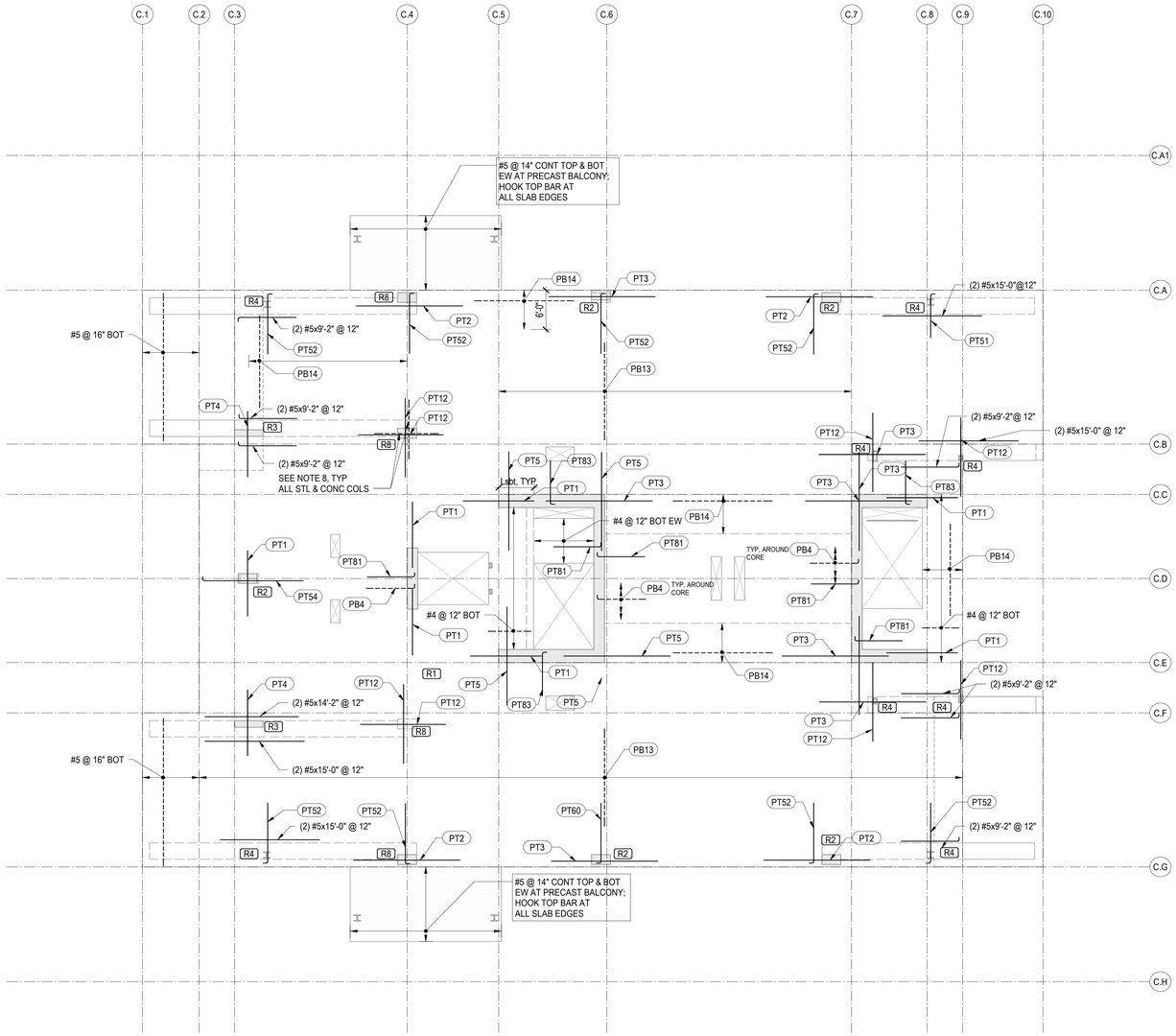


1 TOWER C - LEVEL 7 - REINFORCEMENT PLAN
1/8" = 1'-0"

REINFORCING NOTES:

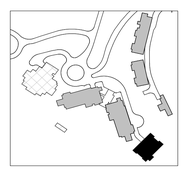
1. SEE "GENERAL NOTES" FOR REINFORCING REQUIREMENTS.
2. SEE "TYPICAL POST-TENSIONED SLAB DETAILS" FOR ADDITIONAL INFORMATION.
3. SLAB REINFORCING SHALL BE PLACED IN THE FOLLOWING SEQUENCE:
   BOT BARS IN DIRECTION OF DISTRIBUTED TENDONS
   BOT BARS IN DIRECTION OF BANDED TENDONS
   TOP BARS IN DIRECTION OF BANDED TENDONS
   TOP BARS IN DIRECTION OF DISTRIBUTED TENDONS
4. RX INDICATES STUD RAIL. STUD RAILS SHALL BE PLACED AT ALL COLUMNS. SEE "TYPICAL STUD RAIL REINFORCEMENT AT COLUMNS" DETAIL AND STUD RAIL SCHEDULE.
5. SEE "TYPICAL CONCRETE OPENINGS AND EMBEDMENTS" FOR ADDITIONAL REINFORCEMENT REQUIREMENTS. NOTIFY STRUCTURAL ENGINEER OF ANY OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS FOR WHICH THE TYPICAL DETAILS DO NOT APPLY. ADDITIONAL REINFORCEMENT MAY BE REQUIRED.
6. WHERE BAR LENGTH CANNOT BE ACHIEVED DUE TO SLAB EDGE, HOOK BAR.
7. WHERE NOTES AS "HOOKED", PROVIDE 90 OR 180 DEGREE HOOK AS SHOWN ON PLAN. NOTED BAR LENGTH IS LENGTH OF STRAIGHT PORTION OF BAR.
8. PROVIDE INTEGRITY BOTTOM BARS PER STUD RAIL SCHEDULE AT ALL COLUMNS. CENTER REINFORCEMENT ON COLUMNS AND PLACE INTEGRITY BARS EACH WAY WITHIN COLUMN VERTICAL REINFORCEMENT. TRIM AND HOOK AT SLAB EDGE AS REQUIRED.

PT TOP REINFORCEMENT SCHEDULE

MARK	REINFORCING	REMARKS
PT1	(6) #5x10'-0"	
PT2	(6) #5x15'-0"	
PT3	(8) #5x15'-0"	
PT4	(12) #5x10'-0"	
PT5	(10) #5x15'-0"	
PT6	(18) #6x12'-0" @ 5"	STAGGER 3'-0"
PT7	(14) #5x10'-0"	
PT9	(14) #6x15'-0"	
PT11	(13) #6x15'-0"	
PT12	(10) #5x12'-0"	
PT30	#5x10'-0"@ 15"	
PT32	#6x12'-0"@ 6"	
PT50	(4) #5x6'-8"	HOOK AT END
PT51	(6) #5x6'-8"	HOOK AT END
PT52	(10) #5x9'-2"	HOOK AT END
PT54	(6) #5x14'-2"	HOOK AT END
PT56	(16) #5x11'-2"	HOOK AT END
PT57	(10) #5x14'-2"	HOOK AT END
PT60	(12) #5x9'-2"	HOOK AT END
PT80	#5x11'-2" @ 10"	HOOK AT END
PT81	#5x6'-8" @ 10"	HOOK AT END
PT82	#6x9'-0"@ 4"	HOOK AT END
PT83	#6x9'-0" @ 6"	HOOK AT END

PT BOTTOM REINFORCEMENT SCHEDULE

MARK	REINFORCING	REMARKS
PB1	#5x10'-0" @ 6"	
PB4	#4x6'-10" @ 12"	HOOK AT END
PB5	#5x6'-8" @ 6"	HOOK AT END
PB7	#5x20'-0" @ 12"	
PB8	#7x20'-0" @ 12"	
PB9	#7x20'-0" @ 6"	
PB10	#6x20'-0" @ 6"	
PB13	#5x15'-0" @ 24"	
PB14	#5x15'-0" @ 12"	
PB15	#7x10'-0" @ 8"	
PB16	#7x6'-4" @ 8"	HOOK AT END
PB17	#5x10'-0" @ 12"	
PB18	#7x10'-0" @ 12"	



N

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

Reserved for permit stamp

Olson Kundig
109 South Jackson St, Suite 600
Seattle, Washington 98104-2836
+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
04/08/2024	IFC SET 1 OF 3	
11/18/2022	95% CD	

IFC SET 2 OF 3

05/17/2024

TOWER C LEVEL 7 REINFORCING PLAN

S2.C.17.R