

COLUMN SCHEDULE

MARK	SIZE	REINFORCEMENT / REMARKS
	FILLED CELL	#5 BARS IN GROUT FILLED MASONRY BLOCK SPACED AS SHOWN, BUT NO GREATER THAN 32" O.C.
C-1	8" X 12"	(4) #5 BARS WITH #3 TIES @ 8" O.C.
C-2	8" X 28"	(8) #5 BARS WITH #3 TIES @ 8" O.C.
C-3	8" X 20"	(6) #6 BARS WITH #3 TIES @ 8" O.C.
C-4	8" X 18"	(6) #6 BARS WITH #3 TIES @ 8" O.C.
C-5	8" X 14"	(4) #6 BARS WITH #3 TIES @ 8" O.C.
C-6	8" X 16"	(4) #6 BARS WITH #3 TIES @ 8" O.C.
C-7	8" X 24"	(8) #5 BARS WITH #3 TIES @ 8" O.C.
C-8	12" X 16"	(8) #6 BARS WITH #3 TIES @ 12" O.C.
C-9	ST-1 ENCASED WITH 8" X 34" COLUMN	(10) #5 BARS WITH #3 TIES @ 8" O.C.
ST-1	HSS 4 X 4 X 1/4 STEEL COLUMN	ASTM A500, GR. B PAINTED WITH (2) COATS WITH EPOXY BASED PRIMER
ST-2	HSS 8 X 12 X 3/8 STEEL COLUMN	ASTM A500, GR. B PAINTED WITH (2) COATS WITH EPOXY BASED PRIMER
ST-3	HSS 4 X 8 X 1/4 STEEL COLUMN	ASTM A500, GR. B PAINTED WITH (2) COATS WITH EPOXY BASED PRIMER
ST-4	HSS 6 X 6 X 3/8 STEEL COLUMN	ASTM A500, GR. B PAINTED WITH (2) COATS WITH EPOXY BASED PRIMER
SW-1	8" WIDE X LENGTH VARIES SHEAR WALL	#5 BARS @ 12" O.C. EACH WAY (MIDDLE)

NOTES:

- LAP ALL REINFORCING STEEL 48 BAR DIA.
- HOOK REINFORCEMENT STEEL AT TOP OF UPPER MOST BEAM
- REFER TO TYPICAL COLUMN REINFORCING DETAILS THIS SHEET
- ALL STRUCTURAL COLUMNS TO BE TREATED WITH 2 COATS OF ZINC BASED PRIMER

