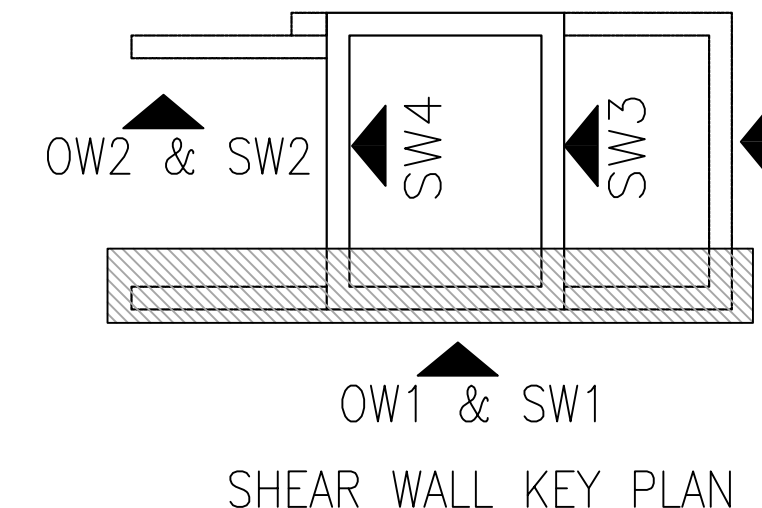


Release Code: R311		BENDING DETAILS.															
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'	L'	
4F02	166	#4	4'6"	19	0.4	39"											
4F03	222	#4	5'6"	19	0.4	49"											
4F04	380	#4	3'6"	19	0.4	39"											
7F08	35	#7	9'2"	19	0.9	73"											
4F22	45	#4	3'0"	19	0.4	23"											
4F23	15	#4	10'9"	11	0.4	23"	29"	23"	29"								
7F26	62	#7	9'6"	19	0.9	40"											
7F27	62	#7	4'9"	19	0.9	40"											
7F28	62	#7	10'6"	19	0.9	40"											
7F29	88	#7	5'9"	19	0.9	50"											
7F30	88	#7	11'6"	19	0.9	50"											
7F31	88	#7	12'6"	19	0.9	50"											
7F32	35	#7	17'5"	53	0.9	73"											
7F33	35	#7	18'8"	59	0.9	73"											
5F36	4	#5	3'2"	19	0.5	23"											
5F37	4	#5	6'11"	53	0.5	23"											
4F40	230	#4	2'6"	19	0.4	19"											
7F41	4	#7	2'6"	19	0.7	110"											
7F42	4	#7	11'9"	19	0.9	110"											
5F44	23	#5	6'2"	53	0.5	110"											
5F45	23	#5	7'3"	54	0.5	110"											
5F46	4	#5	8'7"	59	0.7	23"											
7F47	4	#7	2'6"	19	0.7	110"											
5F48	4	#5	3'0"	19	0.5	210"											
5F49	4	#5	3'0"	19	0.5	210"											
5F50	4	#5	8'3"	53	0.5	210"											
5F51	4	#5	8'2"	53	0.5	210"											
4F52	4	#4	9'3"	59	0.6	210"											
4F53	4	#4	4'2"	19	0.4	210"											
7F51	19	#11	8'2"	20	0.8												
4F54	39	#4	2'0"	19	0.4	21"											
4F55	39	#4	2'0"	19	0.4	21"											
4F56	15	#4	10'9"	11	0.4	23"											
4F57	39	#4	3'6"	19	0.4	23"											
4F58	39	#4	3'0"	19	0.4	23"											
4F59	15	#4	10'7"	11	0.4	23"											
7F72	4	#7	22'4"	31	0.9	17'4"											
4F65	39	#4	3'6"	19	0.4	23"											

LENTON TERMINATORS & THREADED BARS FOR OUTRIGGER WALL AND CORE SHEAR WALL (SW-1)

BAR QTY	BAR SIZE	GRADE	SHAPE	THREAD AT	TERMINATOR	TERMINATOR QUANTITY
103	#11	GR.75	TERMINATOR	ONE END	TERMINATOR	103
42	#11	GR.75	TERMINATOR	ONE END	TERMINATOR	42
6	#11	GR.75	TERMINATOR	ONE END	TERMINATOR	6

