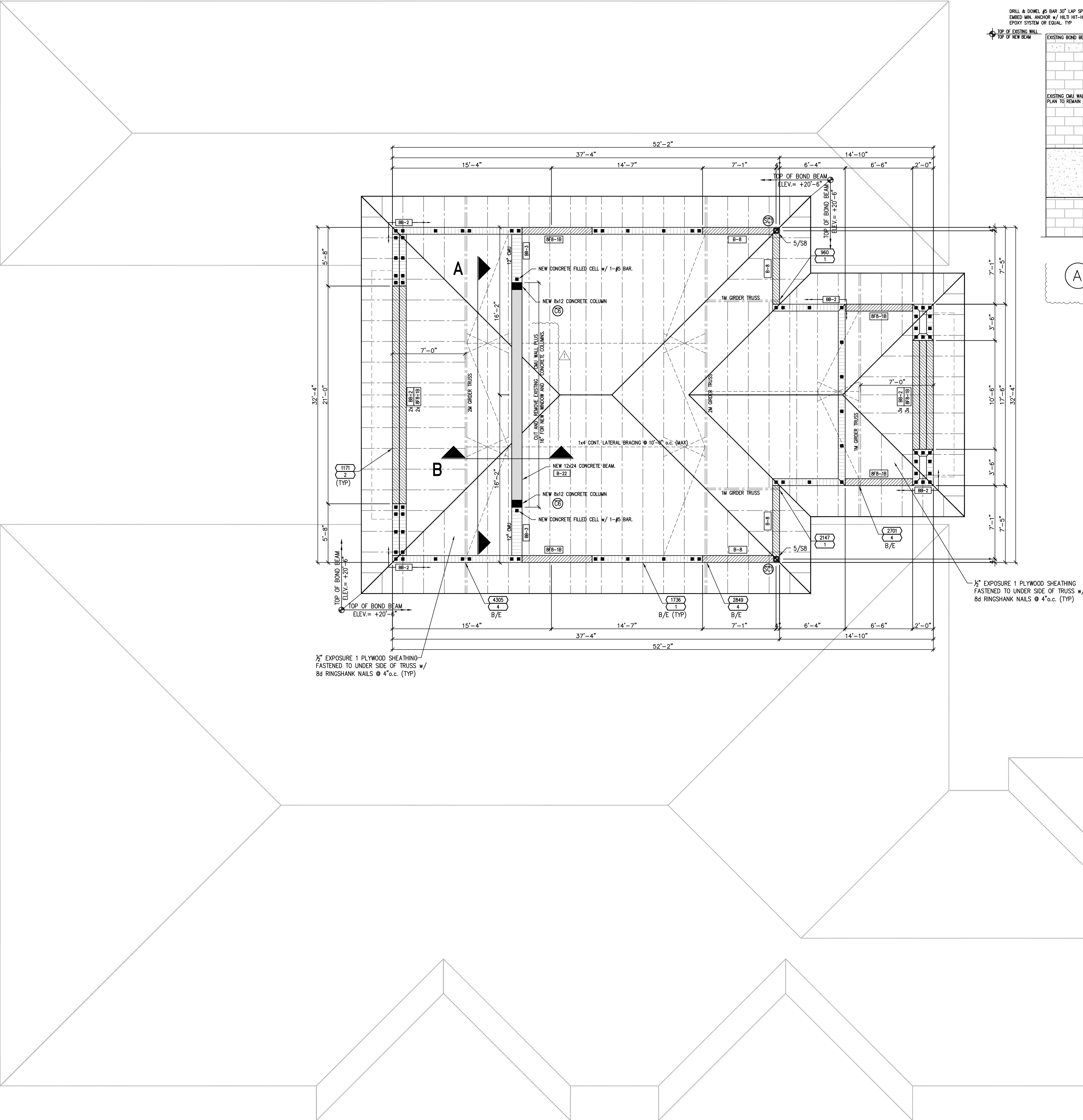
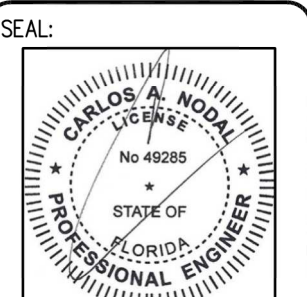




SCALE: 3/16" = 1'-0"

2-STORY RESIDENCE
7725 SW 114 ST
BY: HERITAGE HOMES
PINECREST, FL

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Digitally signed by Carlos Nodal
DN: cn=US, st=Florida, l=Sunrise, o=Carlos Nodal, cn=Carlos Nodal, email=Nodalco@yahoo.com
Date: 2025.02.20 10:47:36 -0500

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DATE: 04-11-2023
DRAWN BY: C.A.
CHECKED BY: C.N.
SCALE: 1/4"=1'-0"

