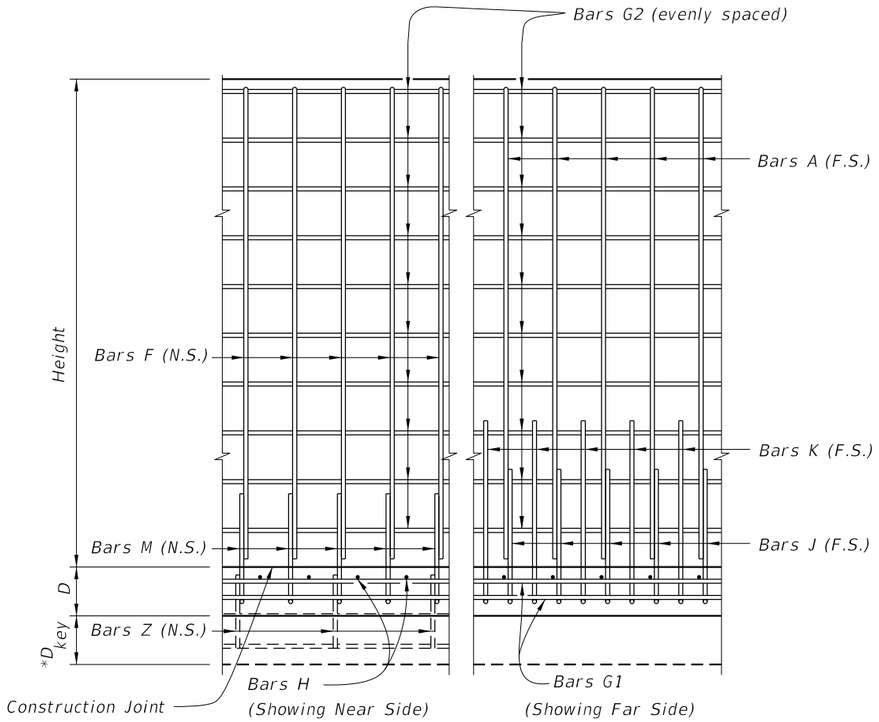
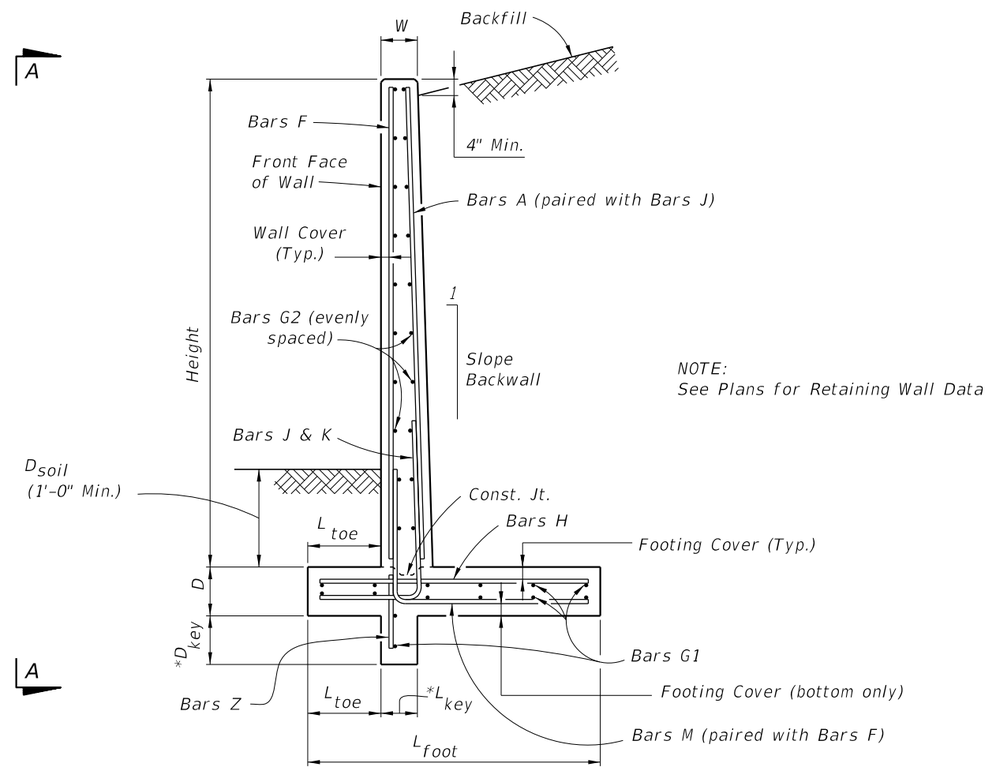


VIEW A-A

(Shear key shown dashed)



