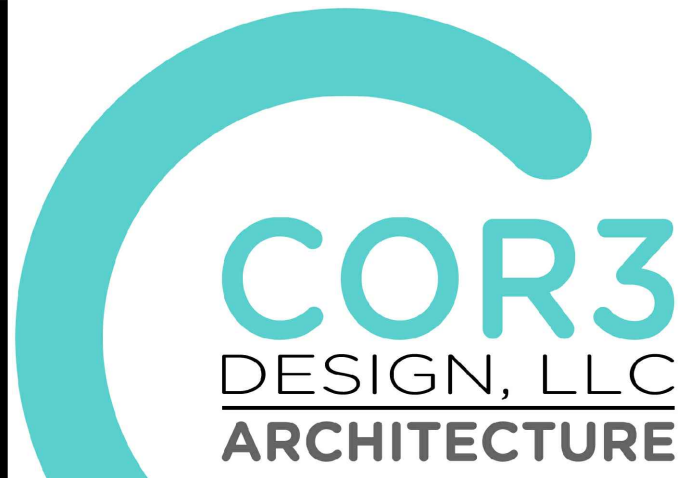
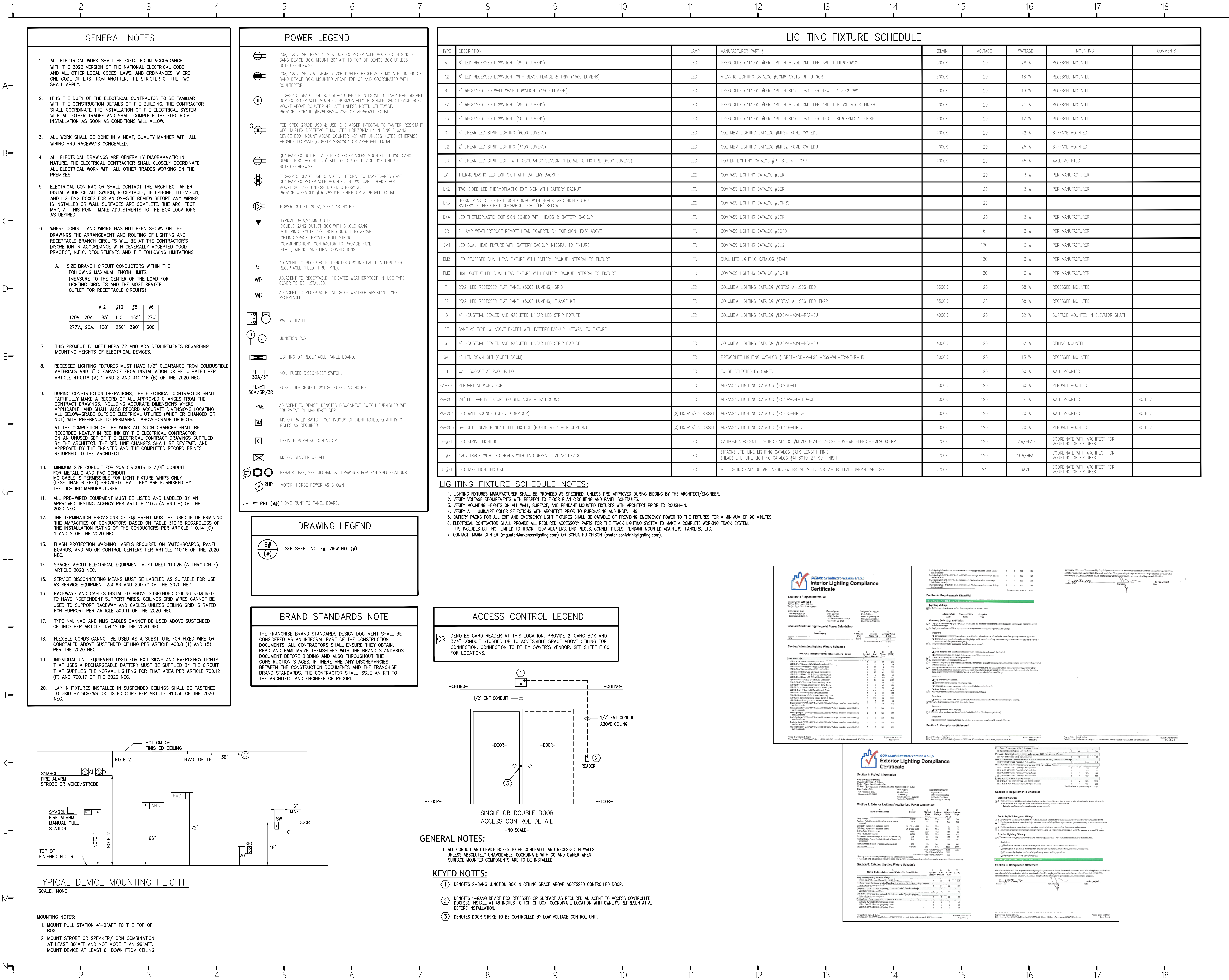




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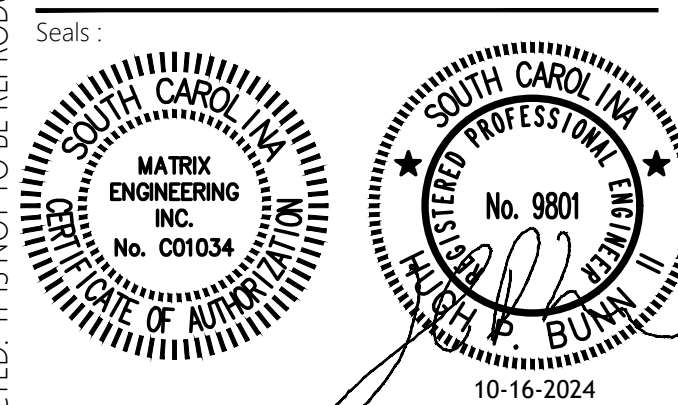
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ELECTRICAL
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Project Title:
HOME 2 SUITES
GREENWOOD SC
475 HOSPITALITY BLVD,
GREENWOOD, SC 29649