SHEET

S-3

3 OF 9 SHEETS

FOUNDATION SYMBOLS

- 4" THK. REINFORCED CONCRETE SLAB WITH 6x6-1.4x1.4 WELDED WIRE MESH SUPPORTED FOR REQUIRED CLEARANCE @ 3'-0" o.c. OVER VAPOR BARRIER ON CLEAN WELL COMPACTED FILL FREE OF ORGANIC MATTER. MAXIMUM SIZE OF ANY ROCKS WITHIN 12" BELOW THE FLOOR SLAB SHALL BE A MAXIMUM OF 3" IN DIAMETER. CONCRETE f'_c = 3000 PSI.
- 4" THK CONCRETE SLAB, VERIFY SIZE & LOCATION
- RECESS SLAB 1" x 10" AT GARAGE DOOR
- 2-#4 x 3'-0" LG. PLACED DIAGONALLY TO THE CORNER, 12" APART WITH THE FIRST BAR AT 2" FROM CORNER. BARS SHALL BE PLACED IN UPPER THIRD OF SLAB.
- 1-#5 REINFORCEMENT BARS, GRADE 60 IN GROUT FILLED CELLS AT ALL CORNERS, NEXT TO ALL OPENINGS, AND AS FOLLOWS:
HOLLOW MASONRY UNITS OF CONCRETE, f_m = 1,500 PSI

REIN. FILLED CELL SCHEDULE MAX. SPACING		
WALL	EXTERIOR WALL	EXTERIOR WALL
FIRST LIFT	1-#5 @ 24" o.c.	1-#5 @ 24" o.c.
SECOND LIFT	1-#5 @ 48" o.c.	1-#5 @ 48" o.c.

- 1-#5 x 7'-0" LONG TRANSFER BARS WITH STANDARD HOOK @ 12" o.c. (TOP) WHERE SHOWN ON PLAN.
- PROVIDE 60" OF DOUBLE LAYER 6x6-1.4x1.4 WELDED WIRE MESH AS SHOWN ON PLAN.
- HATCH BLOTTING BETWEEN ALL PLYWOOD SEAMS & BOUNDARY (WALL/SUPPORT). CONNECT 2x4 BLOTTING w/ B6 RINGSHANK NAILS @ 6" o.c. (TYP).

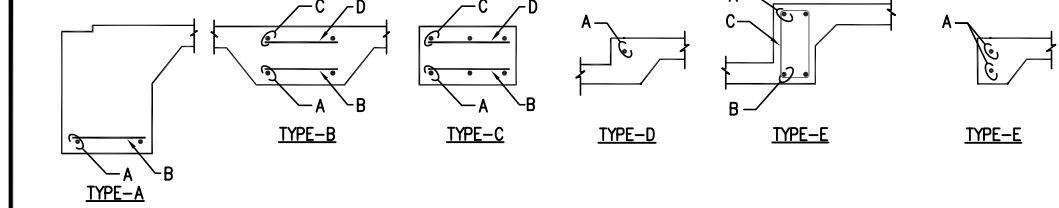
TYPICAL SAW CUT JOINT. SHALL BE CUT WITHIN 24 HRS. OF CONCRETE PLACEMENT. SEE DETAIL ON SHEET 5-4.

- Ⓐ = INDICATES COLUMN TYPE AND START OF COLUMN AT SLAB ELEVATION OR THE BEAM ELEVATION SHOWN. REFER TO COLUMN SCHEDULE FOR REINFORCEMENTS.
- Ⓕ = INDICATES COLUMN TYPE AND END OF COLUMN AT SLAB ELEVATION OR THE BEAM ELEVATION SHOWN. REFER TO COLUMN SCHEDULE FOR REINFORCEMENTS.
- Ⓖ = INDICATES COLUMN TYPE AND END & START OF COLUMN AT SLAB ELEVATION OR UNDERSIDE OF THE BEAM ELEVATION. REFER TO COLUMN SCHEDULE FOR REINFORCEMENTS & FOR TOP OF THE BEAM ELEVATION.

FOOTING SCHEDULE

MARK	FOOTING TYPE	WIDTH	LENGTH	DEPTH	TOP / BOTTOM REINFORCEMENT				REMARKS
					A	B	C	DD	
MF16	A	16"	CONT.	20" MIN. 36" MAX.	2-#5	#5 @ 12" o.c.	-	-	MONOLITHIC FOOTING - VERIFY DEPTH BTT OF FOOTING 12" MIN. BLW FINISH GRADE
MF16B	B	16"	CONT.	12"	3-#5	#5 @ 12" o.c.	-	-	MONOLITHIC FOOTING
MF20	A	20"	CONT.	20" MIN. 36" MAX.	3-#5	#5 @ 12" o.c.	-	-	MONOLITHIC FOOTING - VERIFY DEPTH BTT OF FOOTING 12" MIN. BLW FINISH GRADE
MF24	A	24"	CONT.	20" MIN. 36" MAX.	3-#5	#5 @ 12" o.c.	-	-	MONOLITHIC FOOTING - VERIFY DEPTH BTT OF FOOTING 12" MIN. BLW FINISH GRADE
MF24B	B	24"	CONT.	12"	3-#5	#5 @ 12" o.c.	-	-	MONOLITHIC FOOTING
MF36B	B	36"	CONT.	20" MIN. 36" MAX.	4-#5	#5 @ 12" o.c.	-	-	MONOLITHIC FOOTING - VERIFY DEPTH BTT OF FOOTING 12" MIN. BLW FINISH GRADE
MF60B	B	60"	CONT.	24"	7-#5	#5 @ 12" o.c.	7-#5	#5 @ 12" o.c.	MONOLITHIC FOOTING
WF36	C	36"	CONT.	12"	4-#5	#5 @ 12" o.c.	-	-	WALL FOOTING
IF36	C	36"	36"	12"	4-#5	4-#5	4-#5	4-#5	ISOLATED FOOTING
IF36x60	C	36"	60"	12"	4-#5	6-#5	6-#5	4-#5	ISOLATED FOOTING
IF36x78	C	36"	78"	12"	4-#5	8-#5	8-#5	4-#5	ISOLATED FOOTING
IF48x60	C	48"	60"	12"	5-#5	6-#5	6-#5	5-#5	ISOLATED FOOTING
TEB	D	8"	CONT.	8"	1-#5	-	-	-	THICKENED EDGE
TE10	F	8"	CONT.	10"	2-#5	-	-	-	THICKENED EDGE
QB-1	E	8"	CONT.	16"	2-#5	2-#5	#5 @ 24" o.c.	-	GRADE BEAM

