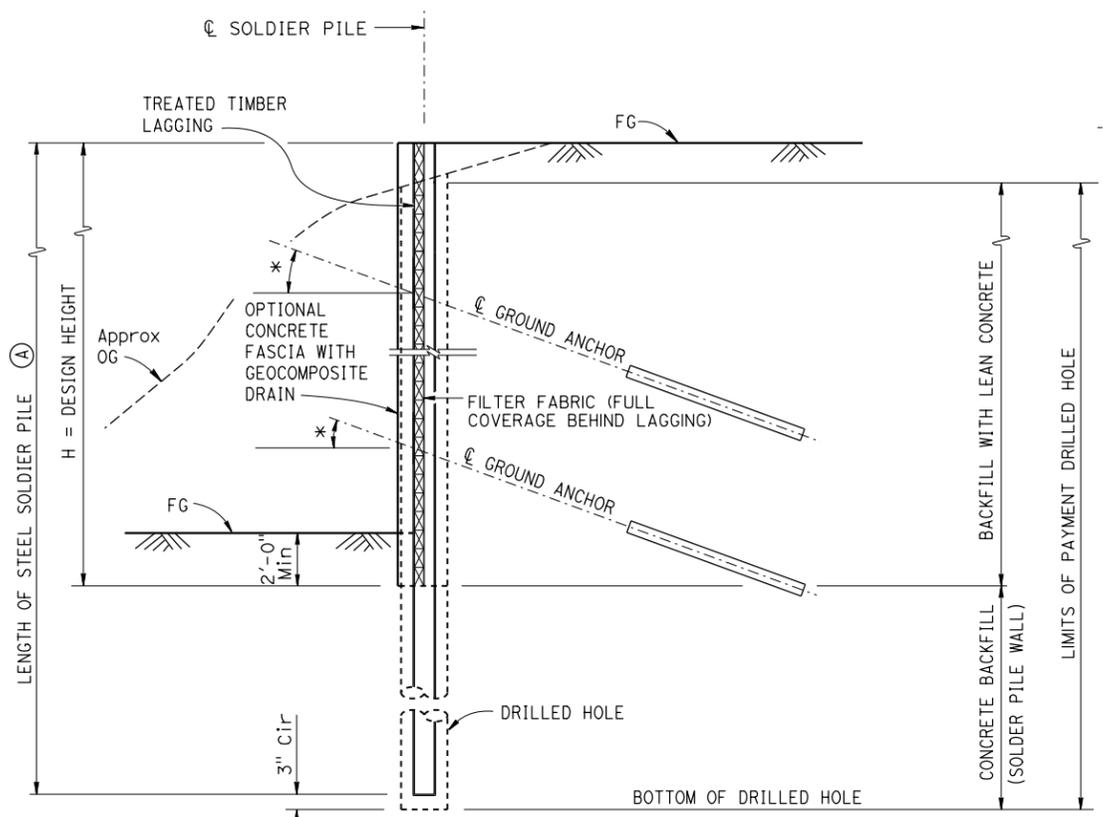


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
X	X	X	X	X	X

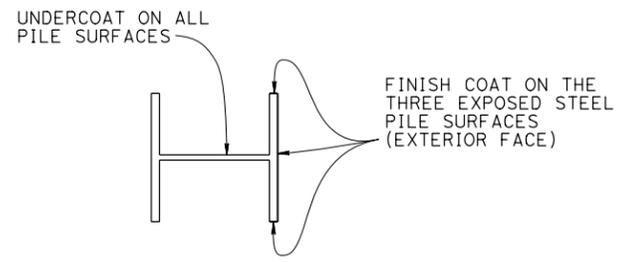
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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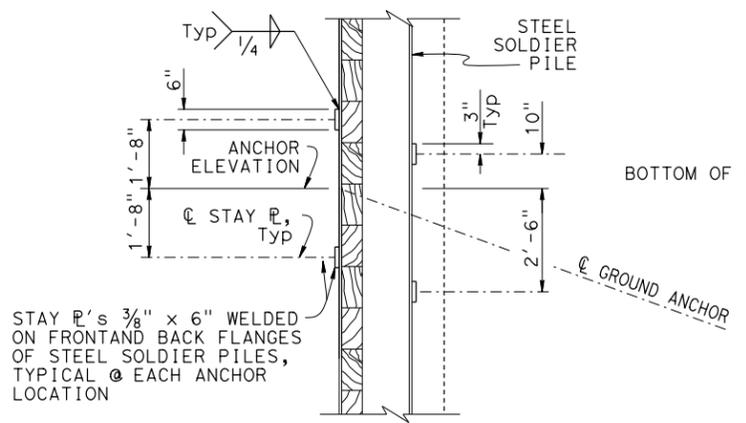


