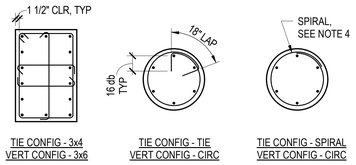
CONCRETE COLUMN TYPE SCHEDULE							
TYPE	LONGIT Fy	TRANSV Fy	VERT REINF	TIE CONFIG	VERT CONFIG	LOC 1 TIES	LOC 2 TIES
1	60	80	(12) #9	3x5 (s)	3x5	#4 @ 4 1/2"	#5 @ 4"
2	60	80	(16) #8	5x5	5x5	#4 @ 6"	#5 @ 5 1/2"
3	60	80	(8) #8	3x3	3x3	#4 @ 5 1/2"	#5 @ 4 1/2"
4	60	80	(12) #7	3x5 (s)	3x5	#4 @ 4 1/2"	#5 @ 4 1/2"
5	60	80	(10) #7	3x4	3x4	#4 @ 4 1/2"	#5 @ 4 1/2"
6	60	80	(12) #7	4x4 (s)	4x4	#4 @ 5"	#5 @ 5"
7	60	80	(14) #9	3x6 (s)	3x6	#4 @ 5"	#5 @ 5"
8	60	80	(12) #7	2x6 (s)	2x6	#4 @ 3"	#5 @ 3"
10	60	80	(14) #9	4x5	4x5	#4 @ 5 1/2"	#5 @ 5 1/2"
11	60	80	(14) #10	3x6 (s)	3x6	#4 @ 4 1/2"	#5 @ 4"
12	60	80	(16) #8	2x8 (s)	2x8	#4 @ 3"	#5 @ 3"
13	60	80	(20) #8	5x7	5x7	#4 @ 6"	#5 @ 6"
14	60	80	(14) #11	3x6 (s)	3x6	#4 @ 4 1/2"	#5 @ 4"
15	60	80	(10) #8	3x4	3x4	#4 @ 5"	#5 @ 5"
16	60	80	(18) #9	2x9 (s)	2x9	#4 @ 3"	#5 @ 3"
17	60	80	(16) #10	5x5	5x5	#4 @ 5 1/2"	#5 @ 5 1/2"

NOTES:

1. TYPICAL CROSSTIES SHALL HAVE A 135 DEGREE HOOK AT ONE END AND A 90 DEGREE HOOK AT THE OTHER END UNLESS NOTED OTHERWISE. AT CONTRACTOR'S OPTION, 135 DEGREE HOOKS MAY BE REPLACED WITH 180 DEGREE HOOKS AND 90 DEGREE HOOKS MAY BE REPLACED WITH 135 OR 180 DEGREE HOOKS.
2. CROSSTIES WITH 90 DEGREE HOOKS SHALL HAVE THE CONSECUTIVE CROSSTIES ALTERNATED END FOR END ALONG THE LONGITUDINAL REINFORCEMENT.
3. CIRCULAR TIES SHALL ALTERNATE POSITION OF LAPS 180 DEGREES EVERY OTHER HOOP.
4. REFER TO "TYPICAL CONCRETE COLUMN SPIRAL REINFORCING" FOR ADDITIONAL DETAILING REQUIRMENTS.



SAMPLE CONFIGURATIONS

TIE CONFIGURATION KEY:

3x4(s)
- 135° HOOK REQD AT EA END OF CROSSTIES, WHERE OCCURS
- LONG SIDE TIE COUNT
- SHORT SIDE TIE COUNT

VERTICAL REINF CONFIGURATION KEY:

3x4
- LONG SIDE VERTICAL BAR COUNT
- SHORT SIDE VERTICAL BAR COUNT

1 CONCRETE COLUMN TYPES

CONCRETE COLUMN SCHEDULE KEY:

24"x24" [1]
- COLUMN TYPE
- COLUMN SIZE

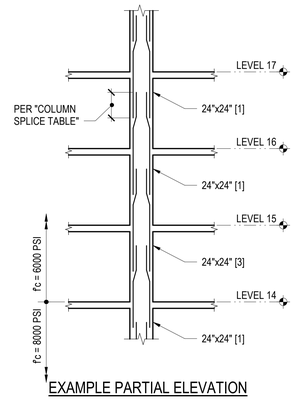
NOTES:

1. SEE THE FOLLOWING ACCOMPANYING DETAILS:
   - "TYPICAL CONCRETE COLUMN"
   - "TYPICAL CONCRETE COLUMN BASE DOWELS"
   - "CONCRETE COLUMN TYPES"
2. VERTICAL REINFORCEMENT SPLICE LENGTHS ARE PER THE "TYPICAL COLUMN SPLICE TABLE" .