FOOTING TYPES

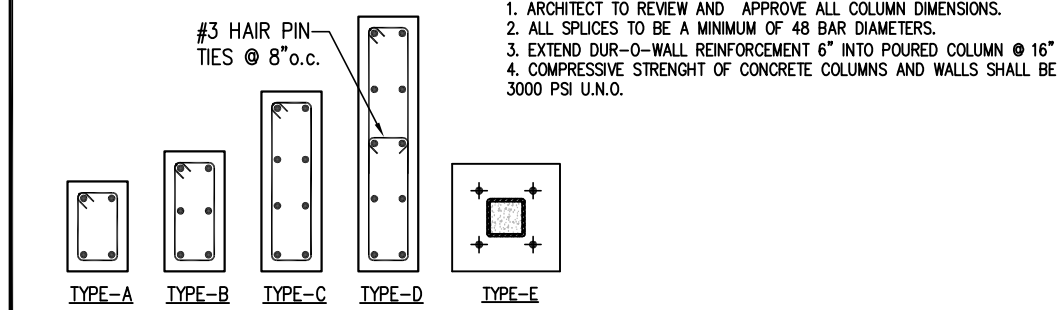


NOTE: PROVIDE 3'-30" x 30" #5 CORNER BAR @ ALL FOOTING CORNERS @ EXTERIOR EDGES. QUANTITY AND SIZE TO MATCH FOOTING REINF.

COLUMN SCHEDULE

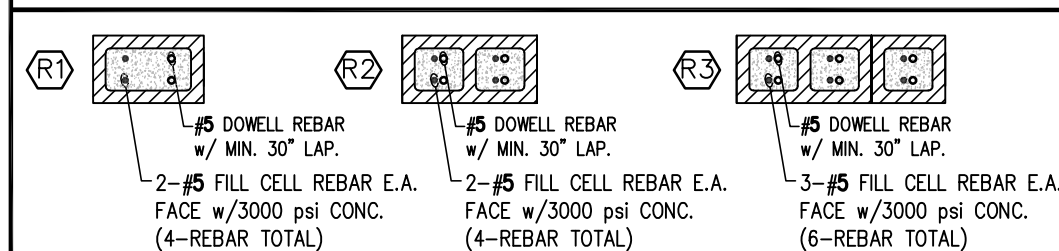
MARK	COLUMN TYPE	EMBEDDING	REINFORCEMENT		REMARKS
			VERTICAL	HORIZONTAL	
Ⓒ1	A	8"x12"	4-#7	YES #3 @ 8" o.c.	CONCRETE COLUMN
Ⓒ2	B	8"x16"	6-#5	YES #3 @ 8" o.c.	CONCRETE COLUMN
Ⓒ3	C	8"x20"	8-#7	YES #3 @ 8" o.c.	CONCRETE COLUMN
Ⓒ4	C	8"x23"	8-#5	YES #3 @ 8" o.c.	CONCRETE COLUMN
Ⓒ5	D	8"x28"	10-#7	YES #3 @ 8" o.c.	CONCRETE COLUMN
Ⓒ6	A	8"x12"	4-#5	YES #3 @ 8" o.c.	CONCRETE COLUMN
Ⓒ6	E	4" x 4" x 1/4"	CONCRETE FILLED STEEL COLUMN. F_y = 46 ksi.		

COLUMN TYPES

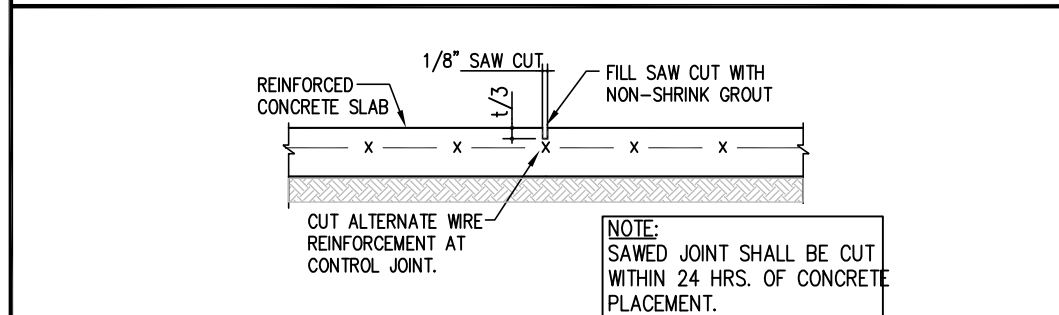


CONCRETE COLUMN NOTES:
1. ARCHITECT TO REVIEW AND APPROVE ALL COLUMN DIMENSIONS.
2. ALL SPICES TO BE A MINIMUM OF 48 BAR DIAMETERS.
3. EXTEND OUR-O-WALL REINFORCEMENT 6" INTO POURED COLUMN @ 16" COMPRESSIVE STRENGTH OF CONCRETE COLUMNS AND WALLS SHALL BE 3000 PSI UNLESS NOTED.

