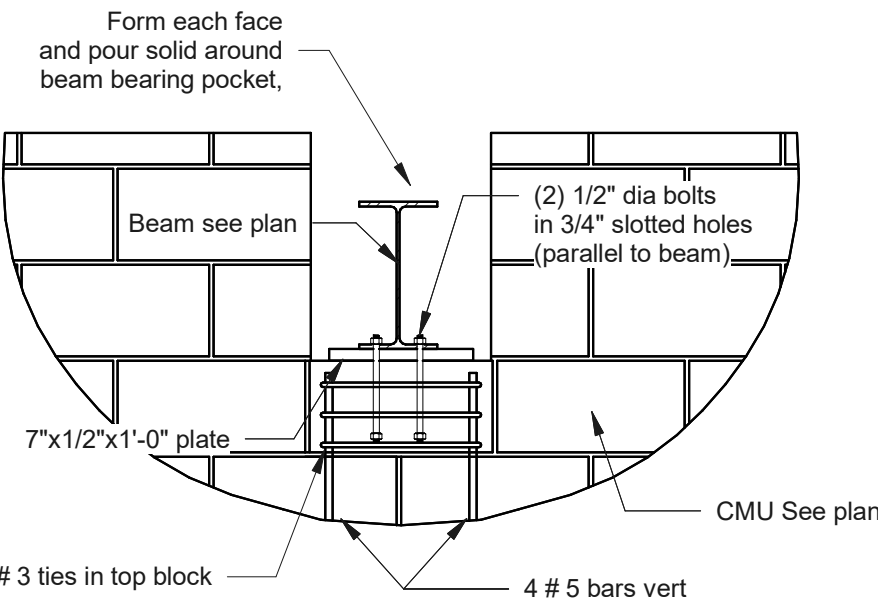




Typical Steel Beam Bearing Perpendicular to Wall

Loose Brick Lintel Schedule		
Span	Lintel Size	Bearing Each End
4'-0" or less	L 3 1/2"x 3 1/2"x 5/16"	8"
6'-0" or less	L 4"x 3 1/2"x 5/16"	8"
8'-0" or less	L 5"x 3 1/2"x 5/16"	8"
10'-0" or more	relief angle attached to steel frame, see sections & details	

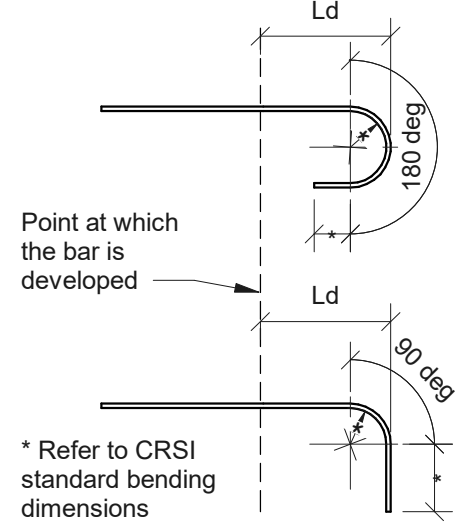
Brick lintels are hot dip galvanized. Paint coating per Arch spec.

18 BRICK - Loose Angle Lintel Schedule S0.03 3/4" = 1'-0"

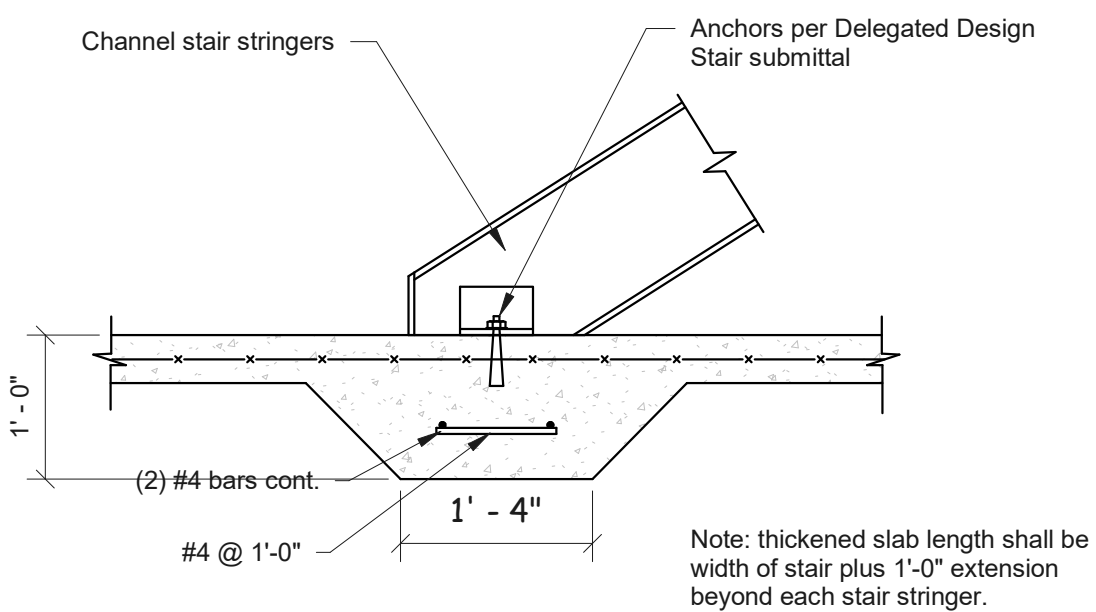
Reinforcing Steel Lap Splice Lengths			
Bar Size	Column Splices	Bm. Flg & Wall Splices	
		Top Bars	Other Bars
#3	12"	19"	15"
#4	15"	25"	19"
#5	19"	31"	24"
#6	23"	37"	29"
#7	28"	54"	42"
#8	30"	62"	48"
#9	34"	70"	54"
#10	38"	79"	61"
#11	42"	87"	67"

- Notes:
- Top bars are any horizontal reinforcing steel that has another layer of steel more than 2" below the bars or reinforcing steel that has more than 12" of concrete below the bars.
 - All horizontal reinforcing bars in walls may be detailed as "Other Bars".
 - All corner bars may be detailed as "Other Bars".

