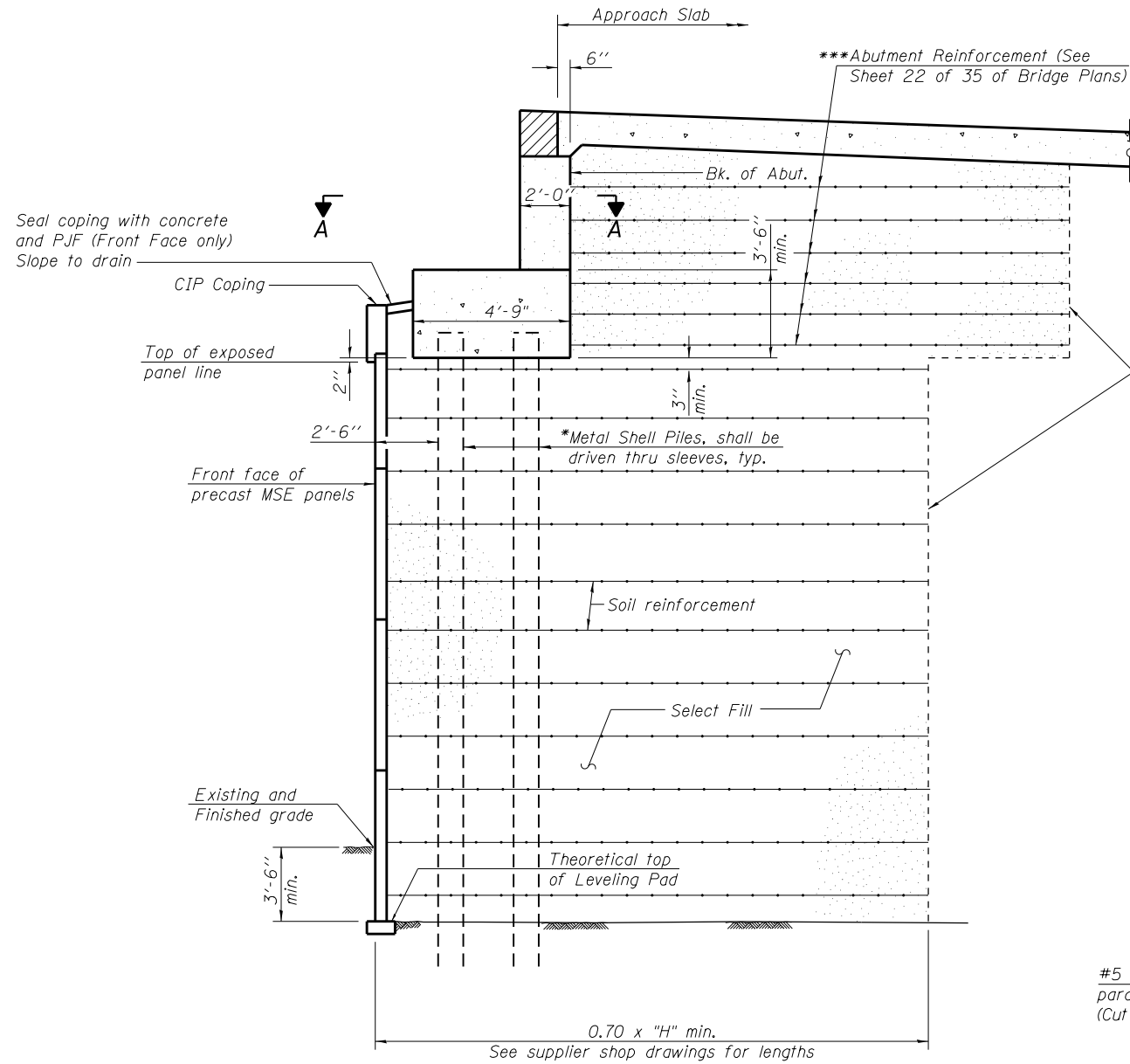


* In order to alleviate downdrag on the piles, the Contractor shall:

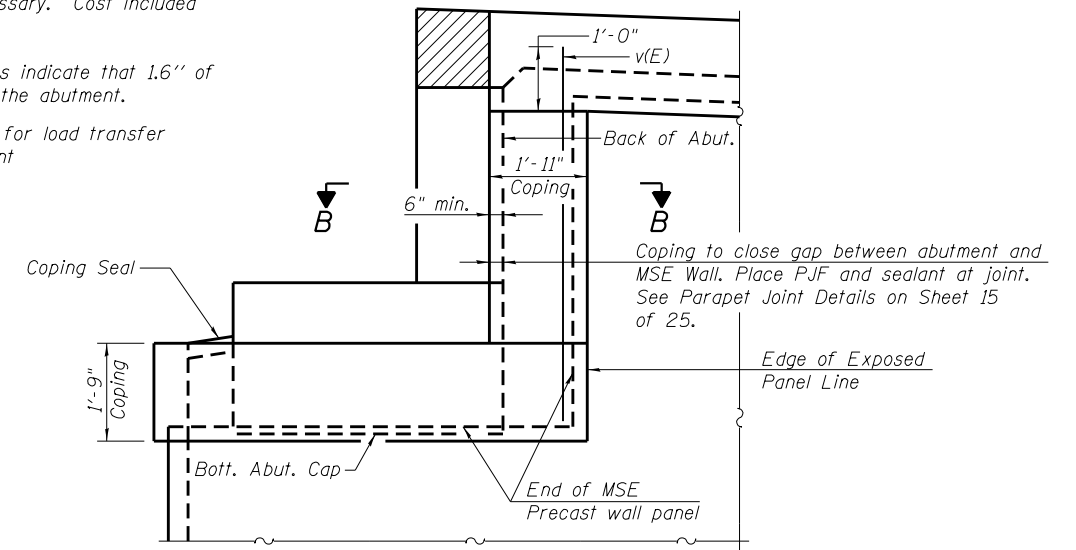
Construct the MSE walls first, wait ****6 months**, and then drive piles through sleeves that were placed before MSE wall construction. Place sleeves after removal of unsuitable material and before backfilling with Aggregate Subgrade Improvement where this is necessary. Cost included with Furnishing Metal Shell Piles, 14" ϕ x 0.25".

**Or until the settlement platforms for the MSE walls indicate that 1.6" of the estimated 2.0" of settlement has occurred at the abutment.

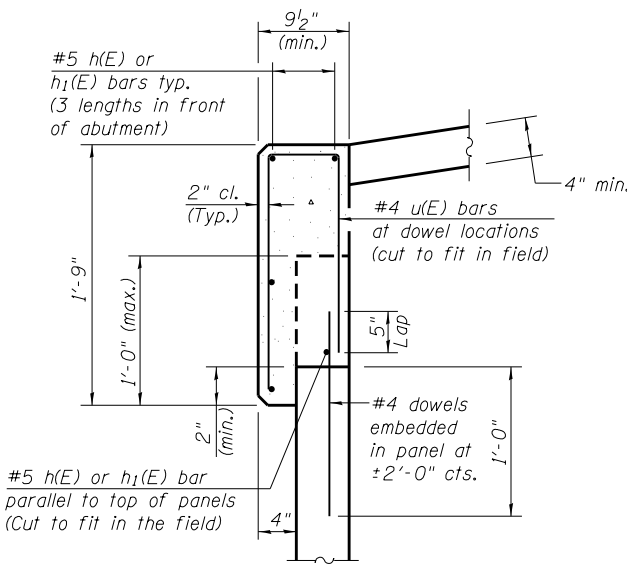
***MSE Wall Supplier to provide internal stability design for load transfer system to accommodate horizontal forces from abutment



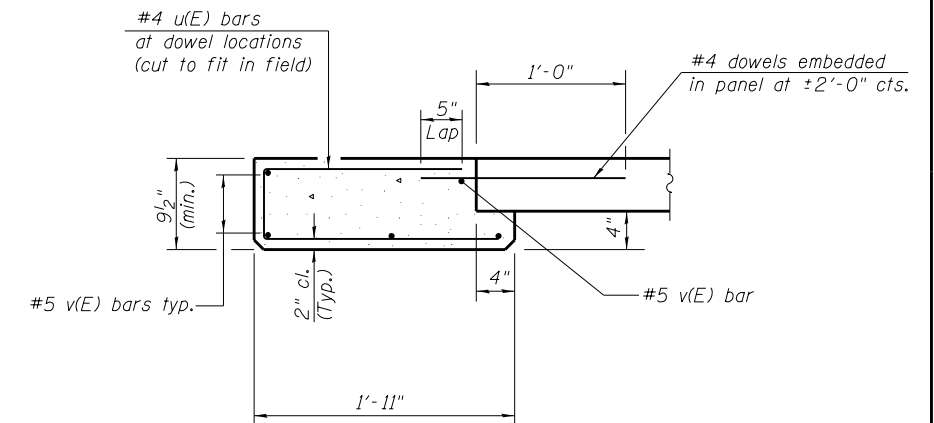
TYPICAL SECTION THRU ABUTMENT
(Horiz. dim. @ Rt. L's)



