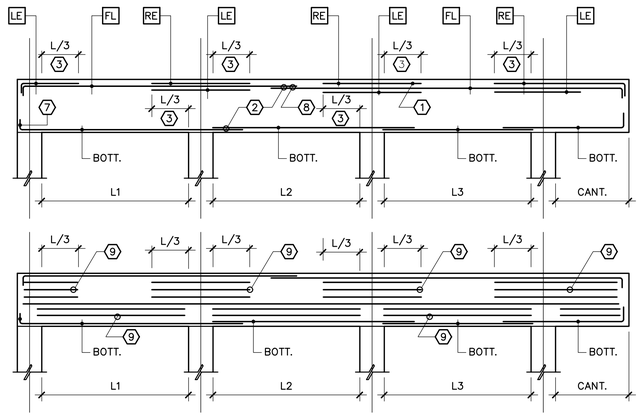
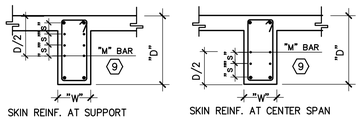
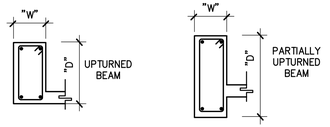


1. REINFORCEMENT COVER: 1 1/2" CLEAR TO STIRRUP.
2. CLASS "B" TENSION SPLICES PER GENERAL NOTES
3. "L/3" BASED ON GREATEST ADJACENT SPAN.
4. PROVIDE ☐ STIRRUPS (#3 SIZE) U.N.O.
5. FIRST STIRRUP @ 2" FROM FACE OF COLUMM.
6. ALL MEMBERS TO BE READ FROM LEFT TO RIGHT AND BOTTOM TO TOP ON FRAMING PLAN.
7. HOOKS ON ALL END BARS TO BE STANDARD 90 DEGREES.
8. STAGGER LAPS WHERE SPACING IS LESS THAN 3 BAR DIAMETERS.
9. SKIN REINFORCEMENT ("M" BARS) TO BE SPACED AT "S"<10" O/C. PLACE ON UPPER HALF OF BEAM OVER SUPPORT & LOWER HALF ON CENTER OF SPAN.