Reinforcing Steel Lap Splice & Development Length for Concrete Masonry				
Bar Size	Bar in center of wall			Bar in each face of wall
	6" CMU	8" CMU	12" CMU	
#3	16"	16"	16"	16"
#4	21"	21"	21"	30"
#5	32"	26"	26"	48"
#6	61"	43"	40"	85"
#7	NA	60"	46"	115"
#8	NA	NA	61"	NA

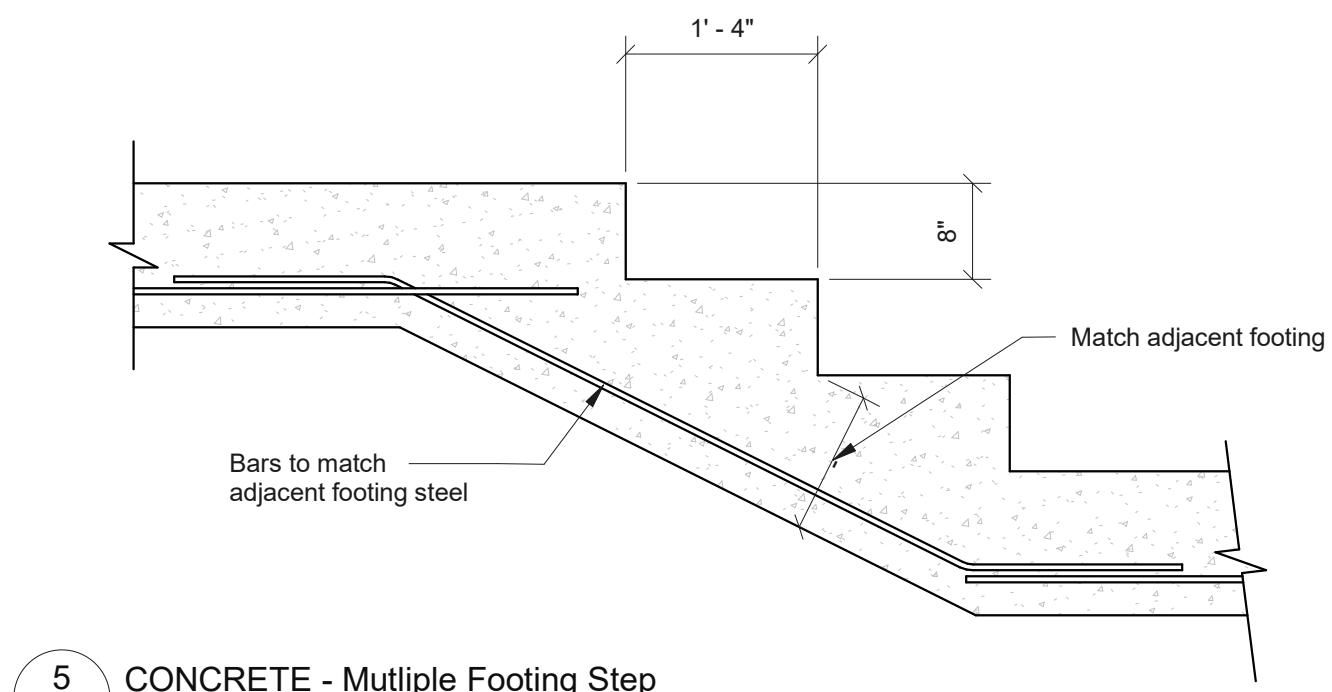


13 CONCRETE - Rebar Schedule S0.03 3/4" = 1'-0"



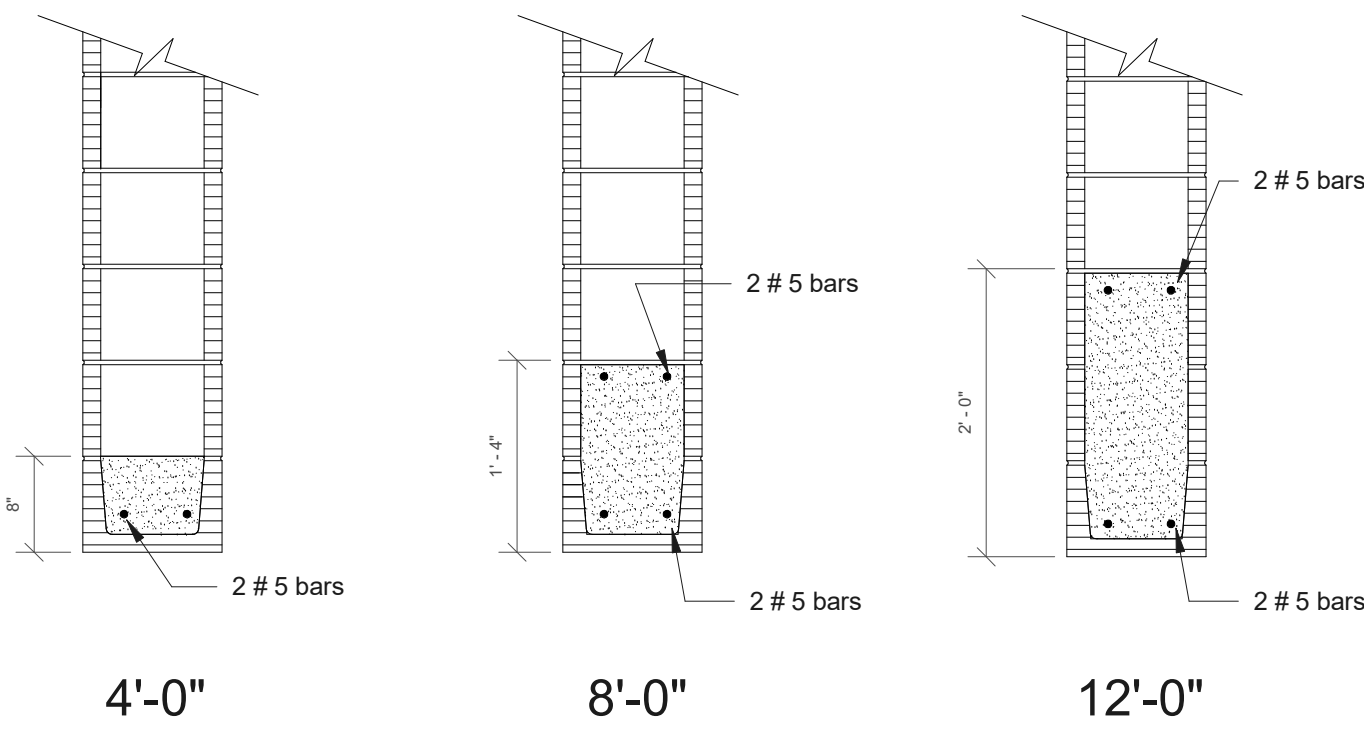
