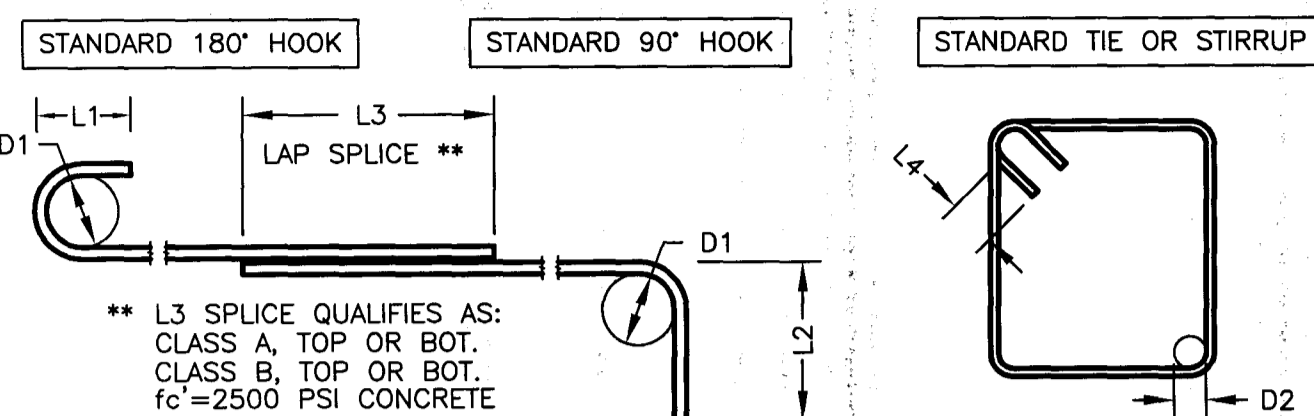


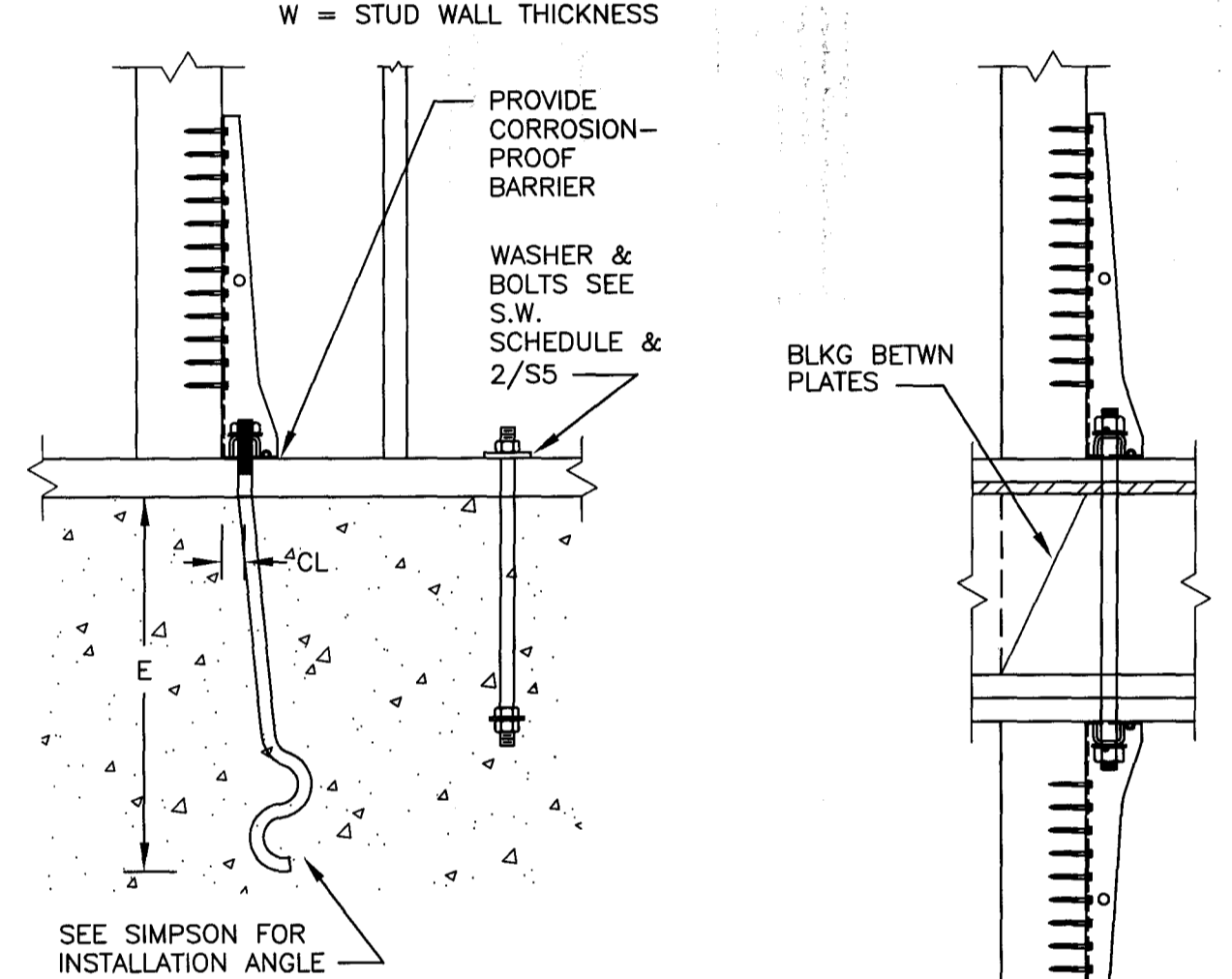
STANDARD BEND DIAMETERS, AND HOOK & LAP LENGTHS						
BAR	D1	D2	L1	L2	L3	L4
#3	2 1/2"	1 1/2"	4"	6"	32"	3 1/2"
#4	3"	2"	4 1/2"	8"	42"	5"
#5	3 1/2"	2 1/2"	5"	9"	52"	6 1/2"
#7	5 1/2"	5 1/2"	7"	14"	90"	8 1/2"
#9	9 1/2"	9 1/2"	10"	19"	116"	11 1/2"



