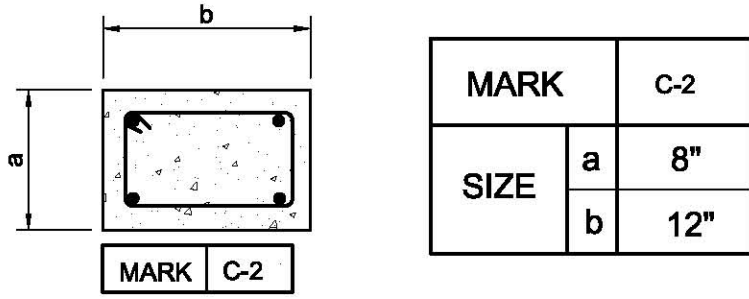
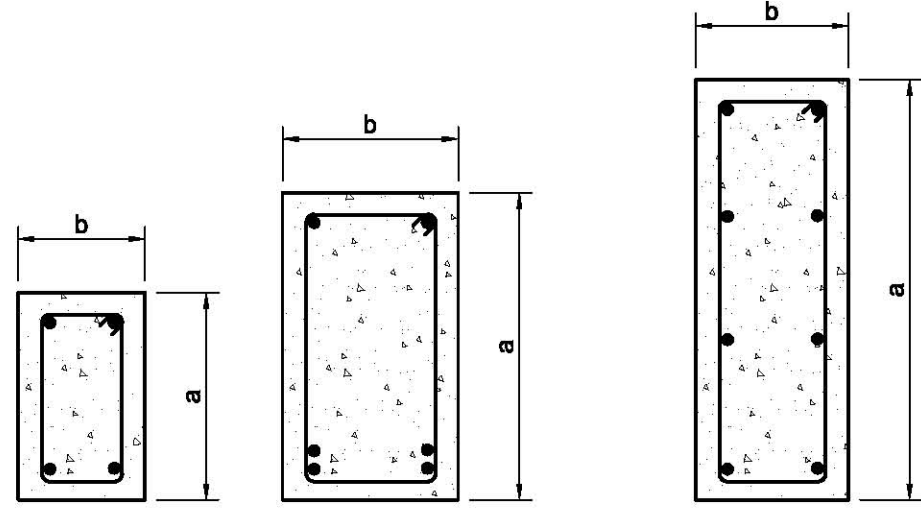


COLUMN SCHEDULE				
MARK	SIZE	REINFORCEMENT		REMARKS
		VERTICALS OR BASE >	TIES OR CAP >	
TC-1	8" x 12"	4 # 5	#3  @ 8" O/C.	CONC., 3000 psi
C-1	4" x 4"x ¼"	10"x10"x½"	8"x8"x½"	STEEL, fy=46,000 psi
C-2	8" x 12"	4 # 5	#3  @ 8" O/C.	CONC., 3000 psi



COLUMN BAR-ARRANGEMENT DETAILS
N.T.S.



MARK	TB-1	B-1		B-3	B-4	B-3	B-4
	a	12"	30"		12"	12"	16"
SIZE	b	8"	8"		8"	8"	8"

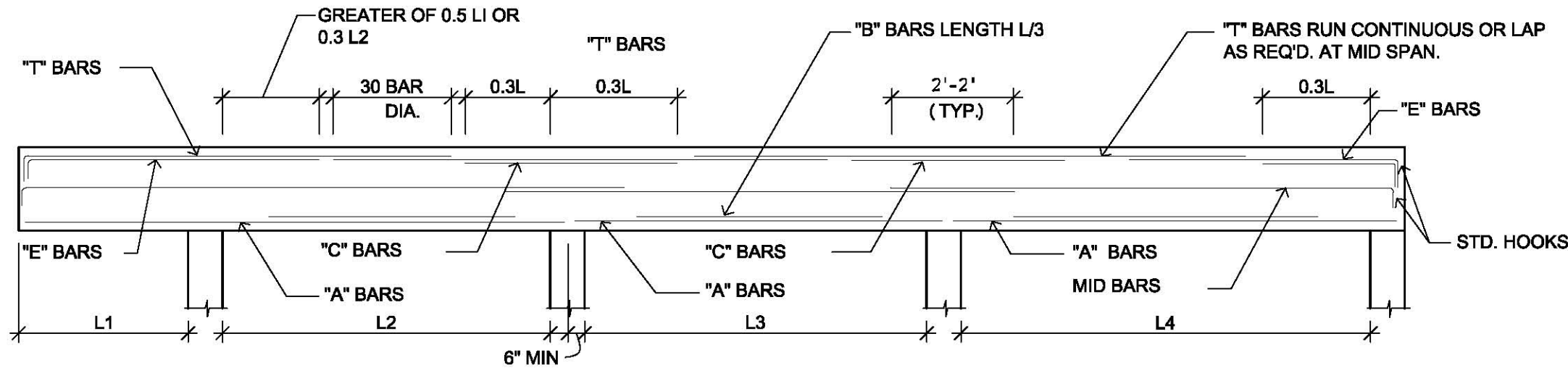
TIE BEAM/ BEAM DETAIL
N.T.S.

FOOTING SCHEDULE				
MARK	SIZE W x L x D	REINFORCEMENT		REMARKS
		LONG.	TRANS.	
TE	8" x CONT. x 12"	1 #5 BOTTOM	-	CONC.
WF-24	24" x CONT. x 12"	3 #5	#4 @ 36" O/C.	BOTTOM
CF-40	48" x 48" x 12"	5 #5	5 #5	BOTTOM
CF-3080	36" x 96" x 12"	4 #5	8 #5	BOTTOM

BEAM SCHEDULE											
MARK	TOP ELEV.	SIZE (INCHES)		BOTTOM. REINF.		TOP REINFORCING			STIRRUPS		REMARKS
		W	D	"A" BARS	"B" BARS	"C" BARS	"T" BARS	"E" BARS	SIZE	No. & SPACING EACH END	
TB-1	VARIES	8"	12"	2 #5			2 #5		# 3	4 @12" (EA. END) O/C., BAL @ 48" O/C.	CONC.
B-1	+10'- 4"	8"	30"	2 #5			2 #5		# 3	@12"O/C.	CONC. (2)
B-2											
B-3	+10'- 10"	8"	12"	2 #5			2 #5		# 3	8 @4" (EA. END O/C., BAL @ 12" O/C.	CONC.
B-4	+10'- 10"	8"	12"	2 #5	2 #6	2 #5	2 #5		# 3	@ 5" O/C.	CONC.
B-5	+10'- 10"	8"	24"	2 #6	2 #6		2 #5		# 3	@ 10" O/C.	CONC.
B-6	+20'- 10"	8"	24"	2 #5			2 #5		# 3	@12"O/C.	CONC.