COPING AT SIDE OF ABUTMENT
Reinforcement on Vertical Coping similar to Coping on Front Face of Abutment



TYPICAL SECTION THRU ABUTMENT COPING



SECTION B-B

*****BAR LIST FOR WALL COPING AROUND ABUTMENTS**

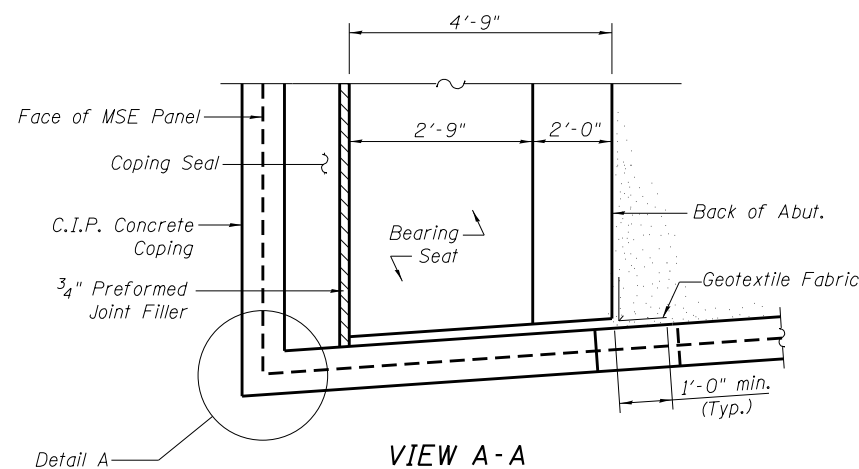
Bar	No.	Size	Length	Shape	
h(E)	15	#5	28'-4"	—	Front of Abuts.
h1(E)	10	#5	8'-0"	—	Side of Abuts.
h2(E)	6	#5	6'-0"	┌	
v(E)	10	#5	7'-8"	—	Cut to fit as req'd
u(E)	56	#4	2'-11"	┌	

***For information only

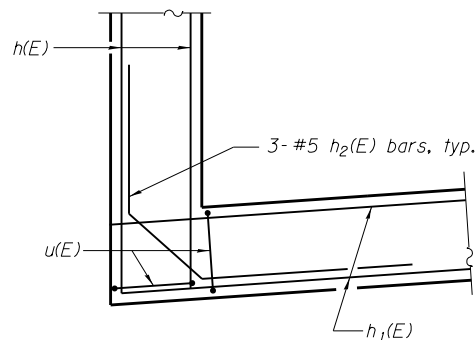
MIN. BAR LAP
#5 Bars = 2'-7"

Notes:

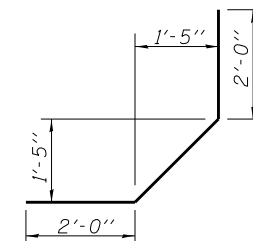
The cost of coping seal, cast-in-place concrete coping, reinforcement bars and dowel bars for the coping around the abutments will be included with bid pay item "Mechanically Stabilized Earth Retaining Wall". The Contractor may substitute a precast coping at their own expense, the details of which must be included in the shop plans and approved by the Engineer. Contractor shall contact the MSE wall supplier to verify that added crane/pile driving equipment loading on top of MSE wall is acceptable should the contractor choose to drive piles from the top of the MSE walls.



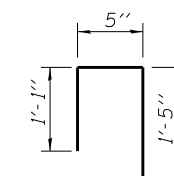
VIEW A-A



DETAIL A



BAR h2(E)



BAR u(E)