COLUMN REINFORCING DETAILS

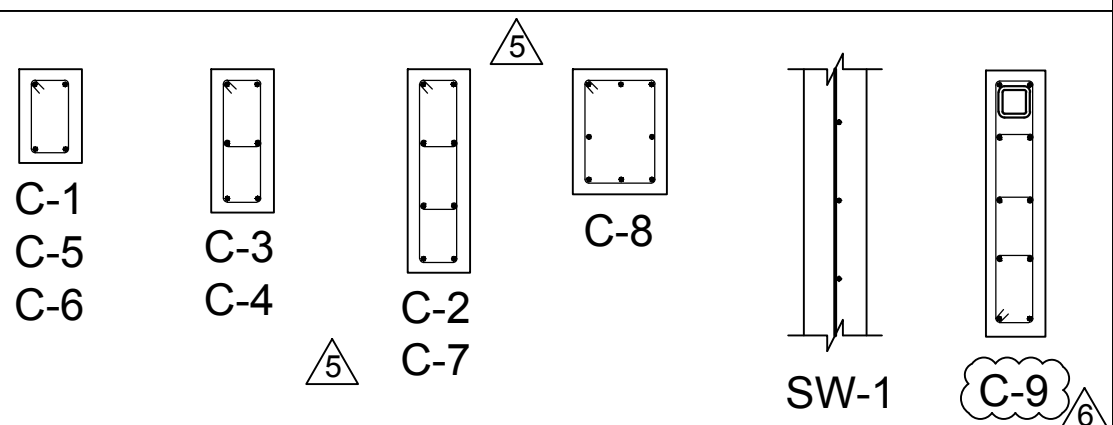
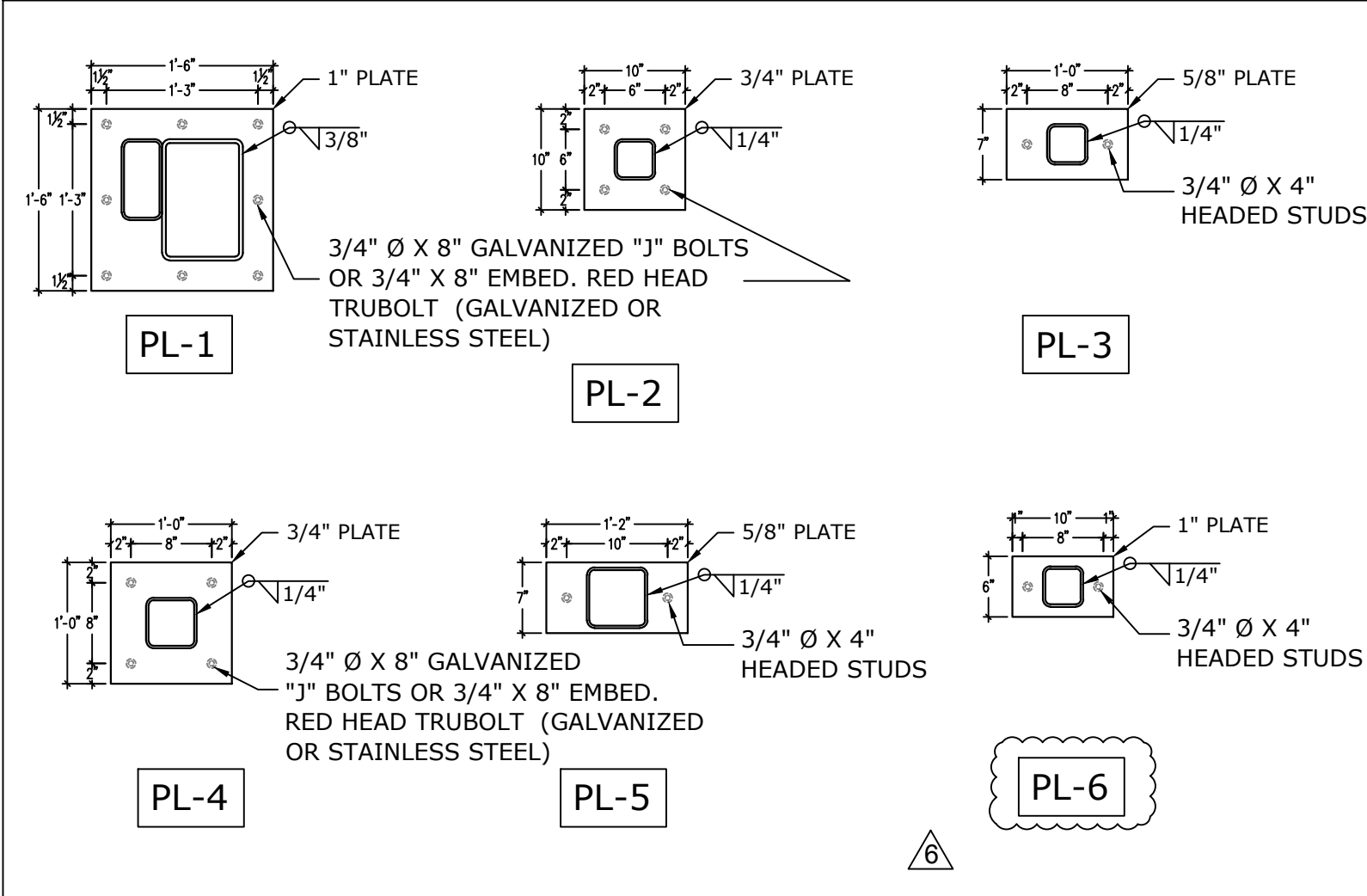


PLATE AND ANCHORAGE DETAILS



NOTES:

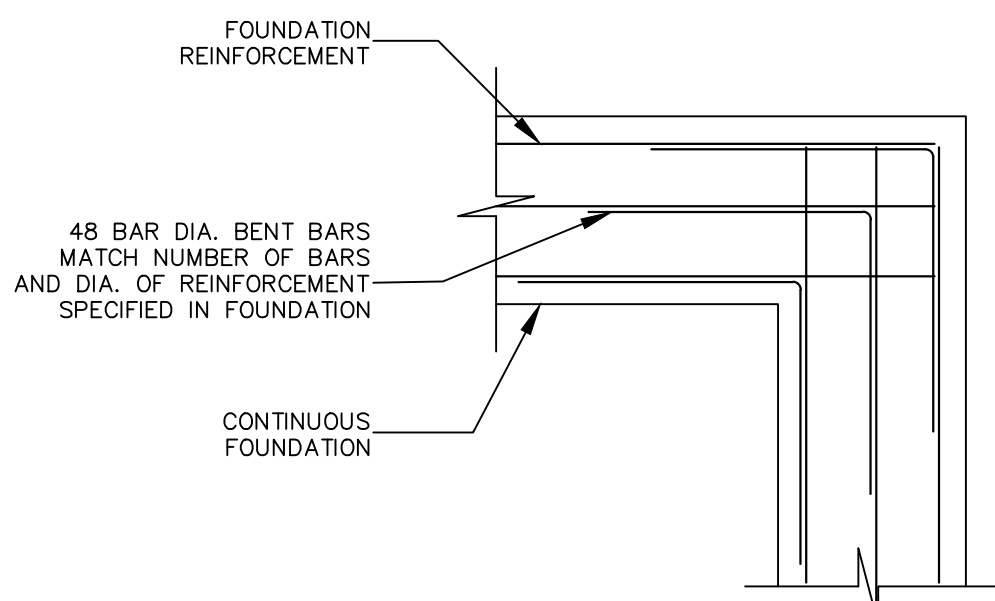
- LEVEL BASE PLATES AS REQUIRED WITH HIGH STRENGTH NON-SHRINK GROUT (0.75" - 1.5" MAX SIKAGROUT 212, OR APPROVED EQUAL)
- ALL STRUCTURAL STEEL INSTALLED BELOW GRADE SHALL BE TREATED WITH BITUMINOUS COATING

FOUNDATION SCHEDULE

MARK	SIZE	REINFORCEMENT
WF-1	16" X 12" DEEP CONT. FOOTING	(2) #5 CONTINUOUS BOTTOM BARS
WF-2	24" X 12" DEEP CONT. FOOTING	(3) #5 CONTINUOUS BARS (BOTTOM); #5 BARS @ 10" O.C., EACH WAY (TOP)
PAD-1	3'-0" X 3'-0" X 1'-4" DEEP PAD FOOTING	#6 BARS @ 10" O.C. EACH WAY (BOTTOM); #5 BARS @ 10" O.C., EACH WAY (TOP)
PAD-2	5'-2" X 5'-2" X 1'-4" DEEP PAD FOOTING	#6 BARS @ 10" O.C. EACH WAY (BOTTOM); #5 BARS @ 10" O.C., EACH WAY (TOP)
PAD-3	6'-6" X 6'-6" X 1'-6" DEEP PAD FOOTING	#6 BARS @ 10" O.C. EACH WAY (BOTTOM); #5 BARS @ 10" O.C., EACH WAY (TOP)
PAD-4	8'-0" X 8'-0" X 1'-6" DEEP PAD FOOTING	#6 BARS @ 10" O.C. EACH WAY (BOTTOM); #5 BARS @ 10" O.C., EACH WAY (TOP)
PAD-5	9'-4" X 5'-0" X 1'-4" DEEP PAD FOOTING	#6 BARS @ 10" O.C. EACH WAY (BOTTOM); #5 BARS @ 10" O.C., EACH WAY (TOP)
PAD-6	4'-0" X 4'-0" X 1'-4" DEEP PAD FOOTING	#6 BARS @ 10" O.C. EACH WAY (BOTTOM); #5 BARS @ 10" O.C., EACH WAY (TOP)
TE-1	8" X 8" DEEP THICKENED EDGE	(1) #5 BARS CONTINUOUS BOTTOM BAR

