WALL EXTERNAL & OVERALL STABILITY EVALUATION

SOIL PARAMETERS

EXAMPLE ELEVATION
(LOOKING @ F.F. OF WALL)

EXAMPLE PLAN

GEOMETRY TABLE

GENERAL NOTES

DESIGN DATA

DESIGNER NOTES

LIST OF DRAWINGS
MSE WALL AT ABUTMENT LAYOUT DETAILS

**Designer Notes**

The "Preferred MSE Wall at Abutment Configuration" is the desired option as it separates the MSE wall from the abutment, allowing for simpler details and avoiding settlement issues. This advice is more relevant as skew increases.

**Notes**

- Seal all exposed horizontal and vertical surfaces of filler with non-staining, non-bituminous joint sealant. Depth and hold to rear surface of concrete.

**Preferred MSE Wall at Abutment Configuration**

- MSE wall must be designed.

**Alternate MSE Wall at Abutment with Wrapped MSE Wall**

- MSE wall length exceeds 4'-6", bars would require closure wall. For type a1 semi-exp. abuts., extend polyethylene sheeting over entire length of closure wall.

**Plan View of Alternate MSE Wall at Abutment with Closure Wall**

- For type a1 semi-exp. abuts., extend polyethylene sheeting over entire length of closure wall.

**Approved:** Bill Oliva

**Date:** 7-17

**Standard:** 14.05

**BUREAU OF STRUCTURES**
**Typical Section**

MSE Wall with Concrete Panel Facing

- MSE Backfill
- Existing Grade
- Bench grade
- Finished grade
- Min. of leveling pad
- Min. 1'-0" MSE backfill
- X min. (reinforcing zone within wall)
- Aggregate No. 1 B.F. wall backfill, course
- Min. 1'-0" top of wall

**Coping**

- Min. 1'-0" x 6" leveling pad
- Unreinforced concrete

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**Designer Note**

See standard 14.02 for additional information

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**MSE Wall Panel and Block Facing**

Approved: Bill Oliva

Date: 7-18

BUREAU OF STRUCTURES

STANDARD 14.11