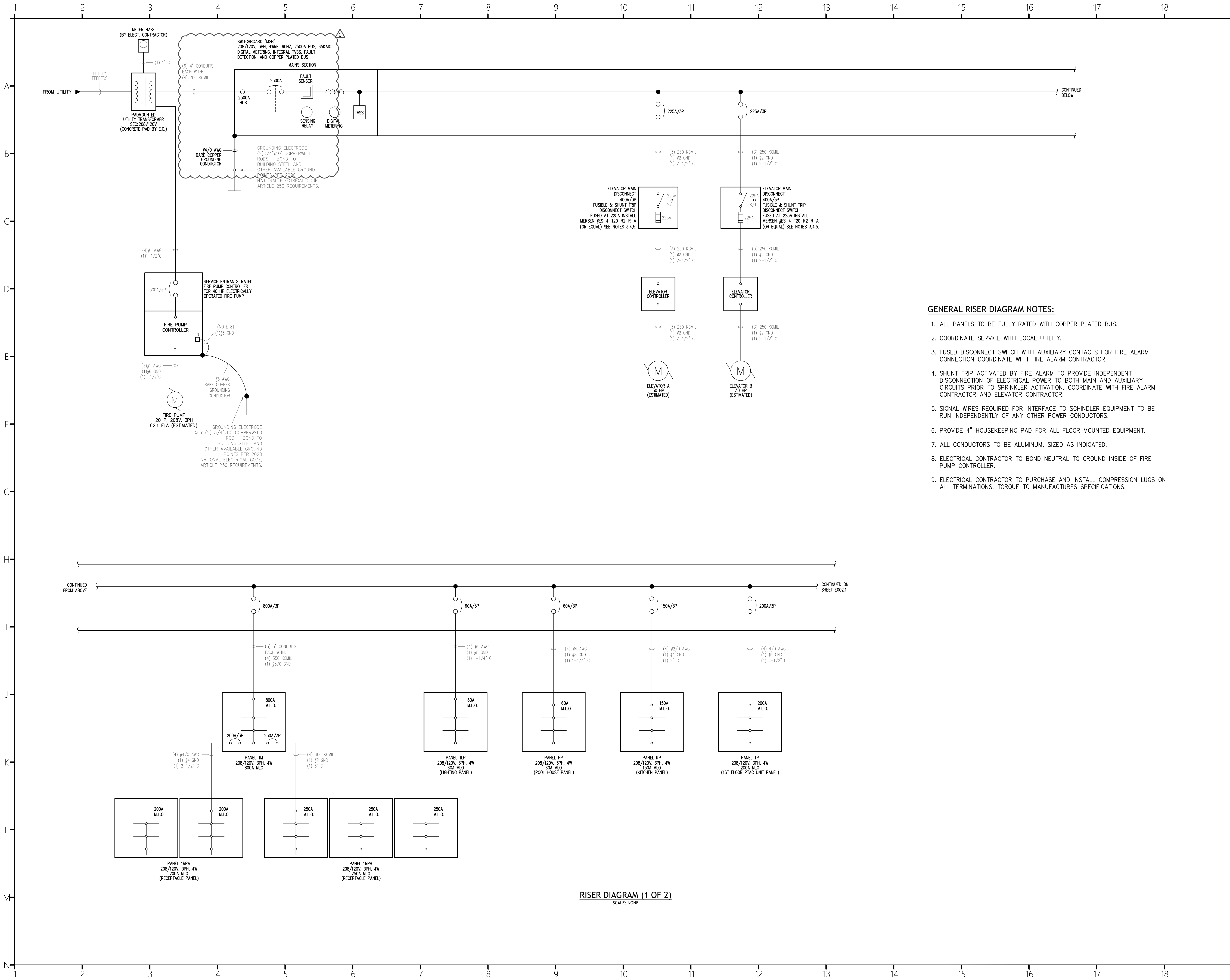
Client Logo:



Revisions:
A 10.16.2024 Issue For Permit
B 03.20.2025 100% Issue For Hilton
C 06.11.2025 Owner revisions/corrections

Project Number :
23112
Phase :
CD
Date :
04.22.2024
Drawn By :
BY
Checked By :
HPB
Sheet Number:

E001
Sheet Title:
GENERAL NOTES, LEGENDS,
& FIXTURE SCHEDULE



GENERAL RISER DIAGRAM NOTES:

1. ALL PANELS TO BE FULLY RATED WITH COPPER PLATED BUS.
2. COORDINATE SERVICE WITH LOCAL UTILITY.
3. FUSED DISCONNECT SWITCH WITH AUXILIARY CONTACTS FOR FIRE ALARM CONNECTION COORDINATE WITH FIRE ALARM CONTRACTOR.
4. SHUNT TRIP ACTIVATED BY FIRE ALARM TO PROVIDE INDEPENDENT DISCONNECTION OF ELECTRICAL POWER TO BOTH MAIN AND AUXILIARY CIRCUITS PRIOR TO SPRINKLER ACTIVATION. COORDINATE WITH FIRE ALARM CONTRACTOR AND ELEVATOR CONTRACTOR.
5. SIGNAL WIRES REQUIRED FOR INTERFACE TO SCHINDLER EQUIPMENT TO BE RUN INDEPENDENTLY OF ANY OTHER POWER CONDUCTORS.
6. PROVIDE 4" HOUSEKEEPING PAD FOR ALL FLOOR MOUNTED EQUIPMENT.
7. ALL CONDUCTORS TO BE ALUMINUM, SIZED AS INDICATED.
8. ELECTRICAL CONTRACTOR TO BOND NEUTRAL TO GROUND INSIDE OF FIRE PUMP CONTROLLER.
9. ELECTRICAL CONTRACTOR TO PURCHASE AND INSTALL COMPRESSION LUGS ON ALL TERMINATIONS. TORQUE TO MANUFACTURES SPECIFICATIONS.



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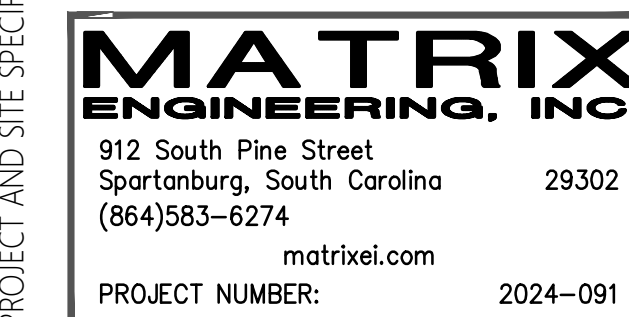
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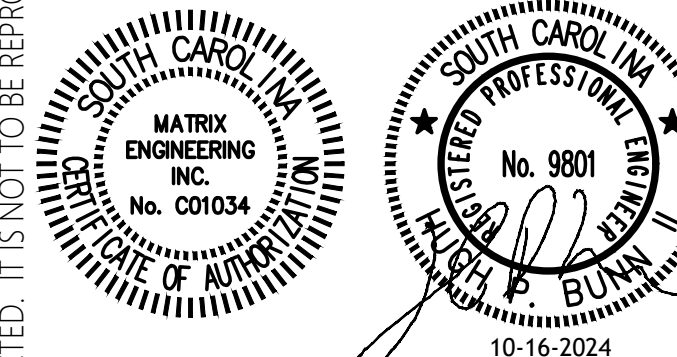
Project Title:

HOME 2 SUITES
GREENWOOD SC
475 HOSPITALITY BLVD,
GREENWOOD, SC 29649

Client Logo:



Seals:



Revisions:

Revision	Date	Description
A	10.16.2024	Issue For Permit
B	03.20.2025	100% Issue For Hilton
C	08.11.2025	Owner revisions/corrections
D	07.18.2025	Power Coordination

Project Number:

23112

Phase:

CD

Date:

04.22.2024

Drawn By:

BY

Checked By:

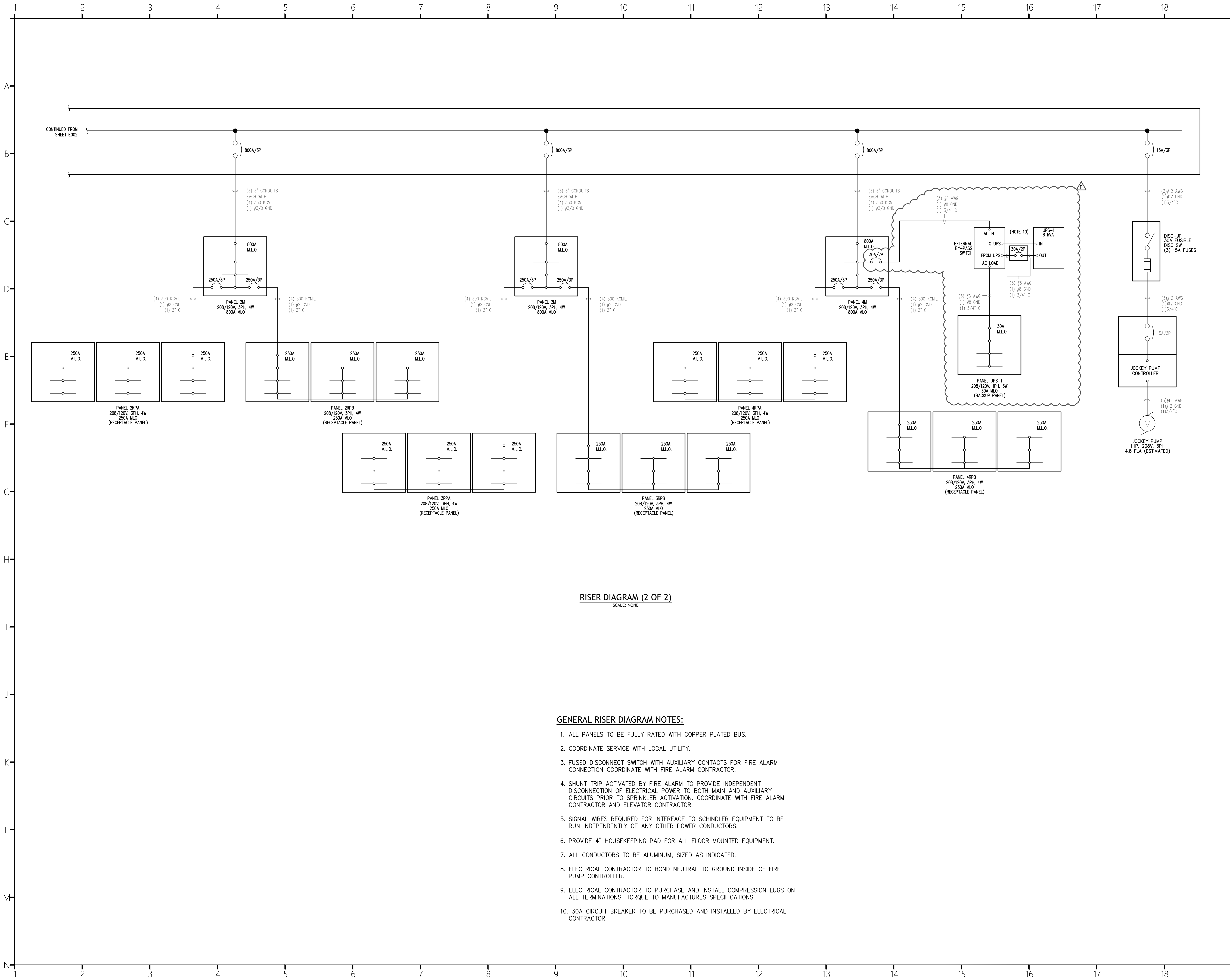
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Sheet Number:

E002

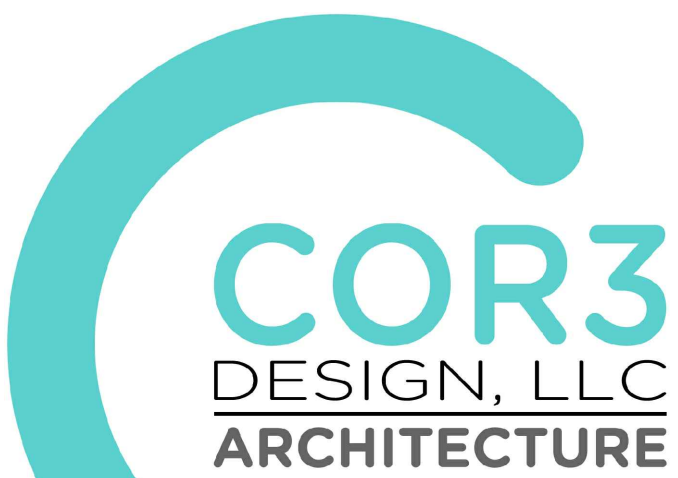
Sheet Title:

RISER DIAGRAM (1 OF 2)



RISER DIAGRAM (2 OF 2)
SCALE: NONE

- GENERAL RISER DIAGRAM NOTES:**
1. ALL PANELS TO BE FULLY RATED WITH COPPER PLATED BUS.
 2. COORDINATE SERVICE WITH LOCAL UTILITY.
 3. FUSED DISCONNECT SWITCH WITH AUXILIARY CONTACTS FOR FIRE ALARM CONNECTION COORDINATE WITH FIRE ALARM CONTRACTOR.
 4. SHUNT TRIP ACTIVATED BY FIRE ALARM TO PROVIDE INDEPENDENT DISCONNECTION OF ELECTRICAL POWER TO BOTH MAIN AND AUXILIARY CIRCUITS PRIOR TO SPRINKLER ACTIVATION. COORDINATE WITH FIRE ALARM CONTRACTOR AND ELEVATOR CONTRACTOR.
 5. SIGNAL WIRES REQUIRED FOR INTERFACE TO SCHINDLER EQUIPMENT TO BE RUN INDEPENDENTLY OF ANY OTHER POWER CONDUCTORS.
 6. PROVIDE 4" HOUSEKEEPING PAD FOR ALL FLOOR MOUNTED EQUIPMENT.
 7. ALL CONDUCTORS TO BE ALUMINUM, SIZED AS INDICATED.
 8. ELECTRICAL CONTRACTOR TO BOND NEUTRAL TO GROUND INSIDE OF FIRE PUMP CONTROLLER.
 9. ELECTRICAL CONTRACTOR TO PURCHASE AND INSTALL COMPRESSION LUGS ON ALL TERMINATIONS. TORQUE TO MANUFACTURES SPECIFICATIONS.
 10. 30A CIRCUIT BREAKER TO BE PURCHASED AND INSTALLED BY ELECTRICAL CONTRACTOR.