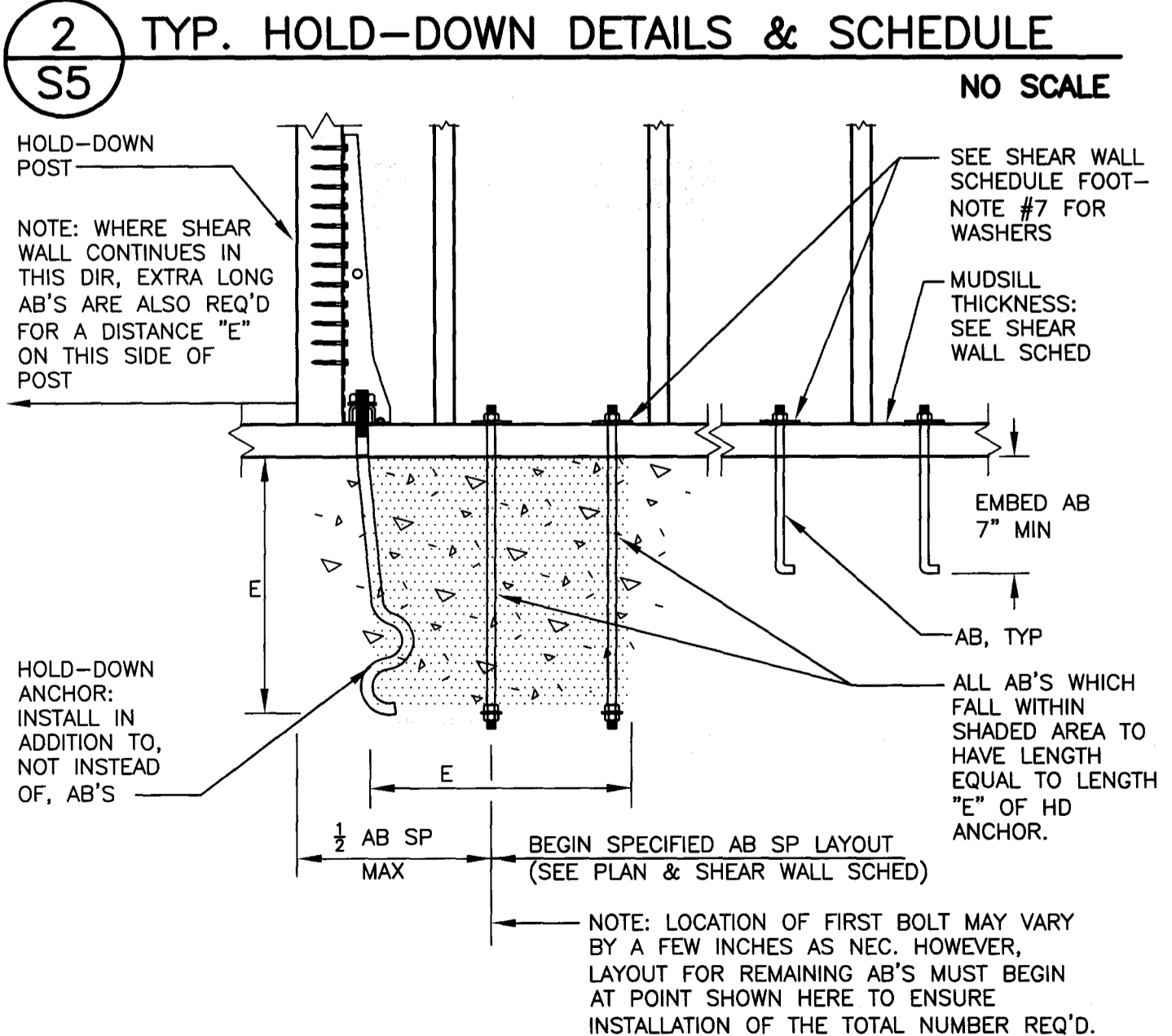
**1** TYP. REBAR BENDS, LAPS, & HKS. **S5** NO SCALE

HOLD-DOWN SCHEDULE					
SIMPSON HOLD-DOWN	HOLD-DOWN POST U.O.N.	POST SDS SCREWS	CONCRETE ANCHOR	CL	REMARKS
HDU2-SDS2.5	4xW	6-SDS25212	@SSTB16L (8/10)	1 5/8"	
HDU4-SDS2.5	4xW	10-SDS25212	@SSTB20L (8/10)	1 5/8"	
HDU8-SDS2.5	4xW	20-SDS25212	@SSTB28L (8/10)	1 5/8"	

