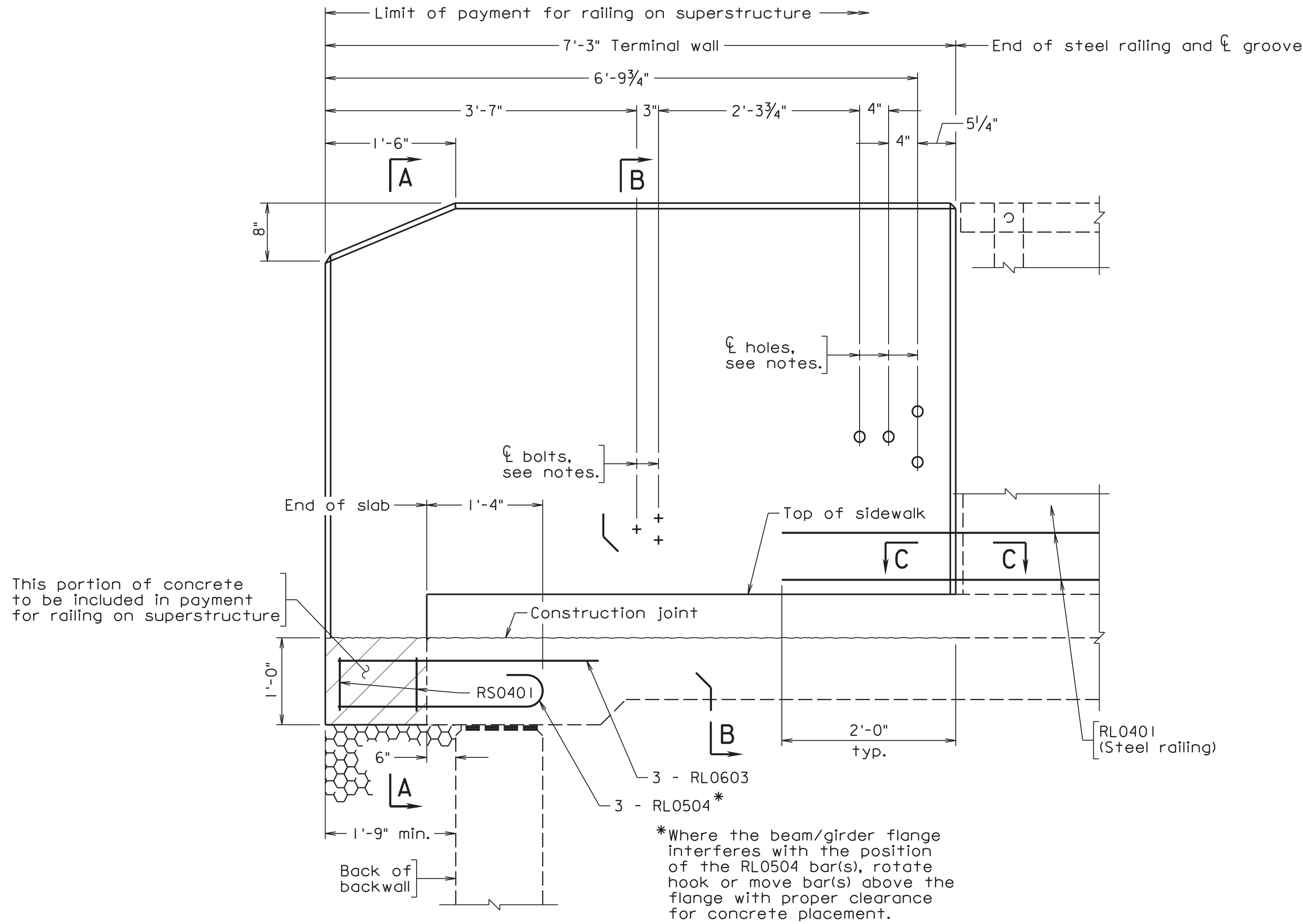