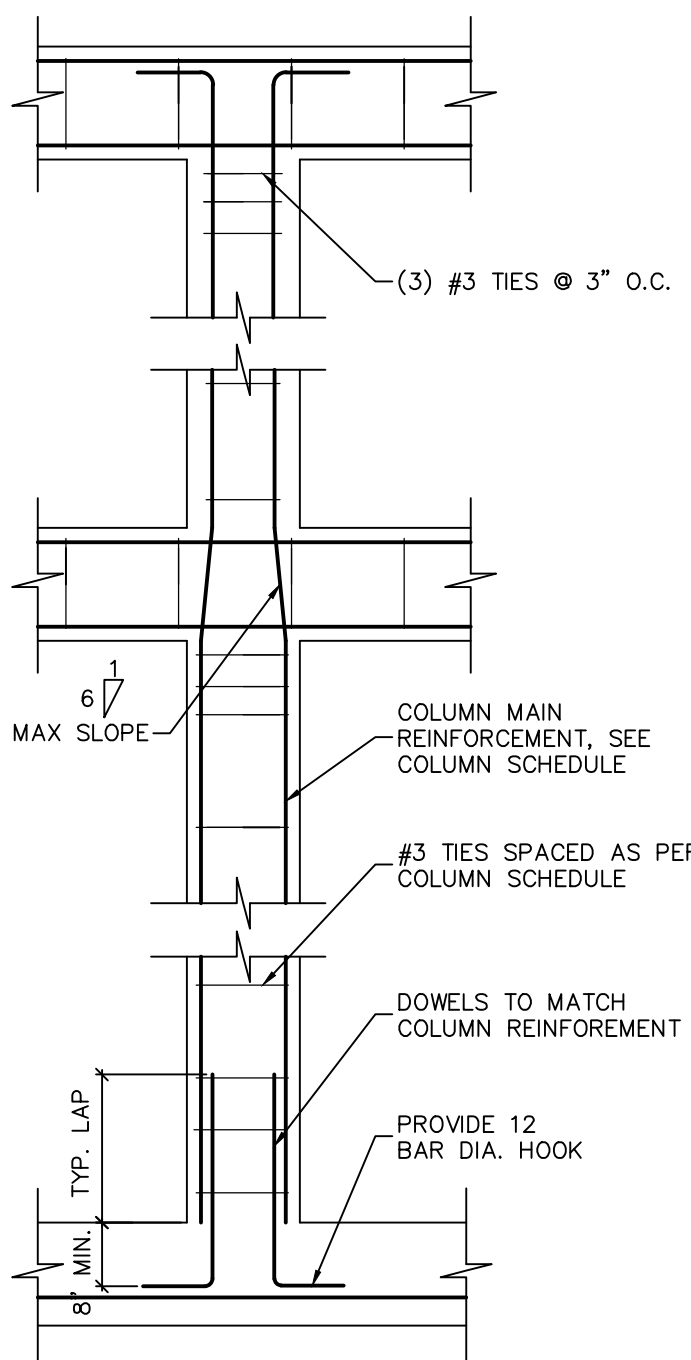
NOTES:

- SPICES IN REINFORCING BARS SHALL BE NOT LESS THAN 36 BAR DIAMETERS AND REINFORCEMENT SHALL BE CONTINUOUS AROUND ALL CORNERS AND CHANGES IN DIRECTION. CONTINUITY SHALL BE PROVIDED AT CORNERS OR CHANGES IN DIRECTION BY BENDING THE LONGITUDINAL STEEL AROUND THE CORNER 48 BAR DIAMETERS OR BY ADDING MATCHING REINFORCING STEEL, WHICH SHALL EXTEND 48 BAR DIAMETERS FROM EACH CORNER OR CHANGE DIRECTION.
- TOP OF ALL WALL & PAD FOOTINGS TO BE 12" BELOW NATURAL GRADE (MIN.)



WALL FOOTING INTERSECTION DETAIL

SCALE: 1/2" = 1'-0"



TYPICAL COLUMN REINFORCING DIAGRAM

SCALE: 1/2" = 1'-0"

