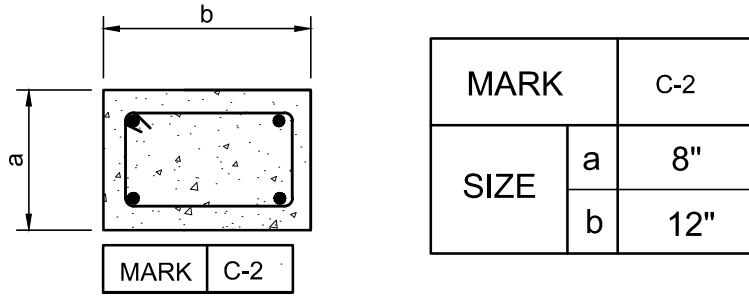
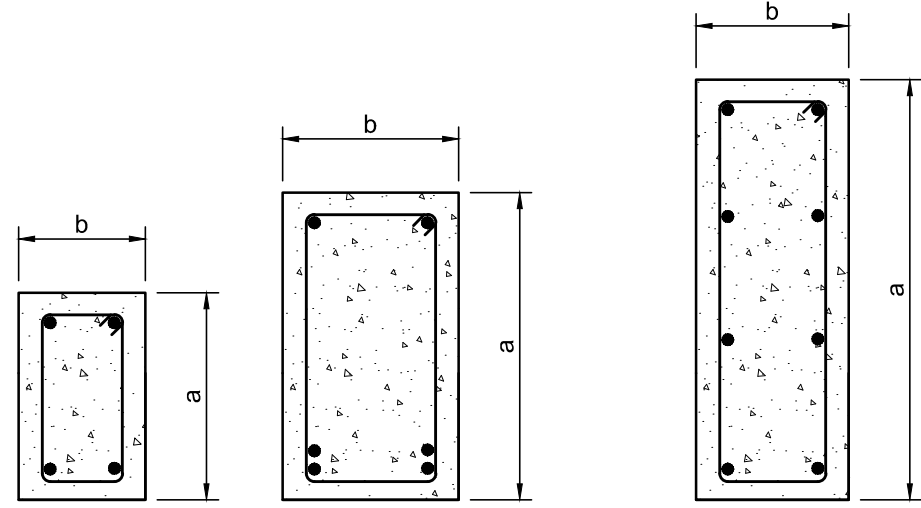


COLUMN SCHEDULE				
MARK	SIZE	REINFORCEMENT		REMARKS
		VERTICALS OR BASE >	TIES OR CAP >	
TC-1	8" x 12"	4 # 5	#3  @ 8" O/C.	CONC., 3000 psi
C-1	4" x 4"x ¼"	10"x10"x½"	8"x8"x½"	STEEL, fy=46,000 psi
C-2	8" x 12"	4 # 5	#3  @ 8" O/C.	CONC., 3000 psi



COLUMN BAR-ARRANGEMENT DETAILS
N.T.S.



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

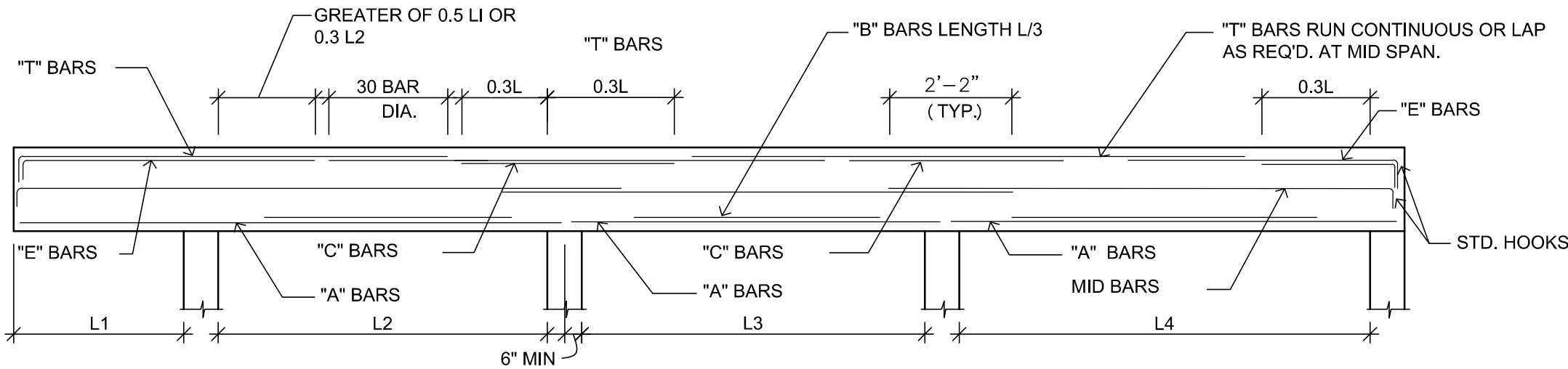
TIE BEAM/ BEAM DETAIL
N.T.S.

