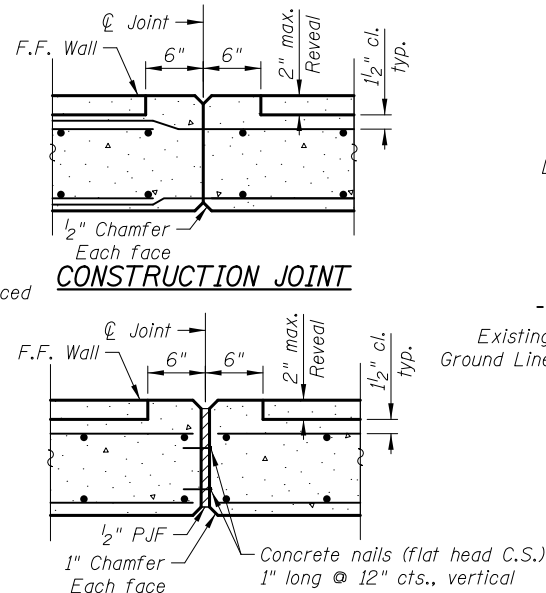
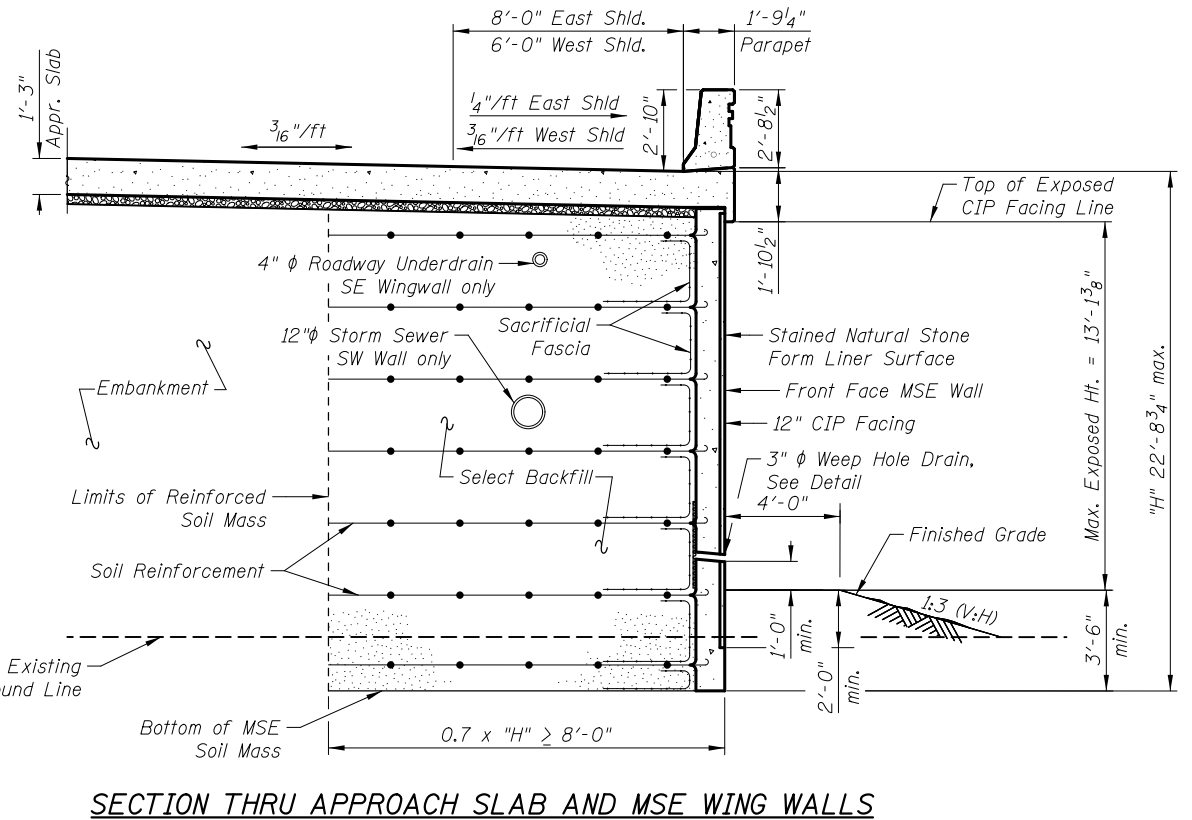