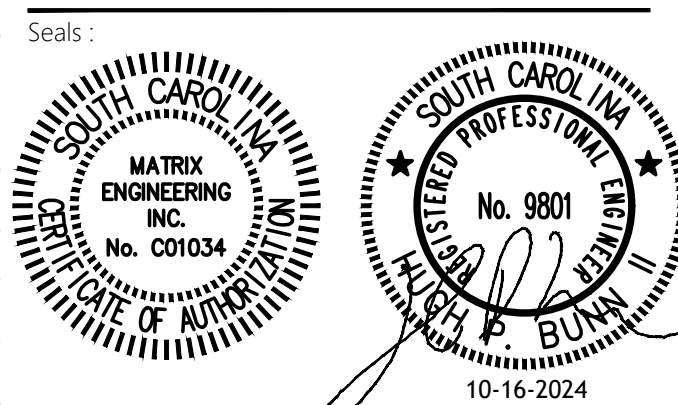


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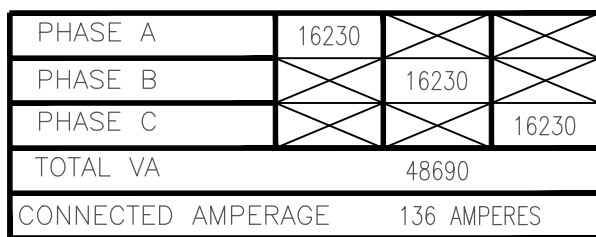


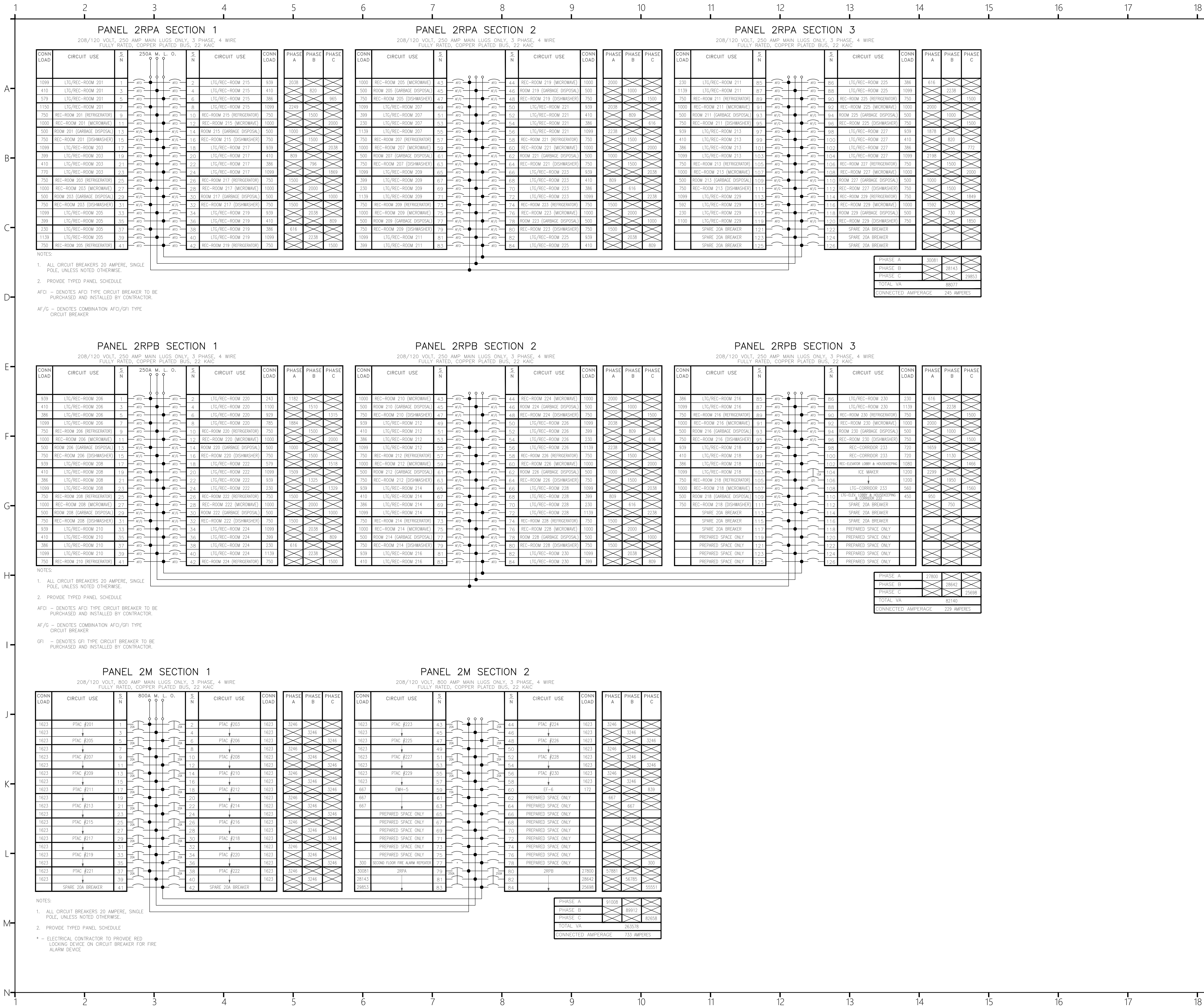
Project Title:
**HOME 2 SUITES
GREENWOOD SC**
475 HOSPITALITY BLVD,
GREENWOOD, SC 29649



Revisions:	
A	10.16.2024 Issue For Permit
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C	06.11.2025 Owner revisions/corrections

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Phase: CD
Date: 04.22.2024
Drawn By: BY
Checked By: HPB
Sheet Number:
E002.1
Sheet Title:
RISER DIAGRAM (2 OF 2)





