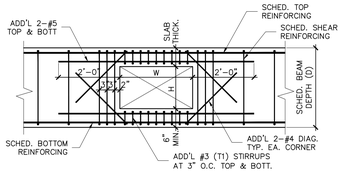
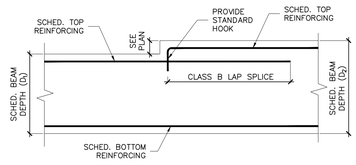
CONCRETE WALL SCHEDULE

MARK	LEVELS	THICKNESS	REINFORCING	REMARKS
W-1	FOUNDATION TO SECOND FLOOR	8"	#5 @ 8" O.C. VERT. EA. FACE #4 @ 8" O.C. HORIZ. EA. FACE #3 HAIRPINS @ 16" O.C. EA. WAY	EXPOSED CONCRETE WALL AT LIVING/DINING AREA
W-2	FOUNDATION TO LOW ROOF	10"	#5 @ 8" O.C. VERT. EA. FACE #4 @ 8" O.C. HORIZ. EA. FACE #3 HAIRPINS @ 16" O.C. EA. WAY	EXTERIOR WALL AT GARAGE ENTRY
W-3	FOUNDATION TO ENTRY ROOF	18" (MAX)	#5 @ 8" O.C. VERT. EA. FACE #4 @ 8" O.C. HORIZ. EA. FACE #3 HAIRPINS @ 16" O.C. EA. WAY	EXPOSED CONCRETE WALL AT MAIN ENTRY (SEE ARCH. FOR REVEALS)
W-4	FOUNDATION TO ENTRY ROOF	8"	#5 @ 8" O.C. VERT. EA. FACE #4 @ 8" O.C. HORIZ. EA. FACE #3 HAIRPINS @ 16" O.C. EA. WAY	EXPOSED CONCRETE WALL AT MAIN ENTRY
W-5	FOUNDATION TO LOW ROOF	8"	#5 @ 8" O.C. VERT. EA. FACE #4 @ 8" O.C. HORIZ. EA. FACE	EXPOSED CONCRETE WALL AT BBQ STRUCTURE
W-6	FOUNDATION TO ABOVE GROUND FLOOR	8"	#4 @ 8" O.C. VERT. EA. FACE #4 @ 8" O.C. HORIZ. EA. FACE	EXPOSED CONCRETE LOW WALL AT BBQ STRUCTURE
W-7	FOUNDATION TO ABOVE GROUND FLOOR	4"	#4 @ 6" O.C. VERT. CENTERED #4 @ 6" O.C. HORIZ. CENTERED	BBQ CONCRETE COUNTER SUPPORT WALL
W-8	SECOND FLOOR TO MAIN ROOF	10"	#5 @ 8" O.C. VERT. EA. FACE #4 @ 8" O.C. HORIZ. EA. FACE #3 HAIRPINS @ 16" O.C. EA. WAY	CORRIDOR WALL AT MASTER SUITE
W-9	SECOND FLOOR	8"	#4 @ 8" O.C. VERT. EA. FACE #4 @ 8" O.C. HORIZ. EA. FACE	PLANTER WALL AT REAR BALCONIES
W-10	SECOND FLOOR	4"	#4 @ 6" O.C. VERT. CENTERED #4 @ 6" O.C. HORIZ. CENTERED	PLANTER WALL AT FRONT HALLWAY



NOTES:
1. UNLESS SPECIFIC DIMENSIONS ARE GIVEN, OPENING DIMENSIONS SHALL BE DETERMINED AS FOLLOWS:
 W = DUCT WIDTH + 3" (NOT TO EXCEED D)
 H = DUCT HEIGHT + 3" (NOT TO EXCEED D-SLAB THICK.-6")
2. REFER TO MECH. DWGS. FOR DUCT DIMENSIONS.

TYPICAL DETAIL
OPENING THROUGH CONCRETE BEAM/TIE BEAM FOR MECHANICAL DUCT



NOTES:
1. SHEAR REINFORCING (STIRRUPS) NOT SHOWN FOR CLARITY.
2. FACE BARS NOT SHOWN FOR CLARITY.

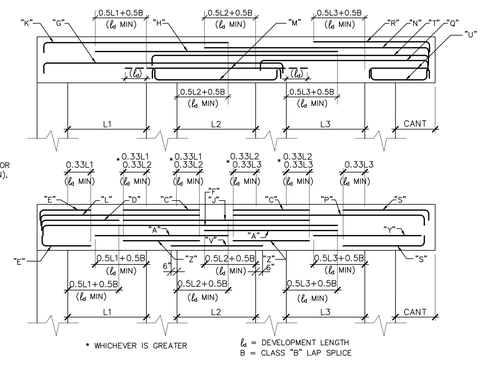
TYPICAL DETAIL
REINFORCING BARS SPLICING AT TOP OF BEAM DEPRESSION

CONCRETE BEAM SCHEDULE

MARK	SIZE W	SIZE D	REINFORCEMENT TOP BAR LFT. END	REINFORCEMENT TOP BAR	REINFORCEMENT BOTTOM BAR	REINFORCEMENT TOP BAR RGT. END	STIRRUPS SIZE	STIRRUPS TYPE	STIRRUPS SPACING EACH END (CANT SPACING FROM SUPPORT)	REMARKS
ROOF LEVEL BEAMS										
RB-1	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
RB-2	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
RB-3	8"	18"		2-#5M	2-#5M		#3	T1	8@3"/R@6"O.C.	
RB-4	8"	19.25"		2-#5M	2-#5M		#3	T1	6@4"/R@8"O.C.	
RB-5	8"	16"		2-#5M	2-#5M		#3	T1	8@3"/R@6"O.C.	
RB-6	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
RB-7	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
RB-8	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
RB-9	8"	32"		2-#6M	2-#6M		#3	T1	4@6"/R@12"O.C.	
RB-10	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
RB-11	8"	32"		2-#6G	2-#6G		#3	T1	4@6"/R@12"O.C.	
RB-12	8"	32"					#3	T1	4@6"/R@12"O.C.	
RB-13	8"	32"			2-#7M		#3	T1	4@6"/R@12"O.C.	TOP REINF. BARS FROM ADJACENT BEAM
RB-14	8"	32"		2-#7F	2-#7M		#3	T1	4@6"/R@12"O.C.	
RB-15	8"	32"			2-#7M		#3	T1	4@6"/R@12"O.C.	TOP REINF. BARS FROM ADJACENT BEAMS
RB-16	8"	32"		2-#7K	2-#7M		#3	T1	4@6"/R@12"O.C.	
RB-17	8"	32"		2-#5G	2-#5G		#3	T1	4@6"/R@12"O.C.	
RB-18	8"	32"					#3	T1	4@6"/R@12"O.C.	
RB-19	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
RB-20	8"	25"		2-#7M	2-#7M		#3	T1	5@5"/R@10"O.C.	UPTURNED BEAM
RB-21	8"	32"		2-#6M	2-#6M		#3	T1	4@6"/R@12"O.C.	
RB-22	8"	25"		2-#6M	2-#6M		#3	T1	5@5"/R@10"O.C.	UPTURNED BEAM
RB-23	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
RB-24	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
RB-25	8"	16"		2-#5G	2-#5G		#3	T1	8@3"/R@6"O.C.	
RB-26	8"	16"					#3	T1	8@3"/R@6"O.C.	
RB-27	8"	16"		2-#5M	2-#5M		#3	T1	8@3"/R@6"O.C.	
RB-28	12"	16"		3-#7G	3-#7G		#3	T1	8@3"/R@6"O.C.	
RB-29	12"	16"					#3	T1	8@3"/R@6"O.C.	
RB-30	12"	16"		3-#6G	3-#6G		#3	T1	8@3"/R@6"O.C.	
RB-31	12"	16"					#3	T1	8@3"/R@6"O.C.	
RB-32	8"	25"		2-#5M	2-#5M		#3	T1	5@5"/R@10"O.C.	UPTURNED BEAM
RB-33	8"	16"		2-#6G	2-#6G		#3	T1	8@3"/R@6"O.C.	
RB-34	8"	16"					#3	T1	8@3"/R@6"O.C.	
RB-35	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
RB-36	10"	32"		2-#6M	2-#6M		#3	T1	4@6"/R@12"O.C.	
RB-37	8"	25"		2-#5M	2-#5M		#3	T1	5@5"/R@10"O.C.	UPTURNED BEAM
RB-38	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
RB-39	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
SILL AND LINTEL BEAMS										
SB-1	8"	20"		2-#5M	2-#5M		#3	T1	6@4"/R@8"O.C.	
SB-2	8"	16"		2-#5M	2-#5M		#3	T1	8@3"/R@6"O.C.	
LB-1	8"	20"		2-#5M	2-#5M		#3	T1	6@4"/R@8"O.C.	
TIE BEAMS										
TB-1	8"	32"		2-#5 CONT.	2-#5 CONT.		#3	T1	8"O.C.	
TB-2	12"	32"		3-#5 CONT.	3-#5 CONT.		#3	T1	8"O.C.	
TB-3	8"	16"		2-#5 CONT.	2-#5 CONT.		#3	T1	8"O.C.	
TB-4	8"	24"		2-#5 CONT.	2-#5 CONT.		#3	T1	8"O.C.	

CONCRETE BEAM SCHEDULE

MARK	SIZE W	SIZE D	REINFORCEMENT TOP BAR LFT. END	REINFORCEMENT TOP BAR	REINFORCEMENT BOTTOM BAR	REINFORCEMENT TOP BAR RGT. END	STIRRUPS SIZE	STIRRUPS TYPE	STIRRUPS SPACING EACH END (CANT SPACING FROM SUPPORT)	REMARKS
SECOND FLOOR/LOW ROOF BEAMS										
B-1	8"	16"		2-#6M	2-#6M		#3	T1	8@3"/R@6"O.C.	
B-2	12"	14"		3-#7M	3-#7M		#3	T1	12@2"/R@5"O.C.	
B-3	12"	32"		3-#5M	3-#5M		#3	T1	4@6"/R@12"O.C.	
B-4	8"	16"		2-#5M	2-#5M		#3	T1	8@3"/R@6"O.C.	
B-5	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
B-6	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
B-7	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
B-8	8"	32"		2-#6M	2-#6M		#3	T1	4@6"/R@12"O.C.	
B-9	8"	16"		2-#5M	2-#5M		#3	T1	8@3"/R@6"O.C.	
B-10	24"	16"		5-#6M	5-#6M		#3	S28	8@3"/R@6"O.C.	
B-11	8"	16"		2-#6M	2-#6M		#3	T1	8@3"/R@6"O.C.	
B-12	8"	32"		2-#5G	2-#5G		#3	T1	4@6"/R@12"O.C.	
B-13	8"	32"					#3	T1	4@6"/R@12"O.C.	
B-14	8"	16"		2-#6K	2-#6M		#3	T1	8@3"/R@6"O.C.	
B-15	8"	16"			2-#6M		#3	T1	8@3"/R@6"O.C.	TOP REINF. BARS FROM ADJACENT BEAMS
B-16	8"	16"		2-#6H	2-#6M		#3	T1	8@3"/R@6"O.C.	
B-17	8"	16"			2-#6M		#3	T1	8@3"/R@6"O.C.	TOP REINF. BARS FROM ADJACENT BEAMS
B-18	8"	16"		2-#6F	2-#6M		#3	T1	8@3"/R@6"O.C.	
B-19	8"	16"			2-#6M		#3	T1	8@3"/R@6"O.C.	TOP REINF. BARS FROM ADJACENT BEAM
B-20	8"	28.5"		2-#5G	2-#5G		#3	T1	4@6"/R@12"O.C.	
B-21	8"	28.5"					#3	T1	4@6"/R@12"O.C.	
B-22	8"	28.5"		2-#5G	2-#5G		#3	T1	4@6"/R@12"O.C.	
B-23	8"	28.5"					#3	T1	4@6"/R@12"O.C.	
B-24A	28"	28.5"		6-#6K	6-#6M		#3	S28	4@6"/R@12"O.C.	
B-24B	28"	28.5"			6-#6M		#3	S28	4@6"/R@12"O.C.	TOP REINF. BARS FROM ADJACENT BEAMS
B-25	28"	28.5"		6-#6H	6-#6M		#3	S28	4@6"/R@12"O.C.	
B-26	28"	16"			6-#6M	6-#6D	#3	S28	8@3"/R@6"O.C.	
B-27	8"	32"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
B-28	8"	16"		2-#5G	2-#5G		#3	T1	8@3"/R@6"O.C.	
B-29	8"	16"					#3	T1	8@3"/R@6"O.C.	
B-30	8"	32"		2-#5G	2-#5G		#3	T1	4@6"/R@12"O.C.	
B-31	8"	32"					#3	T1	4@6"/R@12"O.C.	
B-32	8"	16"		2-#5M	2-#5M		#3	T1	8@3"/R@6"O.C.	
B-33	12"	14.5"/18" 18"/16"	3-#7D		3-#7M		#4	T1	8@3"/R@6"O.C.	DOUBLE STEPPED BEAM AT BALCONY (L.E.) AND SHOWER (R.E.) DEPRESSIONS
B-34	12"	14"/16"	3-#7A		3-#7M		#4	T1	12@2"/R@5"O.C.	STEPPED BEAM AT SHOWER (L.E.) DEPRESS.
B-35	12"	16"		3-#7K	3-#7M		#4	T1	8@3"/R@6"O.C.	
B-36	8"	16"		2-#5M	2-#5M		#3	T1	8@3"/R@6"O.C.	
B-37	24"	16"		5-#7M	5-#7M		#4	S28	8@3"/R@6"O.C.	
B-38	24"	16"/14"		5-#7K	5-#7M		#4	S28	12@2"/R@5"O.C.	STEPPED BEAM AT WET AREA (R.E.) DEPRESS.
B-39	24"	14"/16"			5-#7M		#4	S28	12@2"/R@5"O.C.	STEPPED BEAM AT WET AREA (L.E.) DEPRES. TOP REINF. BARS FROM ADJACENT BEAMS
B-40	24"	16"		5-#7K	5-#7M		#4	S28	8@3"/R@6"O.C.	
B-41	8"	28.5"		2-#5M	2-#5M		#3	T1	4@6"/R@12"O.C.	
B-42	12"	16"	4-#8D		4-#8M		#3	T1	8@3"/R@6"O.C.	
B-43	12"	16"		4-#7K	4-#7M		#3	T1	8@3"/R@6"O.C.	
B-44	12"	32"		3-#5M	3-#5M		#3	T1	4@6"/R@12"O.C.	
B-45	10"	16"	2-#6D		2-#6M		#3	T1	8@3"/R@6"O.C.	
B-46	10"	16"		2-#6K	2-#6M		#3	T1	8@3"/R@6"O.C.	
B-47	8"	16"		2-#5G	2-#5G		#3	T1	8@3"/R@6"O.C.	
B-48	8"	16"					#3	T1	8@3"/R@6"O.C.	
B-49	8"	24"		2-#5M	2-#5M		#3	T1	5@5"/R@10"O.C.	
B-50	8"	16"	2-#6D		2-#6M		#3	T1	8@3"/R@6"O.C.	
B-51	8"	16"		2-#6K	2-#6M		#3	T1	8@3"/R@6"O.C.	

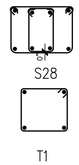


NOTE:
FOR BEAMS FRAMING INTO CONCRETE OR MASONRY WALLS (PARALLEL CONDITION), SCHEDULED BEAM REINFORCING BARS SHALL EXTEND A MINIMUM OF l_d INTO CONCRETE WALL OR TIE BEAM.

* WHICHEVER IS GREATER

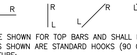
l_d = DEVELOPMENT LENGTH
B = CLASS "B" LAP SPLICE

BAR PLACEMENT DIAGRAMS



STIRRUP TYPES

BEAM SCHEDULE NOTES:
1. SCHEDULE LEFT AND RIGHT END OF MEMBERS READ ON PLAN AS SHOWN BELOW:



2. HOOKS ARE SHOWN FOR TOP BARS AND SHALL BE REVERSED FOR BOTTOM BARS.
3. ALL HOOKS SHOWN ARE STANDARD HOOKS (90 OR 180 DEGREES).
4. NOMENCLATURE:
 db = NOMINAL BAR DIAMETER ld = TENSION DEVELOPMENT LENGTH
 L.E. = LEFT END R.E. = RIGHT END
5. PROVIDE STIRRUP SUPPORT BARS AS REQUIRED FOR BEAMS WITHOUT CONTINUOUS TOP BARS.
6. IN ADDITION TO SCHEDULED TOP AND BOTTOM REINFORCING BARS, PROVIDE FACE BARS AS PER CRITERIA GIVEN HEREIN.
7. TOP OF BEAM ELEVATION SHALL MATCH TOP OF ADJACENT CONCRETE SLAB, UNLESS NOTED OTHERWISE ON PLANS, DETAILS OR SCHEDULE.
8. STIRRUP SPACING NOTED IN SCHEDULE IS MEASURED FROM FACE OF SUPPORTS AT EACH END OF BEAM (SUPPORTED END FOR CANTILEVERED BEAMS).

FACE BARS CRITERIA

"D"	ADDITIONAL BARS 8 ≤ W < 16	ADDITIONAL BARS 16 ≤ W < 30	ADDITIONAL BARS 30 ≤ W < 48
D ≤ 16"	NONE	NONE	NONE
16" < D < 24"	1-#5 EF	1-#5 EF	1-#6 EF
24" ≤ D < 36"	2-#5 EF	2-#5 EF	2-#6 EF
36" ≤ D < 48"	3-#5 EF	4-#5 EF	4-#6 EF
48" ≤ D < 60"	4-#5 EF	4-#6 EF	5-#6 EF

NOTES:
1. PROVIDE FACE BARS AS PER CRITERIA SHOWN FOR ALL BEAMS AND TIE BEAMS UNLESS NOTED OTHERWISE IN SCHEDULES OR DETAILS.
2. LAP FACE BARS 2'-0" AT SPLICES.
3. SPACE FACE BARS EVENLY EACH FACE BETWEEN TOP AND BOTTOM REINFORCEMENT.
4. FACE BARS SHALL BE CONTINUOUS OR FULLY DEVELOPED OVER INTERMEDIATE SUPPORTS AND SHALL TERMINATE IN STANDARD HOOKS AT END SUPPORTS.

FAO ARCHITECTURE
407 LINCOLN ROAD SUITE 8-G MIAMI BEACH, FLORIDA 33139 P.786.448.5630

PROJECT NO: 2308

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MIAMI, FLORIDA 33181

REVISIONS:

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MIAMI SHORES, FLORIDA 33168

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CASA OHAD
6200 SW 129RD TERRACE PINECREST, FLORIDA 33156

PROJECT DESCRIPTION: SINGLE FAMILY RESIDENCE

FAO ARCHITECTURE LLC.
DRAWINGS, SPECIFICATIONS, AND OTHER DOCUMENTS, INCLUDING THOSE IN ELECTRONIC FORM, PREPARED BY FAO ARCHITECTURE LLC. AND THE CONSULTANTS ARE INSTRUMENTS OF SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT. THE ARCHITECT AND THE CONSULTANTS SHALL BE DEEMED THE AUTHORS AND OWNERS OF THEIR RESPECTIVE INSTRUMENTS OF SERVICE AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS.

SEAL:

CARLOS F. SANZ LICENSE
No. 51500
Carlos F Sanz
2023.12.12 12:28:05-05'00'
STATE OF FLORIDA
PROFESSIONAL ENGINEER
CARLOS F. SANZ PE 51500

This item has been digitally signed and sealed by Carlos F. Sanz, PE, on December 12, 2023. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PHASE: CONSTRUCTION DOCUMENTS

ISSUE DATE: DECEMBER 12, 2023

SHEET TITLE: CONCRETE BEAM AND WALL SCHEDULES

SHEET: S-502