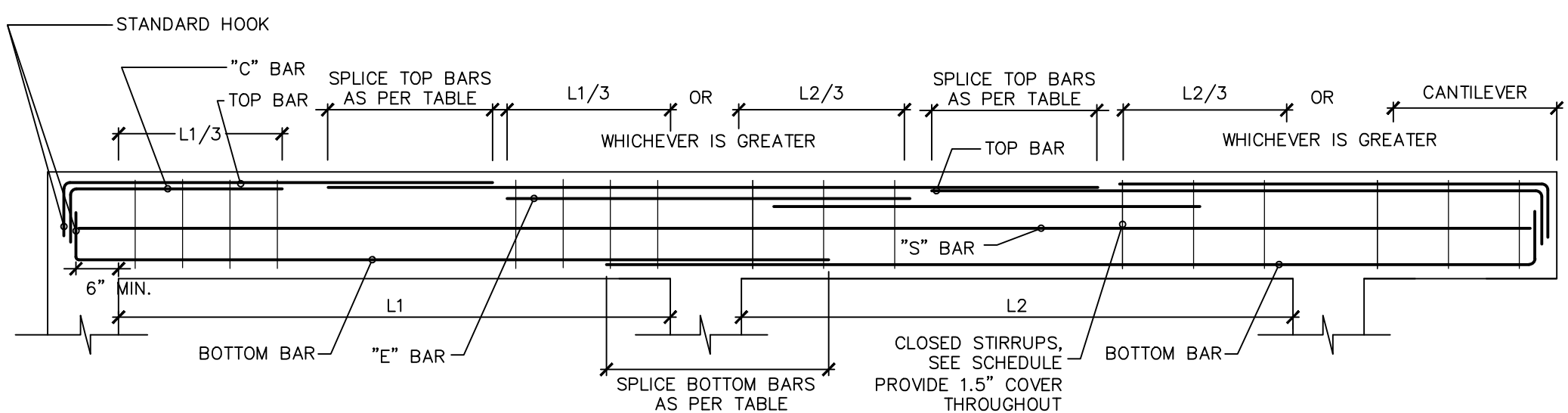
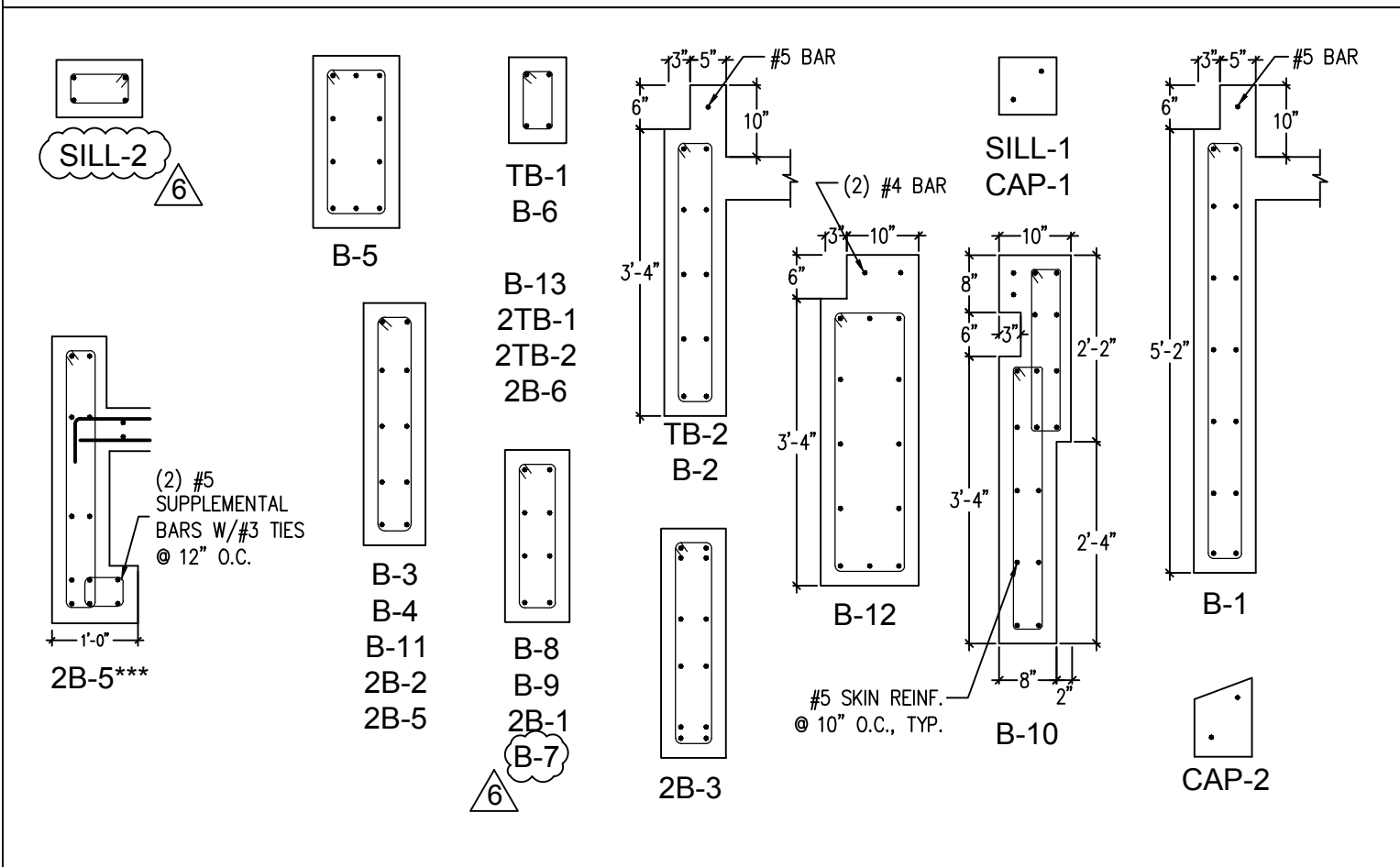
BEAM SCHEDULE