NOTE:

- (1) THREE LAYERS AS SHOWN ON TIE BEAM/ BEAM DETAIL.
- (2) FOR BEAM DEPTH THAN 2'-0" MID BARS IS REQUIRED #4@12" E.F.



NOTE :

1. "L" IS THE LONGER OF ADJACENT SPAN.
2. 8" WIDE BEAMS TAKE A MAXIMUM OF 2 BARS PER LAYER.
3. STIRRUPS TO BE CLOSED TYPE WITH 135° HOOK.
4. MID BARS TO BE #4@12" E.F. WHENEVER BEAM DEPTH IS LARGER THAN 2'-0".

TYPICAL BEAM BAR PLACING DIAGRAM

N.T.S.

DEVELOP. LENGTH (ldh) SCHEDULE OF HOOKED BARS IN TENSION

BAR SIZE	f'c=3000 psi	f'c=4000 psi	f'c=5000 psi
#3	9	8	7
#4	11	10	9
#5	14	12	11
#6	17	15	13
#7	20	17	15
#8	22	19	17
#9	25	22	20
#10	28	25	22
#11	31	27	24

FOOTNOTES:

1. VALUES ARE BASED ON BARS WHICH ARE NOT EPOXY-COATED, NORMAL WEIGHT CONCRETE, AND fy=60,000 psi.
2. ldh: DEVELOPMENT LENGTH OF HOOKED BARS IN TENSION FOR 90 DEGREE END HOOKS, AND END COVER NOT LESS THAN 2 IN.

BAR LAP LENGTH SCHEDULE						
BAR SIZE	f _c =3000 psi		f _c =4000 psi		f _c =5000 psi	
	TOP REINF. CLASS B	ALL OTHER REINF. CLASS A	TOP REINF. CLASS B	ALL OTHER REINF. CLASS A	TOP REINF. CLASS B	ALL OTHER REINF. CLASS A
#3	2'-6"	1'-5"	2'-2"	1'-3"	1'-11"	1'-1"
#4	3'-2"	1'-10"	2'-9"	1'-7"	2'-6"	1'-5"
#5	4'-1"	2'-4"	3'-6"	2'-0"	3'-2"	1'-10"
#6	4'-8"	2'-9"	4'-2"	2'-5"	3'-9"	2'-2"
#7	6'-10"	4'-0"	6'-0"	3'-6"	5'-5"	3'-2"
#8	7'-10"	4'-7"	6'-10"	4'-0"	6'-1"	3'-7"
#9	8'-10"	5'-2"	7'-9"	4'-6"	6'-10"	4'-0"
#10	9'-11"	5'-10"	8'-8"	5'-1"	7'-9"	4'-6"
#11	11'-1"	6'-6"	9'-7"	6'-7"	8'-6"	5'-0"

FOOTNOTES:

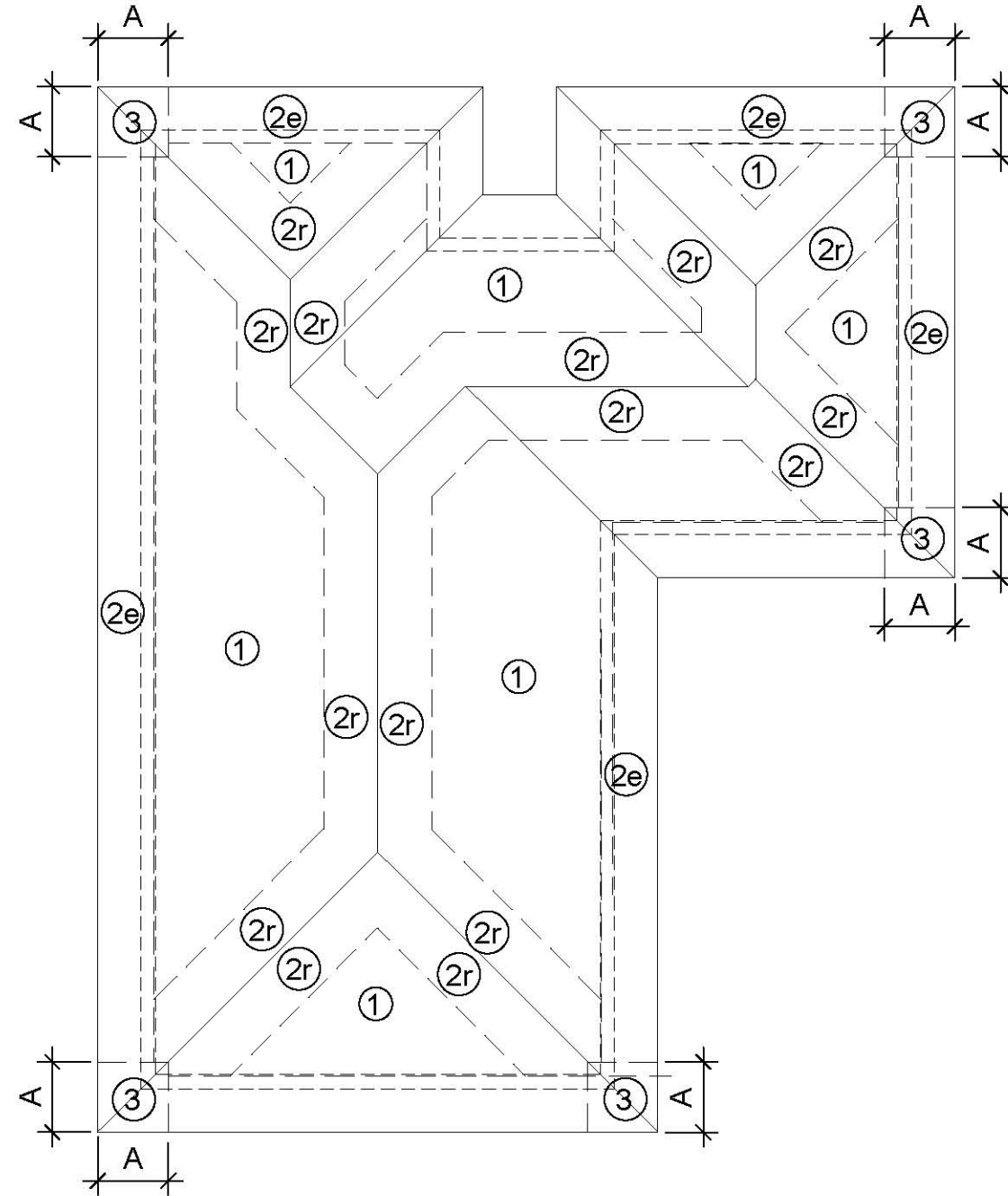
1. VALUES ARE BASED ON BARS WHICH ARE NOT EPOXY-COATED, NORMAL WEIGHT CONCRETE, AND fy=60,000 psi.
2. USE BARS LAP LENGTH CLASS "B" AT BOTTOM STEEL REINFORCING FOR ALL EXTERIOR (PERIMETER) BEAMS