COLUMN SIZE, TYPE & SPLICE LENGTH

CONCRETE COLUMN SCHEDULE			
	COLUMN MARK	C1	C2
f'c = 6,000 PSI	LEVEL 20		
	LEVEL 19		
	LEVEL 18		
	LEVEL 17		24"x24" [1]
	LEVEL 16	24"x24" [1]	
	LEVEL 15	24"x24" [3]	
f'c = 8,000 PSI	LEVEL 14		
	LEVEL 13		
	LEVEL 12	24"x24" [1]	
	LEVEL 11		
	LEVEL 10		
	LEVEL 9		
	LEVEL 8	24"x30" [1]	30"x30" [2]

EXAMPLE PARTIAL CONCRETE COLUMN SCHEDULE



EXAMPLE PARTIAL ELEVATION

3 CONCRETE COLUMN SCHEDULE NOTES AND SAMPLE COLUMN SPECIFICATIONS

TOWER A CONCRETE COLUMN SCHEDULE																				
	COLUMN MARK	AC1	AC2	AC3	AC4	AC5	AC6	AC7	AC8	AC9	AC10	AC11	AC12	AC13	AC14	AC15	AC16	AC17	AC18	AC19	AC20
f'c = 6,000 PSI	LEVEL 6		18"x32" [1]																		
	LEVEL 5								18"x32" [4]	18"x32" [1]											
	LEVEL 4																				
	LEVEL 3			18"x32" [4]		18"x32" [5]	24"x24" [3]	24"x24" [3]			18"x32" [5]								24"x24" [3]		
	LEVEL 2	24"x24" [3]	18"x32" [5]	32"x32" [2]		32"x32" [2]	24"x54" [7]	24"x32" [15]					18"x32" [5]				24"x24" [3]		24"x32" [3]	24"x24" [3]	
	LEVEL 1								18"x32" [5]			24"x24" [3]	18"x32" [5]		18"x32" [5]	24"x24" [3]		12"x60" [8]			18"x32" [5]
	LEVEL P2	24"x24" [6]	18"x32" [4]	18"x32" [1]	12"x60" [8]	18"x32" [4]	24"x24" [6]	24"x24" [6]		18"x32" [5]		24"x24" [6]	18"x32" [4]	24"x24" [3]					24"x24" [6]	24"x24" [6]	
	FOUNDATION																				

6

6 TOWER A CONCRETE COLUMN SCHEDULE

TOWER B CONCRETE COLUMN SCHEDULE																						
	COLUMN MARK	BC1	BC2	BC3	BC4	BC5	BC6	BC7	BC8	BC9	BC10	BC11	BC12	BC13	BC14	BC15	BC16	BC17	BC18	BC19	BC20	BC21
f'c = 6,000 PSI	LEVEL 7					18"x32" [1]																
	LEVEL 6																					
	LEVEL 5																					
	LEVEL 4																					
	LEVEL 3		18"x32" [5]	18"x32" [5]	24"x24" [3]		24"x24" [3]		24"x24" [3]		18"x32" [5]	18"x32" [5]	18"x32" [5]	18"x32" [5]	18"x32" [5]							
	LEVEL 2		32"x32" [2]			18"x32" [5]	24"x54" [7]		41"x41" [17]		41"x41" [17]	18"x32" [4]	32"x32" [2]	32"x32" [2]	32"x32" [2]						24"x24" [3]	
	LEVEL 1	18"x32" [5]		32"x37" [10]						18"x32" [5]												18"x32" [5]
	LEVEL P1	18"x32" [4]		18"x32" [4]	24"x24" [6]	18"x32" [4]	24"x24" [6]		24"x24" [6]				12"x60" [12]	12"x60" [12]	12"x60" [16]	12"x60" [8]	18"x32" [5]	24"x24" [3]	24"x24" [6]	18"x32" [5]		
	LEVEL P2		18"x32" [4]					12"x60" [8]		18"x32" [4]	18"x32" [4]											
	FOUNDATION																					

11

11 TOWER B CONCRETE COLUMN SCHEDULE

TOWER C CONCRETE COLUMN SCHEDULE													
	COLUMN MARK	CC1	CC2	CC3	CC4	CC5	CC6	CC7	CC8	CC9	CC10	CC11	CC12	CC13
f'c = 6,000 PSI	LEVEL 8	18"x32" [11]			18"x32" [11]			18"x32" [11]			18"x32" [14]			
	LEVEL 7													
	LEVEL 6													
	LEVEL 5													
	LEVEL 4							18"x32" [5]						
	LEVEL 3		12"x48" [12]		18"x32" [5]	12"x48" [12]							18"x24" [4]	
	LEVEL 2		30"x39 1/2" [13]		32"x32" [2]							18"x32" [5]		
	LEVEL 1	18"x32" [5]	18"x32" [4]	24"x24" [6]	18"x32" [1]	18"x36" [4]	18"x24" [4]	18"x32" [4]	18"x32" [5]	18"x32" [5]	18"x32" [5]			24"x24" [6]
	FOUNDATION													

16

16 TOWER C CONCRETE COLUMN SCHEDULE

DAVID C. FIELDS
STATE OF UTAH
12385783-2203
PROFESSIONAL STRUCTURAL ENGINEER

Reserved for permit stamp

Olson Kundig
159 South Jackson St. Suite 600
Seattle, Washington 98104 USA
+1 206 624 5670 olsonkundig.com

project:
SOMMET BLANC - ABC
DEER VALLEY, UTAH

MAGNUSSON KLEMENCIC ASSOCIATES
Structural + Civil Engineers
Seattle Chicago
www.mka.com
206 292 1200

principal architect
project manager
drawn by
checked by
job no. 20052
date 05/17/2024

revisions:

no.	date	by
6	01/17/2025	ASI-006.1
3	8/19/2024	ASI-004
1	05/17/2024	IFC 2
	04/08/2024	IFC SET 1 OF 3
	11/18/2022	95% CD

IFC SET 2 OF 3

05/17/2024

COLUMN SCHEDULES

S4.00