* To be determined by Design Engineer

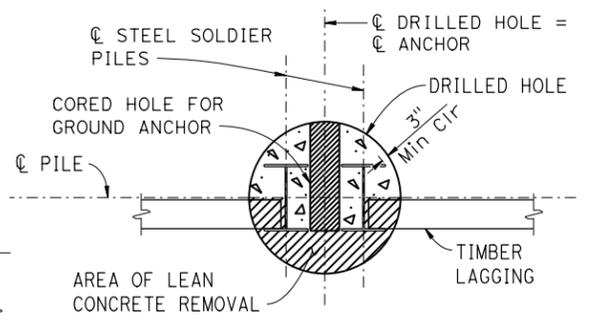
TYPICAL SECTION
NO SCALE



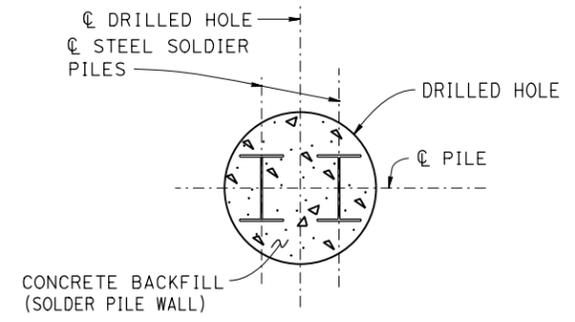
LIMITS OF CLEAN & PAINT STEEL SOLDIER PILE
NO SCALE



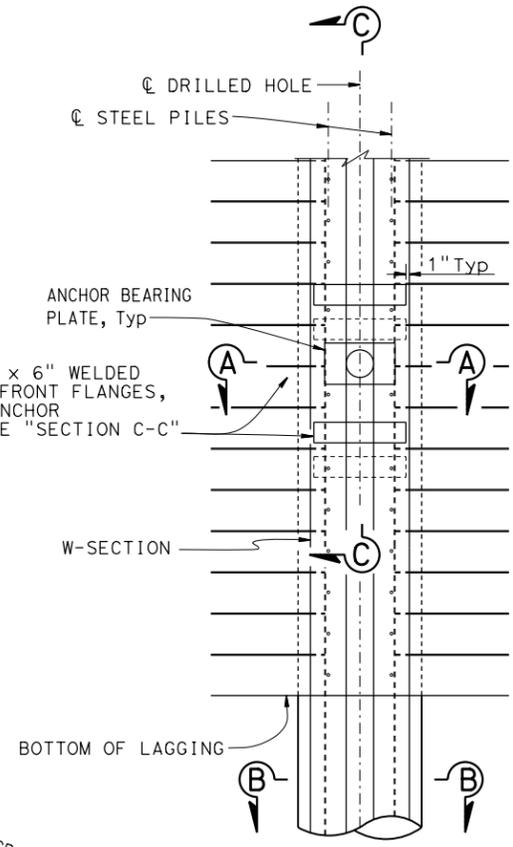
SECTION C-C STAY PLATE DETAILS
NO SCALE



SECTION A-A
NO SCALE



SECTION B-B
NO SCALE



PART ELEVATION
NO SCALE

NOTES:
For details not shown, see "PROJECT PLANS".

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

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/ft³
 - Friction Angle = _____
 - Active Pressure coefficient, Ka = _____
 - Bedrock Unit Weight = _____ lb/ft³
- 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, f_y = 60 ksi
- STRUCTURAL TIMBER: Treated Douglas Fir, Grade No.1 or better. Timber to be full sawn.
- PRESTRESSING STEEL (GROUND ANCHORS):
 - FDL = Factored Design Load on ground anchor (kips)
 - FTL = Factored Test Load (kips)
 - LL = Lock-Off Load (kips)
- f_{pu} = Minimum ultimate tensile strength of ground anchor steel (ksi)
- A_s (Min) = Minimum cross sectional area of steel in ground anchor. (square inch)
- Steel = ASTM designation: A416 (HS Strands)
- A_s (Min) = $\frac{1.0 \text{ FTL}}{0.75 \text{ fpu}}$
- Steel = ASTM designation: A722 (HS Bars)
- A_s (Min) = $\frac{1.0 \text{ FTL}}{0.80 \text{ fpu}}$
- FDL = _____ Kips
- FTL = _____ Kips
- LL = _____ Kips

DATE PLOTTED => 02-OCT-2014 TIME PLOTTED => 11:26 USERNAME => s136236