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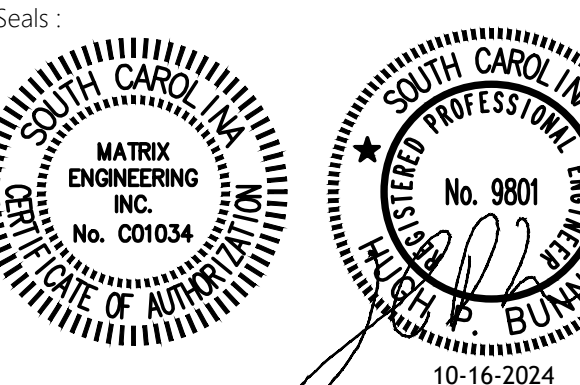
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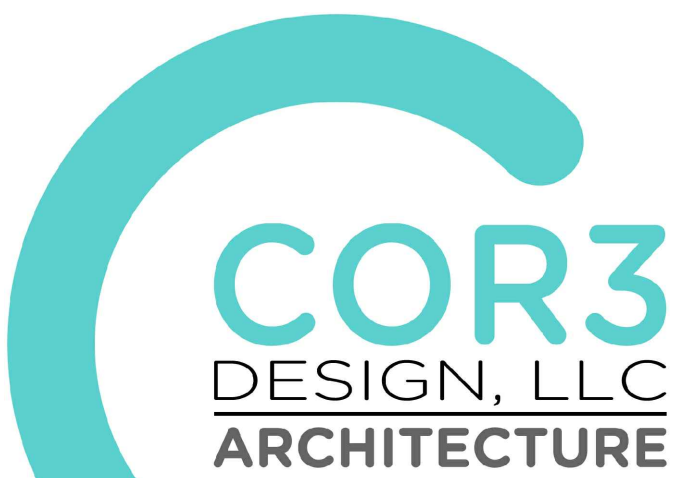
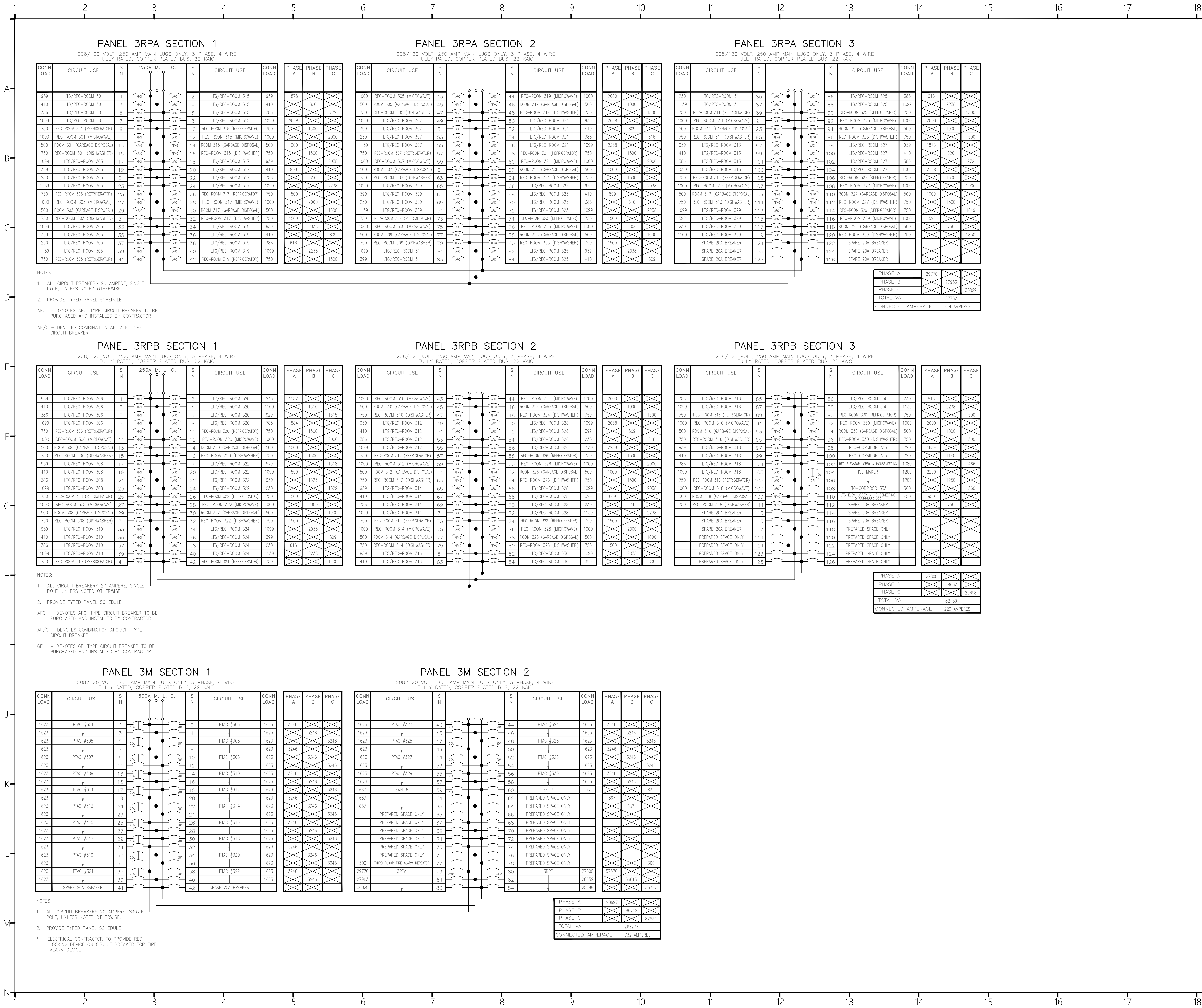
Client Logo:



Revisions:
A 10.16.2024 Issue For Permit
B 03.20.2025 100% Issue For Hilton
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Project Number: 23112
Phase: CD
Date: 04.22.2024
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E003.2
Sheet Title:
SECOND FLOOR
PANEL SCHEDULES



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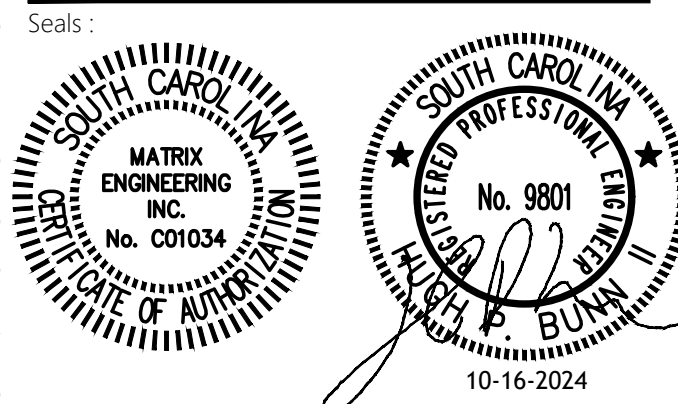
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GREENWOOD, SC 29649

Client Logo:



Revisions:
A 10.16.2024 Issue For Permit
B 03.20.2025 100% Issue For Hilton
C 06.11.2025 Owner revisions/corrections

Project Number: 23112
Phase: CD
Date: 04.22.2024
Drawn By: BY
Checked By: HPB
Sheet Number:

E003.3
Sheet Title:
THIRD FLOOR
PANEL SCHEDULES

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

PANEL 4RPA SECTION 1

208/120 VOLT, 250 AMP MAIN LUGS ONLY, 3 PHASE, 4 WIRE
FULLY RATED, COPPER PLATED BUS, 22 KAIC

CONN LOAD	CIRCUIT USE	S N	250A M. L. O.	S N	CIRCUIT USE	CONN LOAD	PHASE A	PHASE B	PHASE C
939	LTG/REC-ROOM 401	1	W/O	2	LTG/REC-ROOM 415	939	1878		
410	LTG/REC-ROOM 401	3	W/O	4	LTG/REC-ROOM 415	410		820	
386	LTG/REC-ROOM 401	5	W/O	6	LTG/REC-ROOM 415	386			772
1099	LTG/REC-ROOM 401	7	W/O	8	LTG/REC-ROOM 415	1099	2198		
750	REC-ROOM 401 (REFRIGERATOR)	9	W/O	10	REC-ROOM 415 (REFRIGERATOR)	750		1500	
1000	REC-ROOM 401 (MICROWAVE)	11	W/O	12	REC-ROOM 415 (MICROWAVE)	1000			2000
500	ROOM 401 (GARBAGE DISPOSAL)	13	W/R	14	ROOM 415 (GARBAGE DISPOSAL)	500	1000		
750	REC-ROOM 401 (DISHWASHER)	15	W/R	16	REC-ROOM 415 (DISHWASHER)	750		1500	
1099	LTG/REC-ROOM 403	17	W/O	18	LTG/REC-ROOM 417	939			2038
399	LTG/REC-ROOM 403	19	W/O	20	LTG/REC-ROOM 417	410	809		
230	LTG/REC-ROOM 403	21	W/O	22	LTG/REC-ROOM 417	386		616	
1139	LTG/REC-ROOM 403	23	W/O	24	LTG/REC-ROOM 417	1099			2238
750	REC-ROOM 403 (REFRIGERATOR)	25	W/O	26	REC-ROOM 417 (REFRIGERATOR)	750	1500		
1000	REC-ROOM 403 (MICROWAVE)	27	W/O	28	REC-ROOM 417 (MICROWAVE)	1000		2000	
500	ROOM 403 (GARBAGE DISPOSAL)	29	W/R	30	ROOM 417 (GARBAGE DISPOSAL)	500			1000
750	REC-ROOM 403 (DISHWASHER)	31	W/R	32	REC-ROOM 417 (DISHWASHER)	750	1500		
1099	LTG/REC-ROOM 405	33	W/O	34	LTG/REC-ROOM 419	939		2038	
399	LTG/REC-ROOM 405	35	W/O	36	LTG/REC-ROOM 419	410			809
230	LTG/REC-ROOM 405	37	W/O	38	LTG/REC-ROOM 419	386	616		
1139	LTG/REC-ROOM 405	39	W/O	40	LTG/REC-ROOM 419	1099			2238
750	REC-ROOM 405 (REFRIGERATOR)	41	W/O	42	REC-ROOM 419 (REFRIGERATOR)	750			1500

NOTES:

- ALL CIRCUIT BREAKERS 20 AMPERE, SINGLE POLE, UNLESS NOTED OTHERWISE.
- PROVIDE TYPED PANEL SCHEDULE

AF/O - DENOTES AFCI TYPE CIRCUIT BREAKER TO BE PURCHASED AND INSTALLED BY CONTRACTOR.