Note: The footing and reinforcing illustrated in this detail are of the minimum required. Larger footing may be required due to proximity of structural columns. See plan.

12 CONCRETE - Slab-On-Grade at Stair Stringer S0.03 3/4" = 1'-0"

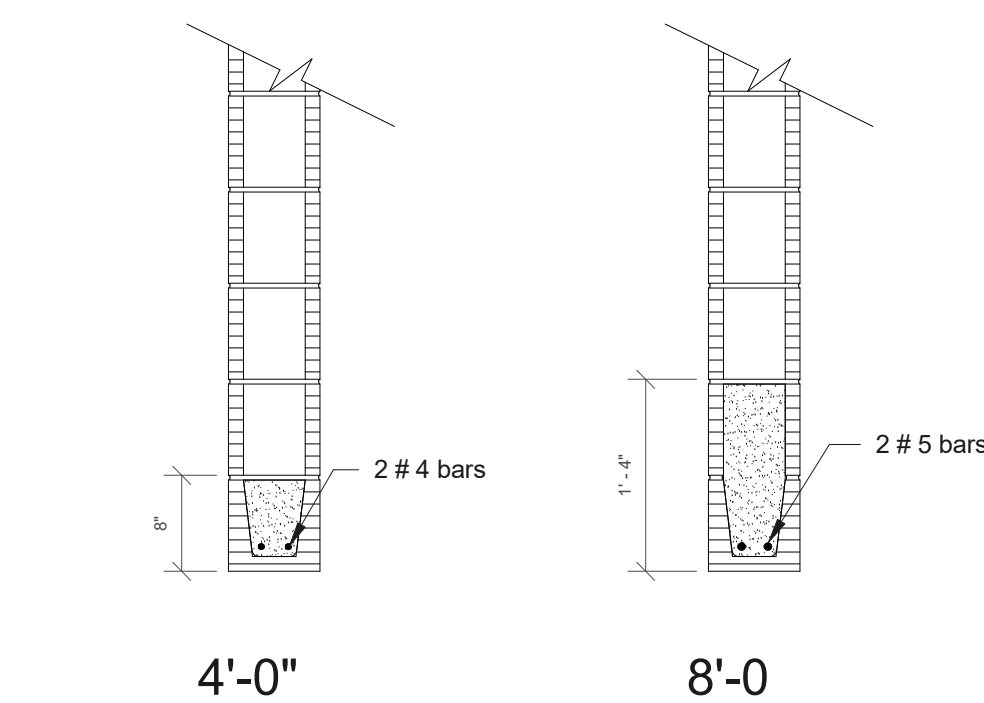


5 CONCRETE - Multiple Footing Step S0.03 3/4" = 1'-0"

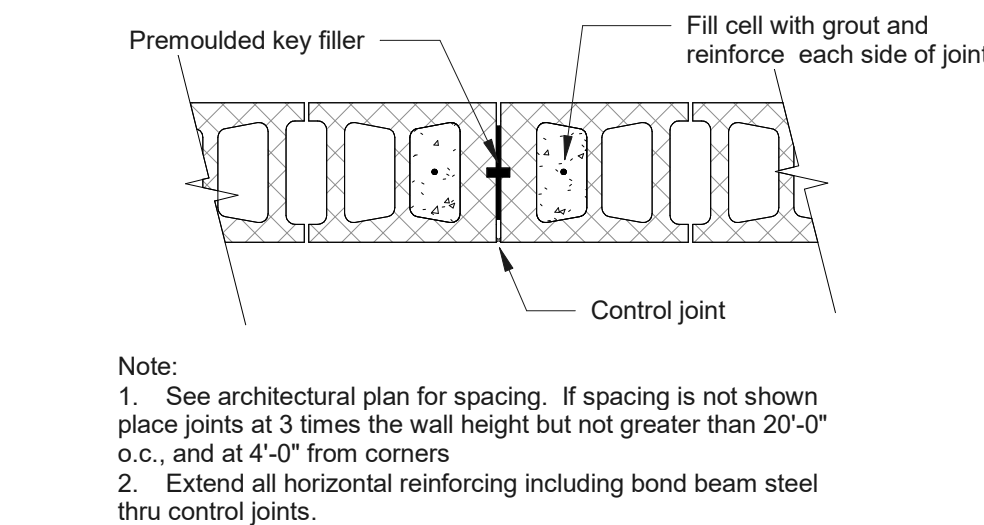
19 STEEL - Beam Bearing on CMU S0.03 3/4" = 1'-0"