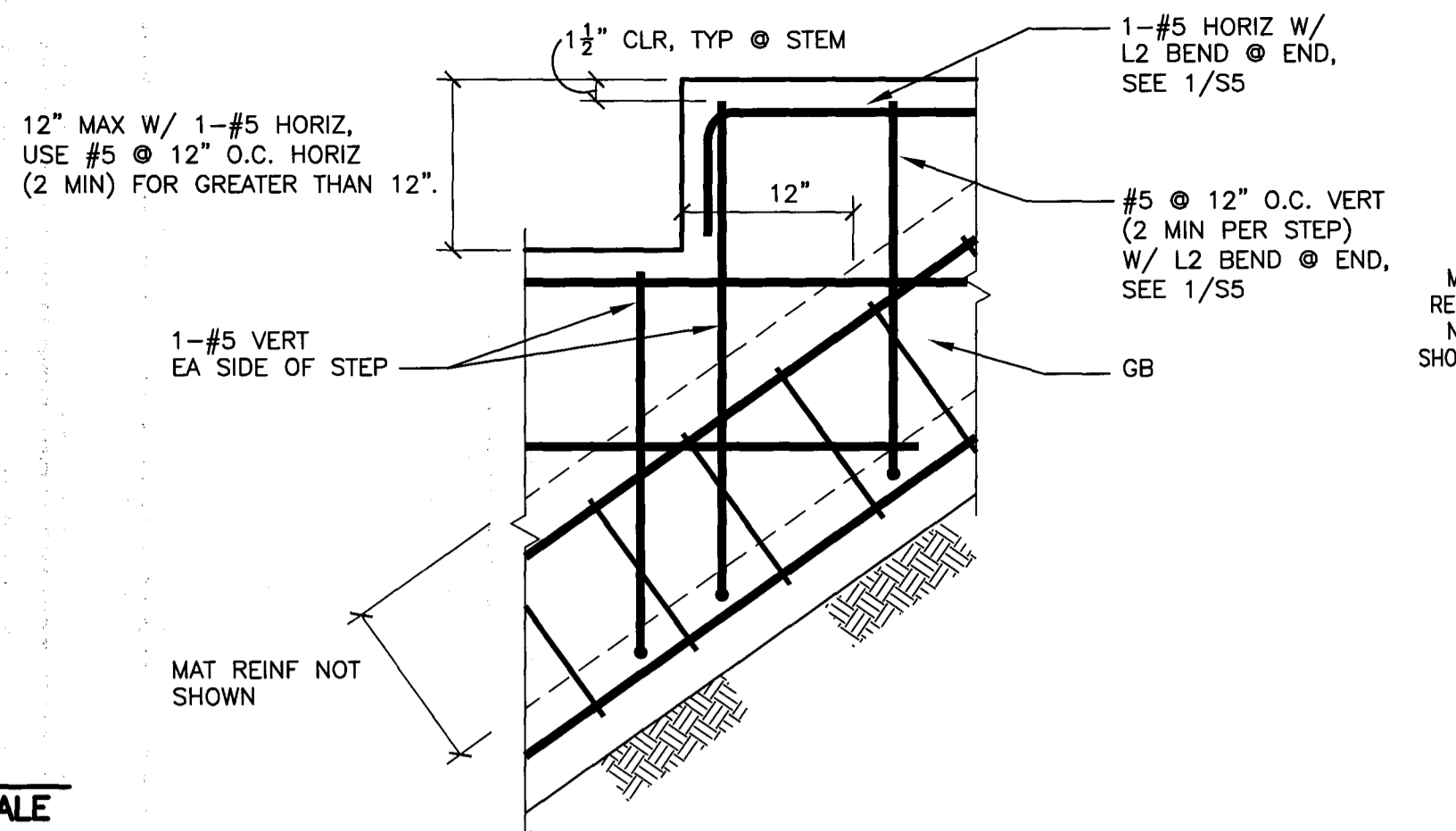
W = STUD WALL THICKNESS



- 2** TYP. HOLD-DOWN DETAILS & SCHEDULE **S5** NO SCALE
- NOTES:
- NAIL PLYWOOD TO HOLD-DOWN STUD WITH NAILS AT P.E.N. SPACING (SEE SHEAR WALL SCHED.).
  - INSTALL "HDU" HOLD-DOWNS DIRECTLY ON SILL PLATE.
  - SEE SHEAR WALL SCHEDULE FOR SILL PLATE, STUD, ANCHOR BOLT, AND PLYWOOD INFORMATION.
  - HOLD-DOWN ANCHORS SHALL BE IN ADDITION TO, NOT IN LIEU OF, MUDSILL ANCHOR BOLTS.



**3** TYPICAL SHEAR WALL MUDSILL BOLTING **S5** NO SCALE

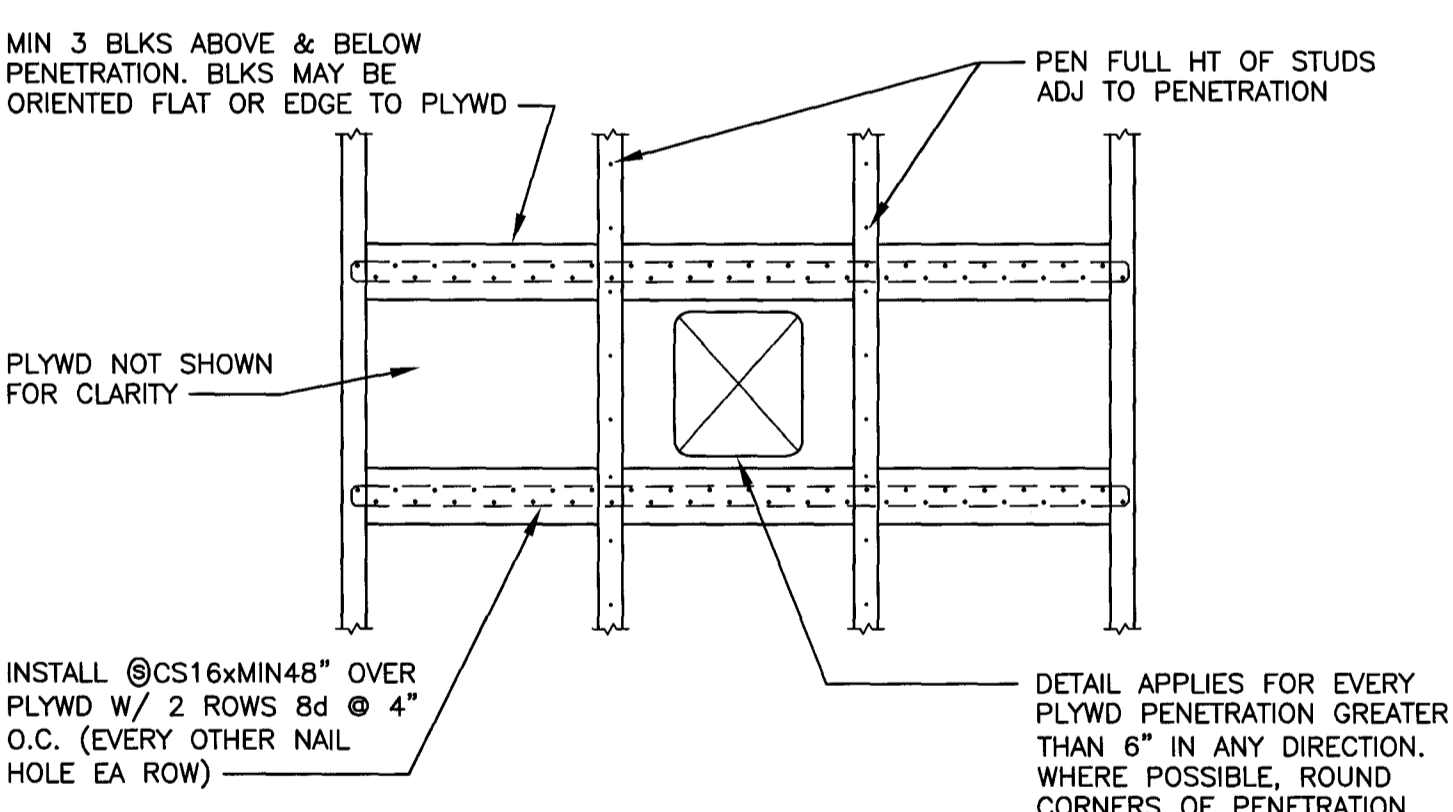


**4** GRADE BEAM & STEPPED STEM **S5** SECTION 1"=1'-0"

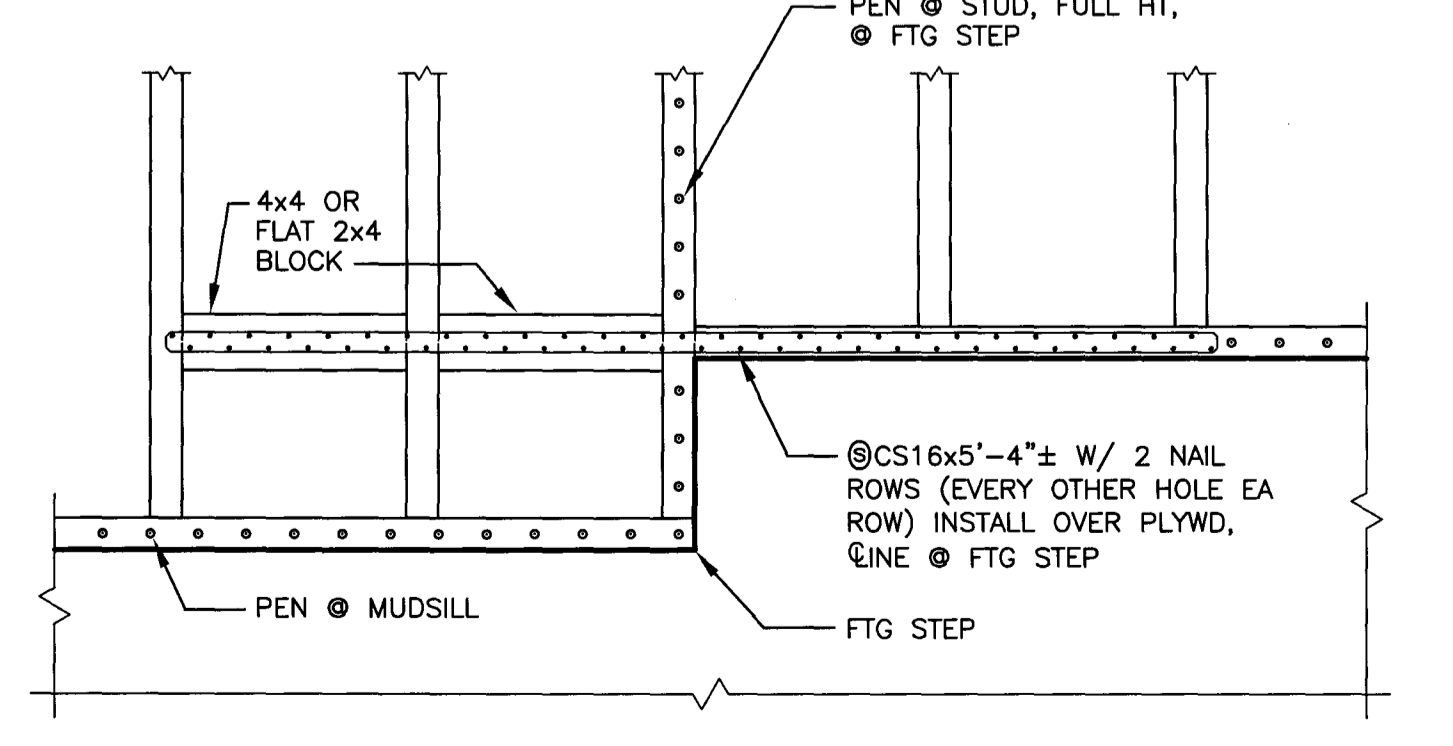
SHEAR WALL SCHEDULE								
WALL MARK	PLYWD.	P.E.N. (1,2)	P.E.N. STUDS & BLKG	FRAMING CLIP (3)	PLATE NAILING (4)	@SDS25600 2x OR 3x PLATE	MUD-SILL (5)	A.B. MAX SP. (6,7)
6	1/2" CDX	10d @ 6"	2x, UON	CLIP @ 16"	16d @ 7" 20d @ 6"	9" O.C.	2x, 4x	36"
4	1/2" CDX	10d @ 4"	3x, 4x	CLIP @ 12"	16d @ 4 1/2" 20d @ 4"	6" O.C.	3x, 4x	24"
3	1/2" CDX OR 1" STRUCT-1	10d @ 3"	3x, 4x	CLIP @ 8"	16d @ 3 1/2" 20d @ 3"	4" O.C.	3x, 4x	16"

SEE FRAMING PLANS FOR WALL MARK

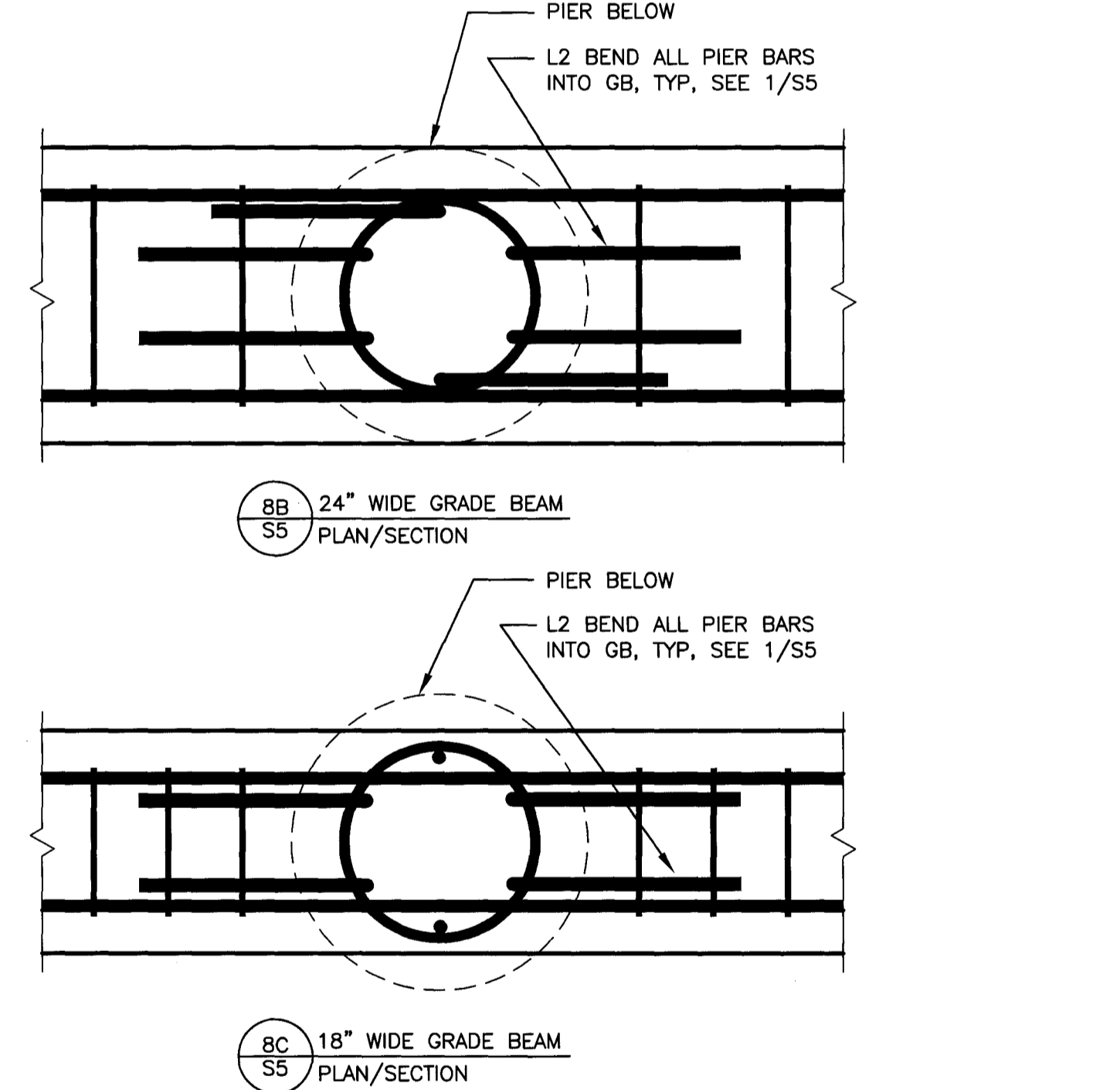
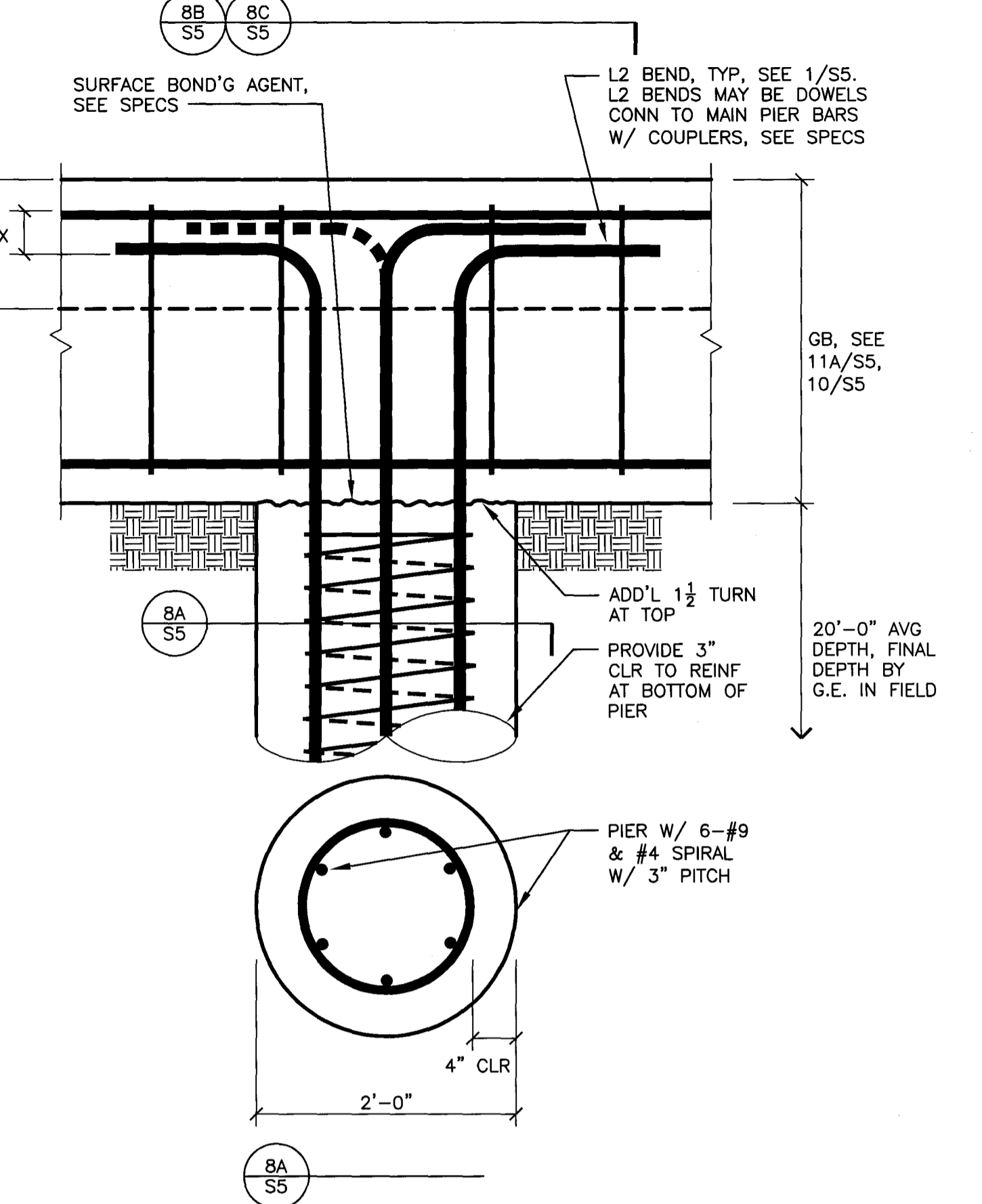
- 5** SHEAR WALL SCHEDULE **S5** NO SCALE
- PLYWOOD EDGE NAILING AT ALL PANEL EDGES - BLOCK & NAIL HORIZ. PANEL JNTS.
  - AT ADJOINING PANEL EDGES, NAILS SHALL BE STAGGERED.
  - USE @A35 OR @L70 WITH ALL REQUIRED FASTENERS.
  - USE @SDS AS ALT. IF SHOWN ON DTL. USE 20d THRU SHEATHING + 2x PLATE, STAGGER & PREBORE IF REQUIRED TO PREVENT SPLITTING.
  - USE H.D. GALV. BOX NAILS & 1/2" TIGHTER P.E.N. SPACING FOR MUDSILLS & ALL P.T. FRMG.
  - MUDSILL THICKNESS & BOLT DIAM. DETERMINE A.B. SPACING; END OF SILL TO A.B. MIN 8", MAX 12"; EMBED A.B. HK. MIN 7".
  - ALL A.B.'S WITHIN THE SHEAR WALL SHALL HAVE 3x3x1/2" GALVANIZED PLATE WASHERS (Z-MAX). NOTE: 1/2" A.B. WILL REQUIRE WASHERS TO BE SPECIAL ORDER.
  - FIELD NAILING SHALL BE 12" O.C.



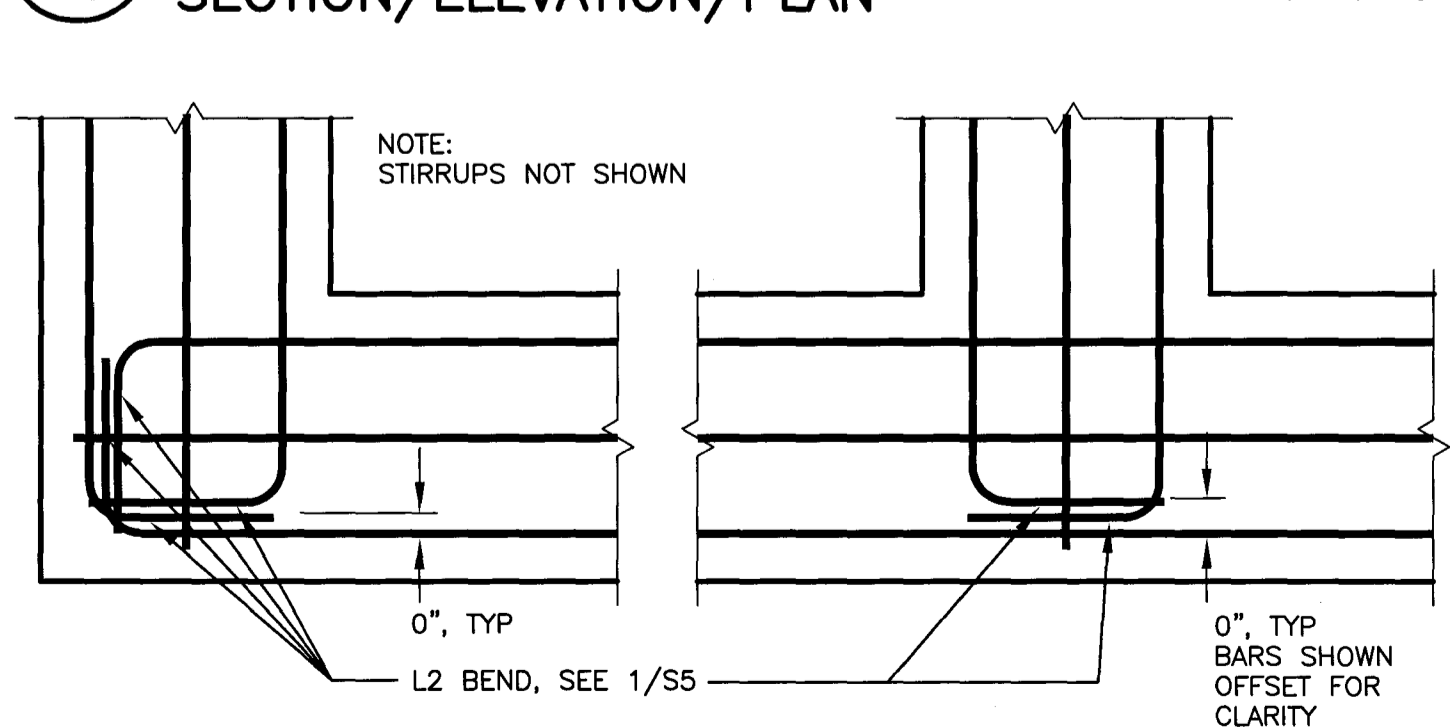
**6** PENETRATION THRU SHRWALLS & DIAPHRAGMS **S5** ELEVATION 1"=1'-0"



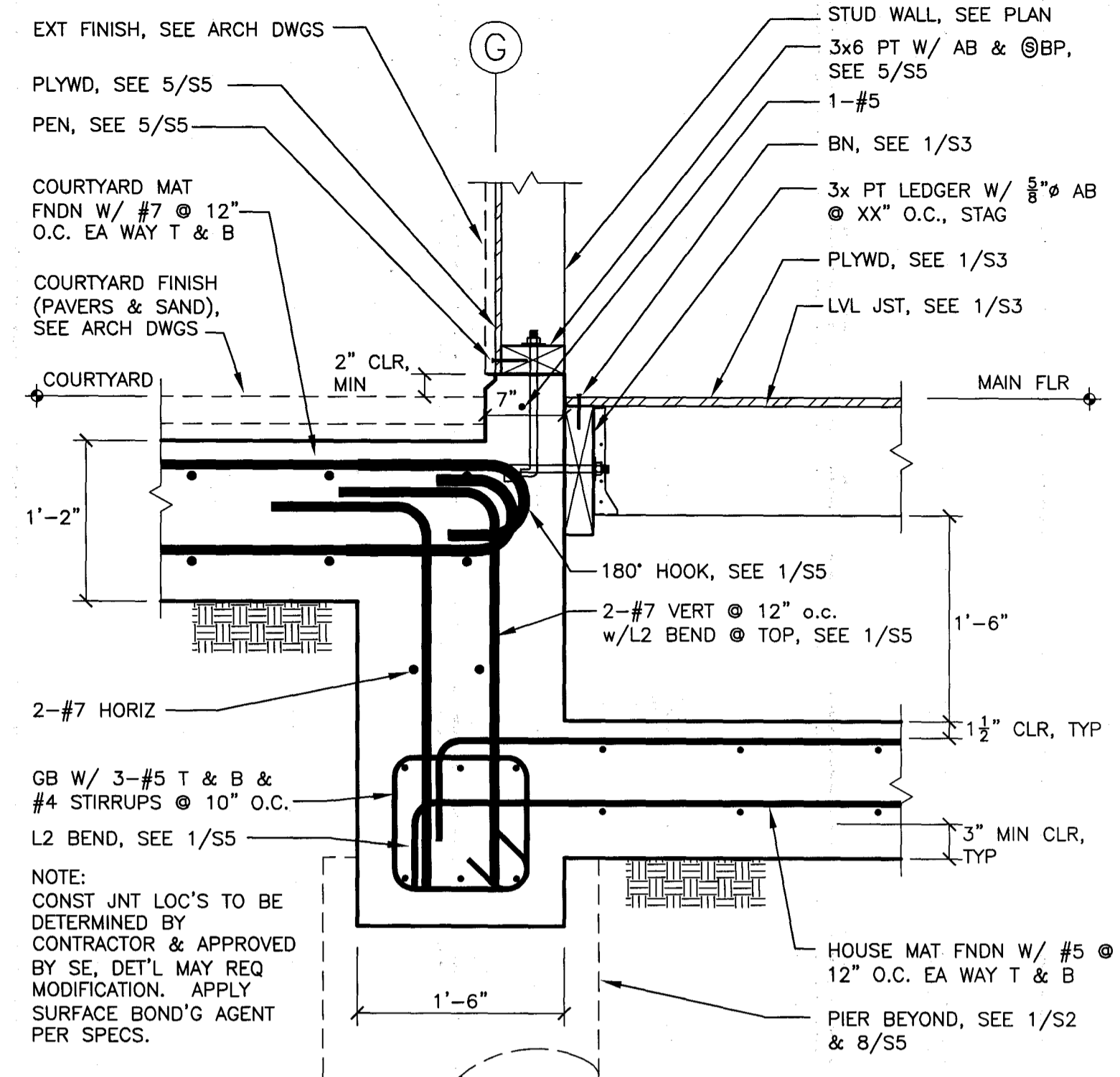
**7** STEPPED SHEAR WALL **S5** FRAMING ELEVATION 1"=1'-0"



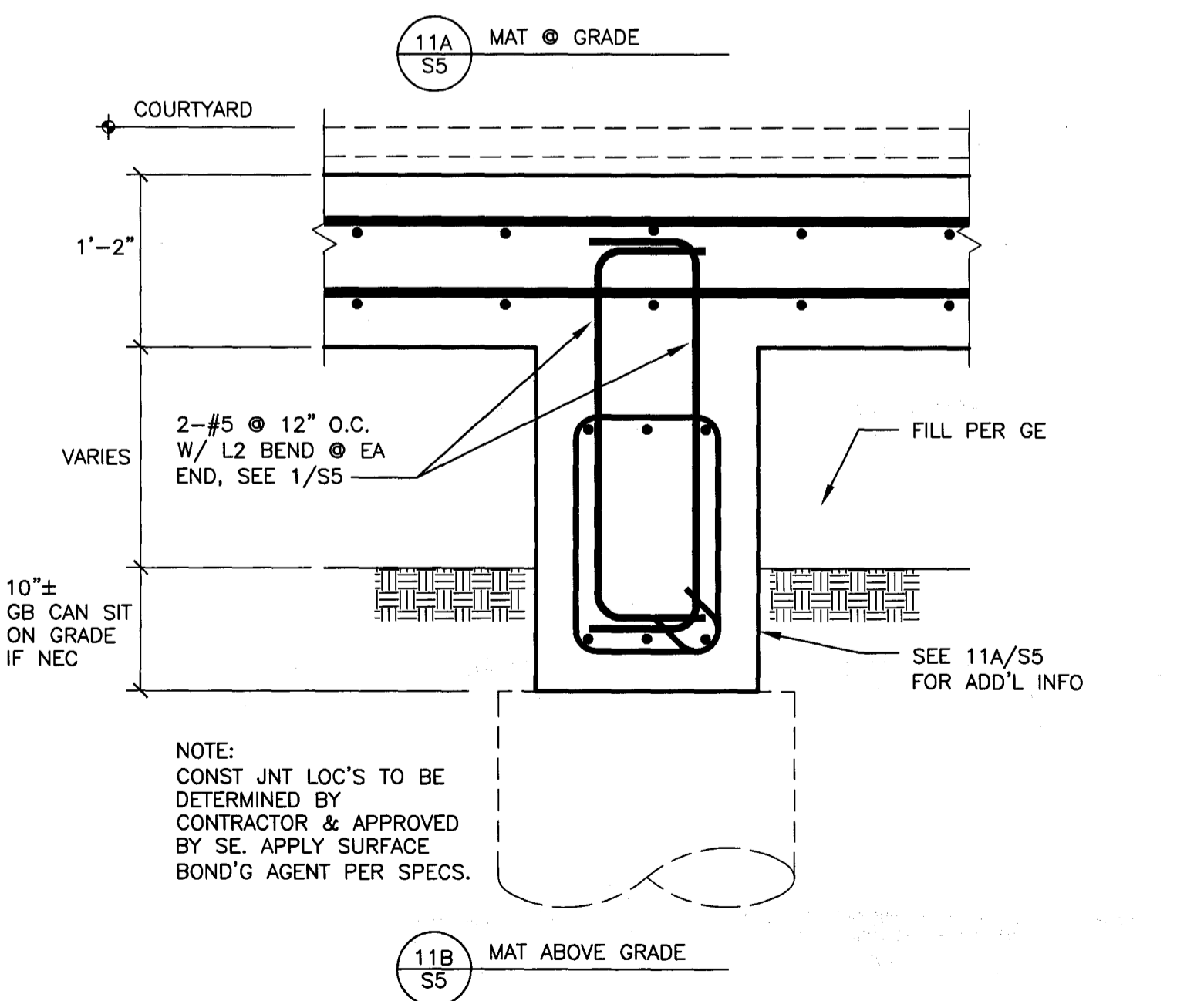
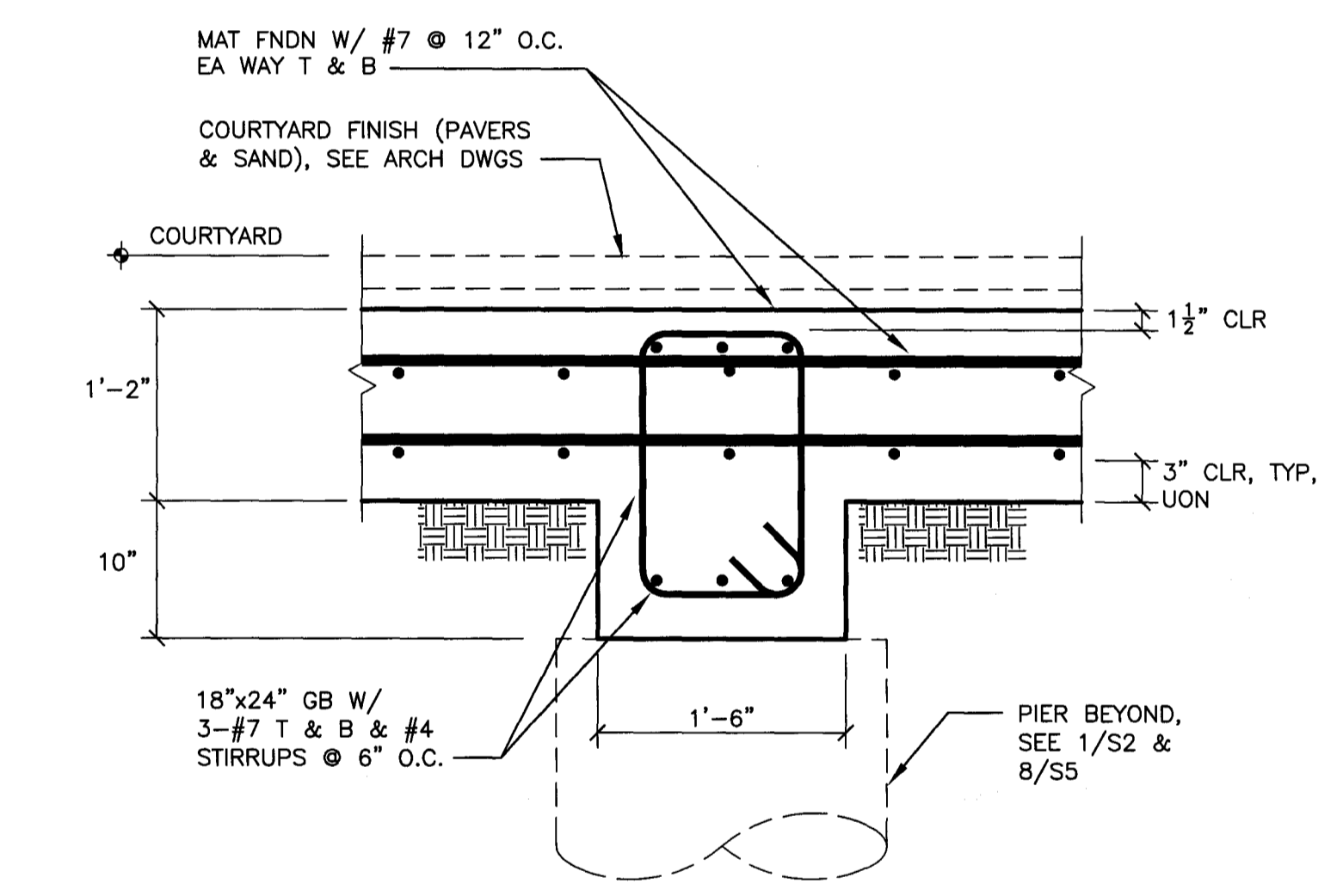
**8** PIER/GRADE BEAM INTERSECTION **S5** SECTION/ELEVATION/PLAN 1"=1'-0"



**9** TYP GRADE BEAM CORNER & INTERSECTION **S5** PLAN DETAIL 1"=1'-0"



**10** MAT AND GRADE BEAM FOUNDATION **S5** SECTION 1"=1'-0"



**11** MAT AND GRADE BEAM FOUNDATION **S5** SECTION 1"=1'-0"

File: 1993\_S5.DWG

ISSUED FOR:	BY:
PERMIT APPLICATION	
4/22/2014	
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