AF/G - DENOTES COMBINATION AFCI/GFI TYPE CIRCUIT BREAKER

PANEL 4RPB SECTION 1

208/120 VOLT, 250 AMP MAIN LUGS ONLY, 3 PHASE, 4 WIRE
FULLY RATED, COPPER PLATED BUS, 22 KAIC

CONN LOAD	CIRCUIT USE	S N	250A M. L. O.	S N	CIRCUIT USE	CONN LOAD	PHASE A	PHASE B	PHASE C
939	LTG/REC-ROOM 406	1	W/O	2	LTG/REC-ROOM 420	243	1182		
410	LTG/REC-ROOM 406	3	W/O	4	LTG/REC-ROOM 420	1100		1510	
386	LTG/REC-ROOM 406	5	W/O	6	LTG/REC-ROOM 420	929			1315
1099	LTG/REC-ROOM 406	7	W/O	8	LTG/REC-ROOM 420	785	1884		
750	REC-ROOM 406 (REFRIGERATOR)	9	W/O	10	REC-ROOM 420 (REFRIGERATOR)	750		1500	
1000	REC-ROOM 406 (MICROWAVE)	11	W/O	12	REC-ROOM 420 (MICROWAVE)	1000			2000
500	ROOM 406 (GARBAGE DISPOSAL)	13	W/R	14	ROOM 420 (GARBAGE DISPOSAL)	500	1000		
750	REC-ROOM 406 (DISHWASHER)	15	W/R	16	REC-ROOM 420 (DISHWASHER)	750		1500	
939	LTG/REC-ROOM 408	17	W/O	18	LTG/REC-ROOM 422	939			1878
410	LTG/REC-ROOM 408	19	W/O	20	LTG/REC-ROOM 422	410	820		
386	LTG/REC-ROOM 408	21	W/O	22	LTG/REC-ROOM 422	386		772	
1099	LTG/REC-ROOM 408	23	W/O	24	LTG/REC-ROOM 422	1099			2198
750	REC-ROOM 408 (REFRIGERATOR)	25	W/O	26	REC-ROOM 422 (REFRIGERATOR)	750	1500		
1000	REC-ROOM 408 (MICROWAVE)	27	W/O	28	REC-ROOM 422 (MICROWAVE)	1000		2000	
500	ROOM 408 (GARBAGE DISPOSAL)	29	W/R	30	ROOM 422 (GARBAGE DISPOSAL)	500			1000
750	REC-ROOM 408 (DISHWASHER)	31	W/R	32	REC-ROOM 422 (DISHWASHER)	750	1500		
939	LTG/REC-ROOM 410	33	W/O	34	LTG/REC-ROOM 424	1099		2038	
410	LTG/REC-ROOM 410	35	W/O	36	LTG/REC-ROOM 424	399			809
386	LTG/REC-ROOM 410	37	W/O	38	LTG/REC-ROOM 424	230	616		
1099	LTG/REC-ROOM 410	39	W/O	40	LTG/REC-ROOM 424	1139			2238
750	REC-ROOM 410 (REFRIGERATOR)	41	W/O	42	REC-ROOM 424 (REFRIGERATOR)	750			1500

NOTES:

- ALL CIRCUIT BREAKERS 20 AMPERE, SINGLE POLE, UNLESS NOTED OTHERWISE.
- PROVIDE TYPED PANEL SCHEDULE

AF/O - DENOTES AFCI TYPE CIRCUIT BREAKER TO BE PURCHASED AND INSTALLED BY CONTRACTOR.

AF/G - DENOTES COMBINATION AFCI/GFI TYPE CIRCUIT BREAKER

GFI - DENOTES GFI TYPE CIRCUIT BREAKER TO BE PURCHASED AND INSTALLED BY CONTRACTOR.

PANEL 4M SECTION 1

208/120 VOLT, 800 AMP MAIN LUGS ONLY, 3 PHASE, 4 WIRE
FULLY RATED, COPPER PLATED BUS, 22 KAIC

CONN LOAD	CIRCUIT USE	S N	800A M. L. O.	S N	CIRCUIT USE	CONN LOAD	PHASE A	PHASE B	PHASE C
1623	PTAC #401	1	2A	2	PTAC #403	1623	3246		
1623	PTAC #401	3	2A	4	PTAC #403	1623		3246	
1623	PTAC #405	5	2A	6	PTAC #406	1623	3246		3246
1623	PTAC #401	7	2A	8	PTAC #406	1623			
1623	PTAC #407	9	2A	10	PTAC #408	1623	3246		3246
1623	PTAC #401	11	2A	12	PTAC #408	1623			
1623	PTAC #409	13	2A	14	PTAC #410	1623	3246		3246
1623	PTAC #401	15	2A	16	PTAC #410	1623		3246	
1623	PTAC #411	17	2A	18	PTAC #412	1623	3246		3246
1623	PTAC #401	19	2A	20	PTAC #412	1623			
1623	PTAC #413	21	2A	22	PTAC #414	1623	3246		3246
1623	PTAC #401	23	2A	24	PTAC #414	1623		3246	
1623	PTAC #415	25	2A	26	PTAC #416	1623	3246		3246
1623	PTAC #401	27	2A	28	PTAC #416	1623		3246	
1623	PTAC #417	29	2A	30	PTAC #418	1623	3246		3246
1623	PTAC #401	31	2A	32	PTAC #418	1623			
1623	PTAC #419	33	2A	34	PTAC #420	1623	3246		3246
1623	PTAC #401	35	2A	36	PTAC #420	1623		3246	
1623	PTAC #421	37	2A	38	PTAC #422	1623	3246		3246
1623	PTAC #401	39	2A	40	PTAC #422	1623			
	SPARE 20A BREAKER	41			SPARE 20A BREAKER			3246	
		42							3246

NOTES:

- ALL CIRCUIT BREAKERS 20 AMPERE, SINGLE POLE, UNLESS NOTED OTHERWISE.
- PROVIDE TYPED PANEL SCHEDULE

* - ELECTRICAL CONTRACTOR TO PROVIDE RED LOCKING DEVICE ON CIRCUIT BREAKER FOR FIRE ALARM DEVICE

PANEL 4RPA SECTION 2

208/120 VOLT, 250 AMP MAIN LUGS ONLY, 3 PHASE, 4 WIRE
FULLY RATED, COPPER PLATED BUS, 22 KAIC

CONN LOAD	CIRCUIT USE	S N	250A M. L. O.	S N	CIRCUIT USE	CONN LOAD	PHASE A	PHASE B	PHASE C
1000	REC-ROOM 405 (MICROWAVE)	43	W/O	44	REC-ROOM 419 (MICROWAVE)	1000			
500	ROOM 405 (GARBAGE DISPOSAL)	45	W/R	46	ROOM 419 (GARBAGE DISPOSAL)	500			
750	REC-ROOM 405 (DISHWASHER)	47	W/R	48	REC-ROOM 419 (DISHWASHER)	750			1500
1099	LTG/REC-ROOM 407	49	W/O	50	LTG/REC-ROOM 421	939	2038		
399	LTG/REC-ROOM 407	51	W/O	52	LTG/REC-ROOM 421	410		809	
230	LTG/REC-ROOM 407	53	W/O	54	LTG/REC-ROOM 421	386			616
1139	LTG/REC-ROOM 407	55	W/O	56	LTG/REC-ROOM 421	1099			2238
750	REC-ROOM 407 (REFRIGERATOR)	57	W/O	58	REC-ROOM 421 (REFRIGERATOR)	750	1500		
1000	REC-ROOM 407 (MICROWAVE)	59	W/O	60	REC-ROOM 421 (MICROWAVE)	1000		2000	
500	ROOM 407 (GARBAGE DISPOSAL)	61	W/R	62	ROOM 421 (GARBAGE DISPOSAL)	500			1000
750	REC-ROOM 407 (DISHWASHER)	63	W/R	64	REC-ROOM 421 (DISHWASHER)	750	1500		
1099	LTG/REC-ROOM 409	65	W/O	66	LTG/REC-ROOM 423	939			2038
399	LTG/REC-ROOM 409	67	W/O	68	LTG/REC-ROOM 423	410	809		
230	LTG/REC-ROOM 409	69	W/O	70	LTG/REC-ROOM 423	386		616	
1139	LTG/REC-ROOM 409	71	W/O	72	LTG/REC-ROOM 423	1099			2238
750	REC-ROOM 409 (REFRIGERATOR)	73	W/O	74	REC-ROOM 423 (REFRIGERATOR)	750	1500		
1000	REC-ROOM 409 (MICROWAVE)	75	W/O	76	REC-ROOM 423 (MICROWAVE)	1000		2000	
500	ROOM 409 (GARBAGE DISPOSAL)	77	W/R	78	ROOM 423 (GARBAGE DISPOSAL)	500			1000
750	REC-ROOM 409 (DISHWASHER)	79	W/R	80	REC-ROOM 423 (DISHWASHER)	750	1500		
1099	LTG/REC-ROOM 411	81	W/O	82	LTG/REC-ROOM 425	939			2038
		83	W/O	84	LTG/REC-ROOM 425	410			809

NOTES:

- ALL CIRCUIT BREAKERS 20 AMPERE, SINGLE POLE, UNLESS NOTED OTHERWISE.
- PROVIDE TYPED PANEL SCHEDULE

AF/O - DENOTES AFCI TYPE CIRCUIT BREAKER TO BE PURCHASED AND INSTALLED BY CONTRACTOR.

AF/G - DENOTES COMBINATION AFCI/GFI TYPE CIRCUIT BREAKER

PANEL 4RPB SECTION 2

208/120 VOLT, 250 AMP MAIN LUGS ONLY, 3 PHASE, 4 WIRE
FULLY RATED, COPPER PLATED BUS, 22 KAIC

CONN LOAD	CIRCUIT USE	S N	250A M. L. O.	S N	CIRCUIT USE	CONN LOAD	PHASE A	PHASE B	PHASE C
1000	REC-ROOM 410 (MICROWAVE)	85	W/O	86	REC-ROOM 424 (MICROWAVE)	1000			
500	ROOM 410 (GARBAGE DISPOSAL)	87	W/R	88	ROOM 424 (GARBAGE DISPOSAL)	500			
750	REC-ROOM 410 (DISHWASHER)	89	W/R	90	REC-ROOM 424 (DISHWASHER)	750			1500
939	LTG/REC-ROOM 412	91	W/O	92	LTG/REC-ROOM 426	1099	2038		
410	LTG/REC-ROOM 412	93	W/O	94	LTG/REC-ROOM 426	399		809	
386	LTG/REC-ROOM 412	95	W/O	96	LTG/REC-ROOM 426	230			616
1099	LTG/REC-ROOM 412	97	W/O	98	LTG/REC-ROOM 426	1139			2238
750	REC-ROOM 412 (REFRIGERATOR)	99	W/O	100	REC-ROOM 426 (REFRIGERATOR)	750	1500		
1000	REC-ROOM 412 (MICROWAVE)	101	W/O	102	REC-ROOM 426 (MICROWAVE)	1000		2000	
500	ROOM 412 (GARBAGE DISPOSAL)	103	W/R	104	ROOM 426 (GARBAGE DISPOSAL)	500			1000
750	REC-ROOM 412 (DISHWASHER)	105	W/R	106	REC-ROOM 426 (DISHWASHER)	750	1500		
939	LTG/REC-ROOM 414	107	W/O	108	LTG/REC-ROOM 428	1099			2038
410	LTG/REC-ROOM 414	109	W/O	110	LTG/REC-ROOM 428	399	809		
386	LTG/REC-ROOM 414	111	W/O	112	LTG/REC-ROOM 428	230		616	
1099	LTG/REC-ROOM 414	113	W/O	114	LTG/REC-ROOM 428	1139			2238
750	REC-ROOM 414 (REFRIGERATOR)	115	W/O	116	REC-ROOM 428 (REFRIGERATOR)	750	1500		
1000	REC-ROOM 414 (MICROWAVE)	117	W/O	118	REC-ROOM 428 (MICROWAVE)	1000		2000	
500	ROOM 414 (GARBAGE DISPOSAL)	119	W/R	120	ROOM 428 (GARBAGE DISPOSAL)	500			1000
750	REC-ROOM 414 (DISHWASHER)	121	W/R	122	REC-ROOM 428 (DISHWASHER)	750	1500		
939	LTG/REC-ROOM 416	123	W/O	124	LTG/REC-ROOM 430	1099			2038
410	LTG/REC-ROOM 416	125	W/O	126	LTG/REC-ROOM 430	399			809

NOTES:

- ALL CIRCUIT BREAKERS 20 AMPERE, SINGLE POLE, UNLESS NOTED OTHERWISE.
- PROVIDE TYPED PANEL SCHEDULE

AF/O - DENOTES AFCI TYPE CIRCUIT BREAKER TO BE PURCHASED AND INSTALLED BY CONTRACTOR.

