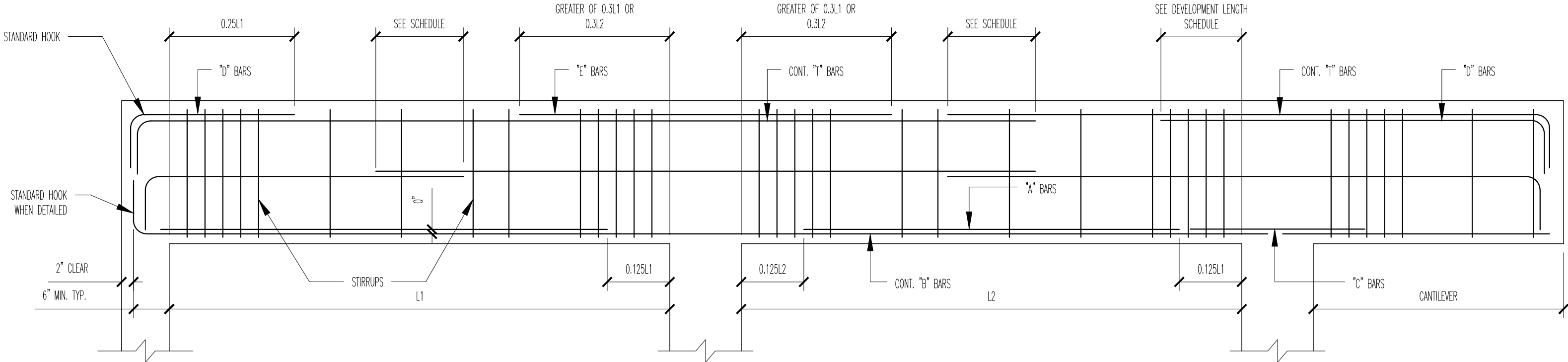
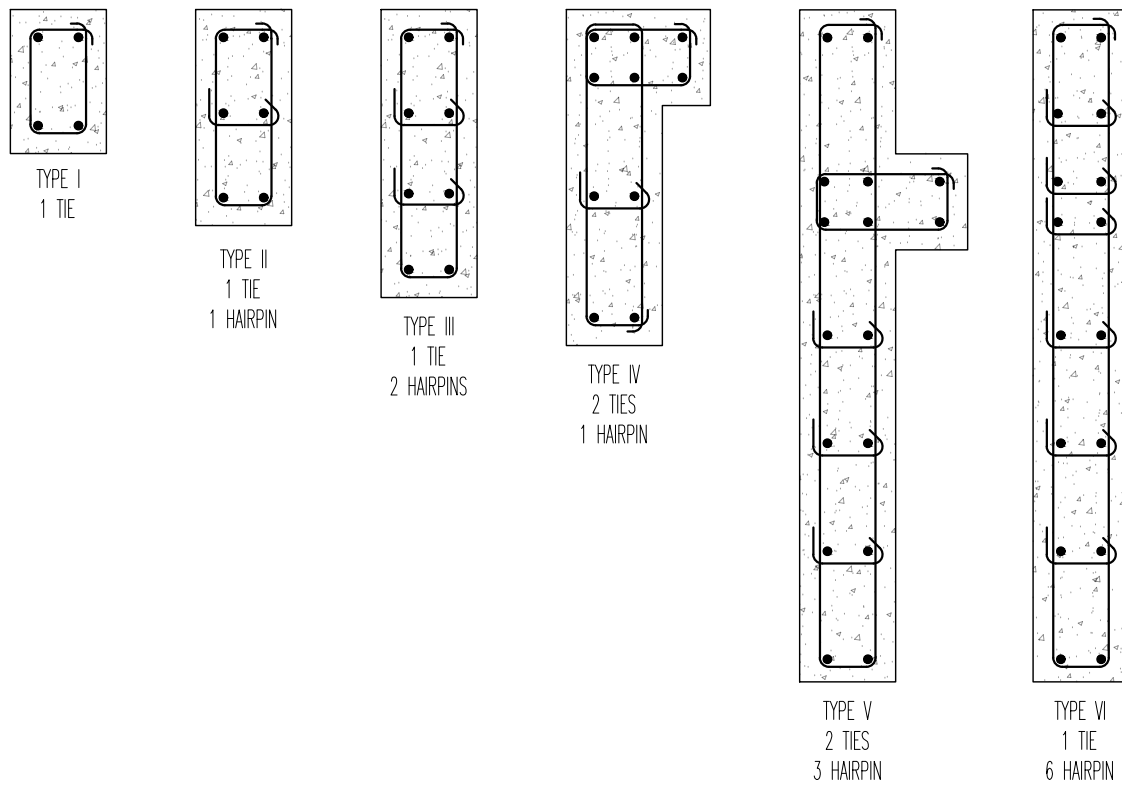




