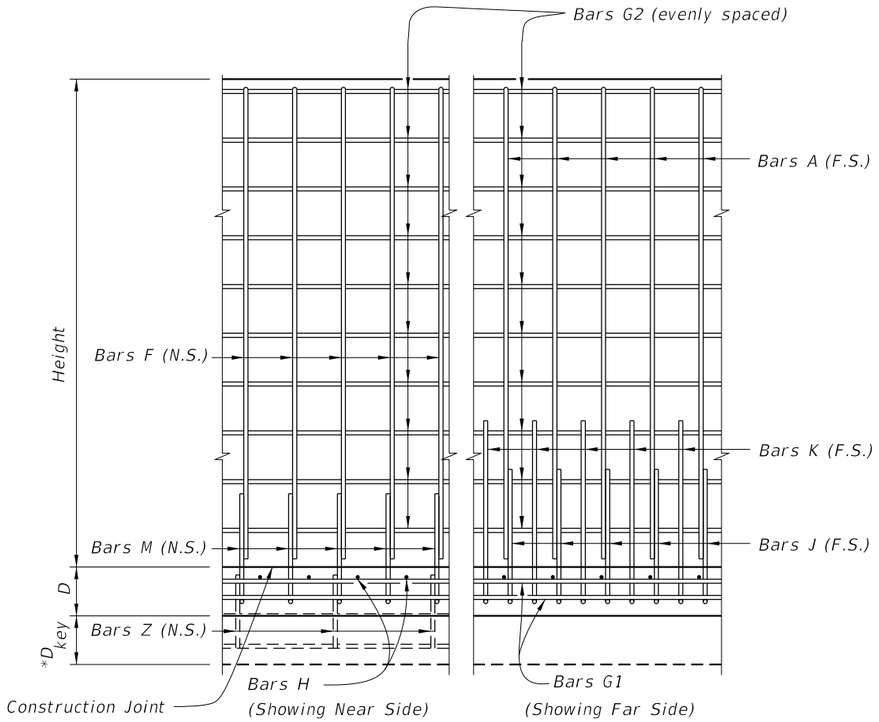
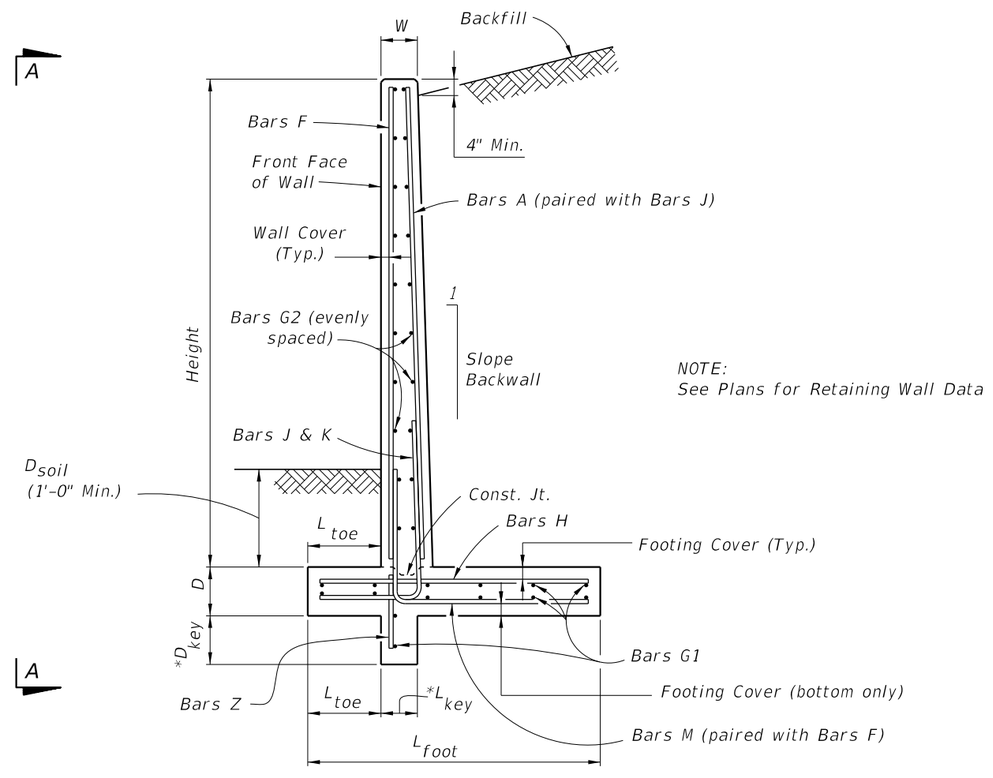


VIEW A-A

(Shear key shown dashed)



