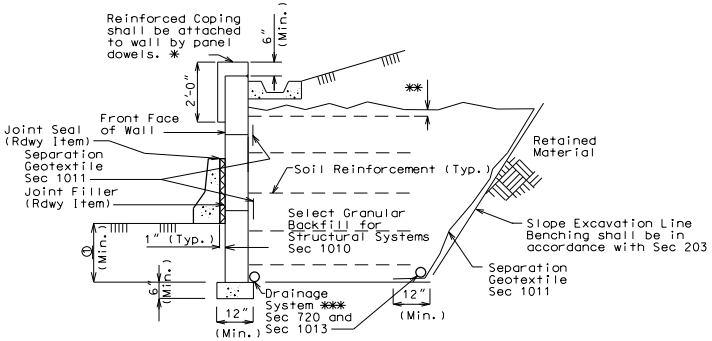
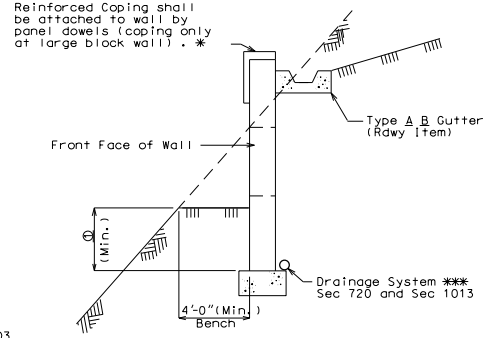


TYPICAL SECTION THRU LARGE BLOCK WALL



TYPICAL SECTION THRU MSE WALL FOUNDED ON SLOPE

Note:
A minimum horizontal bench 4'-0" wide shall be provided in front of the wall

Note:

Holes shall be 5/8" round and extended 4" into the third layer of blocks, recessed 2" deep by 1 1/2" round.

Rods or reinforcing bars shall be secured by an approved resin anchor system in accordance with Sec 1039.

Recess hole shall be backfilled with non-shrink cement grout.

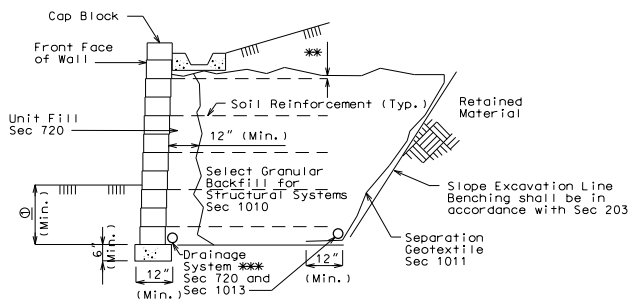
✳ Inverted U-shape reinforced capstone may be used in lieu of coping. Panel dowels for capstone shall be required and as provided by manufacturer.

✳✳ Topmost layer of reinforcement shall be fully covered with select granular backfill for structural systems, as approved by the wall manufacturer, before placement of the Separation Geotextile.

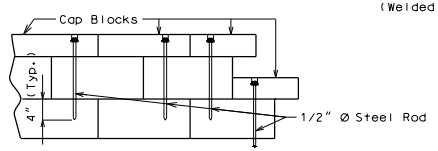
✳✳✳ Minimum 6" diameter perforated PVC or PE pipe, unless larger size pipes are required by design by wall manufacturer.

Adjustment in the vertical alignment of the drainage pipes from that depicted in the plans may be necessary to ensure positive flow out of the drainage system.

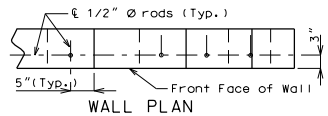
Outlet ends of pipes shall be located to avoid clogging or flow into the drainage system.



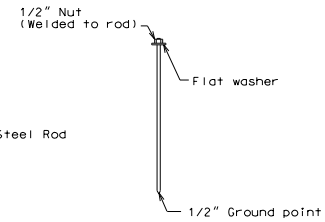
TYPICAL SECTION THRU SMALL BLOCK WALL



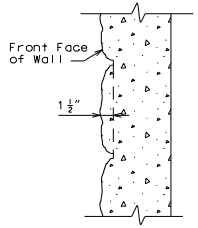
WALL PROFILE



WALL PLAN



DETAILS OF 1/2" THREADED ROD OR REINFORCING ROD



FORM LINER DETAIL

Note: All front face surfaces of M.S.E. wall shall have form liner finish.

Standard Drawing Guidance (do not show on plans):

Note ✳ does not apply to Small Block Walls.

① Show the minimum embedment = max (2', embedment based on Geotechnical Report and global stability requirements). Minimum embedment shall be provided in accordance with AASHTO 5.8.1 and Geotechnical Report.

All notes and details shown need to be revised per project.

DETAILS FOR GENERIC MSE WALL

Detailed
Checked

Note: This drawing is not to scale. Follow dimensions.

Sheet No. of

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DATE PREPARED 9/9/2011
ROUTE ✳ STATE MO
DISTRICT BR SHEET NO. ✳
COUNTY ✳
JOB NO. ✳
CONTRACT ID.
PROJECT NO.
BRIDGE NO. MSE 04

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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