ELEVATION OF SW1 & OW1 SUPPORTING LEVEL-25 TO LEVEL-27 VERTICAL REINFORCEMENT DETAIL  
 REF DWG: S5.15, S5.16, S5.17, S5.18, S5.19 (02/14/20), S5.21, S5.31 (08/30/19), S5.30 (10/11/19)  
 SCALE: 1/4"=1'-0"



REINFORCING STEEL SHALL BE INSTALLED TO WITHIN THE FOLLOWING TOLERANCES:

ITEMS FOR WHICH TOLERANCE IS BEING MEASURED:	PERMITTED TOLERANCE
CONCRETE COVER FOR SLAB TOP & BOTTOM BARS	±1/4"
COVER FOR OTHER REINFORCING STEEL	±3/8"
SPECIFIED SPACING BETWEEN PARALLEL BARS IN SLABS	± (SPECIFIED SPACING/4") BUT NOT TO EXCEED 1"
HORIZONTAL DEVIATION FROM SPECIFIED LOCATION, U.N.O.	±3"
SPACING AND LOCATION OF BEAM STIRRUPS	± (BEAM DEPTH IN INCHES/12)x1"
SPACING AND LOCATION OF COLUMN TIES	± (MIN. COL. DIM IN INCHES/12)x1"
LOCATION OF ENDS OF BARS PERPENDICULAR TO SLAB EDGES	±1"
HORIZONTAL LOCATION OF PRESTRESSED TENDONS	±1/2" FOR MEMBER DEPTH < 24"; ±1" FOR MEMBER DEPTH > 24"
VERTICAL LOCATION (DRAPE) OF PRESTRESSED TENDONS	±1/4" FOR MEMBER DEPTH < 8"; ±3/8" FOR MEMBER DEPTH > 8", < 24"; ±1/2" FOR MEMBER DEPTH > 24"

\*INDICATES TOLERANCES ARE PER ACI 117, "STANDARD SPECIFICATION FOR TOLERANCES FOR CONCRETE CONSTRUCTION MATERIALS"

REINFORCING STEEL SHALL BE DETAILED AND INSTALLED TO HAVE THE FOLLOWING CONCRETE CLEAR COVER DIMENSIONS, UNLESS NOTED OTHERWISE:

REINF. STEEL IN CONCRETE CAST AGAINST SOIL	3"
REINF. STEEL IN CONCRETE EXPOSED TO SOIL OR WEATHER #5 BARS AND SMALLER	1 1/2"
#6 BARS AND LARGER	2"
SLAB AND WALL REINF. NOT EXPOSED TO SOIL OR WEATHER	3/4"
BEAM STIRRUPS, COLUMN TIES, & HORIZ. REINF. IN SHEAR WALLS	1 1/2"
TOP REINF. IN PARKING LEVEL SLABS	1 1/2"
BOTTOM REINF. IN PARKING LEVEL SLABS	1"
TOP REINFORCING IN SLAB 20" SLAB (S2.01)	2"

REF: NOTE H.1.b/SO.01 (08/30/19)

NOTES  
 FOR SHEAR WALL SW1-4 & OUTRIGGER PLAN REFER DWG.NO : R307 TO R310  
 FOR SHEAR WALL ELEVATION SW-1 REFER DWG.NO : R311 TO R314  
 FOR SHEAR WALL ELEVATION SW-2 REFER DWG.NO : R315 TO R318  
 FOR SHEAR WALL ELEVATION SW-3 REFER DWG.NO : R319  
 FOR SHEAR WALL ELEVATION SW-4 REFER DWG.NO : R320  
 FOR OUTRIGGER WALL ELEVATION-5 REFER DWG.NO : R321

ALL #11 BARS ASTM A615 GR 75 PER S0.00.  
 BARS #10 AND SMALLER A615 GR 60 PER S0.00.

CASE-1  
 LAP TABLE-12000 PSI  
 CLASS-B

SIZE	TOP	OTHERS
#3	1'-4"	1'-4"
#4	1'-9"	1'-4"
#5	2'-2"	1'-8"
#6	2'-7"	2'-0"
#7	3'-9"	2'-11"
#8	4'-3"	3'-3"
#9	4'-10"	3'-8"
#10	5'-4"	4'-1"
#11 (GR75)	7'-4"	5'-8"

NOTICE  
 Shortages, improper fabrication or claims for any other reason must be reported to this company and this company reserves the right to field inspect prior to replacement or reconditioning of nonconforming material, and will not honor charges for work done in the field without specific authorization from this company.