DEVELOPMENT LENGHT TENSION BAR (ld)

BAR SIZE	f'c=3000 psi		f'c=4000 psi		f'c=5000 psi	
	TOP STEEL SEE NOTE 3	ALL OTHER REINF.	TOP STEEL SEE NOTE 3	ALL OTHER REINF.	TOP STEEL SEE NOTE 3	ALL OTHER REINF.
#3	1'-11"	1'-5"	1'-8"	1'-3"	1'-5"	1'-1"
#4	2'-5"	1'-10"	2'-1"	1'-7"	1'-11"	1'-5"
#5	3'-1"	2'-4"	2'-8"	2'-0"	2'-5"	1'-10"
#6	3'-7"	2'-9"	3'-2"	2'-5"	2'-10"	2'-2"
#7	5'-3"	4'-0"	4'-7"	3'-6"	4'-2"	3'-2"
#8	6'-0"	4'-7"	5'-3"	4'-0"	4'-8"	3'-7"
#9	6'-9"	5'-2"	5'-11"	4'-6"	5'-3"	4'-0"
#10	7'-7"	5'-10"	6'-8"	5'-1"	5'-11"	4'-8"
#11	8'-6"	6'-8"	7'-4"	6'-7"	6'-6"	5'-0"

FOOTNOTES:

1. ld: IS THE TENSILE DEVELOPMENT LENGTH. ALSO, ld MUST NEVER BE TAKEN LESS THAN 12 INCH.
2. VALUES ARE BASED ON BARS WHICH ARE NOT EPOXY-COATED, NORMAL WEIGHT CONCRETE, AND fy=60,000 psi.
3. STEEL REINFORCEMENT PLACED SO THAT MORE THAN 1/2" OF FRESH CONCRETE IS CAST BELOW THE BAR BEING DEVELOPED (USUALLY APPLIES FOR TOP STEEL REINFORCING, CONTRACTOR TO VERIFY AS PER BEAM DIMENSIONS IF APPLIES)



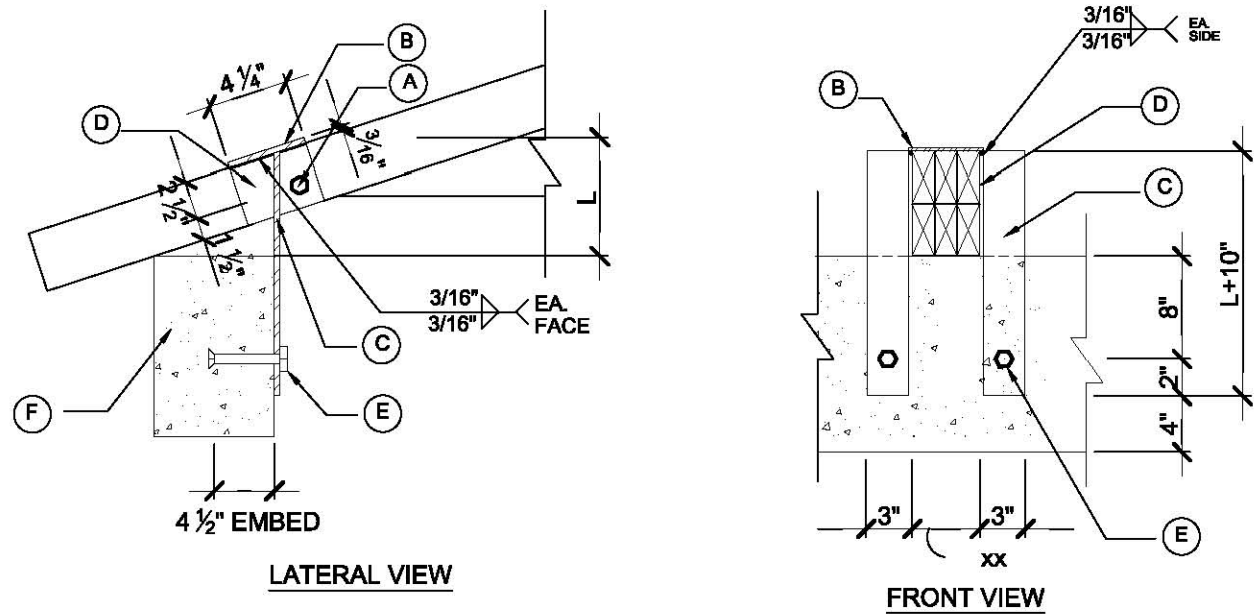
A = 3.9 FT.