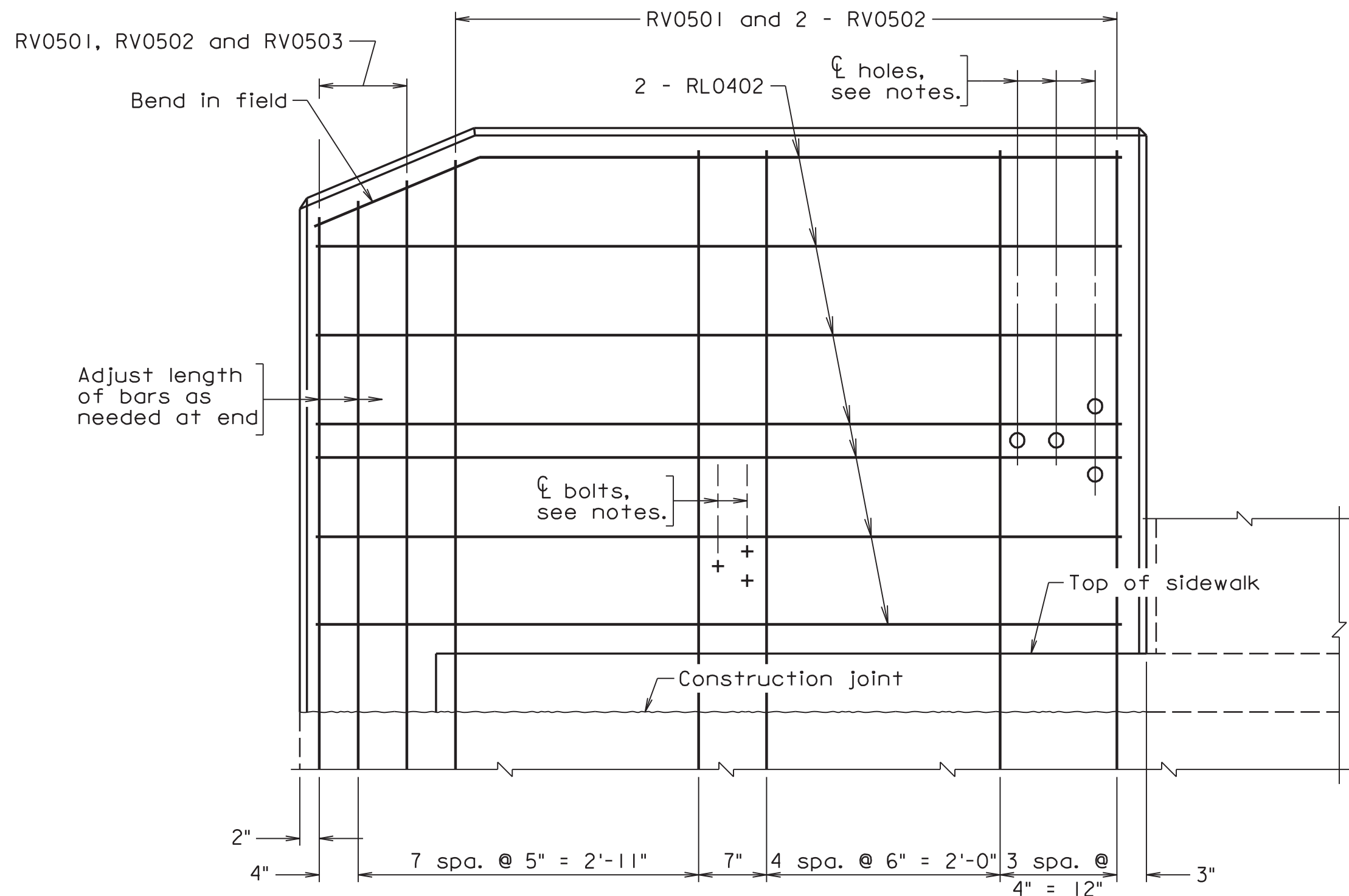