TYPICAL ABUTMENT SECTION



EXPANSION JOINT

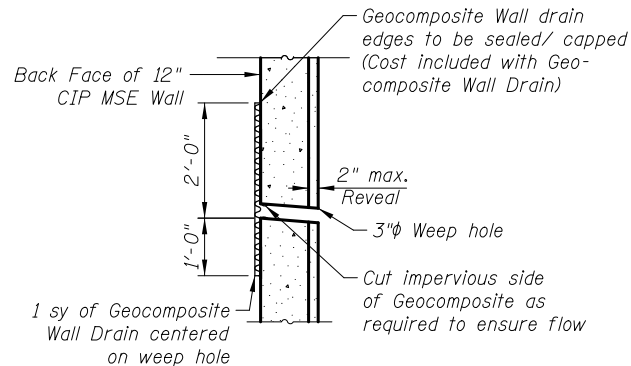


SECTION THRU APPROACH SLAB AND MSE WING WALLS

BILL OF MATERIAL

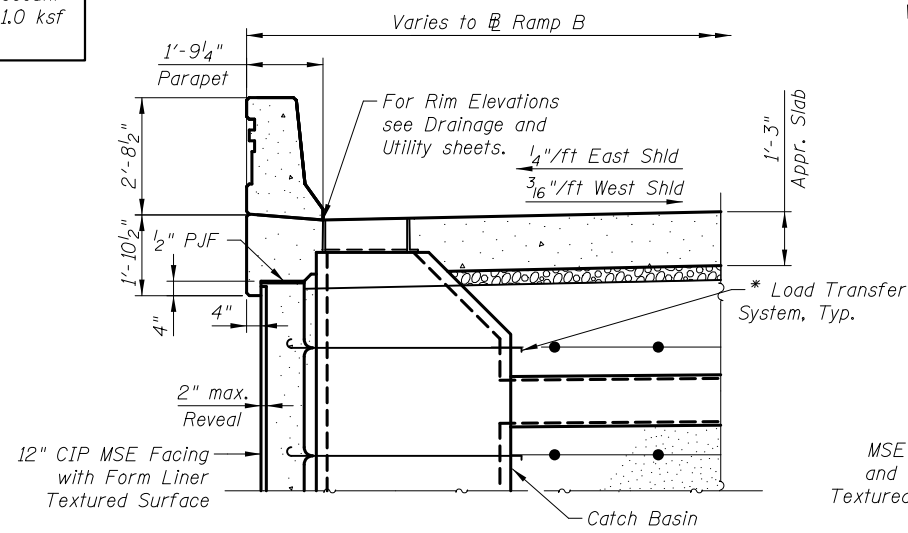
ITEM	UNIT	TOTAL
Concrete Structures	Cu. Yd.	1.1
Form Liner Textured Surface	Sq. Ft.	1,775
Geocomposite Wall Drain	Sq. Yd.	34
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.	2,846
Staining Concrete Structures	Sq. Yd.	197

The MSE Wall supplier shall design the abutment soil reinforcement to resist an unfactored horizontal force of 4.1 kips/ft. of abutment.
 The MSE wall supplier's internal stability design shall account for the anchorage slab's bearing pressure surcharge of 1.0 ksf and horizontal sliding force of 0.5 kips/ft. of wall.



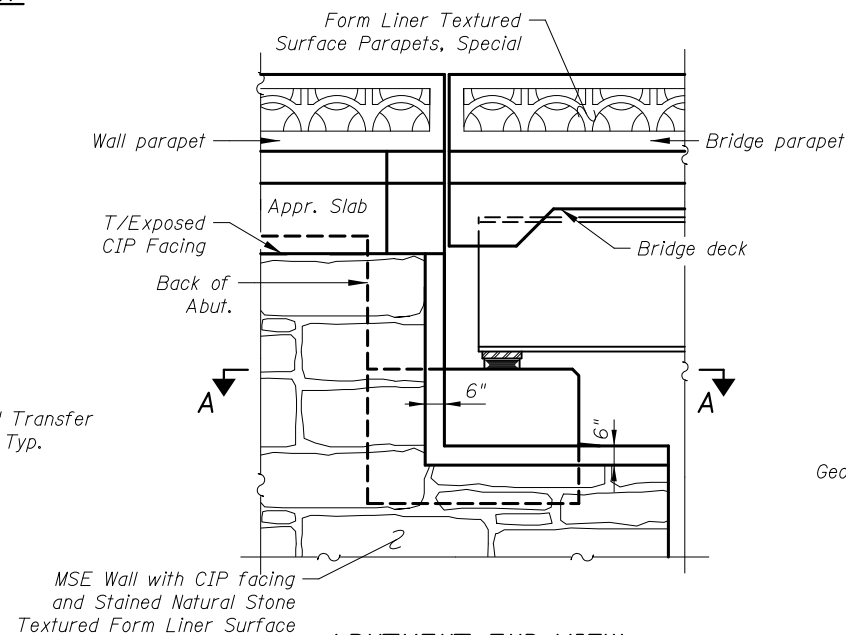
WEEP HOLE DRAIN DETAIL

Weep hole spacing shall be at ±8'-0" horizontally

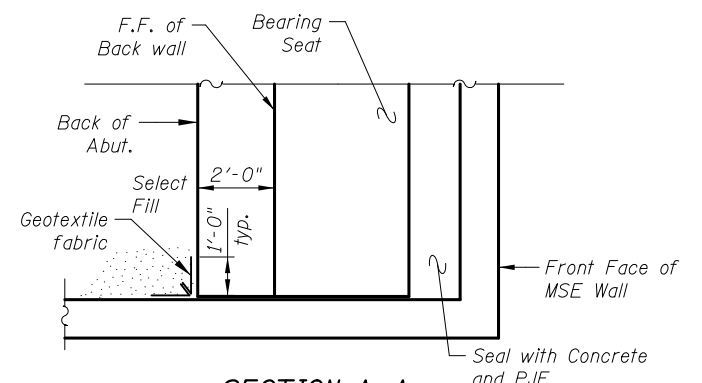


SECTION THRU DRAINAGE STRUCTURE

* M.S.E. supplier to design load transfer system to accommodate concrete pipe and catch basin



ABUTMENT END VIEW



SECTION A-A

Notes:
 For Section Thru Anchorage Slabs see sheet SC25.
 Seal with Concrete and P.J.F shall be paid for as Concrete Structures.
 Geotextile Fabric shall be paid for as Mechanically Stabilized Earth Retaining Wall.
 For Form Liner Texture Surface Details see sheet SC23.

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