15 CMU - 12" Lintels S0.03 3/4" = 1'-0"

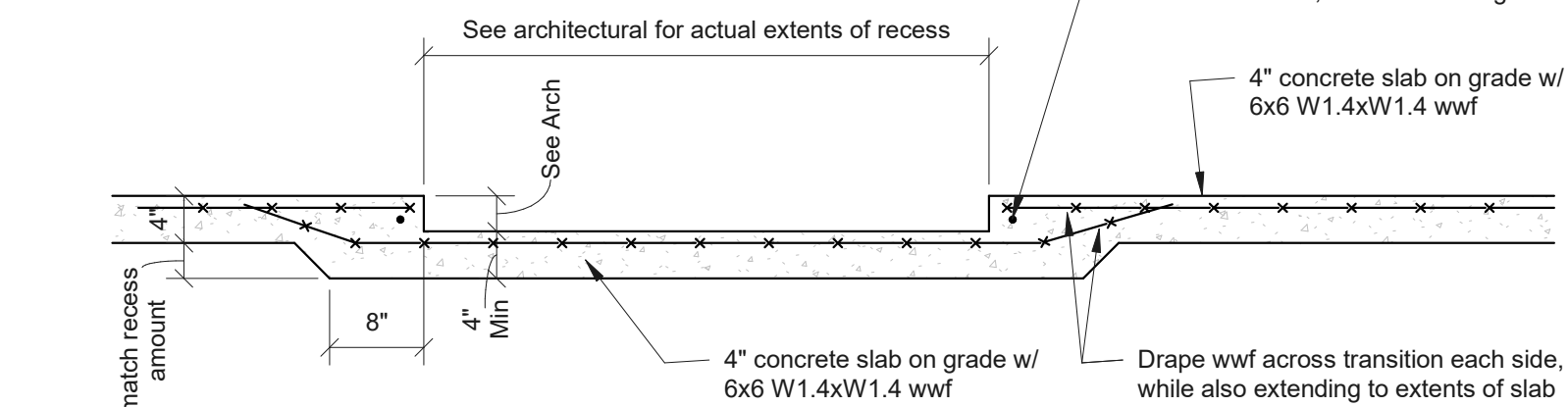


14 CMU - 8" Lintels S0.03 3/4" = 1'-0"

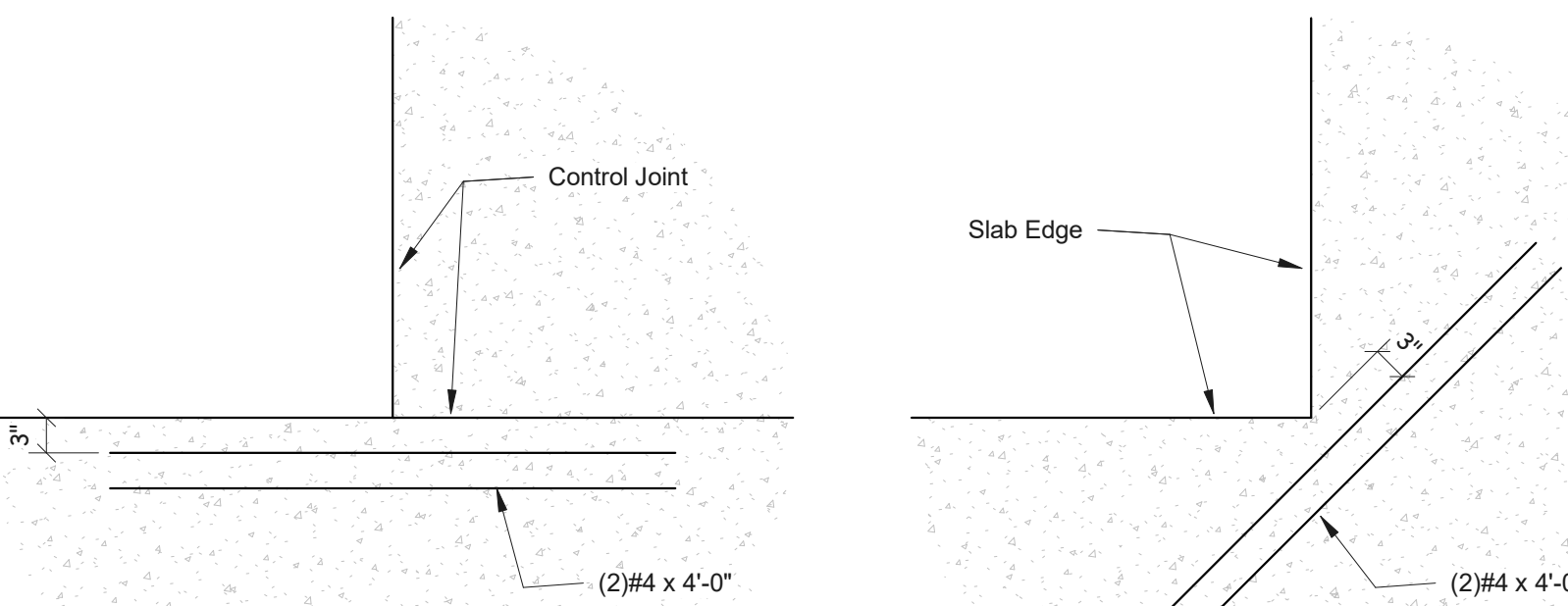