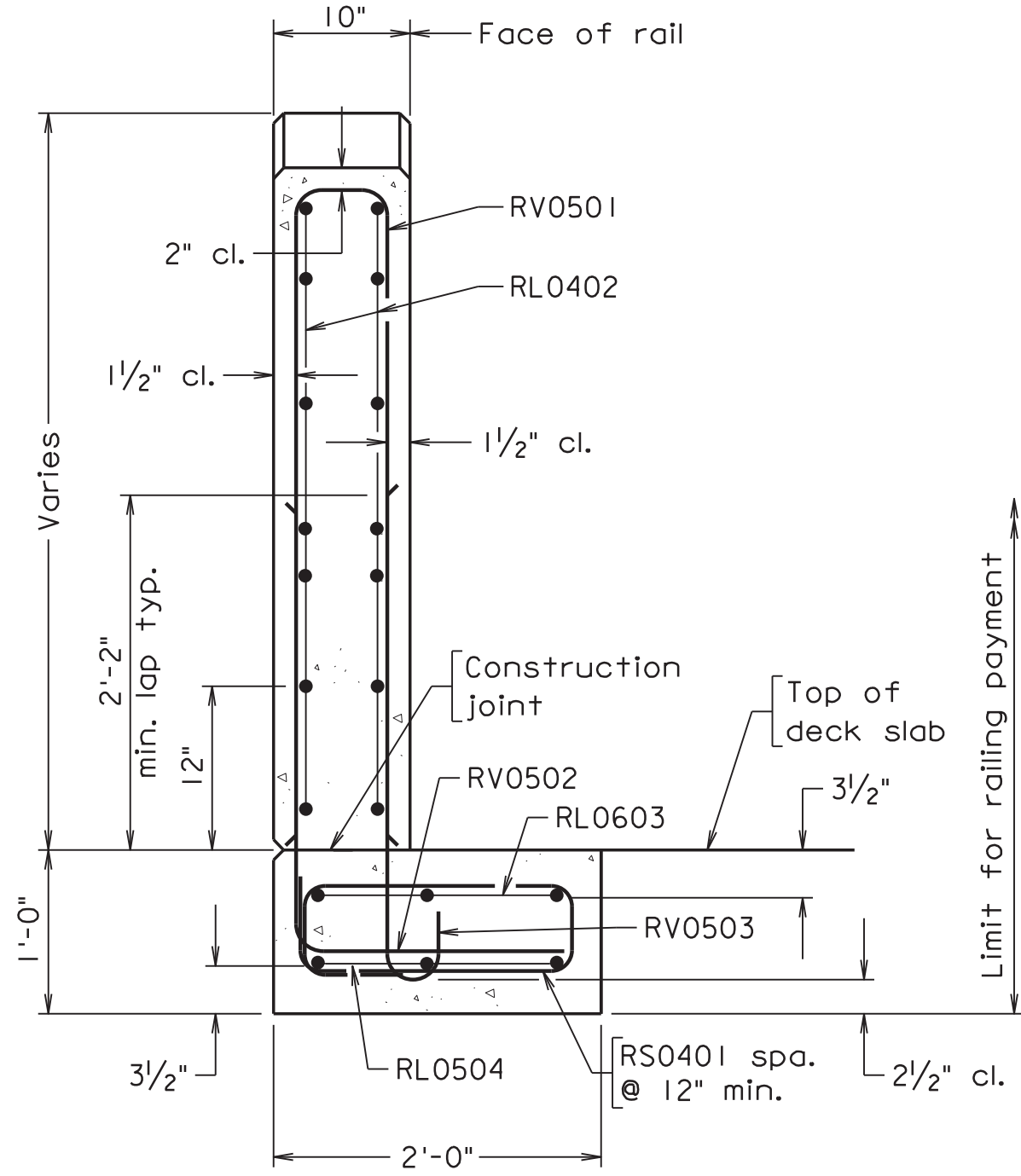




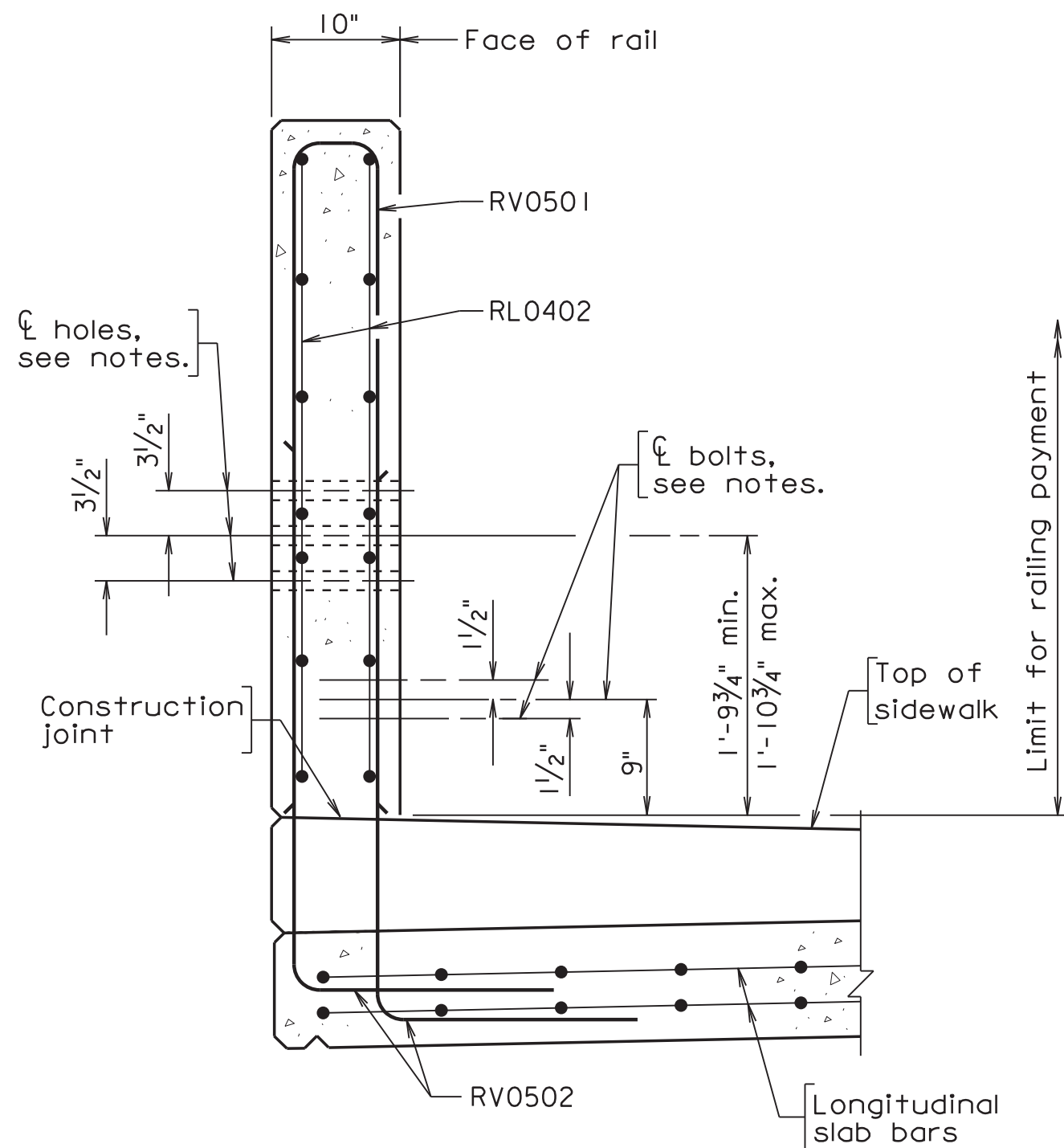
DECK SLAB EXTENSION
ABUTMENT
Scale: 1" = 1'-0"