ZONE	WIND UPLIFT PRESSURES (PSF)					
	10 SF	20 SF	30 SF	40 SF	50 SF	100 SF
1	-46.14	-44.86	-44.10	-43.57	-43.16	-41.87
2e	-46.14	-44.86	-44.10	-43.57	-43.16	-41.87
2r	-80.32	-73.89	-70.13	-68.46	-65.39	-58.96
3e	-80.32	-73.89	-70.13	-68.46	-65.39	-58.96
3r	-96.32	-85.89	-74.13	-63.46	-62.39	-50.96

* DO NOT REDUCE WIND UPLIFT PRESSURE BY ANY DEAD LOAD

ROOF STRUCTURE WIND UPLIFT PRESSURES (TYP.)

N.T.S



SCHEDULE	
	DESCRIPTION
(A)	(1) ¾" Ø THRU BOLTS FOR ONE PLY TRUSS.
(B)	STEEL PLATE 4 ½"x4"x ¾" FY = 36 KSI
(C)	STEEL PLATE L-10"x3"x ¾" FY = 36 KSI
(D)	STEEL PLATE 4 ½"x4"x ¾" FY = 36 KSI
(E)	(2) ¾" DIAM. ANCHOR BOLTS, 4 ½" MIN. EMB. INTO CONC.
(F)	CONCRETE TIE BEAM

PRODUCT CODE	PLYS	XX (in)	ALLOWABLE LOAD (lbs)		
			UPLIFT	LATERAL LOAD	
NVUCB-1	1	2	4800	3350	2770
NVUCB-2	2	4	9600	4250	4900
NVUCB-3	3	6	10040	4250	5200

ANCHOR CONNECTOR

N.T.S.

Arianna Prieto, P.E.

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Arianna Prieto, P.E.
FL. P.E. No 90741

REVISION/RECORD	DATE	O.C.		OWNER CHANGE					
1	04/05/2023								
5	01/27/2025								

DRAWING CONTENT:
TYPICAL DETAIL.
TO THE BEST OF THE ARCHITECT'S OR ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE PRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY.

PROJECT: 2-Story Addition.
OWNER: Eva Vaccaro
ADDRESS: 12940 S.W. 63rd Avenue, Pinecrest, Florida, 33156
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DRAWN:	L.A.H.
REVISED	A.prieto

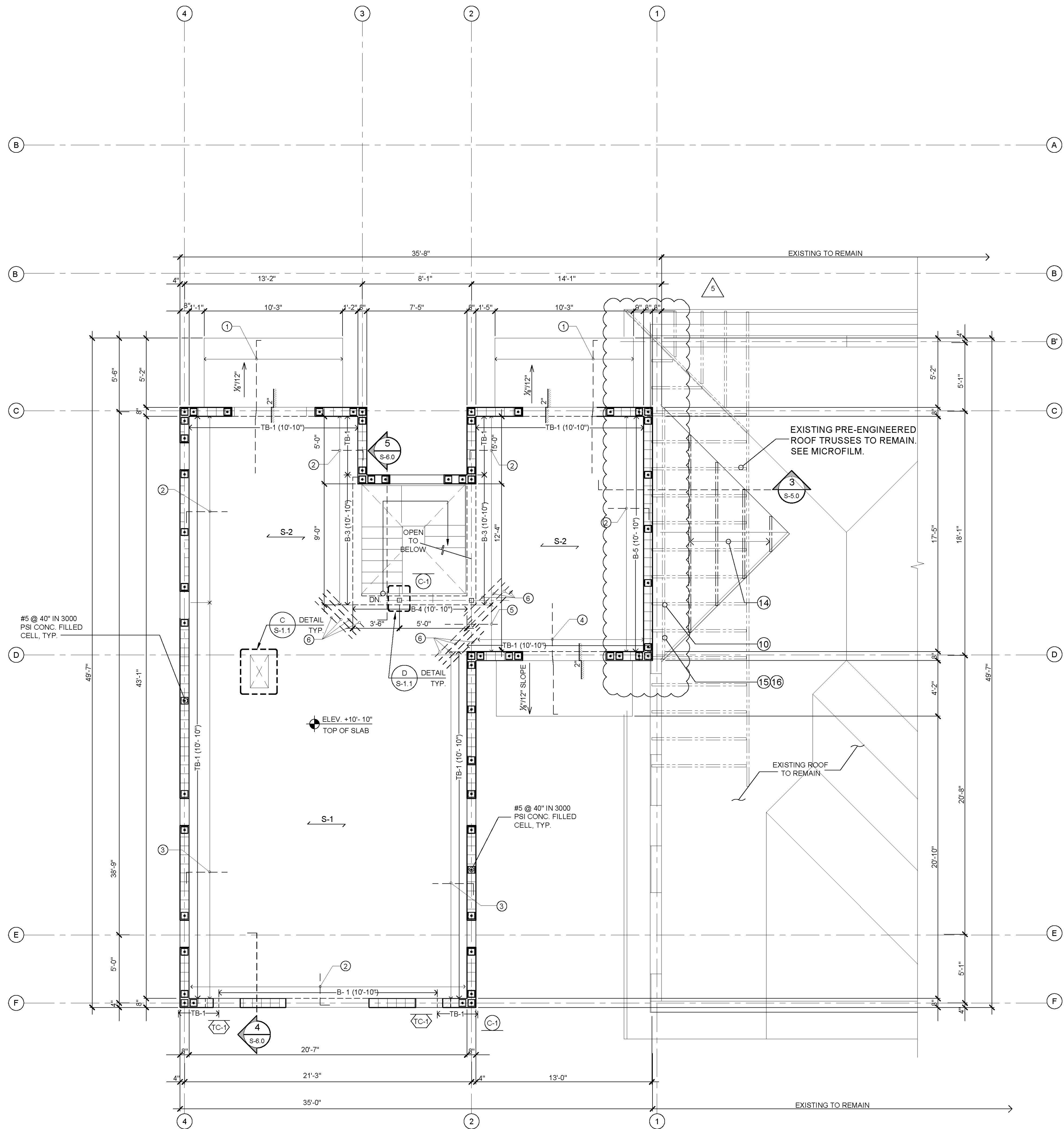
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S-1.2

NOTES	
1.	FOR GENERAL NOTES, SCHEDULE AND DETAIL REFER TO SHEET S-1.0
2.	CENTERLINE OF COLUMNS AND/OR WALL SHALL COINCIDE WITH THE CENTERLINE OF BEAMS AND/OR FOUNDATIONS BELOW.
3.	CENTERLINE OF BEARING WALL OR COLUMN BELOW IS CENTER LINE OF WALL OR COLUMN THIS LEVEL UNLESS OTHERWISE NOTED.
4.	COORDINATE ALL ROOF SLOPES AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
5.	FOR EXACT LOCATION OF ANY OPENING AND/OR EQUIPMENT, COORDINATE WITH ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.
6.	FOR NON LOAD BEARING MASONRY WALLS AND/OR PARTITIONS, REFER TO ARCHITECTURAL DRAWINGS.
7.	FLOOR SYSTEM CONSIST OF 6" CONC. SLAB REINF. AS SHOWN.