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

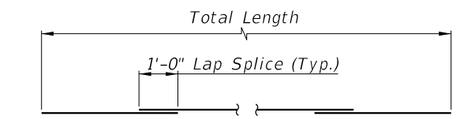
TYPICAL SECTION

NOTES

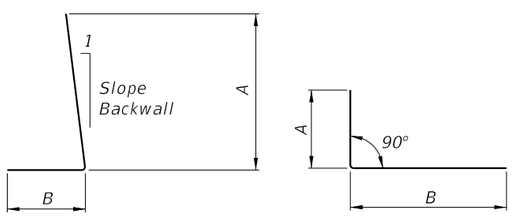
TRAFFIC RAILINGS OR PARAPETS:
If there is a Traffic Railing or Parapet on the wall, align Wall Joints with V-Grooves, and Wall Expansion Joints with Barrier Open Joints.

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

REINFORCING BENDING DIAGRAMS



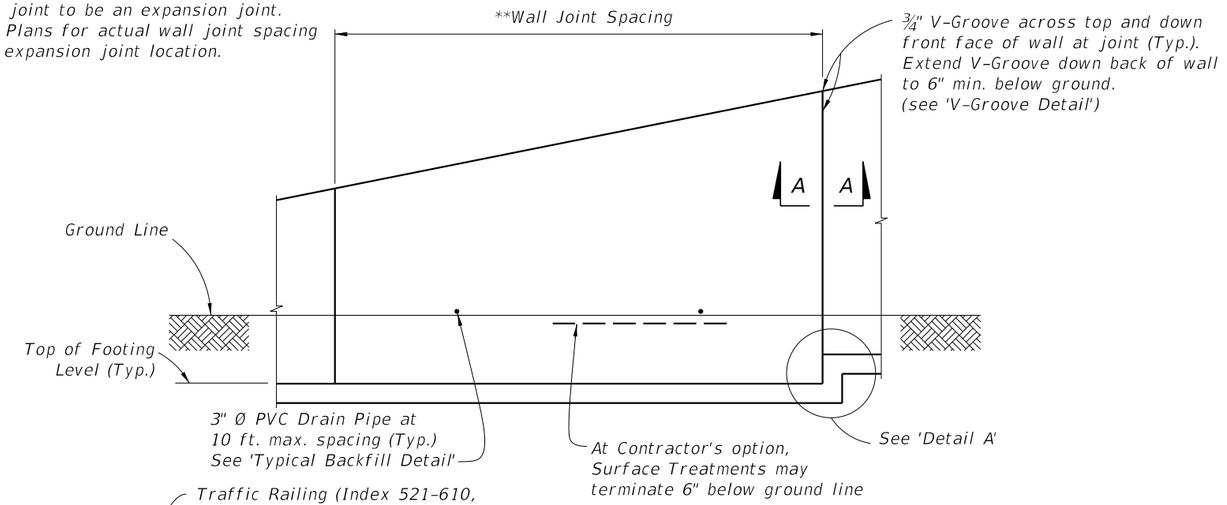
BARS G1



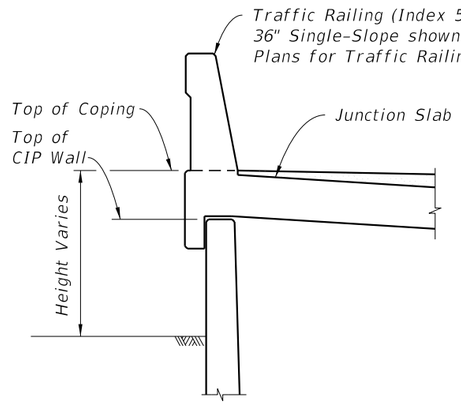
BARS J & K *BARS M*

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.

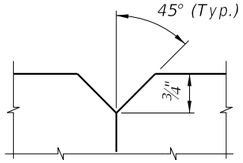


FRONT ELEVATION

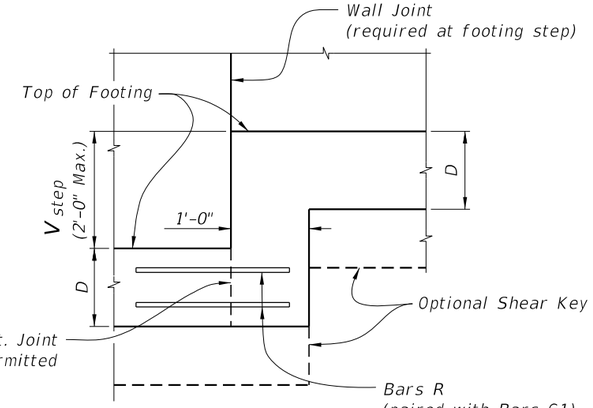


TRAFFIC RAILING/JUNCTION SLAB DETAIL

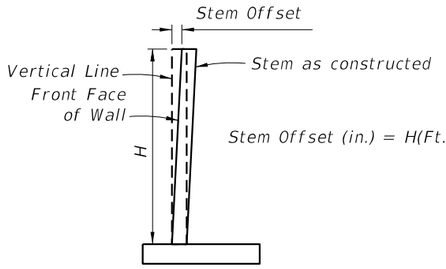
(36" Single-Slope shown, other Traffic Railings similar)