CONCRETE BEAM SCHEDULE												
BEAM MARK	T.O. BEAM ELEV.	SIZE (in) b x d	LONGITUDINAL REINFORCEMENT						TRANSVERSE REINFORCEMENT		REMARKS	
			B	A	C	T	D	E	M	No.		QUANTITY FROM E.E. : BALANCE
ZB-1	+12'-6"	8 x 30	2 #7	-	-	2 #7	-	-	1 #5	#3	Ø24" O.C.	-
ZB-2	+12'-6"	8 x 60	2 #7	-	-	2 #7	-	-	2 #5	#3	Ø24" O.C.	-
ZB-3	+12'-6"	8 x 30	2 #7	-	-	2 #7	-	-	-	#3	Ø12" O.C.	-
ZB-4	+12'-6"	T-BEAM	2 #6	-	-	SEE PLAN	-	-	-	#3	18 Ø3" BAL. Ø12" O.C.	-
ZB-5	+12'-6"	1-BEAM	2 #6	-	-	SEE PLAN	-	-	-	#3	Ø8" O.C.	-
RB-1	+24'-0"	8 x 36	2 #6	-	-	2 #6	-	-	1 #5	#3	Ø24" O.C.	-
RB-2	+22'-11 1/2"	8 x 28	2 #7	-	-	2 #7	-	-	1 #5	#3	Ø12" O.C.	-
RB-3	+22'-7"	12 x 25	3 #7	-	-	3 #7	-	-	1 #7	#3	10 #3 Ø10" BAL. Ø 24" O.C.	-
RB-4	+24'-0"	8 x 42	2 #6	-	-	2 #6	-	-	1 #5	#3	Ø24" O.C.	-
CONCRETE TIE BEAM SCHEDULE												
TIB-1	+12'-6"	8 x 30	2 #6	-	-	-	-	-	-	#3	Ø48" O.C.; PROVIDE Ø12" O.C. OVER OPENINGS	-
TIB-1	+25'-6"	8 x 47	2 #6	-	-	2 #6	-	-	3 #5	#3	Ø48" O.C.; PROVIDE Ø12" O.C. OVER OPENINGS	-
TIB-2	+26'-0"	8 x 54	2 #6	-	-	2 #6	-	-	5 #5	#3	Ø48" O.C.; PROVIDE Ø12" O.C. OVER OPENINGS	-

TIE COLUMN SCHEDULE				
TIE COLUMN TAG	SIZE (in) b x h	VERTICAL REINF.	COLUMN TIES	FOUNDATION DOWNELS
TC-1	8 x 12	4 #5	#3 Ø 12" O.C.	4 #5
TC-2	8 x 14	4 #5	#3 Ø 12" O.C.	4 #5
TC-3	8 x 15	4 #5	#3 Ø 12" O.C.	4 #5
TC-4	SEE TYPE IV	10 #5	#3 Ø 12" O.C.	10 #5
TC-5	8 x 24	8 #5	#3 Ø 12" O.C.	8 #5

COLUMN SCHEDULE				
TIE COLUMN TAG	SIZE (in) b x h	VERTICAL REINF.	COLUMN TIES / TRANSVERSE REINF.	FOUNDATION DOWNELS
C-1	8 x 14	4 #5	#3 Ø 12" O.C.	4 #5
C-2	8 x 16	6 #5	#3 Ø 12" O.C.	6 #5
C-3	8 x 18	6 #5	#3 Ø 12" O.C.	6 #5
C-4	8 x 24	8 #5	#3 Ø 12" O.C.	8 #5
C-5	SEE TYPE V	10 #5	#3 Ø 12" O.C.	10 #5
C-6	8 x 56	16 #5	#3 Ø 12" O.C.	16 #5



COLUMN NOTES

- HARPINS ARE TO BE LOCATED AT THE SAME SPACING OF TRANSVERSE REINFORCEMENT. ALTERNATE 135 DEGREE HOOK VERTICALLY.

MASONRY LAP SPlice SCHEDULE	
BAR SIZE	LENGTH
#3	12"
#4	12"
#5	18"
#6	34"
#7	46"
#8	60"
#9	88"

MASONRY LAP SPlice SCHEDULE NOTES

- THE TABULATED VALUES WERE CALCULATED USING $f'm=2000$ PSI.
- TABULATED VALUES WERE DERIVED FROM TMS 402-16 FOR REINFORCEMENT $f_y=60$ KSI NOT CONFORMING TO SEISMIC PROVISIONS.
- NON CONTACT SPLICES ARE ACCEPTABLE IF SPACING IS ONE FIFTH OF THE REQUIRED SPlice LENGTH BUT NOT EXCEEDING 8".

