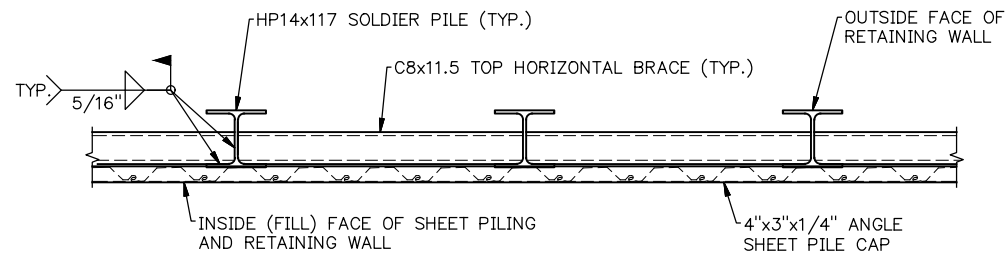
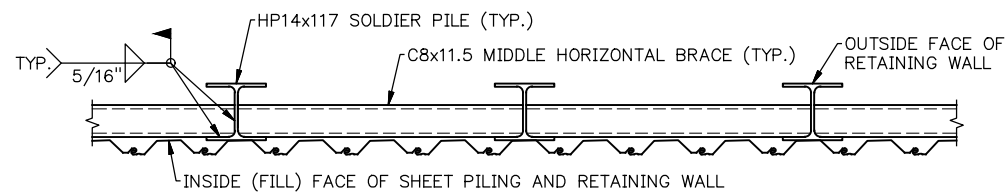


SOLDIER PILE BRACING DETAIL

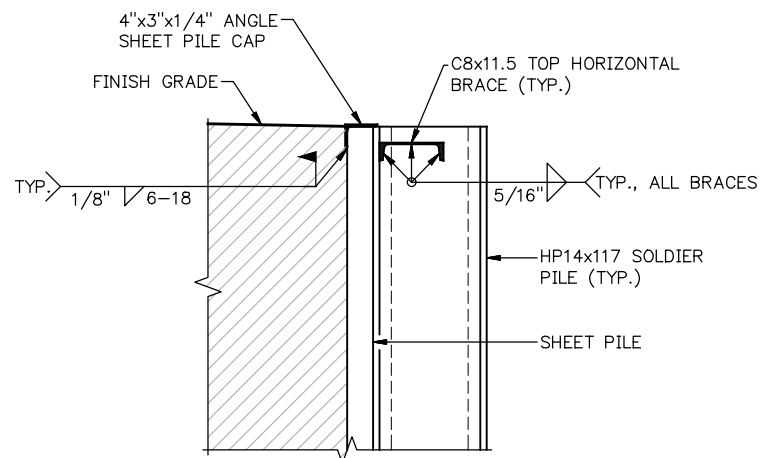


SECTION A-A

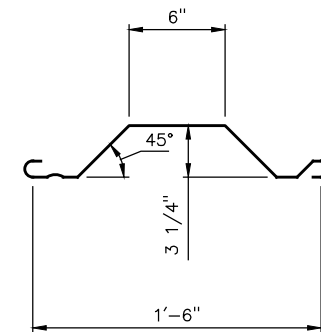


SECTION B-B

NOTE: SOLDIER PILES, C8x11.5 BRACES, AND L4x3x1/4 SHEET PILE CAP SHALL BE COMPOSED OF NEW STRUCTURAL STEEL (GR. 50).



DETAIL A



SHEET PILE SECTION

NOTES: SHEET PILING SHALL BE MADE FROM STEEL CONFORMING TO AASHTO M160 (GR. 50W). SHEET PILING SHALL BE 10 GAGE, 0.134 INCHES THICK, WEIGHING 10.80 POUNDS PER LINEAR FOOT OF PILE OR 7.2 POUNDS PER SQUARE FOOT OF WALL, SHALL HAVE A SECTION MODULUS OF 2.72 INCHES³ PER SECTION AND A MOMENT OF INERTIA OF 4.05 INCHES⁴ PER SECTION AND SHALL HAVE A MINIMUM YIELD STRENGTH OF 50,000 PSI. ALL COST FOR SHEET PILING SHALL BE PAID FOR AT THE UNIT PRICE BID PER SQUARE YARD FOR SHEET PILING IN PLACE.