V-GROOVE DETAIL

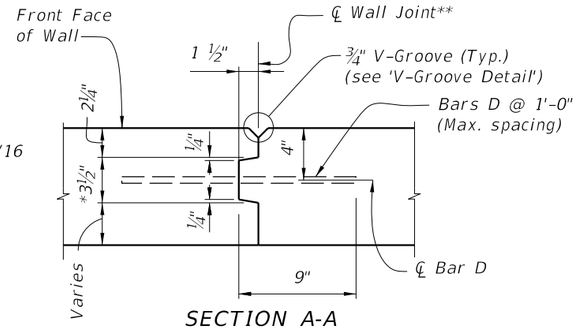


DETAIL A

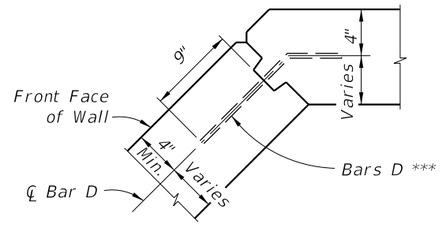


STEM OFFSET VALUES

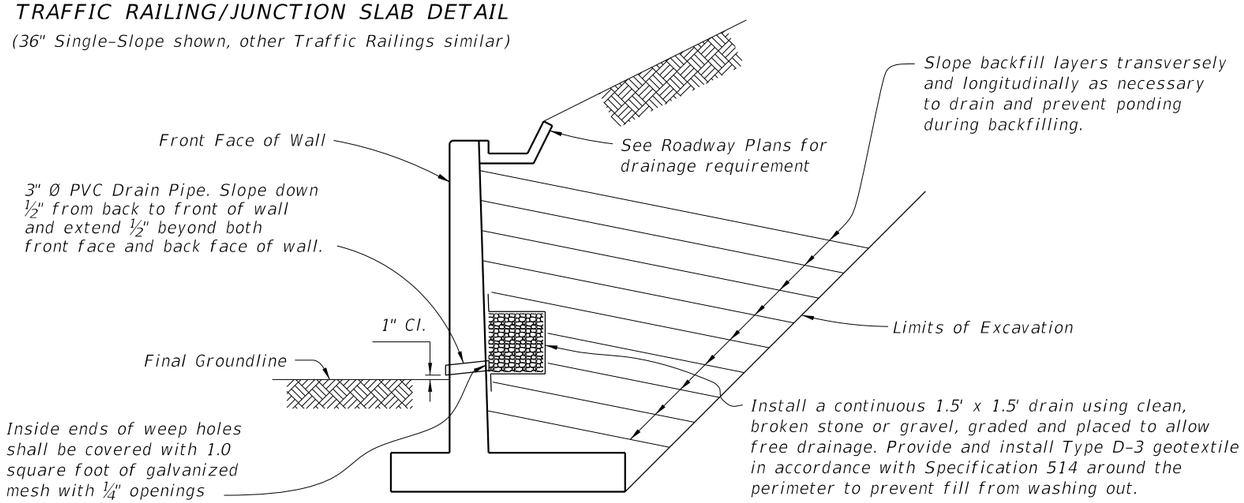
(for H < 20 Ft.)



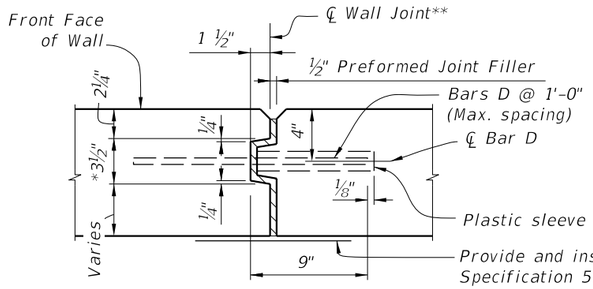
SECTION A-A
WALL JOINT DETAIL



TYPICAL CORNER JOINT DETAIL



TYPICAL BACK-FILL DETAIL



SECTION A-A
EXPANSION JOINT DETAIL

* 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.

*** Bars D: Where a bend is required to maintain clearances, submit bend angle to GFRP supplier; steel reinforcing may be field bent.

9/10/2024 11:26:59 AM

LAST REVISION	REVISION	DESCRIPTION:	FY 2025-26 STANDARD PLANS	CANTILEVER RETAINING WALL (C-I-P)	INDEX	SHEET
11/01/23					400-010	2 of 2