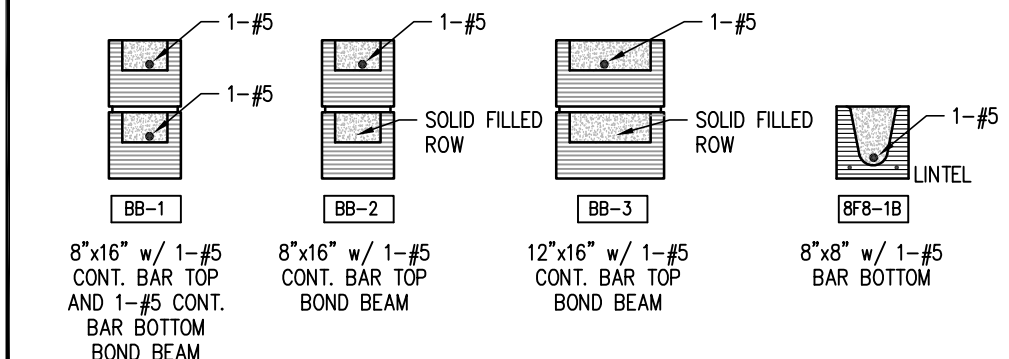
SPECIAL MASONRY REINFORCING



TYPICAL SAWCUT JOINT (S.C.J.)



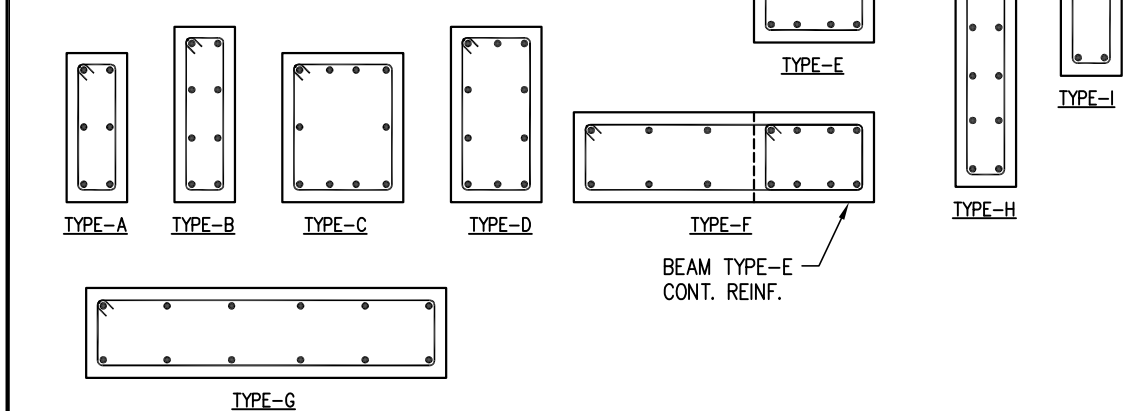
BOND BEAM SCHEDULE



CONCRETE BEAM SCHEDULE

MARK	BEAM TYPE	T.O. BEAM ELEVATION	WIDTH	HEIGHT	REINFORCEMENTS			STIRRUPS	REMARKS
					TOP	MIDDLE	BOTTOM		
B-1	C	+12'-0"	16"	24"	4-#7	2-#5	4-#7	#3 @ 8" o.c.	CONCRETE BEAM
B-2	C	+12'-0"	16"	24"	4-#7	2-#5	4-#7	#3 @ 8" o.c.	CONCRETE BEAM
B-3	A	+12'-0"	8"	24"	2-#5	2-#5	2-#5	#3 @ 8" o.c.	CONCRETE BEAM
B-4	B	+13'-4"	8"	38"	2-#7	4-#5	2-#7	#3 @ 8" o.c.	UPTURNED CONCRETE BEAM
B-5	A	+13'-4"	8"	20"	2-#5	2-#5	2-#5	#3 @ 8" o.c.	UPTURNED CONCRETE BEAM
B-6	B	+13'-4"	8"	38"	2-#7	4-#5	2-#7	#3 @ 8" o.c.	UPTURNED CONCRETE BEAM
B-7	D	+13'-4"	12"	38"	3-#7	4-#5	3-#7	#3 @ 8" o.c.	UPTURNED CONCRETE BEAM
B-8	A	+20'-6"	8"	24"	2-#5	2-#5	2-#5	#3 @ 8" o.c.	CONCRETE BEAM
SB-1	F	+13'-0"	38"	12"	7-#5	-	7-#5	#3 @ 6" o.c.	CONCRETE SLAB BEAM
SB-1A	E	+13'-0"	16"	12"	4-#5	-	4-#5	#3 @ 6" o.c.	CONCRETE SLAB BEAM CONT. REINF. FROM SB-1
SB-2	G	+14'-0"	48"	12"	6-#5	-	6-#5	#3 @ 6" o.c.	CONCRETE SLAB BEAM
B-21	H	+14'-0"	8"	60"	2-#7	6-#5	2-#7	#3 @ 12" o.c.	CONCRETE BEAM
B-21A	I	+14'-0"	8"	12"	2-#7	-	2-#5	#3 @ 6" o.c.	CANTILEVER CONCRETE BEAM CONT. REINF. FROM B-21
B-22	H	+20'-6"	12"	24"	3-#7	2-#5	3-#7	#3 @ 8" o.c.	CONCRETE BEAM

