

Standard Drawing Guidance (do not show on plans):

Revise notes and details per project as necessary.

For Modified Type A and Type B Gutter and Fence Post Connection details, see Missouri Standard Plans No. 607.11.

For Type A & Type B Gutter information, see Missouri Standard Plans No. 609.00.

See EPG 751.24.2.1 for drainage guidance.

- ① Show the minimum embedment = maximum (2 feet; embedment based on Geotechnical Report and global stability requirements; and FHWA-NHI-10-024, Table 2-2).
- ② Minimum soil reinforcement length shall be based on the following cases in accordance with EPG 751.6.2.17:

Maximum (0.7H, 8 ft, or FIGR) for a non-seismic design.

Maximum (0.7H, 8 ft, or FIGR, seismic loading requirement) for a seismic design.

Maximum (0.8H, 8 ft, or FIGR) for a sloping backfill surcharge case.

Soil reinforcement length shall be greater than or equal to as required for a stable feature wall for strong/stable rock case.

Where,

H = Height of the wall as measured from the top of the leveling pad to the top of the wall.

FIGR = Foundation Investigation Geotechnical Report

- ③ Use for MSE walls in Seismic Categories B, C & D.
- 4 District Design Division to verify 6" diameter pipe or increase diameter. Minimum pipe diameter shall be 6".

- (5) Use for MSE Walls when there may be contact between dissimilar metals
- (6) Use for MSE Walls when there may be vertical and/or horizontal obstructions in reinforced soil mass.
- 7) Use for all large block MSE walls.
- (8) Do not show values in the plan details. MSE wall designer shall include this table on shop drawings and provide values used in the design computations.
- 9 Show H:V spill slope or "Varies"