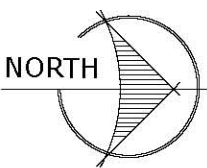
NOTE:	
DESIGN CRITERIA:	ROOF SUPERIMPOSED LOADS:
ASCE 7-16 V = 175 M.P.H. CATEGORY II EXPOSURE C I = 1.0	DL = 20 P.S.F. LL = 40 P.S.F. SYSTEM DL = 95 P.S.F. ENCLOSED BUILDING

LEGEND:	
	DENOTES OUTLINE OF EXISTING TIE BEAM.
	DENOTES OUTLINE OF EXISTING TIE BEAM.
	DENOTES OUTLINE OF NEW CONC. SLAB.
	DENOTES NEW CONCRETE BEAM, SEE SCHEDULE FOR REINFORCEMENT.
	DENOTES NEW WOOD TRUSSES.
	DENOTES OUTLINE OF NEW ROOF.
	DENOTES NEW STEEL COLUMNS, SEE SCHEDULE ON SHEET S-1.2.
	DENOTES NEW CONC. COLUMN, SEE SCHEDULE ON SHEET S-1.2.

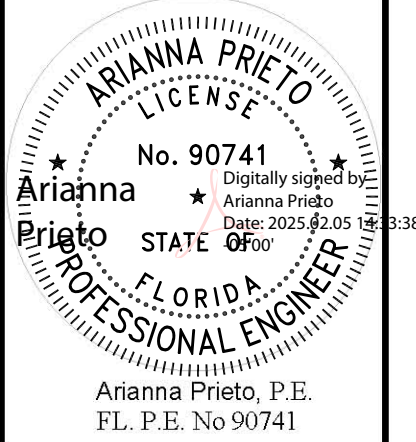


PARTIAL 2nd FLOOR PLAN

SCALE: 1/4"=1'-0"



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1	04/05/2023	O.C.
2	05/21/2024	B.D.C
5	01/27/2025	OWNER CHANGE

DRAWING CONTENT:
**SECOND FLOOR FRAMING
PLAN.**

TO THE BEST OF THE ARCHITECT'S OR ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY.

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OWNER: Eva Vaccaro
ADDRESS: 12940 S.W. 63rd Avenue, Pinecrest, Florida, 33156

DATE:	June 14 ,2022
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REVISED	A.prieto

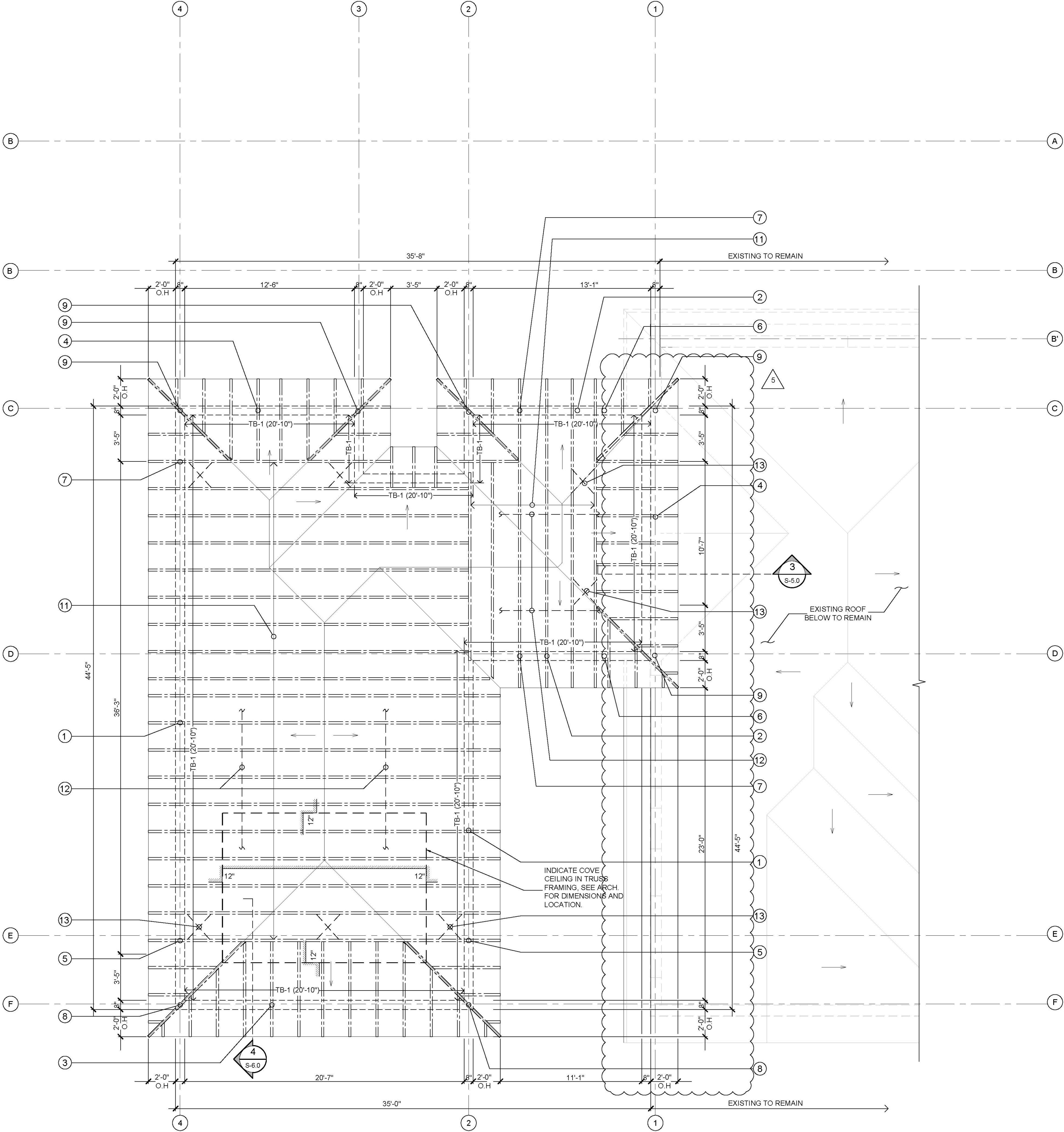
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S-3.0