MARK	SIZE	REINFORCEMENT			STIRRUPS / REMARKS		TOP OF BEAM (A.F.F.)
		B	T	S (EA. FACE)	N.O.	SPACING	
TB-1	8" X 12"	(2) #5	(2) #5		#3	(4) @ 12" O.C. @ CORNERS & BENDS, BALANCE @ 48" O.C.	+14'-5.5"
TB-2	SEE DETAIL	(2) #6	(2) #6	(3) #5	#3		+14'-5.5"
B-1	SEE DETAIL	(2) #7	(2) #7	(5) #5	#3	10" O.C.	+15'-5"
B-2	SEE DETAIL	(2) #7	(2) #7	(3) #5	#3	16" O.C.	+15'-5"
B-3	8" X 42"	(2) #7	(2) #7	(3) #5	#3	16" O.C.	+14'-5.5"
B-4	8" X 34" (UPTURNED)	(2) #8	(2) #8	(3) #5	#3	12" O.C.	+17'-5"
B-5	12" X 24"	(3) #7	(3) #8	(2) #5	#3	7" O.C.	+14'-5.5"
B-6	8" X 16"	(2) #6	(2) #6		#3	6" O.C.	+14'-5.5"
B-7	8" X 26"	(2) #7	(2) #7	(2) #5	#3	9" O.C.	+9'-7"
B-8	8 X 24"	(2) #6	(2) #6	(2) #5	#3	10" O.C.	+14'-5.5"
B-9	8 X 22"	(2) #6	(2) #6	(2) #5	#3	8" O.C.	+15'-5"
B-10	SEE DETAIL	(2) #7	(2) #7	#5 @ 10" O.C.	#3	16" O.C.	+16'-1"
B-11	8 X 36"	(2) #7	(2) #7	(3) #5	#3	16" O.C.	+14'-5.5"
B-12	SEE DETAIL	(3) #6	(6) #6	(3) #5	#3	9" O.C.	+15'-5"
B-13	8 X 12"	(2) #5	(2) #5		#3	10" O.C.	VARIES
2TB-1	8" X 12"	(2) #5	(2) #5		#3	(4) @ 12" O.C. @ CORNERS & BENDS, BALANCE @ 48" O.C.	+26'-7.5"
2TB-2	8" X 16"	(2) #5	(2) #5		#3		+27'-5.5"
2B-1	8" X 26"	(2) #6	(2) #6	(2) #5	#3	10" O.C.	+26'-7.5"
2B-2	8" X 38"	(2) #6	(2) #6	(3) #5	#3	16" O.C.	+27'-5.5"
2B-3	8" X 30"	(4) #6	(4) #6	(2) #5	#3	12" O.C.	+26'-7.5"
2B-4	OMIT BEAM						
2B-5	8" X 40"	(2) #7	(2) #7	(3) #5	#3	16" O.C.	+27'-5.5"
2B-5**	8"/12" X 40"	(2) #7	(2) #7	(3) #5	#3	16" O.C.	+27'-5.5"
2B-6	8" X 12"	(2) #6	(2) #6		#3	4" O.C.	+26'-7.5"
SILL-1	8" X 8"	(1) #5	(1) #5				
CAP-1	OMIT						
CAP-2	12" X 8"	(2) #5	(2) #5		#3	12" O.C.	
SILL-2	12" X 8"	(2) #5	(2) #5		#3	12" O.C.	