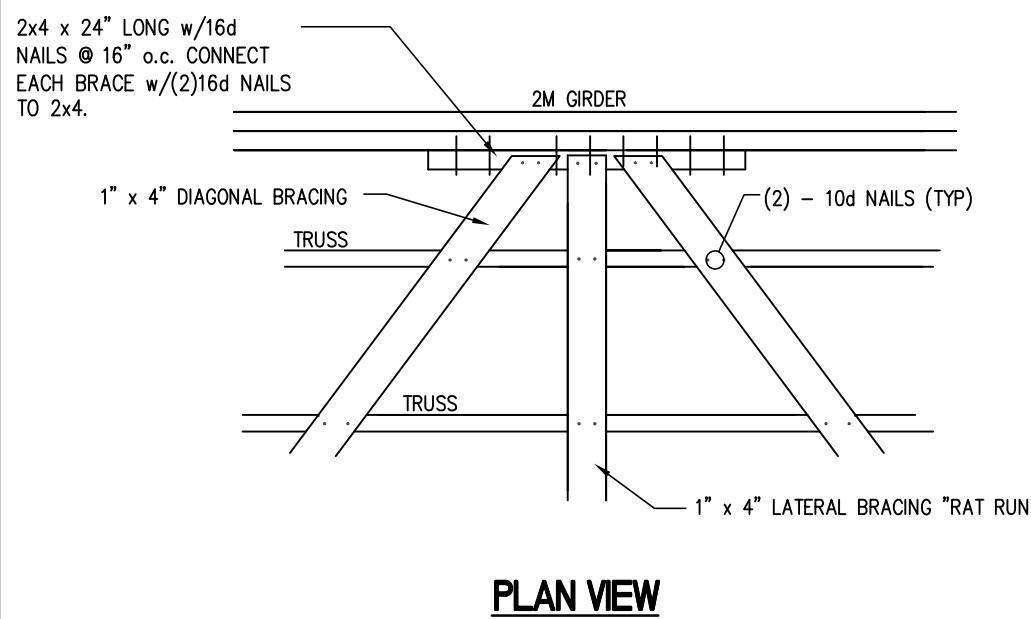
CONCRETE BEAM TYPES



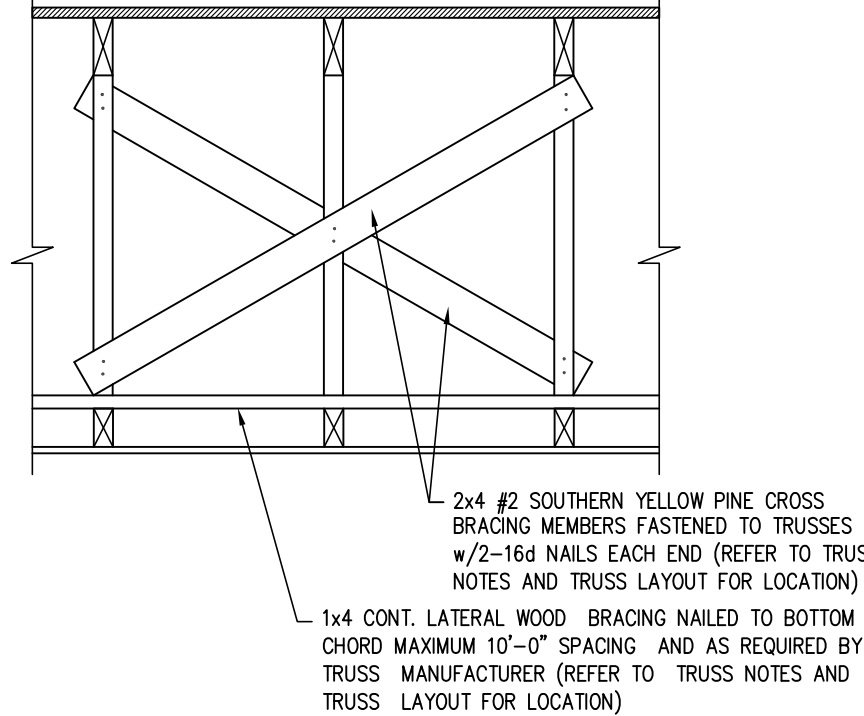
CONCRETE BEAM NOTES:
1. ARCHITECT TO REVIEW AND APPROVE ALL BEAM ELEVATIONS AND BEAM DEPTHS.
2. THE BEAMS SHALL HAVE 4-#3 TIES @ 12" o.c. AT ALL CORNERS, EACH WAY AND @ 8" o.c. AT OPENINGS AND 48" o.c. REMAINDER.
3. PROVIDE 2-#5 x 60" CORNER BARS 30" EACH WAY @ ALL CORNERS.

ANCHOR LEGEND

1	USP DHTA20 DOUBLE TRUSS ANCHOR w/ 10-104 x 1/2" NAILS TO EACH STRAP. (FL 17680)	UPLIFT CAPACITY = 2430 LBS.
2	USP HTA16R TRUSS ANCHOR (FL 17680) w/ 10-104 x 1/2" NAILS TO TRUSS STRAP.	UPLIFT CAPACITY = 1870 LBS.
3	USP THD210 HANGER w/ 20-104 x 1/2" NAILS TO TRUSS AND 10-1/2" TAPCONS TO WALL (1/2" MIN. EMBED.) SOLID FILLED WALL AT BUCKET. SEE SHADED HOLES FOR TAPCON LOCATION. (FL 17323)	UPLIFT CAPACITY = 2250 LBS.
4	USP USC63 ORDER TIE-DOWN w/ 4-3/4" x 6" LG EXPANSION BOLTS TO WALL AND 8-16d NAILS TO GORDER TRUSS. SOLID FILLED WALL AT BOLT LOCATIONS. PROVIDE WOOD FILLER AS REQUIRED. (FL 2033)	UPLIFT CAPACITY = 7813 LBS.
5	SPECIAL BRACKET DETAIL w/ 4-3/4" THRU BOLTS TO GORDER TRUSS AND 4-3/4" x 6" LG EXPANSION BOLTS TO WALL (43/4" MIN. EMBED.) SEE DETAIL 7/56.	UPLIFT CAPACITY = 5216 LBS.

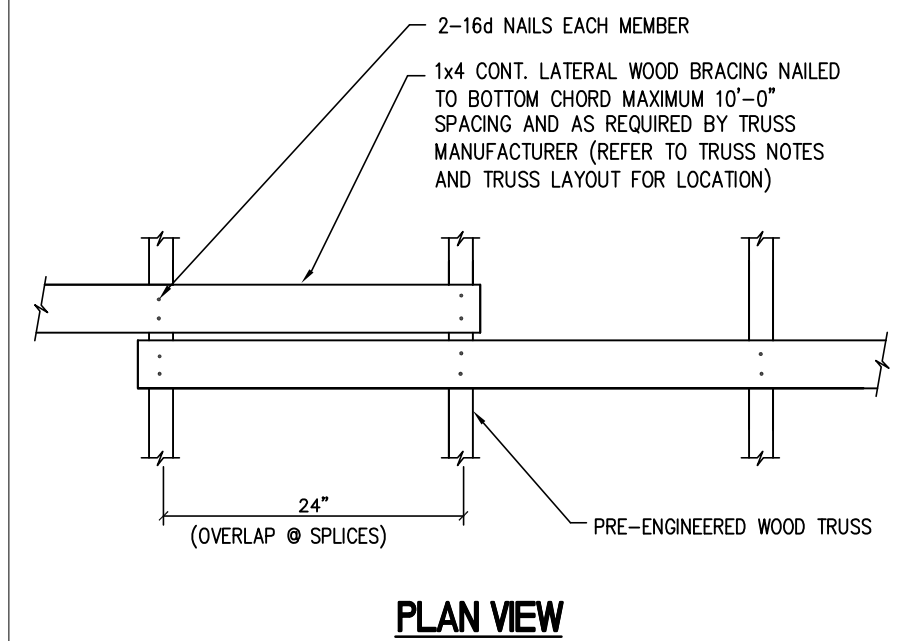


PLAN VIEW



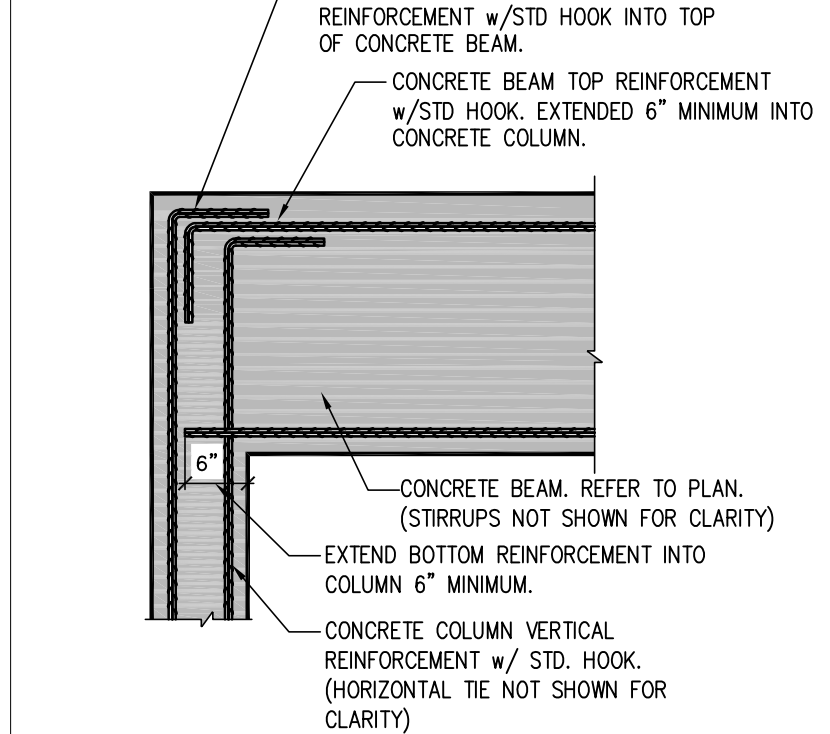
TYPICAL X-BRACE DETAIL

SCALE: N.T.S.