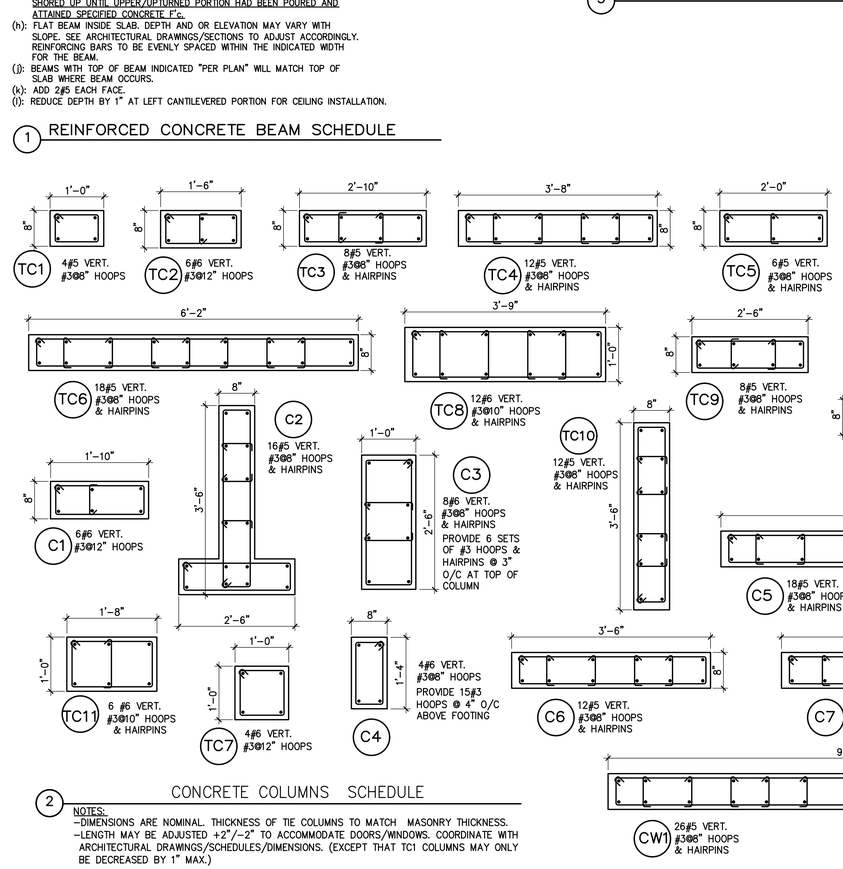




NOTE:
(a): FOR ALL TIE BEAMS HOOPS SPACING TO BE AT MAXIMUM SPACING OF 5" ABOVE ALL OPENINGS UNLESS A CLOSER SPACING IS SPECIFIED.
(b): BOTTOM AND/OR TOP REINFORCEMENT IN TWO OR MORE LAYERS SEPARATED 1" CLEAR.
(c): #3@10" MAXIMUM, "M" BARS EACH FACE FOR ALL BEAMS WITH DEPTH LARGER THAN 24".
(d): ADD 3 # 6 EACH FACE
(e): UPTURNED OR PARTIALLY UPTURNED BEAM.
(f): EXTEND TOP REINFORCEMENT 10' INTO ADJACENT SLAB/PARAPET/BEAM.
(g): ALL UPTURNED OR PARTIALLY UPTURNED BEAMS MUST BE KEPT 100% SHORED UP UNTIL UPPER/UPTURNED PORTION HAD BEEN POURED AND ATTAINED SPECIFIED CONCRETE F'c.
(h): FLAT BEAM INSIDE SLAB. DEPTH AND OR ELEVATION MAY VARY WITH SLOPE. SEE ARCHITECTURAL DRAWINGS/SECTIONS TO ADJUST ACCORDINGLY. REINFORCING BARS TO BE EVENLY SPACED WITHIN THE INDICATED WIDTH FOR THE BEAM.
(j): BEAMS WITH TOP OF BEAM INDICATED "PER PLAN" WILL MATCH TOP OF SLAB WHERE BEAM OCCURS.
(k): ADD 2#5 EACH FACE.
(l): REDUCE DEPTH BY 1" AT LEFT CANTILEVERED PORTION FOR CEILING INSTALLATION.