16 CMU - Wall Control Joint S0.03 3/4" = 1'-0"

17 CMU - Lintel Elevation S0.03 3/4" = 1'-0"

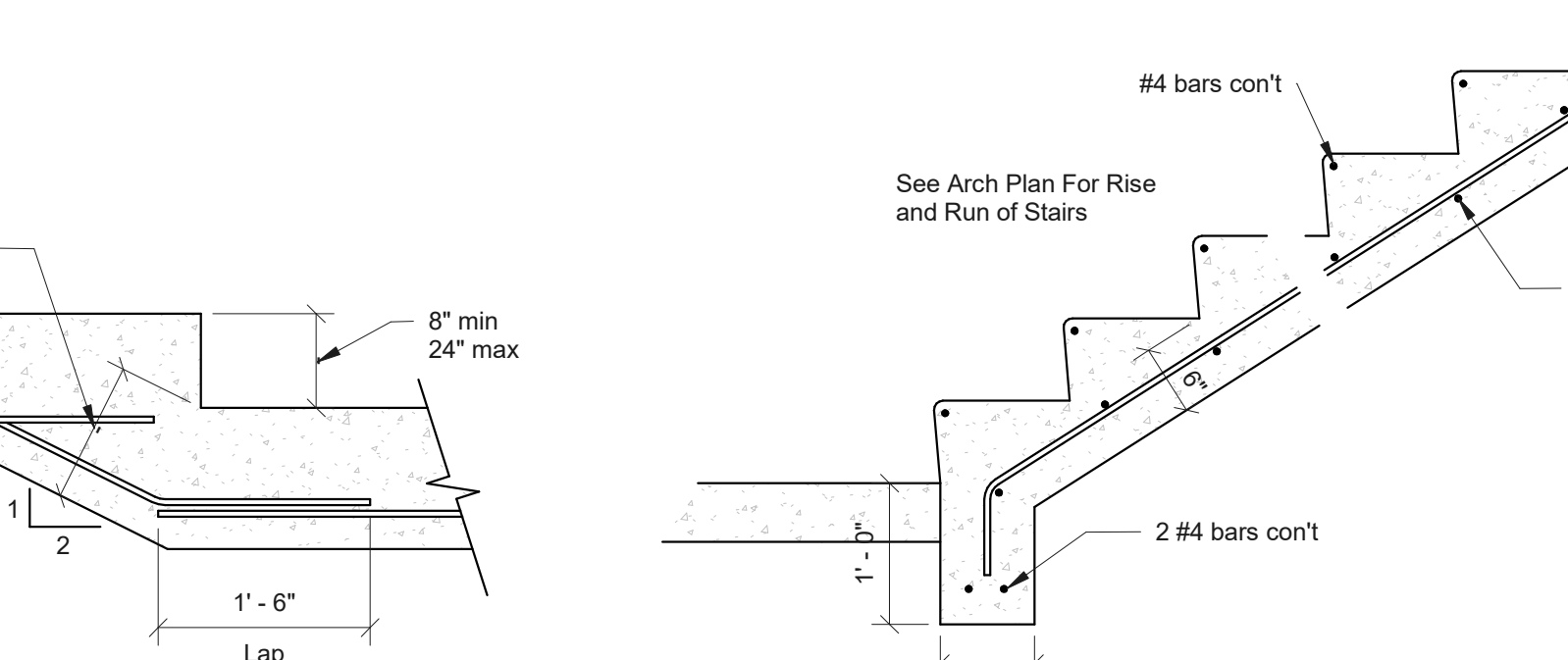


11 CONCRETE - Slab-On-Grade Recess S0.03 3/4" = 1'-0"

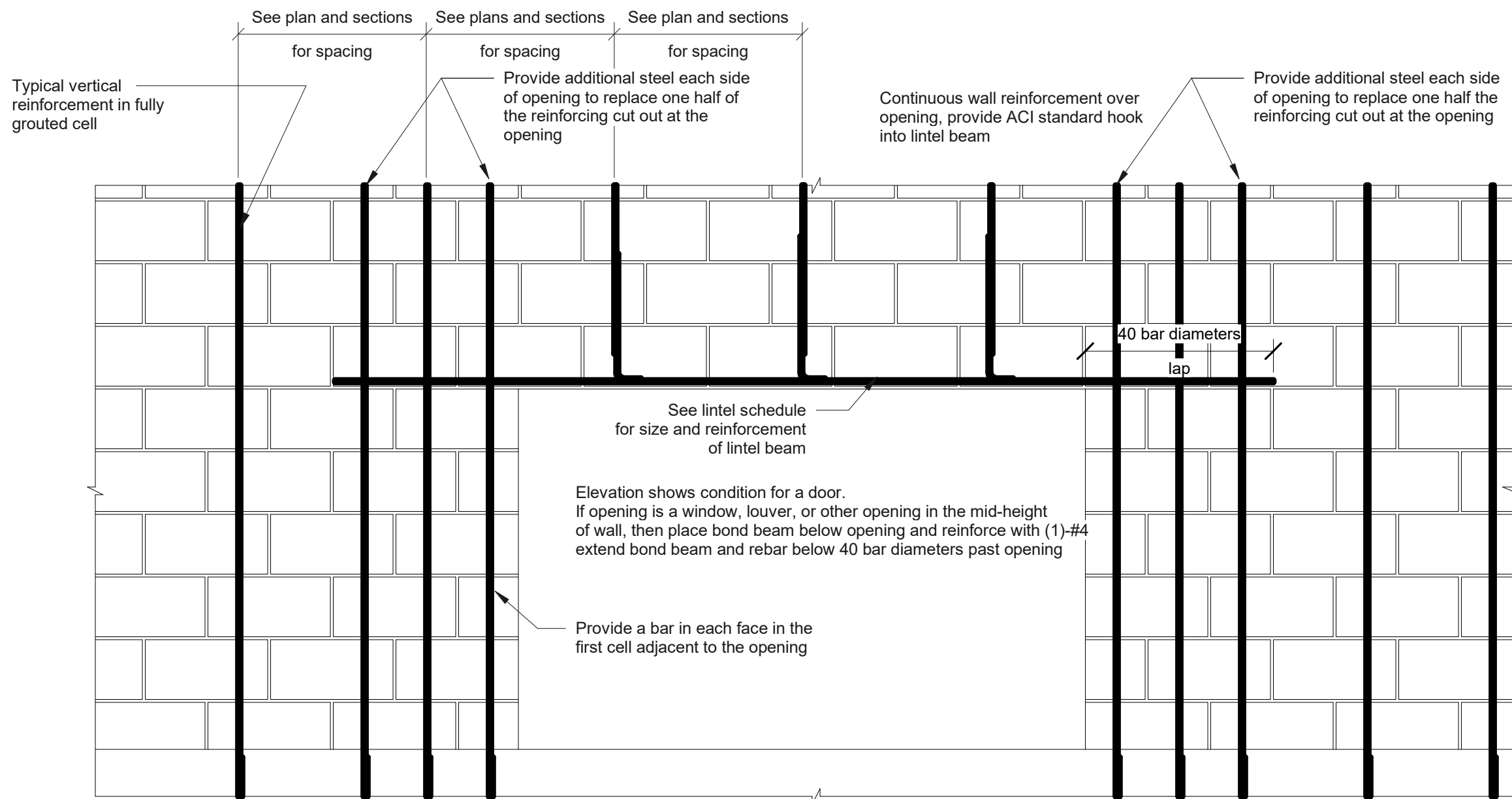


Discontinuous Control Joint

8 CONCRETE - Slabs-on-Grade Supp Rebar S0.03 3/4" = 1'-0"

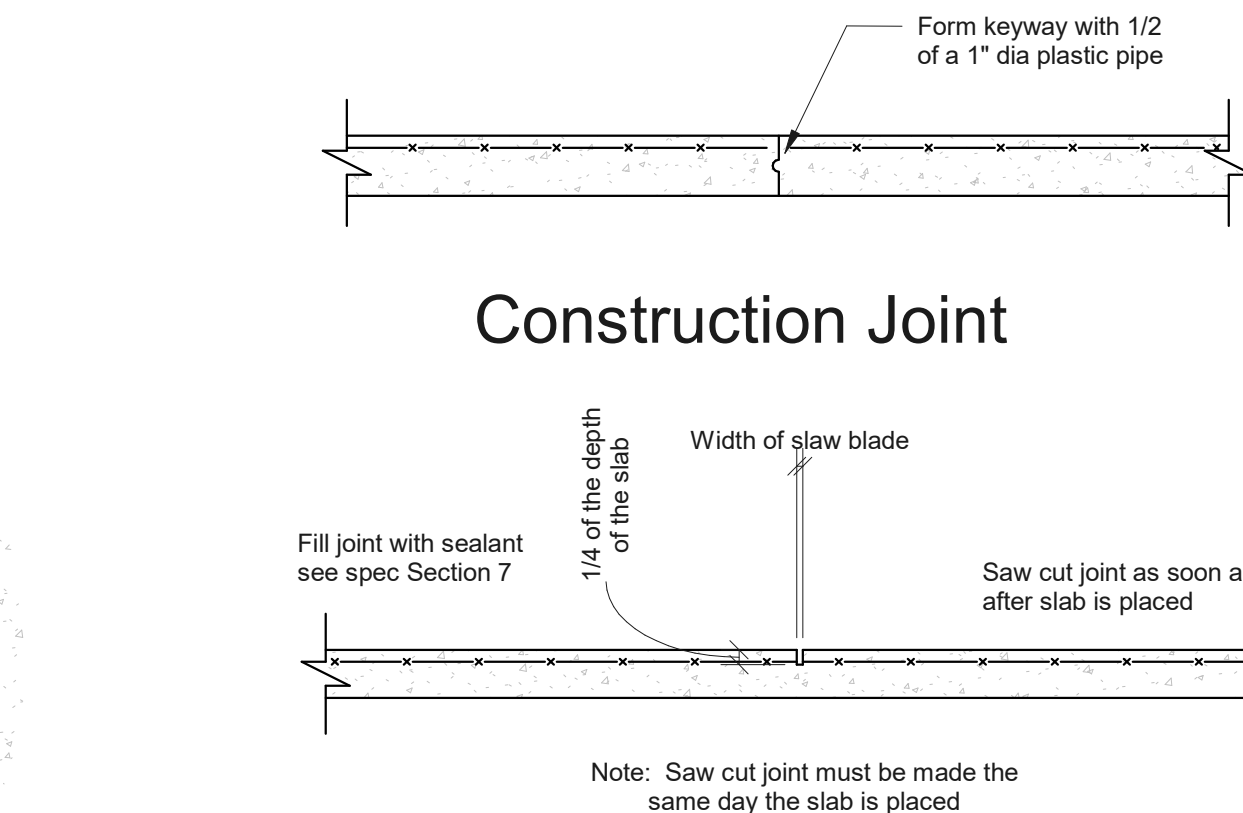


4 CONCRETE - Single Footing Step S0.03 3/4" = 1'-0"



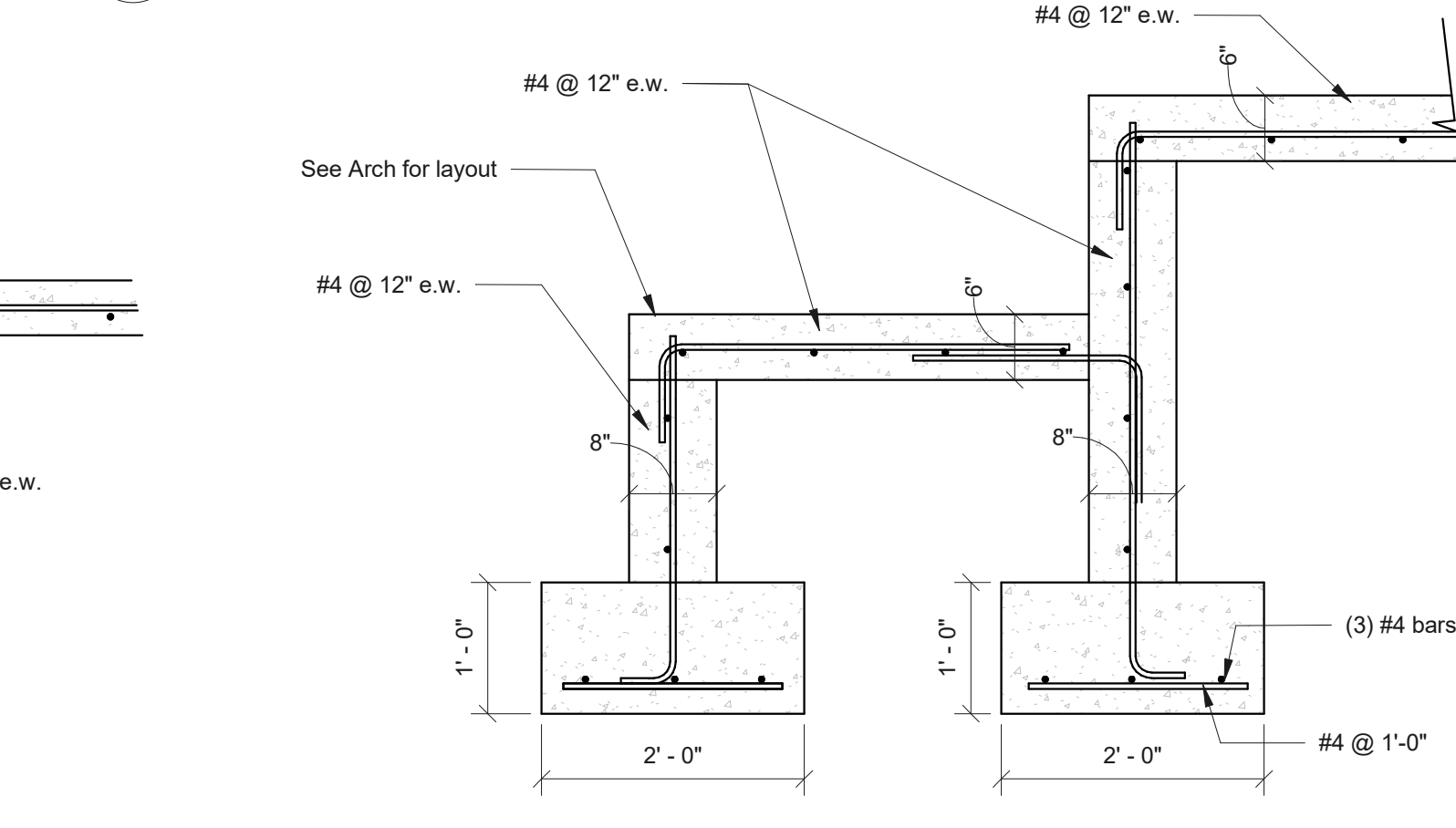
17 CMU - Lintel Elevation S0.03 3/4" = 1'-0"

10 CONCRETE - Slab-On-Grade Ramp Termination S0.03 3/4" = 1'-0"



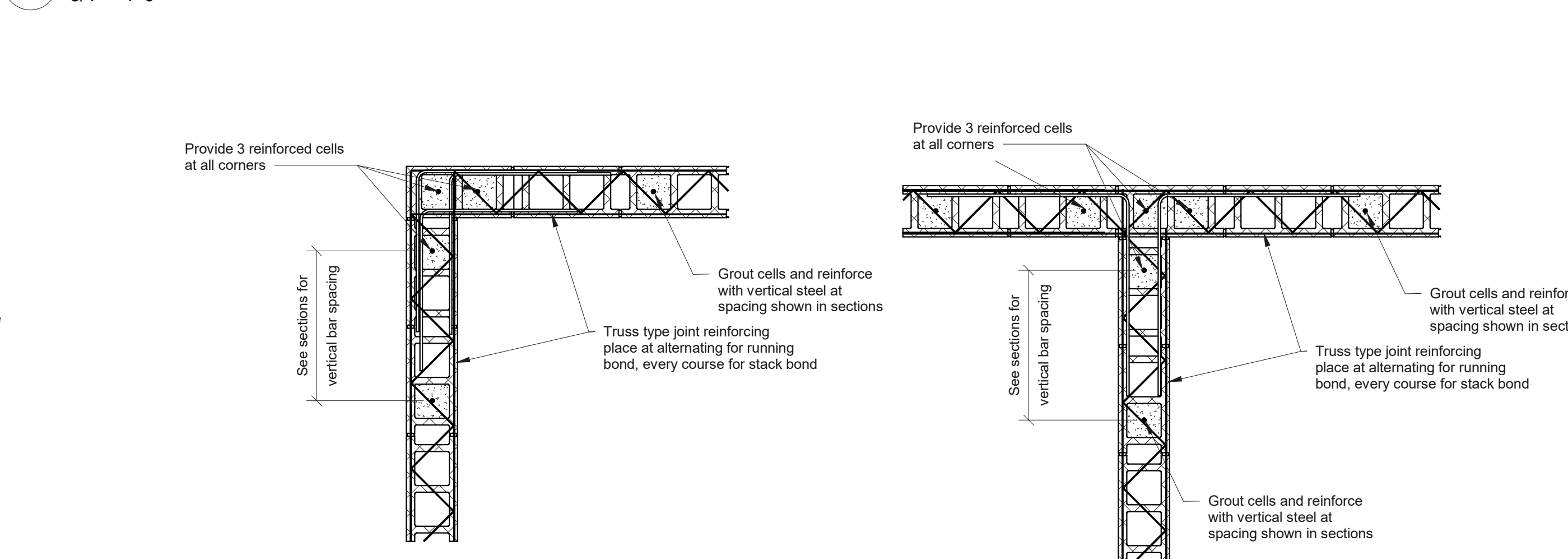
Control Joint

7 CONCRETE - Slabs-On-Grade Joints 4" Thick S0.03 3/4" = 1'-0"

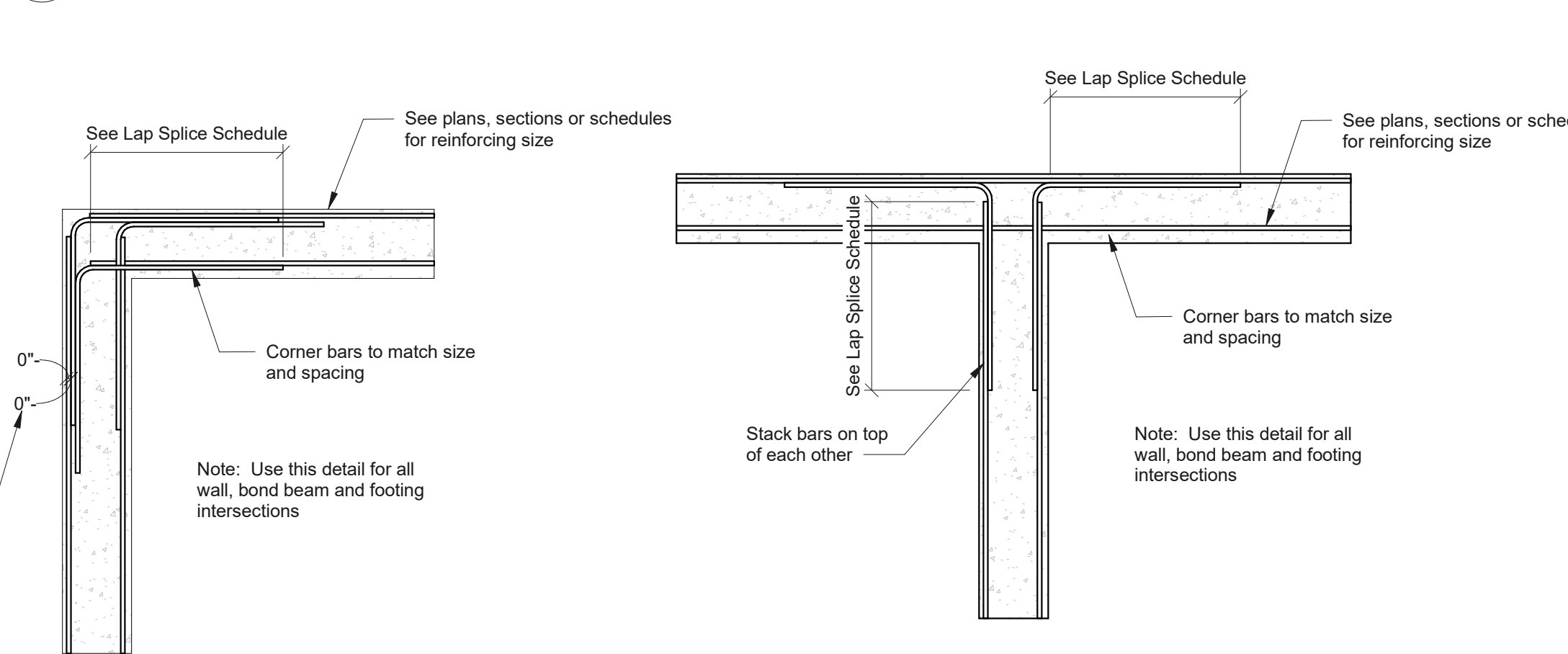


2 CONCRETE - Typical Ramp S0.03 3/4" = 1'-0"

9 CONCRETE - Slabs-On-Grade Column Isolation Joints S0.03 3/4" = 1'-0"



6 CMU - Corner/Intersection Reinforcing S0.03 3/4" = 1'-0"



1 CONCRETE - Corner/Intersection Reinforcing S0.03 3/4" = 1'-0"