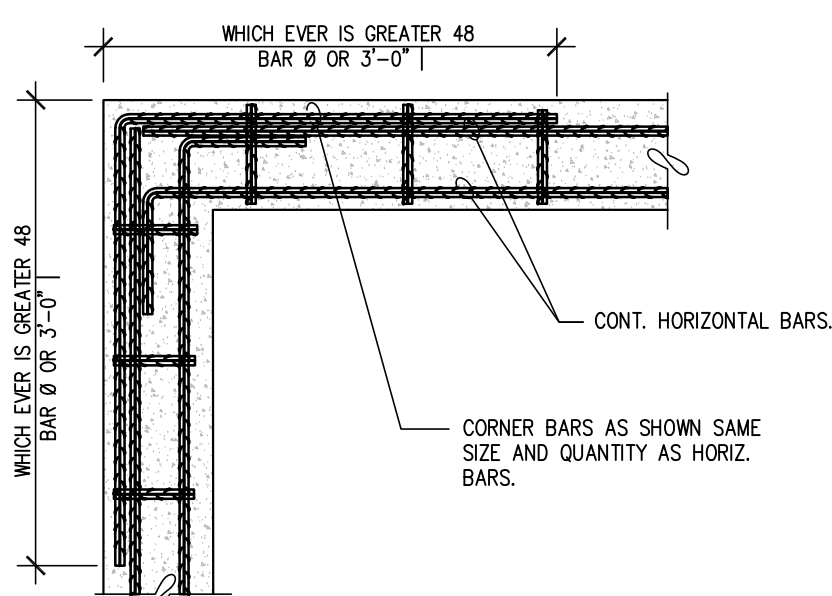
TYPICAL LATERAL BRACE SPLICE

SCALE: N.T.S.

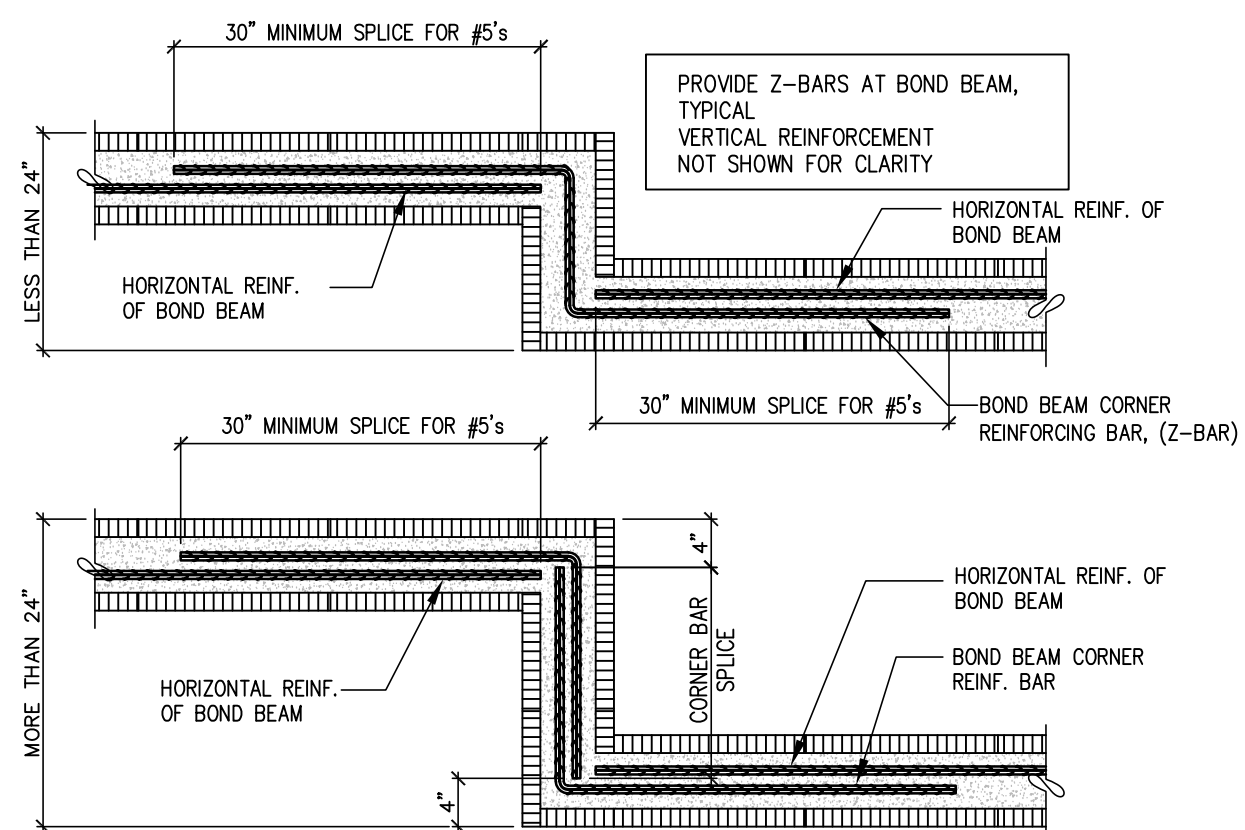


TYP. BEAM BEARING DETAIL

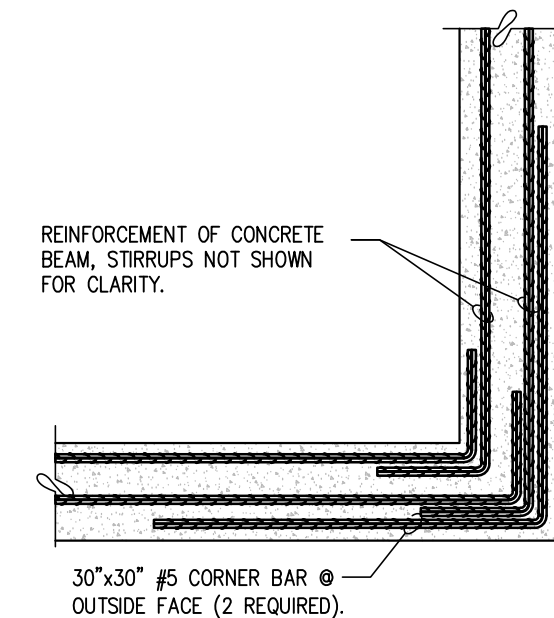
SCALE: N.T.S.