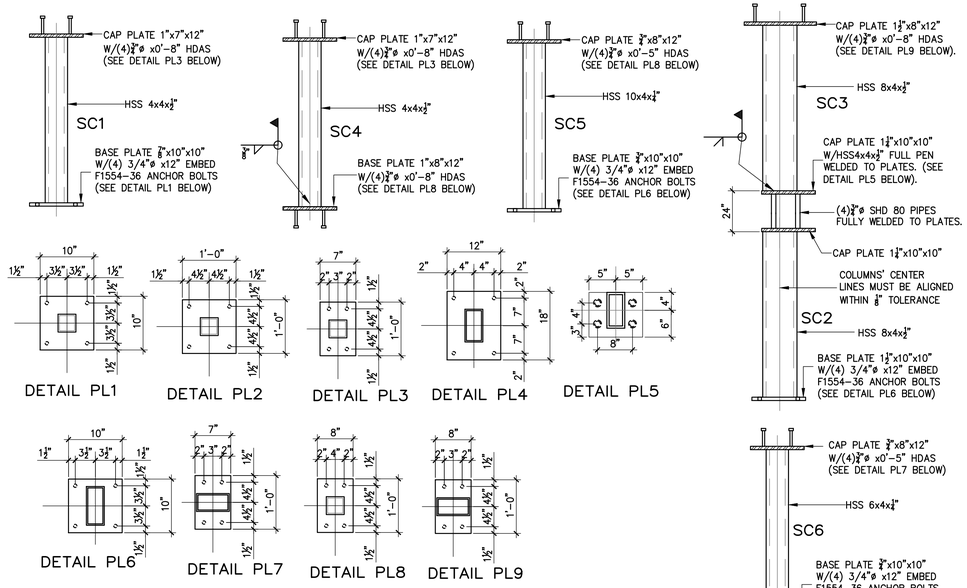
1 REINFORCED CONCRETE BEAM SCHEDULE

MARK	SIZE W	SIZE D	TOP OF BEAM	BOTTOM BARS	TOP BARS LE	TOP BARS FL	TOP BARS RE	STIRRUPS SIZE	STIRRUPS SHAPE	STIRRUPS SPACING	REMARKS
TB1	8"	12"	PER PLAN	2 # 5		2 # 5		# 3	☐	4@12"EE, BAL. @24"	SEE NOTE (a)(j)
TB2	8"	24"	PER PLAN	2 # 5		2 # 5		# 3	☐	@ 10" O/C F.L.	SEE NOTE (a)(j)
TB3	8"	48"	PER PLAN	2 # 5		2 # 5		# 3	☐	@ 12" O/C F.L.	ADD 4#4 EA. FACE
TB4	8"	36"	24'-0"	2 # 6		2 # 7		# 3	☐	@ 8" O/C F.L.	
TB5	8"	36"	24'-0"	2 # 5		2 # 5		# 3	☐	@ 16" O/C F.L.	–
TB6	8"	36"	13'-0"	4 # 6		4 # 6		# 3	☐	@5"AT CANT./BAL.@10"	SEE NOTE (b)(e)
TB7	8"	16"	18'-4"	2 # 6		2 # 6		# 3	☐	6@3"EE/BAL. @7"	–
TB8	12"	48"	23'-0"	2 # 6		2 # 6		# 3	☐	@ 18" O/C F.L.	SEE NOTE (c)
TB9	8"	16"	6'-4"	2 # 6		2 # 6		# 3	☐	6@3"EE/BAL. @7"	–
TB10	8"	38"	24'-0"	4 # 6		4 # 6		# 3	☐	@ 10" O/C F.L.	SEE NOTE (b)(d)
2B1	8"	40"	12'-0"	4 # 6		4 # 6		# 3	☐	@ 16" O/C F.L.	SEE NOTE (c)
2B2	8"	36"	13'-0"	4 # 6		2 # 6		# 3	☐	@ 12" O/C F.L.	SEE NOTE (b)(c)(e)
2B3	12"	24"	12'-0"	4 # 6		4 # 7		# 3	☐	@5"AT CANT./BAL.@8"	SEE NOTE (k)
2B4	8"	24"	12'-0"	4 # 6		4 # 6	–	# 3	☐	@ 10" O/C F.L.	–
2B5	12"	23"	12'-0"	4 # 8	–	4 # 8	–	# 3	☐	@5"AT CANT./BAL.@10"	SEE NOTE (l)
2B6	8"	40"	13'-4"	2 # 6		4 # 6		# 3	☐	@ 8" O/C F.L.	SEE NOTE (b)(e)(g)
2B7	12"	24"	12'-0"	3 # 6		3 # 6		# 3	☐	8@4"EE/BAL. @10"	ADD 3#7 EA. FACE
2B8	8"	24"	12'-0"	2 # 6		2 # 6		# 3	☐	@ 8" O/C F.L.	
2B9	12"	24"	12'-0"	4 # 7	4 # 7	4 # 7		# 3	☐	@5"AT CANT./BAL.@10"	SEE NOTE (l)
2B10	12"	23"	12'-0"	2 # 6		4 # 7		# 3	☐	@4"AT CANT./BAL.@10"	–
2B11	12"	24"	12'-0"	2 # 8		2 # 8		# 3	☐	10@5"EE/BAL. @10"	ADD 3#8 EA. FACE
2B12	12"	24"	12'-0"	2 # 6		2 # 6		# 3	☐	4@5"EE/BAL. @10"	ADD 1#6 EA. FACE
2B13	8"	32"	11'-6"	4 # 6		2 # 6		# 3	☐	6@8"EE/BAL. @12"	SEE NOTE (b)(c)
2B14	8"	22"	11'-6"	4 # 6		4 # 6		# 3	☐	@ 8" O/C F.L.	SEE NOTE (b)
2B15	54"	8"	10'-8"	7 # 5		7 # 5		# 3	☐	17@3"EE/BAL @ 8"	–
2B16	8"	16"	11'-6"	2 # 6		2 # 6		# 3	☐	13@4"RE/BAL @ 6"	
2B17	12"	24"	12'-0"	3 # 6		3 # 6		# 3	☐	8@4"EE/BAL. @10"	–
RB1	56"	8"	23'-0"	6 # 8		6 # 8	–	# 3	☐	13@3½" EE/BAL ☐ @12"	SEE NOTE (h)
RB2	8"	16"	23'-0"	4 # 6		4 # 6	–	# 3	☐	@ 5" O/C F.L.	SEE NOTE (b) SEE 8/S303
RB3	24"	8"	23'-0"	5 # 6		5 # 6	–	# 3	☐	9@3½" EE/BAL ☐ @12"	SEE NOTE (h)
RB4	56"	8"	23'-0"	6 # 6		6 # 6	–	# 3	☐	11@3½" EE/BAL ☐ @12"	SEE NOTE (h)
RB5	8"	42"	13'-6"	4 # 5		4 # 5	–	# 3	☐	@ 12" O/C F.L.	SEE NOTE (b)(e) ADD 4#4 EA. FACE
RB6	8"	24"	12'-0"	2 # 6		2 # 6		# 3	☐	@ 10" O/C F.L.	
RB7	8"	24"	12'-0"	2 # 6	1 # 6	2 # 6	1 # 6	# 3	☐	@ 10" O/C F.L.	SEE NOTE (d)
RB8	8"	55"	28'-0"	4 # 6		4 # 6		# 3	☐	@ 16" O/C F.L.	SEE NOTE (b)(c)(e)(g)
RB9	8"	48"	26'-0"	4 # 6		4 # 6		# 3	☐	@8"AT CANT./BAL.@12"	SEE NOTE (b)(c)(e)(g)
RB10	8"	36"	PER PLAN	2 # 6		2 # 6		# 3	☐	@ 10" O/C F.L.	SEE NOTE (c)
RB11	8"	12"	24'-0"	2 # 6		2 # 6		# 3	☐	@ 5" O/C F.L.	
RB12	8"	43"	27'-0"	4 # 6		4 # 6		# 3	☐	@ 12" O/C F.L.	SEE NOTE (b)(c)(e)(g)
RB13	8"	48"	26'-0"	4 # 7		4 # 6		# 3	☐	@ 12" O/C F.L.	SEE NOTE (b)(c)(e)(g)
RB14	8"	24"	24'-0"	2 # 6		4 # 6		# 3	☐	@ 8" O/C F.L.	SEE NOTE (b)
RB15	24"	12"	24'-0"	7 # 6		7 # 6		# 3	☐	@ 5" O/C F.L.	
RB16	8"	56"	27'-0"	4 # 6		4 # 6		# 3	☐	@ 16" O/C F.L.	SEE NOTE (b)(c)(e)
RB17	8"	42"	13'-6"	2 # 5		2 # 5		# 3	☐	6@4"LE/BAL. @12"	ADD 4#4 EA. FACE
RB18	8"	42"	13'-6"	2 # 5		2 # 5	–	# 3	☐	6@4"LE/BAL. @12"	SEE NOTE (e) ADD 4#5 EA. FACE