TRUSS/JOIST TIE DOWN SCHEDULE										
ANCHOR MARK	MANUFACTURER	CONNECTOR	FASTENERS		FLORIDA PRODUCT APPROVAL	ANCHOR CAPACITY (LBS)				REMARKS
			TO TRUSS/JOIST	TO SUPPORT		UPLIFT	GRAVITY	± TO TRUSS	// TO TRUSS	
A	SIMPSON	HU416	(12) 10d	(26) 1/2"x19" TITEN TURBO	FL# 10531	2015	5085	-	-	
B	SIMPSON	META 12	(8) 10d x 1 1/2"	EMBEDDED	FL# 11473	1450	-	340	770	

WALL FOOTING SCHEDULE					
FOOTING TAG	SIZE Cont. x W x Th			REINFORCEMENT	
	W	Th (in)	Th (in)	CONT.	TRANSVERSE
WF-1.5	3'-0"	12	2 #5	#4 Ø 9" O.C.	
WF-2.5	3'-6"	12	3 #5	#4 Ø 9" O.C.	
WF-3.5	4'-0"	12	4 #5	#4 Ø 9" O.C.	

FOOTING SCHEDULE								
FOOTING TAG	SIZE L x W x Th			BOTTOM REINF.		TOP REINF.		REMARKS
	L	W	Th (in)	LW	SW	LW	SW	
F-3.0	3'-0"	3'-0"	12	3 #5	3 #5			
F-3.5	3'-6"	3'-6"	12	3 #5	3 #5			
F-4.0	4'-0"	4'-0"	12	4 #5	4 #5			
F-5.0	5'-0"	5'-0"	14	5 #5	5 #5			
F-6.0	6'-0"	6'-0"	16	6 #6	6 #6			

FOOTING NOTES

- LW INDICATES REINFORCEMENT LAD IN THE LONG DIMENSION OF THE FOOTING AND SW INDICATES REINFORCEMENT LAD IN THE SHORT DIRECTION OF THE FOOTING.

LAP SPlice SCHEDULE							
BAR SIZE	TENSION SPlice				COMPRESSION SPlice		
	TOP BARS	OTHERS	TOP BARS	OTHERS	TOP BARS	OTHERS	
#3	26"	20"	23"	18"	20"	16"	12"
#4	35"	27"	30"	23"	27"	21"	15"
#5	43"	33"	37"	29"	34"	26"	19"
#6	52"	40"	45"	35"	40"	31"	23"
#7	75"	58"	65"	50"	60"	45"	27"
#8	86"	66"	74"	57"	67"	51"	30"
#9	98"	75"	84"	65"	75"	58"	34"

LAP SPlice SCHEDULE NOTES

- THE TABULATED VALUES ARE FOR UNCOATED BARS. IF EPOXY OR ZINC COATED BARS ARE USED CONSULT WITH THE ENGINEER.
- TABULATED VALUES WERE DERIVED FROM ACI 318-14 FOR REINFORCEMENT $f_y=60$ KSI NOT CONFORMING TO SEISMIC PROVISIONS.
- THE TABULATED VALUES WERE DERIVED UNDER THE ASSUMPTION THAT MINIMUM CONCRETE COVER IS d_b AND MINIMUM CLEAR SPACING OF 2 d_b .

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MECHANICAL ENGINEER:

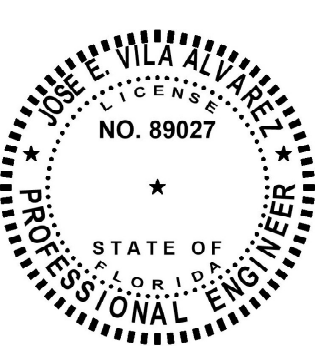
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LANDSCAPE ARCHITECT:

SEAL:

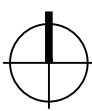


ENGINEER
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DATE: JANUARY, 2022

DRAWN BY: DG

CONTENT: JV

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S-6.01

JOSE E. VILA ALVAREZ, PROFESSIONAL ENGINEER,
STATE OF FLORIDA, LICENSE No. 89027

THIS ITEM HAS BEEN DIGITALLY SIGNED BY JOSE E.
VILA ALVAREZ, PE, ON 06/21/2022

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