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

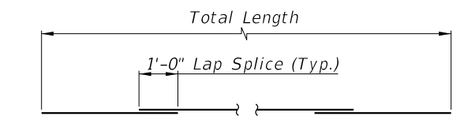
TYPICAL SECTION

NOTES

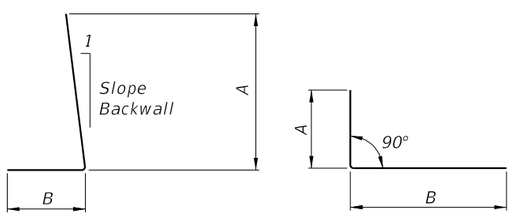
TRAFFIC RAILINGS OR PARAPETS:
If there is a Traffic Railing or Parapet on the wall, align Wall Joints with V-Grooves, and Wall Expansion Joints with Barrier Open Joints.

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

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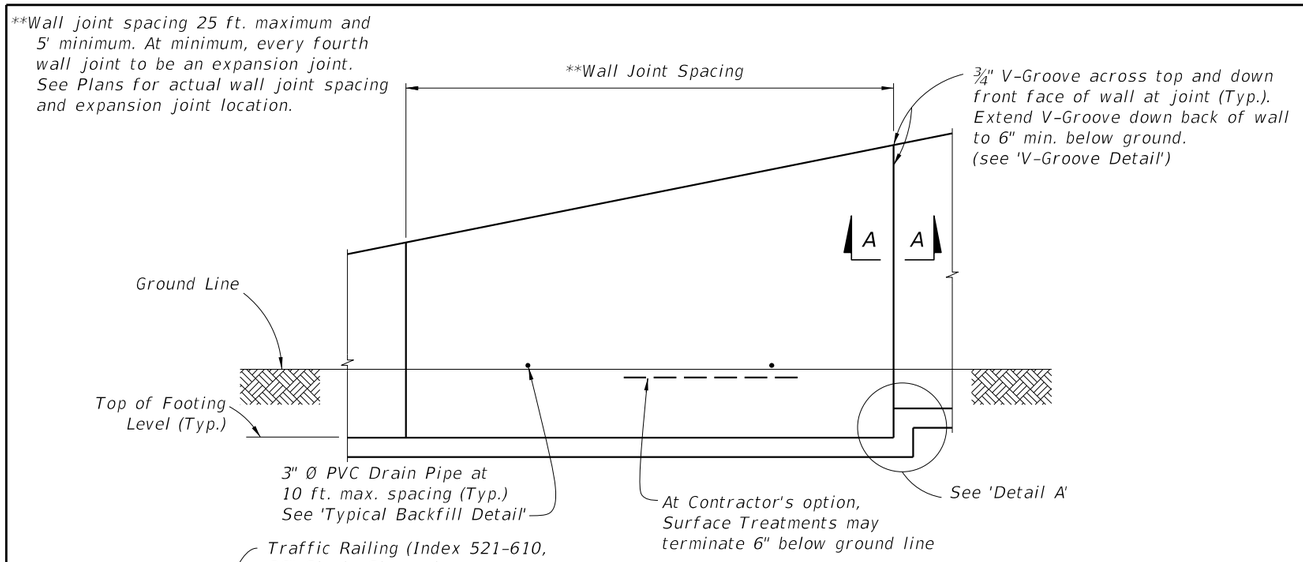
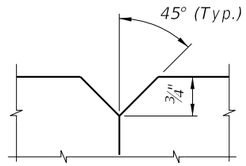
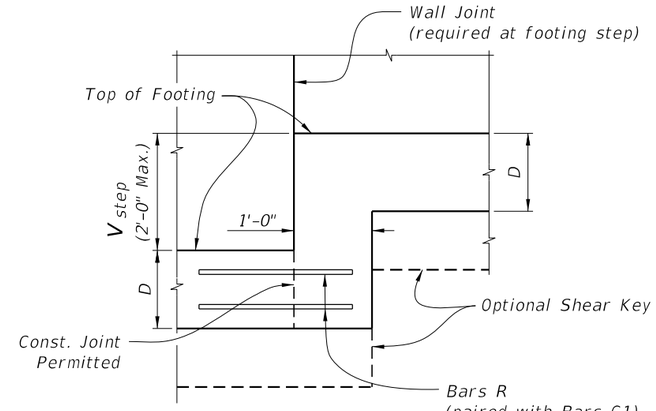


