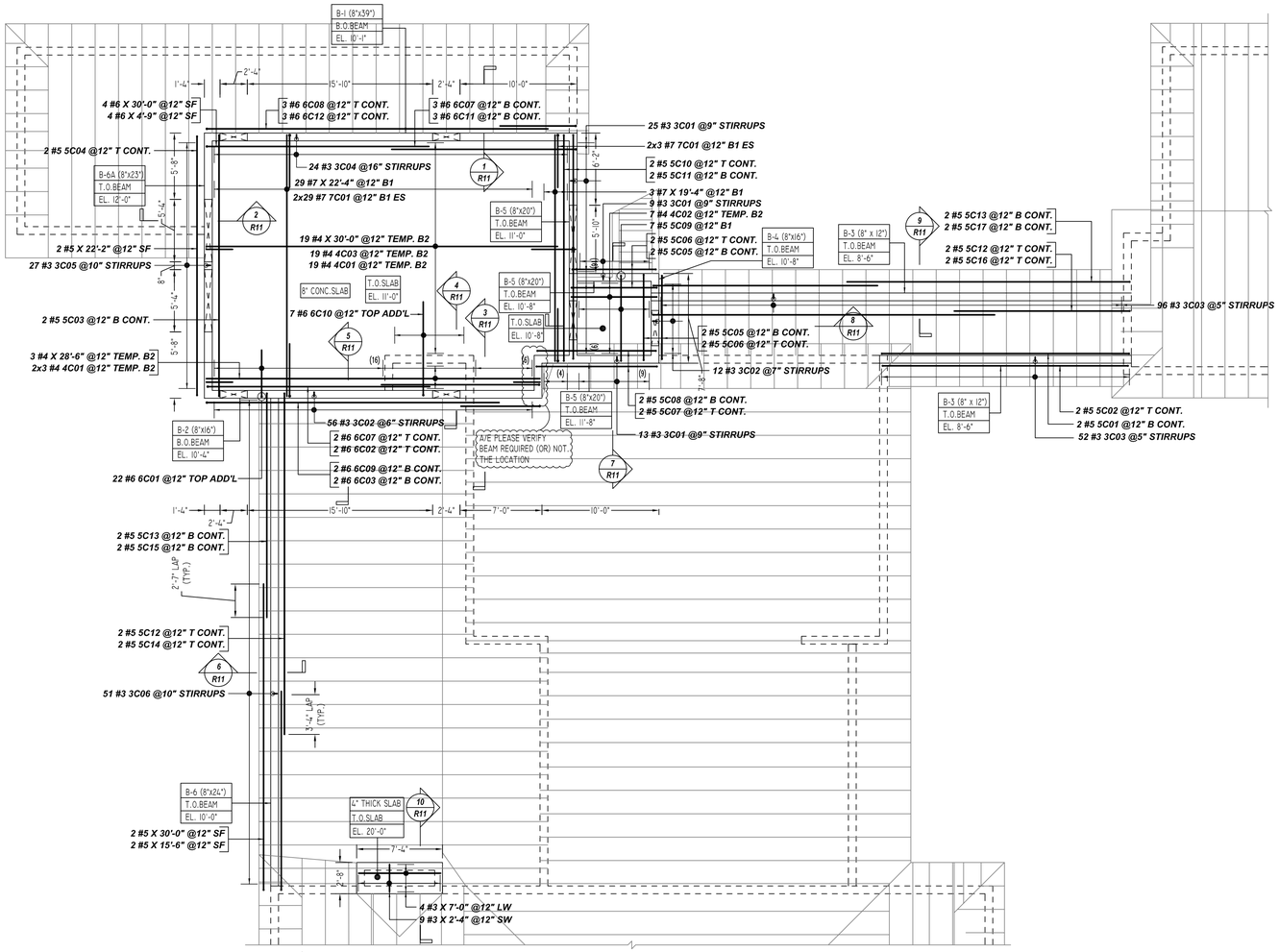
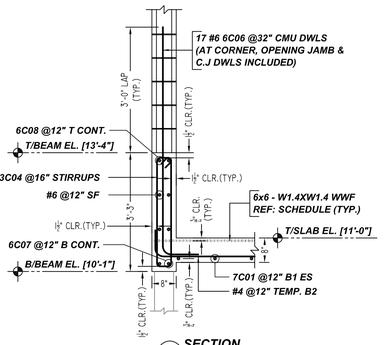
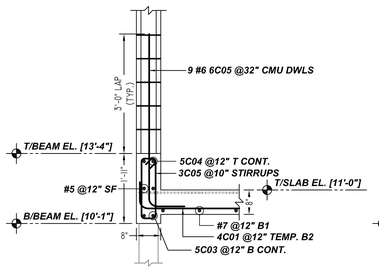


SECOND FLOOR SLAB & BEAM REINFORCEMET DETAILS

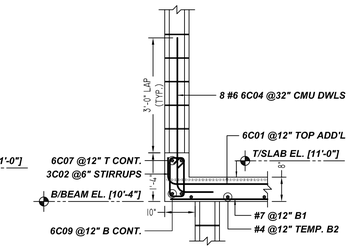
SCALE - 1/6"=1'-0"
REF:S-2.01, S-3.01,
S-5.01, S-5.02 & S-5.03



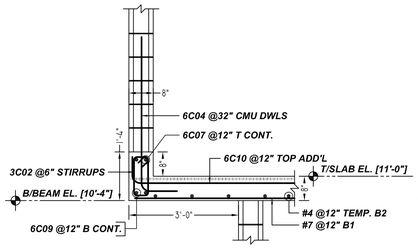
1 SECTION
SCALE - 1/2"=1'-0"
REF:4/S5.01



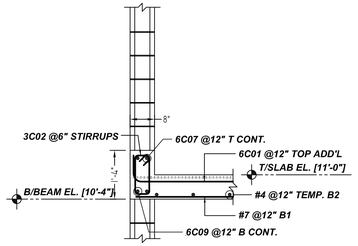
2 SECTION
SCALE - 1/2"=1'-0"
REF:27/S5.03



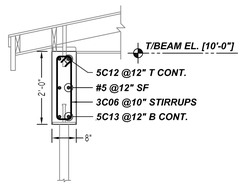
3 SECTION
SCALE - 1/2"=1'-0"
REF:5/S5.01



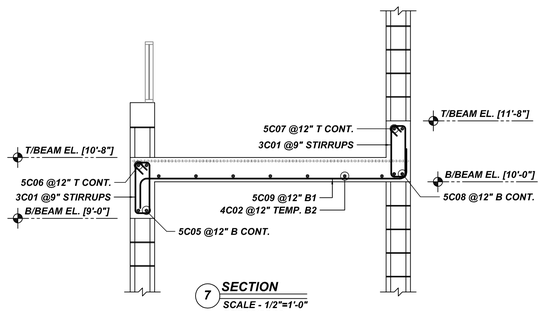
4 SECTION
SCALE - 1/2"=1'-0"
REF:6/S5.01



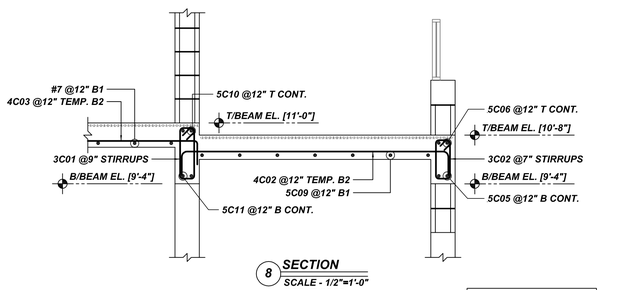
5 SECTION
SCALE - 1/2"=1'-0"
REF:7/S5.01



6 SECTION
SCALE - 1/2"=1'-0"
REF:24/S5.03



7 SECTION
SCALE - 1/2"=1'-0"
REF:18/S5.02

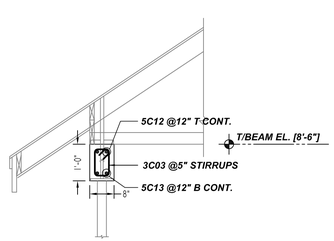


8 SECTION
SCALE - 1/2"=1'-0"
REF:17/S5.02

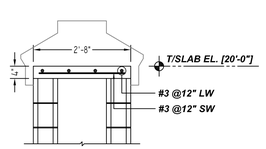
TYPICAL REINFORCING BAR CLEARANCE TABLE	
LOCATION	MIN. COVER
SLAB TOP & BOTTOM	3/4" CLR
SLAB EDGE	2" CLR
BEAM STIRRUPS	1/2" CLR

LAP SCHEDULE		
SIZE	4000 PSI	
	TOP	OTHERS
#3	24"	19"
#4	32"	25"
#5	40"	31"
#6	48"	37"
#7	70"	54"
#8	80"	62"
#9	91"	70"
#10	102"	79"
#11	113"	87"

ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED



9 SECTION
SCALE - 1/2"=1'-0"
REF:16/S5.02



10 SECTION
SCALE - 1/2"=1'-0"
REF:23/S5.03

BENDING DETAILS																	
Release Number: R06																	
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
3001	132	#3	4'-4 X 8"	11	0'-4 X 8"	0'-5"	1'-5"	0'-5"	1'-5"		0'-4 X 8"					
3001	25	#3	4'-4 X 8"	11	0'-4 X 8"	0'-5"	1'-5"	0'-5"	1'-5"		0'-4 X 8"					
3001	9	#3	4'-4 X 8"	11	0'-4 X 8"	0'-5"	1'-5"	0'-5"	1'-5"		0'-4 X 8"					
3002	56	#3	5'-8"	11	0'-4"	0'-5"	1'-1"	0'-5"	1'-1"		0'-4"					
3002	12	#3	5'-8"	11	0'-4"	0'-5"	1'-1"	0'-5"	1'-1"		0'-4"					
3003	52	#3	5'-8"	11	0'-4"	0'-5"	0'-9"	0'-5"	0'-9"		0'-4"					
3003	96	#3	5'-8"	11	0'-4"	0'-5"	0'-9"	0'-5"	0'-9"		0'-4"					
3004	24	#3	7'-6"	11	0'-4"	0'-5"	3'-0"	0'-5"	3'-0"		0'-4"					
3005	27	#3	4'-10"	11	0'-4"	0'-5"	1'-6"	0'-5"	1'-6"		0'-4"					
3006	51	#3	5'-8"	11	0'-4"	0'-5"	1'-9"	0'-5"	1'-9"		0'-4"					
4001	19	#4	7'-11"	2	0'-8"	7'-3"										
4001	6	#4	7'-11"	2	0'-8"	7'-3"										
4002	7	#4	8'-8"	2	0'-8"	7'-4"					8'-8"					
4003	19	#4	4'-5"	2	0'-8"	3'-9"										
5001	2	#5	22'-10"	2	0'-10"	21'-2"					0'-10"					
5002	2	#5	22'-6"	2	0'-10"	21'-0"					0'-10"					
5003	2	#5	24'-0"	2	0'-10"	22'-4"					0'-10"					
5004	2	#5	23'-10"	2	0'-10"	22'-2"					0'-10"					
5005	2	#5	8'-0"	2	0'-10"	7'-4"					0'-10"					
5005	2	#5	8'-0"	2	0'-10"	7'-4"					0'-10"					
5006	2	#5	8'-10"	2	0'-10"	7'-2"					0'-10"					
5006	2	#5	8'-10"	2	0'-10"	7'-2"					0'-10"					
5007	2	#5	17'-10"	2	0'-10"	16'-2"					0'-10"					
5008	2	#5	12'-0"	2	0'-10"	10'-4"					0'-10"					
5009	7	#5	8'-0"	8	0'-10"	7'-4"					0'-10"					
5010	2	#5	20'-10"	2	0'-10"	19'-2"					0'-10"					
5011	2	#5	21'-0"	2	0'-10"	19'-4"					0'-10"					
5012	2	#5	30'-0"	2	0'-10"	29'-2"										
5012	2	#5	30'-0"	2	0'-10"	29'-2"										
5013	2	#5	20'-0"	2	0'-10"	19'-2"										
5013	2	#5	20'-0"	2	0'-10"	19'-2"										
5014	2	#5	17'-10"	2	0'-10"	17'-0"										
5015	2	#5	27'-0"	2	0'-10"	26'-2"										
5016	2	#5	15'-10"	2	0'-10"	15'-0"										
5017	2	#5	25'-0"	2	0'-10"	24'-2"										
6001	22	#6	5'-0"	2	1'-0"	4'-0"										
6002	2	#6	14'-5"	2	1'-0"	13'-5"										
6003	2	#6	7'-9"	2	1'-0"	6'-9"										
6004	6	#6	5'-11"	2	1'-0"	4'-11"										
6005	9	#6	5'-9"	2	1'-0"	4'-9"										
6006	17	#6	7'-11"	2	1'-0"	6'-11"										
6007	3	#6	20'-0"	2	1'-0"	19'-0"										
6007	2	#6	20'-0"	2	1'-0"	19'-0"										
6008	3	#6	30'-0"	2	1'-0"	29'-0"										
6009	3	#6	26'-0"	2	1'-0"	25'-0"										
6010	7	#6	9'-0"	2	1'-0"	8'-0"										
6011	3	#6	16'-0"	2	1'-0"	15'-0"										
6012	3	#6	7'-6"	2	1'-0"	6'-6"										
7001	56	#7	5'-6"	2	1'-2"	4'-6"										
7001	6	#7	5'-6"	2	1'-2"	4'-6"										

MESH DETAILS

S. NO	ELEMENT	MESH SIZE	SHEETS	AREA	REMARK
1	8" THK CONC.SLAB	6x6 - W1.4XW1.4 WWF (TOP)	9	800 SQ.FT	8'-0 X 15'-0"SHEET SIZE (15% LAP ADDED)

ACCESSORIES DETAILS

S. NO	ELEMENT	DESCRIPTION	PCS	LFT	REMARK
1	8" THK CONC.SLAB	3/4" HT SB @4'-0" C/C	-	200	FOR SLAB SUPPORT (@ BOTTOM)

GRADE 60 A615
PREFIX
BAR LIST NOS.

MK	REVISION	DATE	PRINT RECORD NO.	TO	FOR	DATE
0	FOR APPROVAL	10/20/21				

SECOND FLOOR SLAB & BEAM REINFORCEMENT DETAILS

CUSTOMER MR.AND MRS.DARREN AND PAIGE RIOPELLE
JOB RIOPELLE RESIDENCE SEAWALL'S POINT
LOCATION 79 S RIVER ROAD SEAWALL'S POINT, FL 34996

DRAWN	DATE	CONTROL CODE	DWG. NO.
RPR/MET	10/20/2021	-	R06