NOTES

DESIGN SPECIFICATIONS:

TRAFFIC RAILINGS OR PARAPETS:
If there is a Traffic Railing or Parapet on the wall, align Wall Joints with V-Grooves, and Wall Expansion Joints
with Barrier Open Joints.

FOUNDATION: Prepare the soil below the footing in accordance with the requirements for spread footings in Specification
Section 455.

* Shear Key is required only when specified in the Plans.

NOTE:
See Plans for Retaining Wall Data

REINFORCING STEEL BENDING DIAGRAMS

BARS GI

BARS J & K

BARS M

NOTE:
All bar dimensions are out-to-out.
**Wall joint spacing 25 ft. maximum and 5' minimum. At minimum, every fourth wall joint to be an expansion joint. See Plans for actual wall joint spacing and expansion joint location.

\[ \frac{1}{2} \text{ V-Groove across top and down front face of wall at joint (Typ.)} \]

\[ \text{Extend V-Groove down back of wall to 6' min. below ground. (see V-Groove Detail)} \]

**Wall joint spacing**

\[ \text{V-Groove Detail} \]

**Front Elevation**

**Section A-A**

**Wall Joint Detail**

\[ \frac{1}{2} \text{ Wall Joint} \]

**Expansion Joint Detail**

**Typical Backfill Detail**

**Traffic Railing/Junction Slab Detail**

\[ \text{(32" F-Shape shown, other Traffic Railings similar)} \]

\[ \text{(for 32" F-Shape Traffic Railing, see Index No. 420; for 32" Vertical Shape Traffic Railing, see Index No. 422; for 42" Vertical Shape Traffic Railing, see Index No. 422)} \]

**Typical Corner Joint Detail**

**V-Groove Detail**

**Typical Footer Detail**

**Inside ends of weep holes shall be covered with 1.0 square foot of galvanized mesh with 1/2" openings**

\[ \text{Drain shall be continuous 1.5' x 1.5' clean, broken stone or gravel, graded and placed to allow free drainage. Place Type D-3 (see Specification Section 985) geotextile fabric, 1'-0" wide and full height of fill, to the back of wall with an adhesive approved by the Engineer.} \]

\[ \text{**Stay-In-Place Plastic Preformed Bond Beakers are permitted to form joints.} \]