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 495.

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

REINFORCING STEEL BENDING DIAGRAMS
**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.**

\[
\text{\( \frac{1}{2} \) V-Groove across top and down front face of wall at joint (Typ.). Extend V-Groove down back of wall to 8" min. below ground. (see V-Groove Detail)}
\]

\[
\text{Stem Offset (in.) = } \frac{H(\text{Ft.)}}{16} \text{ Stem as constructed}
\]

\[
\text{Stem Offset (for } H < 20 \text{ Ft.)}
\]

**Wall Joint (required at footing step)**

**Const. Joint permitted (keyway not required)**

See 'Detail A'

**Wall Joint**

**Stay-In-Place Plastic Preformed Bond Beakers are permitted to form joints.**

**Traffic Railing/Junction Slab Detail**

(32" F-Shape shown, other Traffic Railings similar)

(32" F-Shape Traffic Railing, see Plans for Traffic Railing type)

**Junction Slab (See Index Series 6100)**

3" Ø PVC Drain Pipe at 10 ft. max. spacing (Typ.)

See Typical Backfill Detail

**TRAFFIC RAILING/JUNCTION SLAB DETAIL**

3" Ø PVC Drain Pipe. Slope down \( \frac{1}{2} \) from back to front of wall, and extend \( \frac{1}{2} \) beyond both front face and back face of wall.

Limits of Excavation

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.

**TYPICAL BACKFILL DETAIL**

Inside ends of weep holes shall be covered with 1.0 square foot of galvanized mesh with 1/8" openings.

\[
\text{Limits of Excavation}
\]

**EXPANSION JOINT DETAIL**

**SECTION A-A**

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**TYPICAL CORNER JOINT DETAIL**

At Contractor's option, Surface Treatments may terminate 6" below ground line

**Wall Joint**

**Wall Joint**

* Key to stop at top of footing and 6" from top of wall. Joint across footing and top of wall to be a straight line.

**Stay-In-Place Plastic Preformed Bond Beakers are permitted to form joints.**

**V-GROOVE DETAIL**

3" Ø PVC Drain Pipe at 10 ft. max. spacing (Typ.)

See Typical Backfill Detail

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