WOOD CONNECTORS SCHEDULE:	
1	G= 1430.00 lbs U= 1790.12 lbs PROVIDE (1) NVHTA-16 NAILED WITH 12-10d NAILS AT STRAP AND 6-10d NAILS AT SEAT, BY MFR. NU VUE . NOA # 20-0901.05.
2	G= 1265.00 lbs U= 1634.95 lbs PROVIDE (1) NVHTA-16 NAILED WITH 10-10d NAILS AT STRAP AND 6-10d NAILS AT SEAT, BY MFR. NU VUE . NOA # 20-0901.05.
3	G= 385.00 lbs U= 551.62 lbs PROVIDE (1) NVSTA-16 NAILED WITH 5-10d NAILS AT STRAP AND 6-10d NAILS AT SEAT, BY MFR. NU VUE . NOA # 20-0526.05.
4	G= 330.00 lbs U= 479.83 lbs PROVIDE (1) NVSTA-16 NAILED WITH 5-10d NAILS AT STRAP AND 6-10d NAILS AT SEAT, BY MFR. NU VUE . NOA # 20-0526.05.
5	G= 2860.00 lbs U= 3072.73 lbs PROVIDE (1) NV358-16 NAILED WITH 16-10d NAILS AT STRAP AND 8-10d NAILS AT SEAT, BY MFR. NU VUE . NOA # 20-0526.05.
6	G= 4647.50 Lbs U= 4893.18 Lbs PROVIDE (1) NVUCB-2 WITH 1-3/4" THRU BOLT AND 2-3/4" EXP. BOLTS EMBEDDED INTO CONC. SEE ANCHOR CONNECTOR DETAIL ON SHEET S-1.1.
7	G= 2213.75 lbs U= 2444.64 lbs PROVIDE (1) NV358-16 NAILED WITH 16-10d NAILS AT STRAP AND 8-10d NAILS AT SEAT, BY MFR. NU VUE . NOA # 20-0526.05.
8	G= 962.50 lbs U= 1173.43 lbs PROVIDE (1) NVSTA-16 NAILED WITH 7-10d NAILS AT STRAP AND 6-10d NAILS AT SEAT, BY MFR. NU VUE . NOA # 20-0526.05.
9	G= 660.00 lbs U= 838.98 lbs PROVIDE (1) NVSTA-16 NAILED WITH 5-10d NAILS AT STRAP AND 6-10d NAILS AT SEAT, BY MFR. NU VUE . NOA # 20-0526.05.
10	G= 660.00 lbs U= 775.89 lbs PROVIDE (1) NVJH26 NAILED WITH 10-10d NAILS AT HEADER AND 6-10d NAILS AT TRUSS, BY MFR. NU VUE . NOA # 20-0610.01.
11	PRE-ENGINEERING WOOD TRUSSES AT 24" O/C.
12	NEW 2"x4" HORIZONTAL BOTT. CHORD BRACED @ 8'-0" O/C.
13	NEW 2x4 TYPICAL CROSS BRACED AT EACH END ROW OF PERMANENT HORIZONTAL BRACING. AT EACH END OF THE BUILDING AND AT NOT MORE THAN 20'-0" SPACING IN DIRECTION OF HORIZONTAL BRACING
14	NEW PRE-ENGINEERING WOOD PIGGYBACK TRUSSES AT 24" O/C. PIGGYBACK TRUSSES TO MATCH EXISTING ROOF SLOPE.
15	(2)2x8 P.T. WOOD LEDGER WITH 3/8" HI-LO Kwik BOLTS III @ 18" O/C. & 4 1/2" MIN. EMBEDMENT STAGGERED IN 3000 PSI CONC. FILLED CELLS AS SHOWN ON DETAIL. SEE SHEET S-1.1.
16	2x6 P.T. WOOD LEDGER WITH 1/4" TAPCON @ 24" O/C. & 2 1/2" MIN. EMBEDMENT STAGGERED IN 3000 PSI CONC. FILLED CELLS AS SHOWN ON DETAIL. SEE SHEET S-1.1.

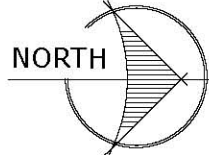
NOTE:	
DESIGN CRITERIA:	ROOF SUPERIMPOSED LOADS:
ASCE 7-16	DL = 20 P.S.F.
V = 175 M.P.H.	LL = 30 P.S.F.
CATEGORY II	SYSTEM DL = 5 P.S.F. (WOOD TRUSSES)
EXPOSURE C	
I = 1.0	ENCLOSED BUILDING

NOTES	
1.	FOR GENERAL NOTES, SCHEDULE AND DETAIL REFER TO SHEET S-1.0
2.	CENTERLINE OF COLUMNS AND/OR WALL SHALL COINCIDE WITH THE CENTERLINE OF BEAMS AND/OR FOUNDATIONS BELOW.
3.	CENTERLINE OF BEARING WALL OR COLUMN BELOW IS CENTER LINE OF WALL OR COLUMN THIS LEVEL UNLESS OTHERWISE NOTED.
4.	COORDINATE ALL ROOF SLOPES AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
5.	FOR EXACT LOCATION OF ANY OPENING AND/OR EQUIPMENT, COORDINATE WITH ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.
6.	FOR NON LOAD BEARING MASONRY WALLS AND/OR PARTITIONS, REFER TO ARCHITECTURAL DRAWINGS.
7.	ROOF SYSTEM CONSIST OF PRE-ENGINEERED WOOD TRUSSES AT 24" O/C.