2 CONCRETE COLUMNS SCHEDULE

NOTES:
–DIMENSIONS ARE NOMINAL. THICKNESS OF TIE COLUMNS TO MATCH MASONRY THICKNESS.
–LENGTH MAY BE ADJUSTED +2"/–2" TO ACCOMMODATE DOORS/WINDOWS. COORDINATE WITH ARCHITECTURAL DRAWINGS/SCHEDULES/DIMENSIONS. (EXCEPT THAT TC1 COLUMNS MAY ONLY BE DECREASED BY 1" MAX.)



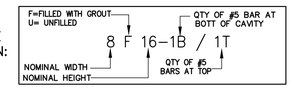
3 STEEL COLUMNS SCHEDULE

PRECAST LINTEL SCHEDULE

PROVIDE CAST CRETE PRECAST LINTELS FOR OPENINGS IN MASONRY AS INDICATED IN TABLE BELOW. DADE COUNTY N.O.A. # 22-0125.04

WALL THICKNESS	CLEAR SPAN	LINTEL TYPE	ALLOWABLE LOAD	MINIMUM BEARING	NOTES
8" WALL	UP TO 3'-6"	8F12–1B	4605#LF	8"	
8" WALL	3'-6" TO 6'-6"	8F20–1B	5381#LF	8"	
8" WALL	6'-6" TO 9'-4"	8F28–1B	4705#LF	8"	
8" WALL	9'-6" TO 13'-0"	TIE BEAM TB13		8"	

LINTEL TYPE DESIGNATION:



4 LINTEL SCHEDULE

MATEU
8887 SOUTHWEST 131 STREET
MIAMI, FLORIDA 33176
305.233.3304 DESIGN@MATEU.CO
ARCHITECTURE INTERIOR DESIGN PLANNING
SEAL:
FRESNEL E. HERNANDEZ PE
FL PE #46618
GF CONSULTING ENGINEERS INC.
STRUCTURAL ENGINEERS
13170 SW 128 St. #204
MIAMI FL
G F CONSULTING ENGINEERS INC.
13170 SW 128 ST. SUITE #204
MIAMI FLORIDA 33186
PHONE: 305–971–GFCE
FAX: 305–971–4332
E–MAIL: GFCE@GFCE.NET
WWW.GFCE.NET
CERTIFICATE OF AUTHORIZATION #9129
FERNANDA ROCA
24115
13125 SW 63 AVE, PINECREST FL 33156

CASA AT 63RD AVENUE

NEW SINGLE-FAMILY RES.
EU-1 RESIDENTIAL
SUBURBAN ESTATE

PHASE
Permit Set

FILE NAME:
File Path

PROJECT NO:
24-115

DRAWN BY:
FH

CHECKED BY:
FEH

ISSUE DATE:
11-14-2024

REVISIONS

SCHEDULES

SHEET TITLE

S401

SHEET: OF: