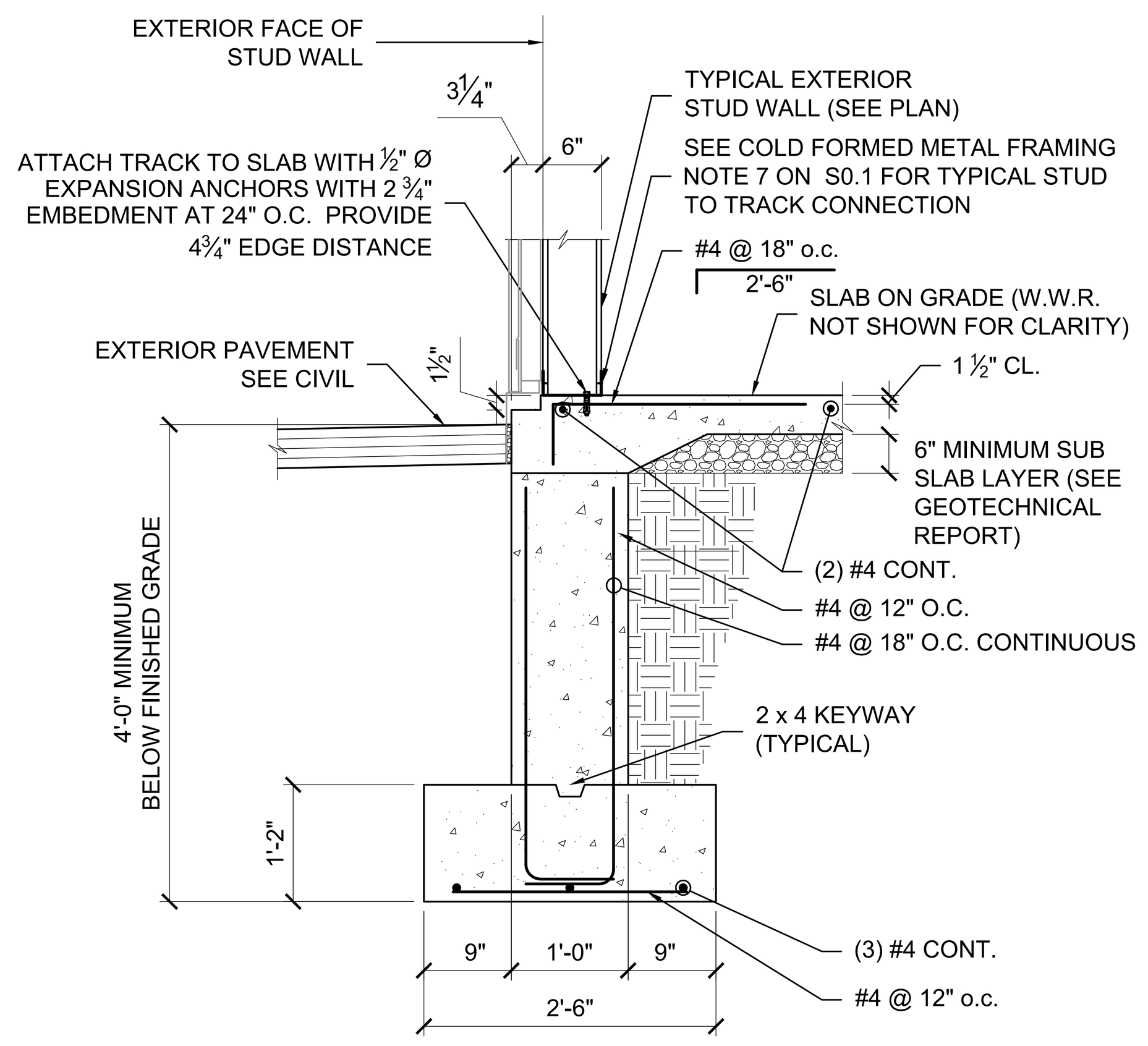
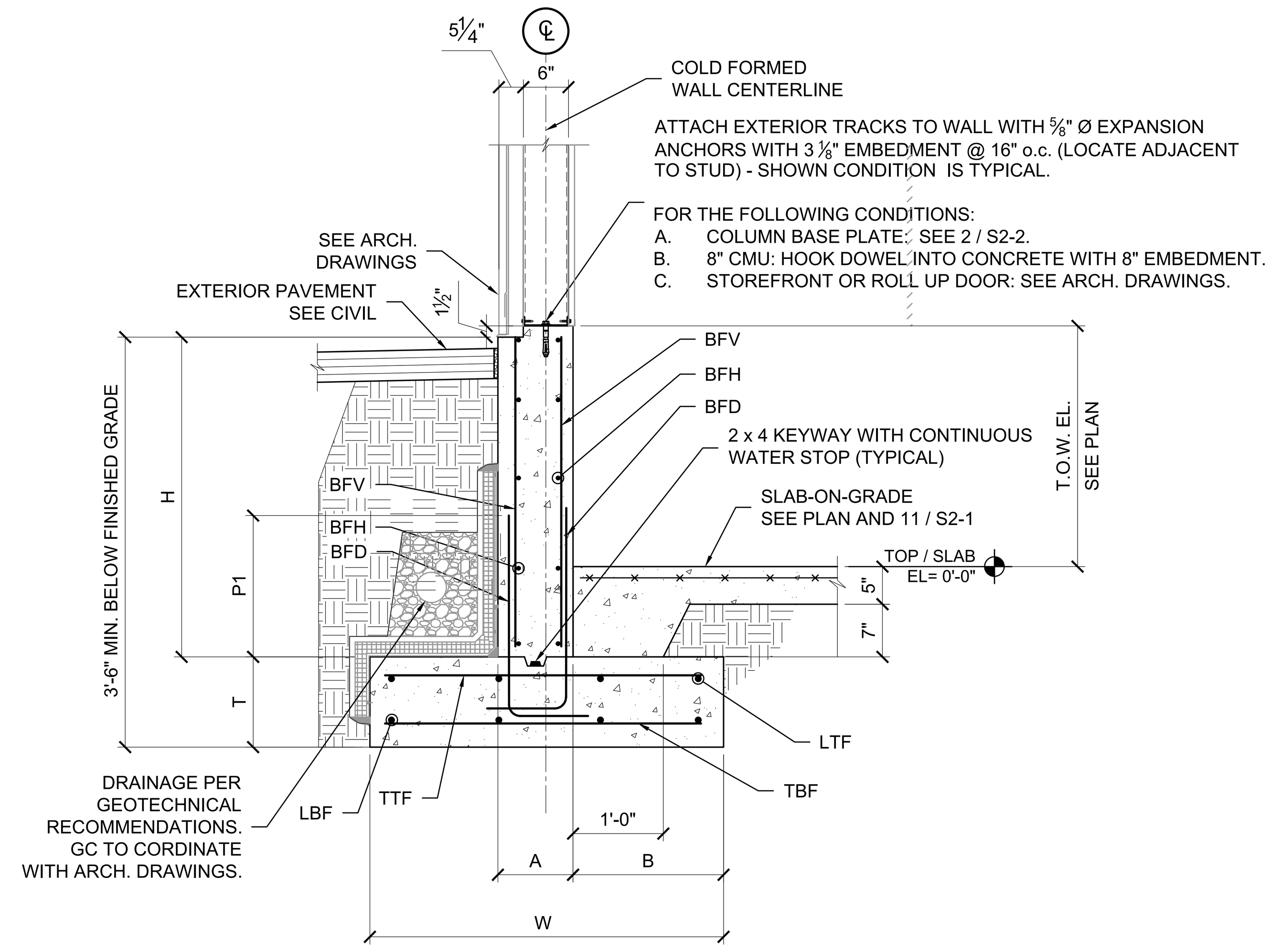


SECTION THRU EXTERIOR WALL FOOTING 1 / S2.2

SCALE: ¾" = 1'-0"

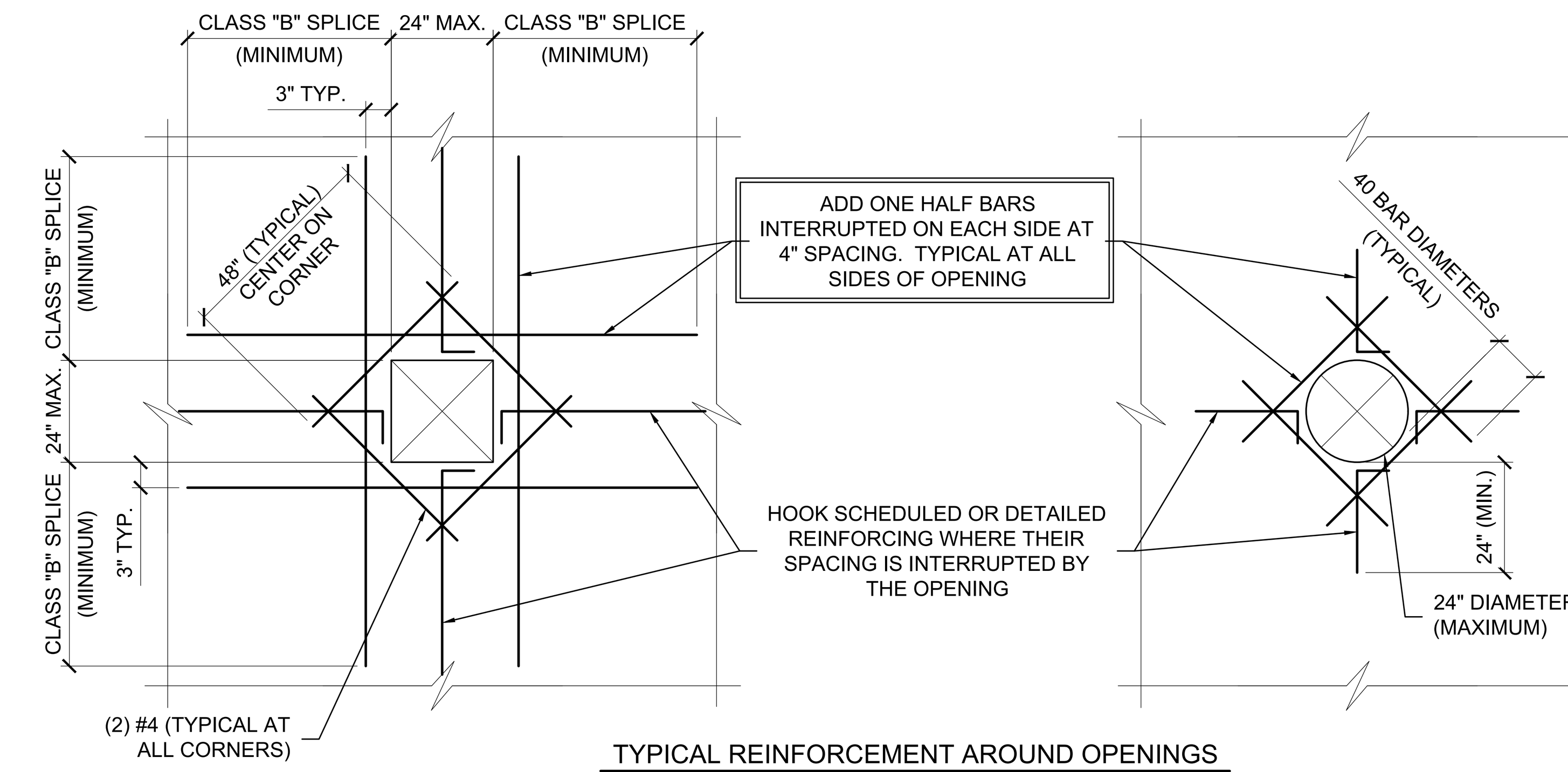


γ = 140 p.c.f. CANTILEVER RETAINING WALL SCHEDULE LEVEL EARTH SURFACE AT TOP OF WALL												
DIMENSIONS					FOOTING REINFORCEMENT				WALL REINFORCEMENT			
H	A	W	B	T	TTF	LTF	TBF	LBF	BFD	P1	BFV	BFH
9'-0"	1'-2"	5'-6"	2'-0"	1'-3"	#5@12"	6-#5	#5@12"	6-#5	#6@12"	3'-1"	#6@12"	#4@12"
15'-0"	1'-2"	8'-6"	2'-4"	1'-6"	#6@9"	9-#6	#6@9"	9-#6	#8@9"	5'-2"	#8@9"	#5@12"

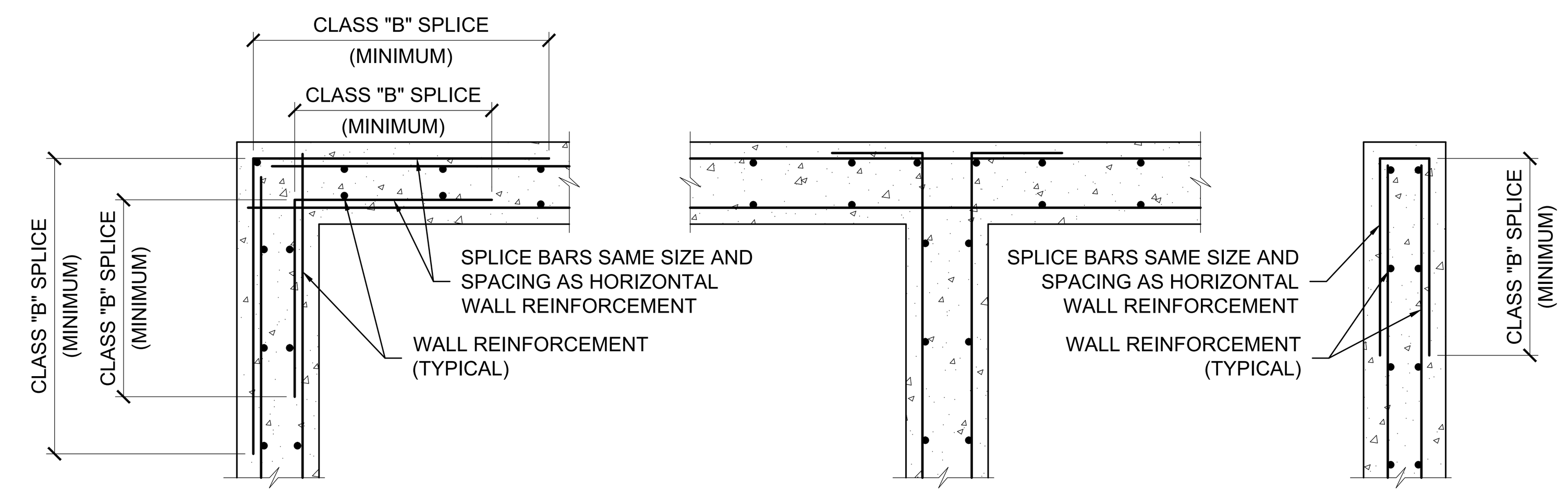
DO NOT BACKFILL UNTIL SLAB ON GRADE IS IN PLACE AND CONCRETE HAS ATTAINED 100% OF DESIGN COMPRESSIVE STRENGTH. SEE 4, 5 & 6 / S2.2 FOR JOINT DETAILS

SECTION THRU CANTILEVERED RETAINING WALL 2 / S2.2

SCALE: ¾" = 1'-0"



TYPICAL REINFORCEMENT AROUND OPENINGS

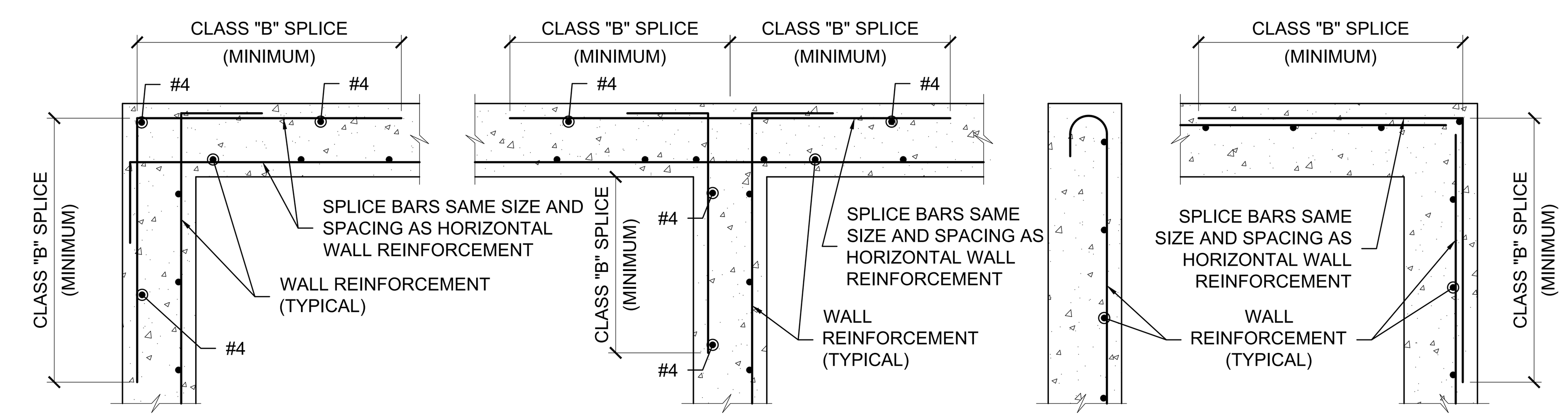


TYPICAL BAR ARRANGEMENT AT WALL CORNERS, INTERSECTIONS AND ENDS

(BARS IN BOTH FACES)

NOTES:

1. THE SAME ARRANGEMENT OF HORIZONTAL BARS SHALL BE USED IN CONTINUOUS SPANDRELS, WITH CONCRETE PROTECTION THE SAME AS FOR BEAMS. BAR SPLICES SHALL BE CLASS "B" FOR HORIZONTAL AND VERTICAL STEEL TYPICALLY. ONLY 50% OF THE HORIZONTAL REINFORCING SHALL BE SPLICED AT ANY ONE VERTICAL PLANE.

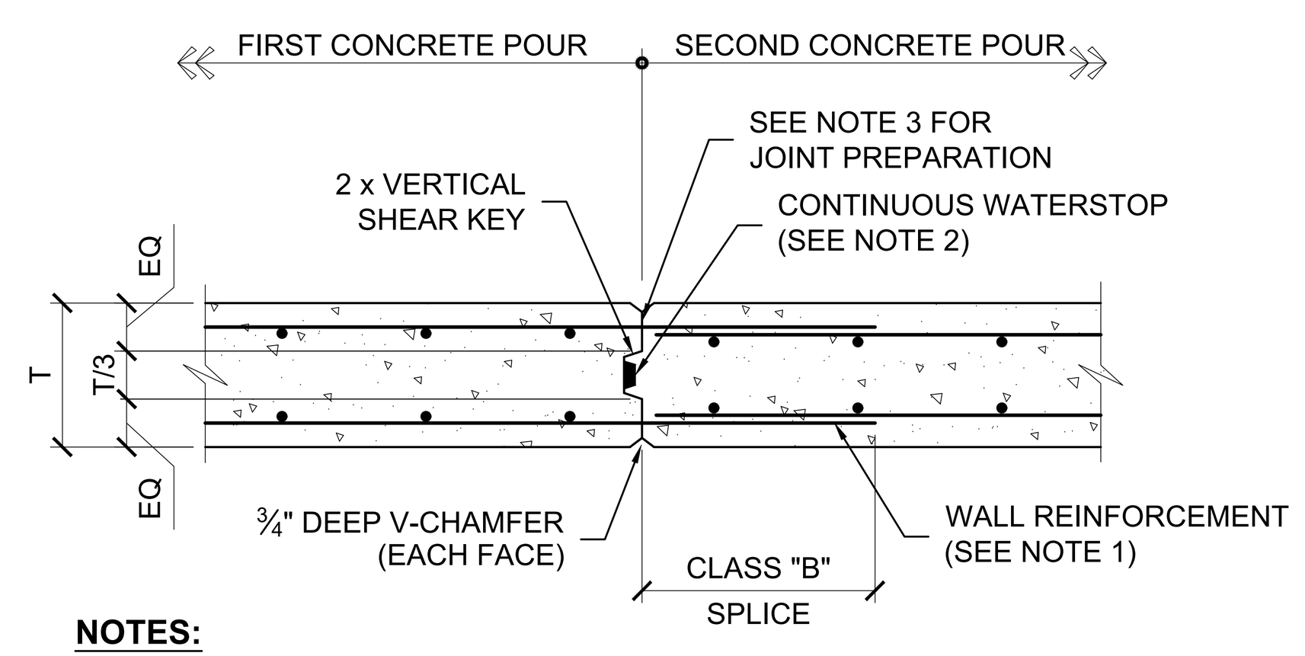


TYPICAL BAR ARRANGEMENT AT WALL CORNERS, INTERSECTIONS AND ENDS

(BARS IN ONE FACE ONLY)

DETAIL OF TYPICAL WALL REINFORCING ARRANGEMENT 3 / S2.2

SCALE: NONE

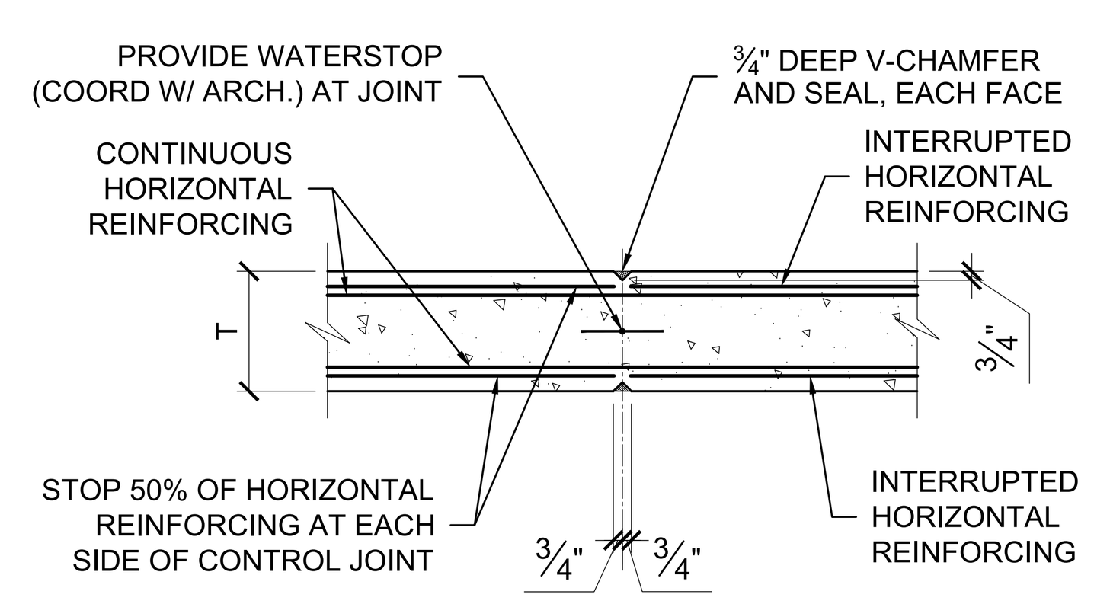


NOTES:

1. SEE OTHER SECTIONS AND SCHEDULES FOR ACTUAL WALL REINFORCEMENT POSITION.
2. VERIFY NEED FOR WATERSTOP. OTHER WALL WATERPROOFING NOT SHOWN.
3. CLEAN JOINT TO SOUND CONCRETE. MOISTEN JOINT SURFACE WITH WATER AND COAT WITH CEMENT GROUT IMMEDIATELY BEFORE SECOND CONCRETE POUR.

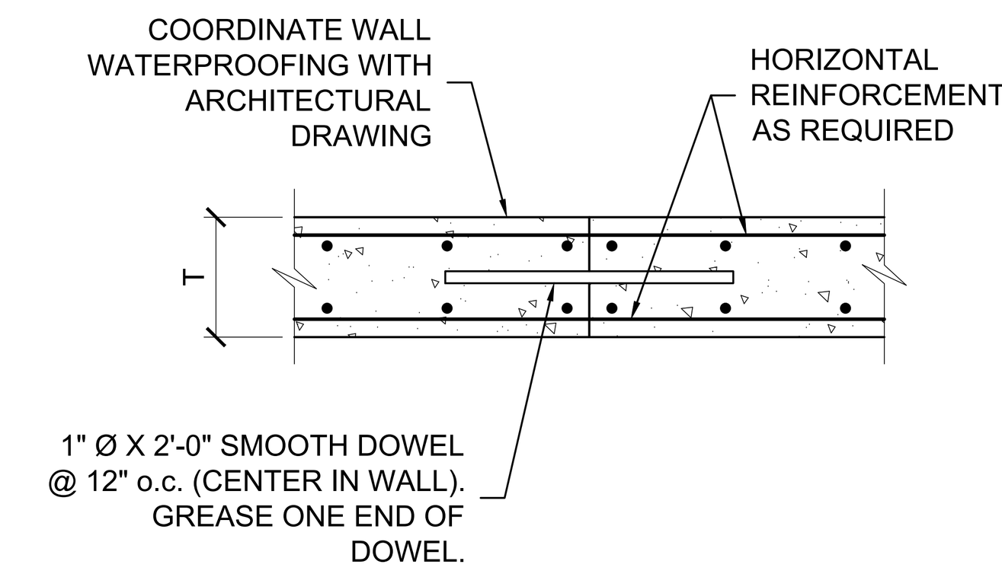
PLAN DETAIL OF WATERSTOP AT CONCRETE WALL CONSTRUCTION JOINT 4 / S2.2

SCALE: NONE



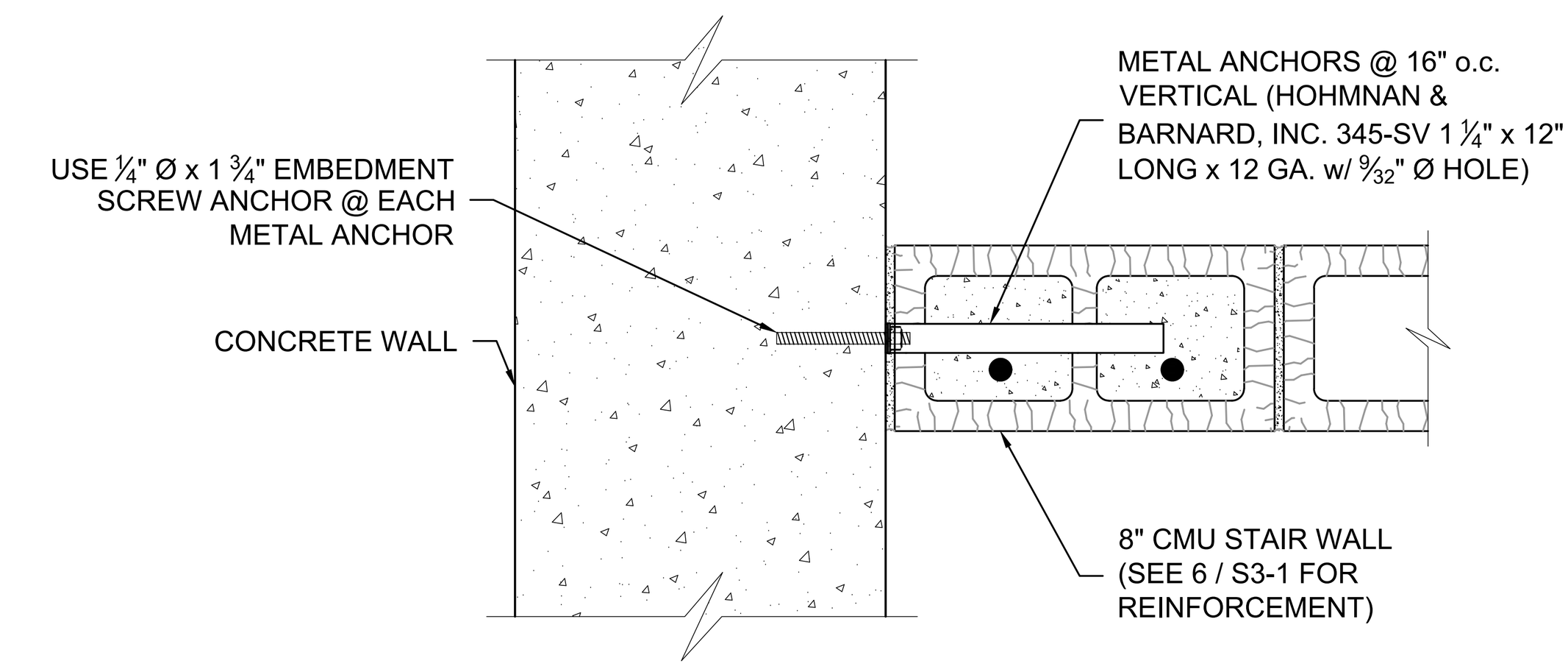
PLAN DETAIL OF CONCRETE WALL CONTRACTION JOINT 5 / S2.2

SCALE: NONE



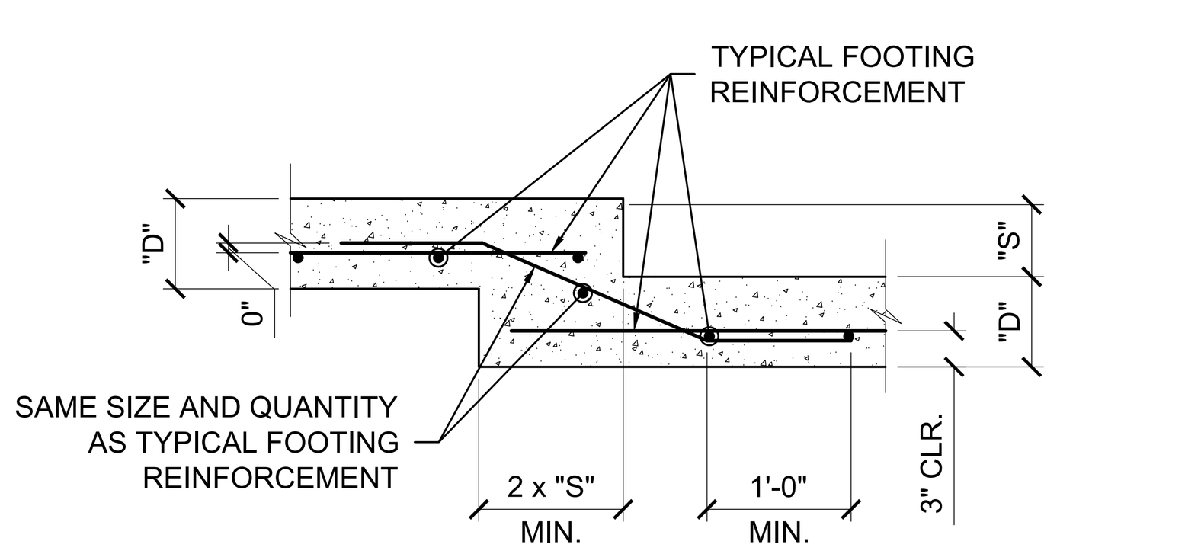
PLAN DETAIL OF CONCRETE WALL EXPANSION JOINT 6 / S2.2

SCALE: NONE



DETAIL OF 8" CMU WALL ATTACHMENT TO CONCRETE WALL 7 / S2.2

SCALE: 1½" = 1'-0"

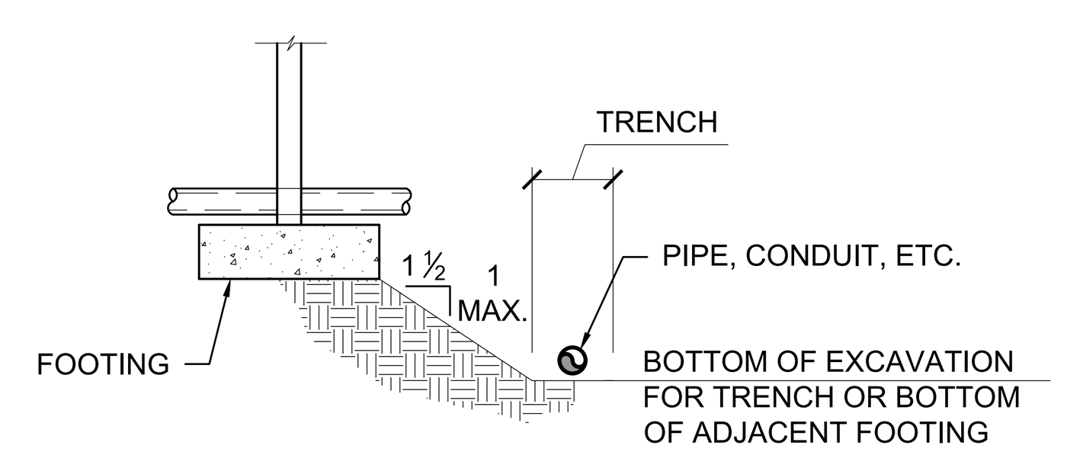


NOTES:

1. REINFORCING SHOWN FOR MASONRY WALL FOOTINGS. SEE SECTIONS AND DETAILS FOR ARRANGEMENT OF REINFORCING IN CONCRETE WALL FOOTINGS.
2. "S" DIMENSION = 2'-0" MAXIMUM.

DETAIL OF TYPICAL STEPPED FOOTING 8 / S2.2

SCALE: NONE

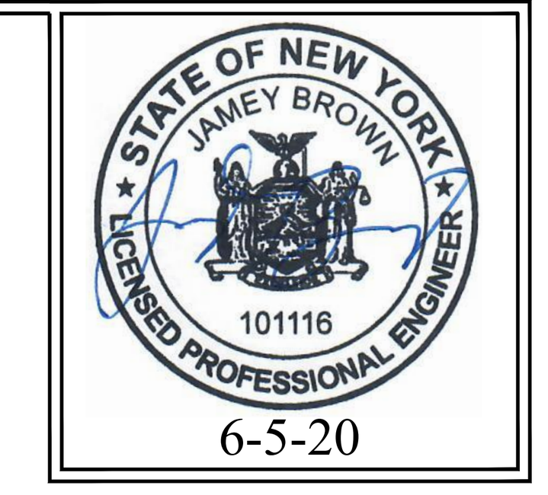


NOTES:

1. LOWER FOOTING AS REQUIRED TO PROVIDE MAXIMUM 1 ½ : 1 SLOPE FROM BOTTOM EDGE OF FOOTING TO BOTTOM OF TRENCH EXCAVATION, OR LOWER FOOTING SO THAT TOP OF FOOTING IS BELOW PIPE, CONDUIT, ETC.

DETAIL OF TYPICAL FOUNDATION INFLUENCE 9 / S2.2

SCALE: NONE



6-5-20

Life Storage #230
Self Storage Phase II

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S2.2