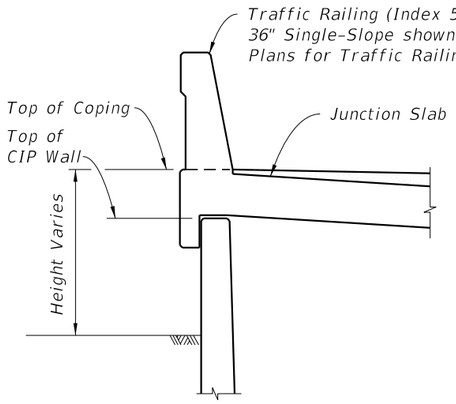
FRONT ELEVATION



V-GROOVE DETAIL

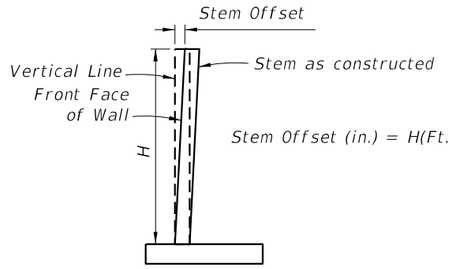


DETAIL A



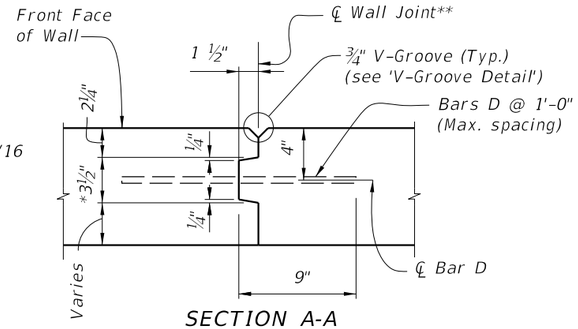
TRAFFIC RAILING/JUNCTION SLAB DETAIL

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

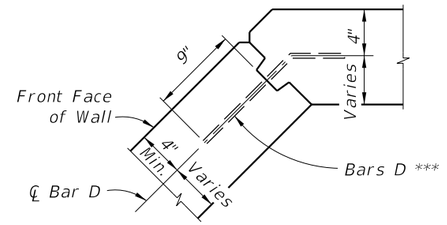


STEM OFFSET VALUES

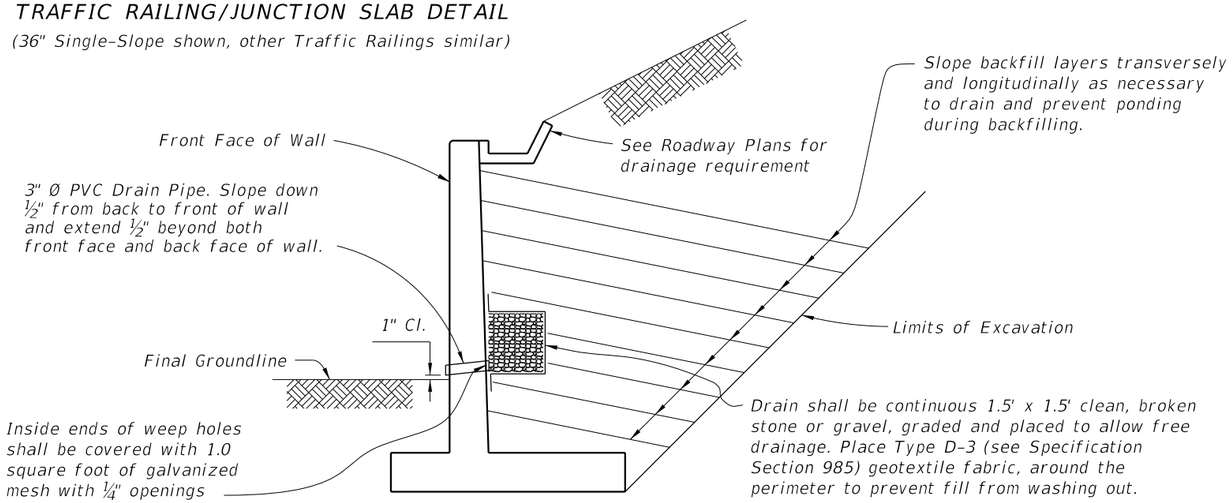
(for H < 20 Ft.)



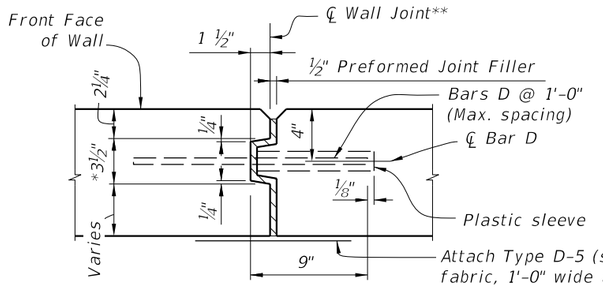
SECTION A-A
WALL JOINT DETAIL



TYPICAL CORNER JOINT DETAIL



TYPICAL BACKFILL 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.

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10/6/2022

LAST REVISION	REVISION	DESCRIPTION:	FY 2023-24 STANDARD PLANS	CANTILEVER RETAINING WALL (C-I-P)	INDEX	SHEET
11/01/20					400-010	2 of 2