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	+12'- 3 ¾"	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.



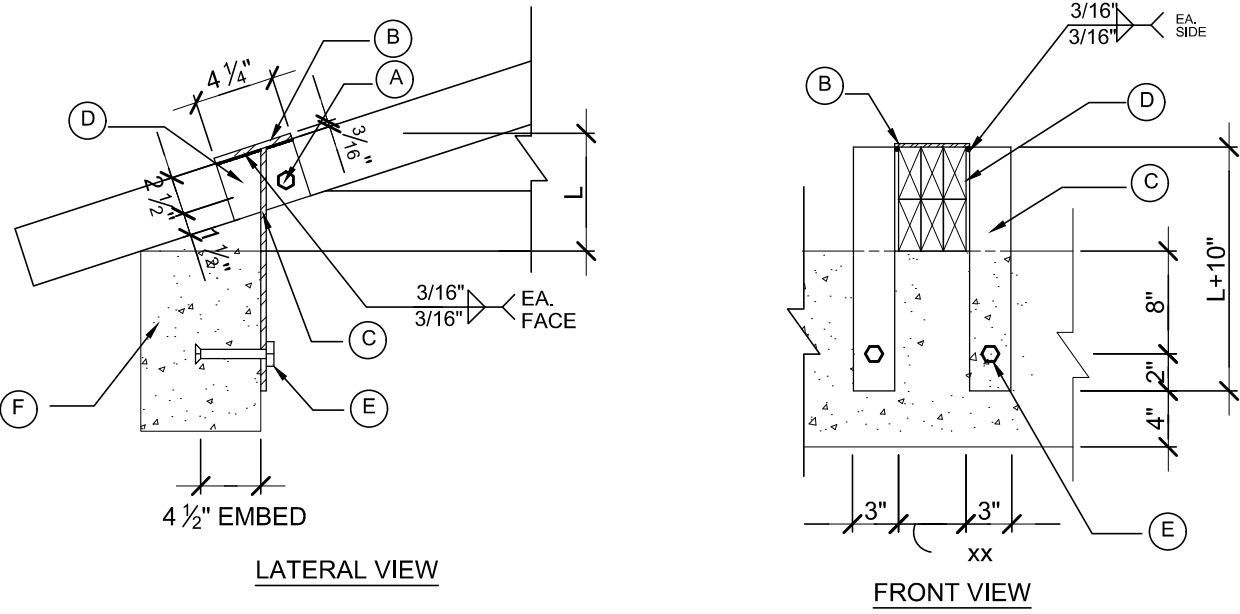
NOTE :

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.

ROOF STRUCTURE WIND UPLIFT PRESSURES (TYP.)
N.T.S

WIND UPLIFT PRESSURES (PSF)						
ZONE	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	-43.46	-62.39	-50.96
* DO NOT REDUCE WIND UPLIFT PRESSURE BY ANY DEAD LOAD						



SCHEDULE	
	DESCRIPTION
(A)	(1) ¾" ∅ THRU BOLTS FOR ONE PLY TRUSS.
(B)	STEEL PLATE 4 ¼"x4"x ¾" FY = 36 KSI
(C)	STEEL PLATE L+10"x3"x½" 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.

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	fc=3000 psi		fc=4000 psi		fc=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'-6"
#11	8'-6"	6'-6"	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 12' 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)

PROJECT: 2-Story Addition.

OWNER: Eva Vaccaro

ADDRESS: 12940 S.W. 63rd Avenue, Pinecrest, Florida, 33156
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DATE:	June 14 , 2022
DRAWN:	L.A.H.
REVISED	A.prieto

Sheet:

S-1.2

DRAWING CONTENT:

TYPICAL DETAIL.

REVISION RECORD

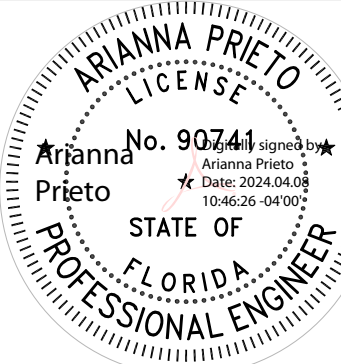
O.C.

DATE

04/05/2023

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Arianna Prieto, P.E.
PROFESSIONAL ENGINEER P.E. 90741
3911 NW 1st St. Miami, Florida, 33126
Tel: (786) 991- 3288



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