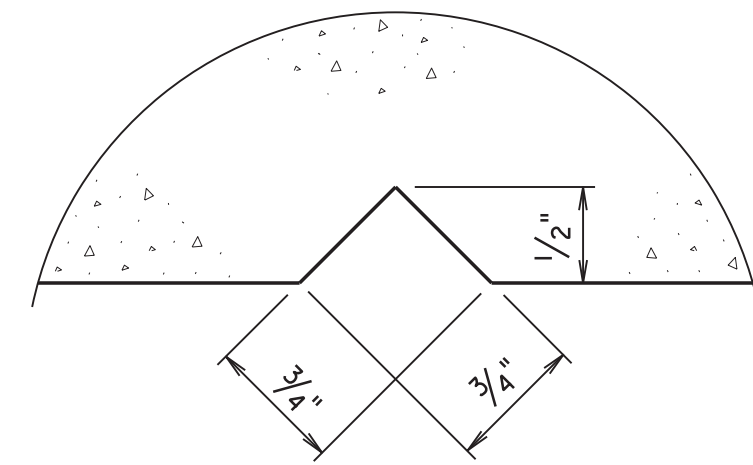
TERMINAL WALL
Scale: 1" = 1'-0"



SECTION A-A
Scale: 1" = 1'-0"



SECTION B-B
Scale: 1" = 1'-0"
Transverse slab bars not shown



SECTION C-C
Full scale
Groove detail for both sides of rail

Notes:

Plan dimensions shown are measured in the respective horizontal and vertical planes.

The Contractor shall determine all dimensions and details necessary for installation.

All concrete shall be Low Shrinkage Class A4 Modified.

All bevels for concrete shall be $\frac{3}{4}$ ".

All reinforcing steel shall be Corrosion Resistant Reinforcing Steel, Class I.

For details and reinforcing steel schedule of steel railing, see Sheet B-13.

Each terminal wall shall be cast as one piece.

Terminal walls are detailed to take guardrail attachment GR-F0A-1.

Holes, where shown, shall be formed with sleeves of 1 $\frac{1}{2}$ " diameter nominal pipe.

Bolts for guardrail attachment, where shown, shall be $\frac{5}{8}$ " diameter expansion anchor bolts, 6" long and shall be drilled and installed when rub rail is attached.

Costs for terminal wall shall include concrete noted in plans and reinforcing steel indicated in Reinforcing Steel Schedule and shall be included in the price bid for Railing, BR27D 3 rails.

REINFORCING STEEL SCHEDULE					
RV0501	RV0502	RL0504, RV0503	RS0401		
Mark	Size	No.	Pin ϕ	Length	Location
RL0402	#4	56	—	6'-11"	Terminal wall
RL0603	#6	12	—	4'-0"	Terminal wall end support
RL0504	#5	12	3 $\frac{3}{4}$ "	2'-10"	Terminal wall end support
RV0501	#5	68	3 $\frac{3}{4}$ "	8'-11"	Terminal wall
RV0502	#5	124	3 $\frac{3}{4}$ "	5'-5"	Terminal wall
RV0503	#5	12	3 $\frac{3}{4}$ "	4'-3"	Terminal wall
RS0401	#4	8	3"	5'-3"	Terminal wall end support

Dimensions in bending diagram are out-to-out of bars.



Revisions	Date

Issue Date:	03/10/17
Drawn By:	DKA
Designed By:	MLF
Checked By:	CMT
Date:	03/10/17

Mattem & Craig
ENGINEERS • SURVEYORS
701 FIRST STREET, S.W.
ROANOKE, VIRGINIA 24016
(540) 346-9342
FAX (540) 345-1691

City of Roanoke
Planning, Building, & Development
COMPREHENSIVE DEVELOPMENT PLAN
APPROVED
by Adrian Gilbert 03/15/2018

BERKLEY ROAD OVER GLADE CREEK TRIBUTARY A
54" BR27D TERMINAL WALL
CITY OF ROANOKE, VA

Vertical Scale:
N/A

Horizontal Scale:
AS NOTED

Commission Number:
34301

Sheet No.:

B-15