LEGEND:	
	DENOTES OUTLINE OF NEW CONC. TIE BEAM.
	DENOTES NEW ROOF BY PRE-ENGINEERED WOOD TRUSSES.
	DENOTES OUTLINE OF NEW ROOF.
	DENOTES OUTLINE OF CONC. COLUMN BELOW.



PARTIAL ROOF PLAN
SCALE: 1/4"=1'-0"



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REVISION/RECORD		DATE	
	O.C.	04/05/2023	
	OWNER CHANGE	01/27/2025	
1			
5			

DRAWING CONTENT:

TO THE BEST OF THE ARCHITECT'S OR ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE PRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY.

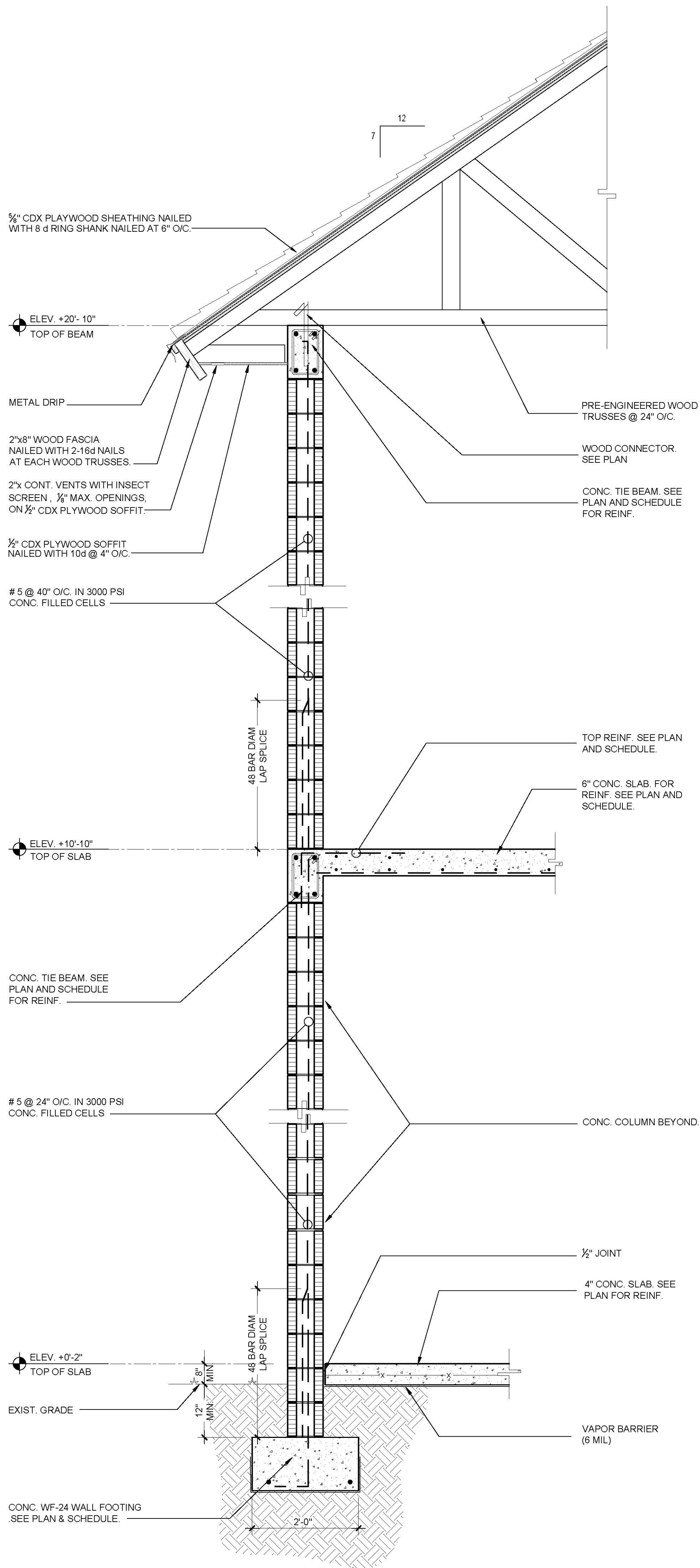
PROJECT: 2-Story Addition.