NOTES:

- REFER TO BEAM REINFORCING DETAILS ON THIS SHEET
- PROVIDE CORNER BARS AS SPECIFIED IN DIAGRAM

BEAM REINFORCING DETAILS



"C" BARS ARE TOP BARS AT NON-CONT. ENDS
"E" BARS ARE TOP BARS OVER INTERIOR SUPPORTS
CONTINUOUS TOP BARS, WHEN SPLICED, SHALL BE LAPPED IN THE MIDDLE THIRD OF THE SPAN

TYPICAL BEAM REINFORCING DIAGRAM

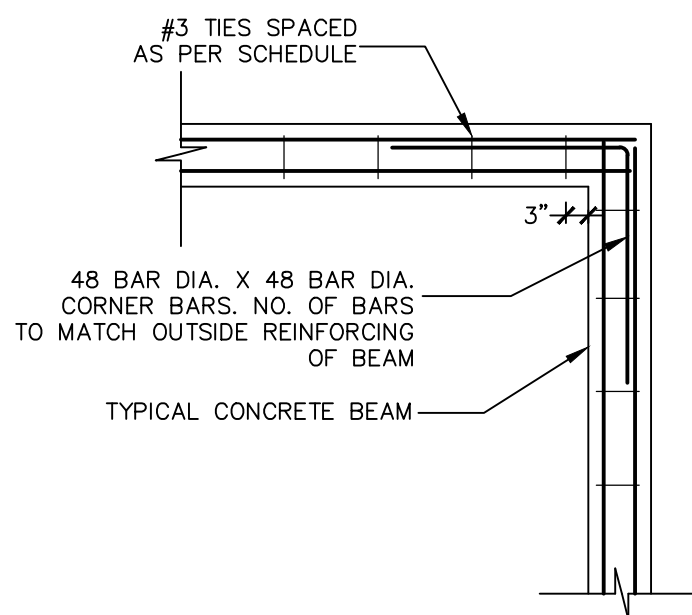
SCALE: 1/2" = 1'-0"

STEEL BEAM SCHEDULE

MARK	SIZE	DESCRIPTION
SB-5	W5 X 16	COMPOSITE BEAM W/ 3/4" X 3" HEADED STUDS @ 6" O.C.
SB-8	W8 X 13	
SB-8A	W8 X 18	
SB-8B	W8 X 31	
SB-10	W10 X 22	
SB-12	W12 X 45	
SB-12A	W12 X 19	
SB-21	W21 X 68	
SB-21A	W21 X 44	

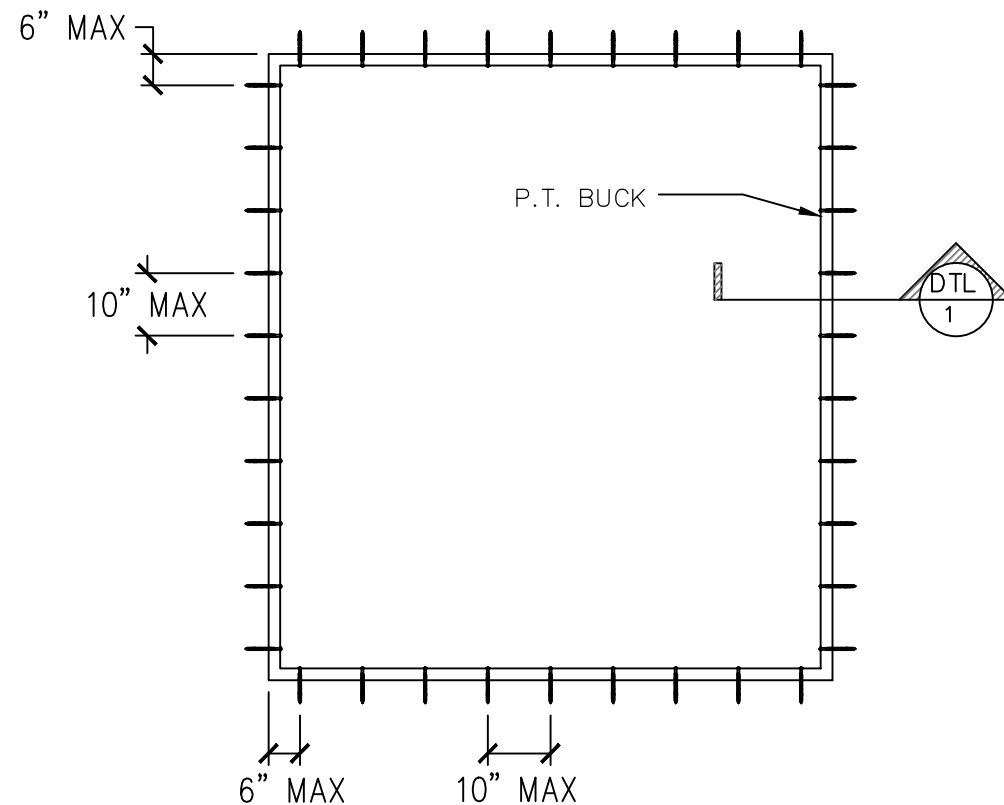
NOTES:

- ALL STEEL BEAMS TO BE ASTM A992
- ALL STEEL BEAMS TO BE PAINTED WITH (2) COATS WITH EPOXY BASED PRIMER
- CONTRACTOR TO SUBMIT FABRICATED SHOP DRAWINGS FOR ALL STRUCTURAL STEEL BEAMS & CONNECTORS FOR ENGINEER'S APPROVAL PRIOR INSTALLATION



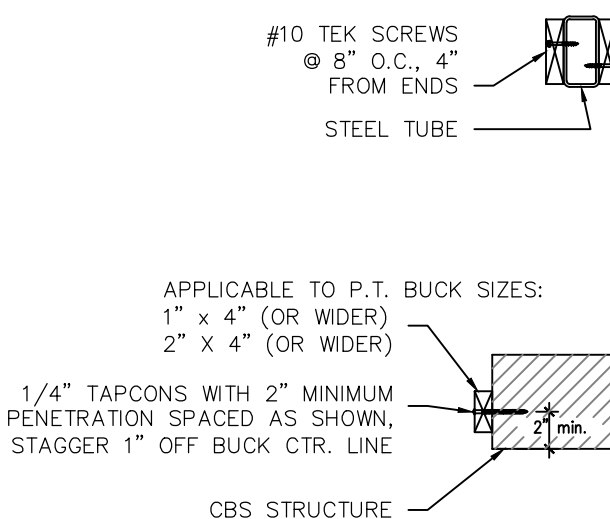
CONCRETE BEAM CORNER DETAIL

SCALE: 1/2" = 1'-0"



WOOD BUCK OPENING ELEVATION

SCALE: 1/2" = 1'-0"



DTL BUCK SECTION
1 SCALE: 1" = 1'-0"

LAP LENGTHS FOR TENSION BARS:
CONCRETE BEAMS (CLASS B LAPS)

#4 BAR = 28"
#5 BAR = 35"
#6 BAR = 42"
#7 BAR = 48"
#8 BAR = 56"



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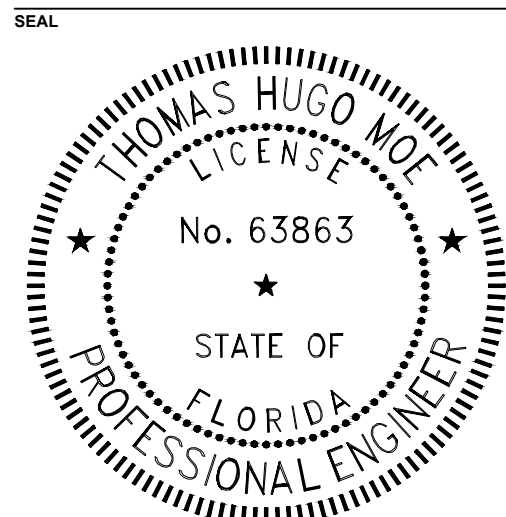
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PHASE	REVISION No.	DATE
100% Issued for Permit		09/19/2022
Owner Revision		12/12/2022
Owner Revision		05/04/2023

100% ISSUED FOR PERMIT

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PROJECT

PINECREST RESIDENCE
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Pinecrest, FL 33156

OWNER

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Pinecrest, FL 33156

TITLE

SCHEDULES

SCALE

PROJECT NUMBER

SHEET

S-8

DATE

03/18/2022

DRAWING NUMBER