FOUNDATION - PLAN VIEW



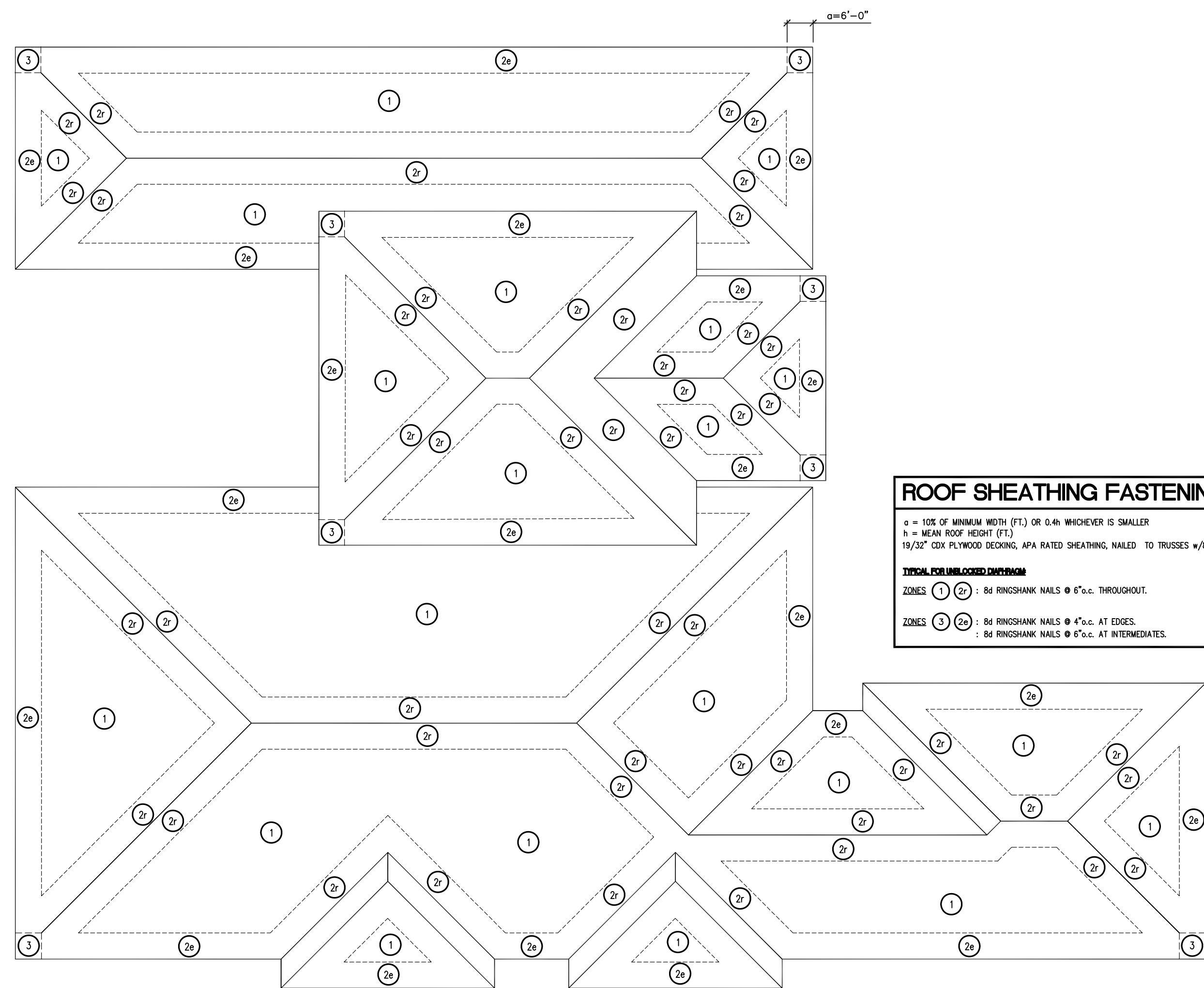
BOND BEAM - PLAN VIEW



CONCRETE BEAM - PLAN VIEW

TYPICAL CORNER REINFORCING DETAIL

SCALE: N.T.S.



ROOF SHEATHING FASTENING DETAIL

a = 10% OF MINIMUM WIDTH (FT.) OR 0.4h WHICHEVER IS SMALLER
h = MEAN ROOF HEIGHT (FT.)
19/32" CDX PLYWOOD DECKING, APA RATED SHEATHING, NAILED TO TRUSSES w/ B6 RINGSHANK NAILS.
TYPICAL FOR UNLOADED CHIMNEY
ZONES 1 2: 8d RINGSHANK NAILS @ 6" o.c. THROUGHOUT.
ZONES 3 2a: 8d RINGSHANK NAILS @ 4" o.c. AT EDGES.
8d RINGSHANK NAILS @ 6" o.c. AT INTERMEDIATES.

REVISIONS:
STRUCT / WINDOW REVISION
02-11-2025

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SHEET
S-4
4 OF 9 SHEETS