OWNER: Eva Vaccaro

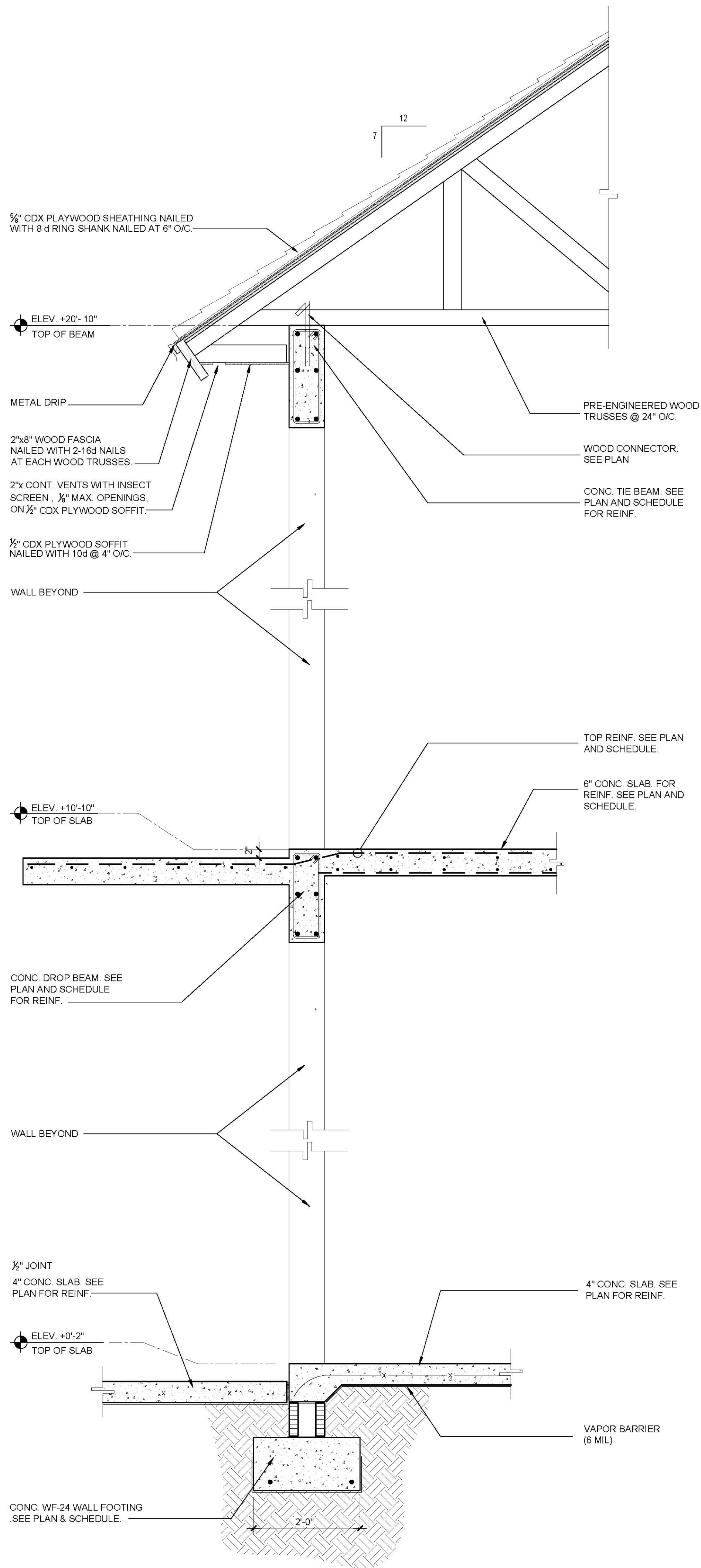
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DATE:	June 14, 2022
DRAWN:	L.A.H.
REVISED	A.prieto

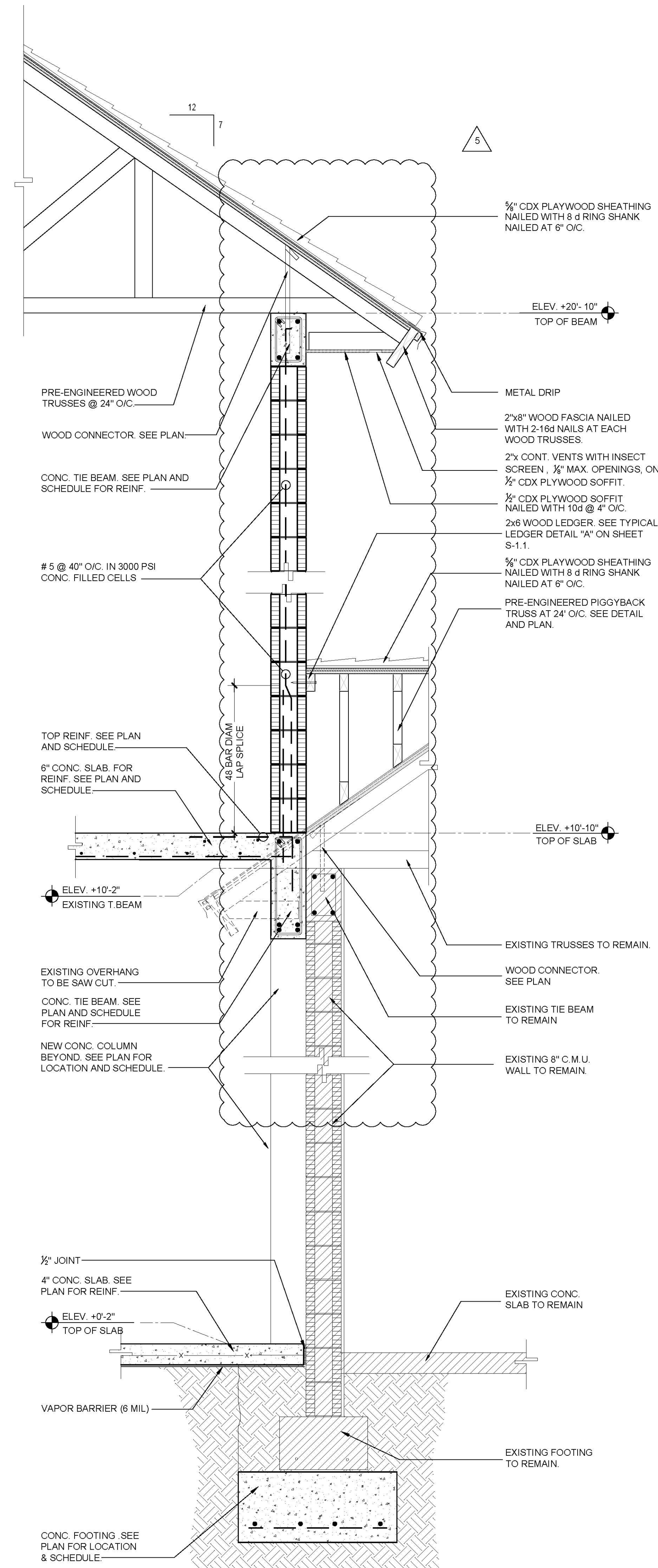
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S-4.0



SECTION 1
3/4" = 1'-0"



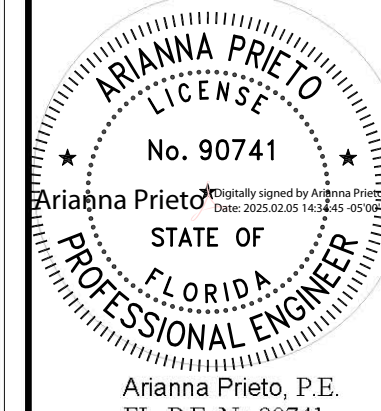
SECTION 2
3/4" = 1'-0"



SECTION 3
3/4" = 1'-0"

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DATE	01/27/2025
5	

DRAWING CONTENT:
SECTION
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S-5.0