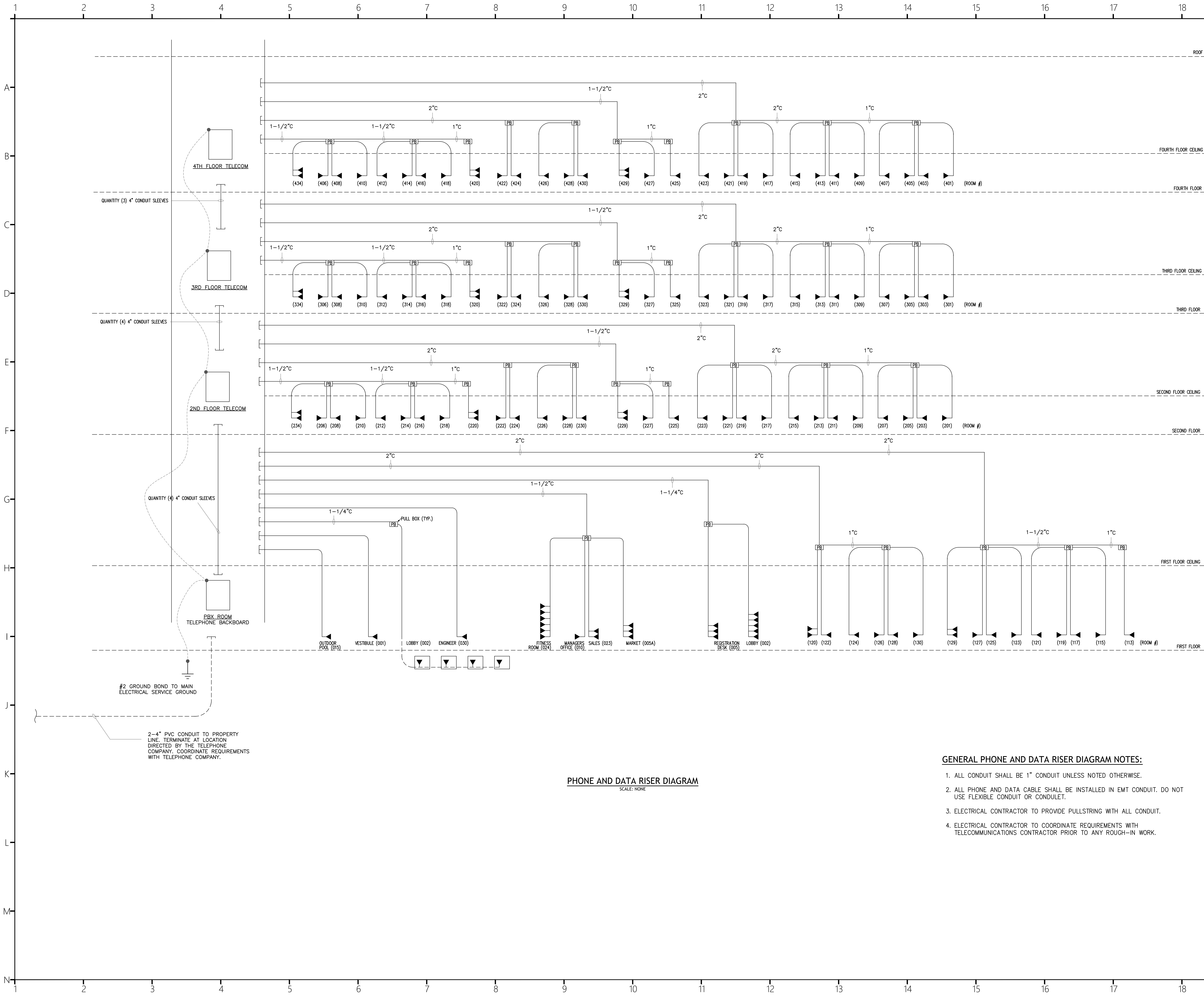
AF/G - DENOTES COMBINATION AFCI/GFI TYPE CIRCUIT BREAKER

GFI - DENOTES GFI TYPE CIRCUIT BREAKER TO BE PURCHASED AND INSTALLED BY CONTRACTOR.

PANEL 4M SECTION 2

208/120 VOLT, 800 AMP MAIN LUGS ONLY, 3 PHASE, 4 WIRE
FULLY RATED, COPPER PLATED BUS, 22 KAIC

CONN LOAD	CIRCUIT USE	S N		S N	CIRCUIT USE	CONN LOAD	PHASE A	PHASE B	PHASE C
1623	PTAC #423	43		44	PTAC #424	1623	3246		
1623		45		46		1623		3246	
1623	PTAC #425	47		48	PTAC #426	1623	3246		3246
1623		49		50		1623			
1623	PTAC #427	51		52	PTAC #428	1623		3246	
1623		53		54		1623			3248
1623	PTAC #429	55		56	PTAC #430	1623	3246		
1623		57		58		1623		3246	
1332	HP-8 & 400-8	59		60	ET-8	172			1504
1332		61		92	PANEL UPS-1	224	3358		
	PREPARED SPACE ONLY	63		94		1518		1518	
	PREPARED SPACE ONLY	64		66	PREPARED SPACE ONLY				
	PREPARED SPACE ONLY	67		68	PREPARED SPACE ONLY				
	PREPARED SPACE ONLY	69		70	EXTERIOR SIGN	500		1006	
300	LIGHTING CONDUCTOR LC2	71		72	EXTERIOR SIGN	500			500
300	FOURTH FLOOR FIRE ALARM REPEATER	73	74	REC-HYAC MAINTENANCE	360	660			
	PREPARED SPACE ONLY	75	76	LTC-BEACON TAPE LTG(ROOF)	384		384		
	PREPARED SPACE ONLY	77	78	TG-BEACON TAPE LTG (FRONT	312			312	
29870	4RPA	79	80	4RBP	2711	56981			
27963		81	82		28089		56052		
30029		83	84		26922		56955		



PHONE AND DATA RISER DIAGRAM
SCALE: NONE

GENERAL PHONE AND DATA RISER DIAGRAM NOTES:

1. ALL CONDUIT SHALL BE 1" CONDUIT UNLESS NOTED OTHERWISE.
2. ALL PHONE AND DATA CABLE SHALL BE INSTALLED IN EMT CONDUIT. DO NOT USE FLEXIBLE CONDUIT OR CONDULET.
3. ELECTRICAL CONTRACTOR TO PROVIDE PULLSTRING WITH ALL CONDUIT.
4. ELECTRICAL CONTRACTOR TO COORDINATE REQUIREMENTS WITH TELECOMMUNICATIONS CONTRACTOR PRIOR TO ANY ROUGH-IN WORK.



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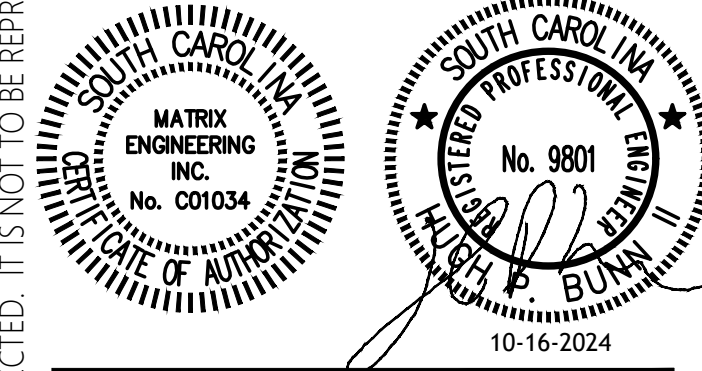


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**HOME 2 SUITES
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475 HOSPITALITY BLVD,
GREENWOOD, SC 29649

Client Logo:



Seals:



Revisions:
A 10.16.2024 Issue For Permit
B 03.20.2025 100% Issue For Hilton
C 06.11.2025 Owner revisions/corrections

Project Number: 23112
Phase: CD
Date: 04.22.2024
Drawn By: BY
Checked By: HPB

Sheet Number:

E005

Sheet Title:
LOW VOLTAGE RISER

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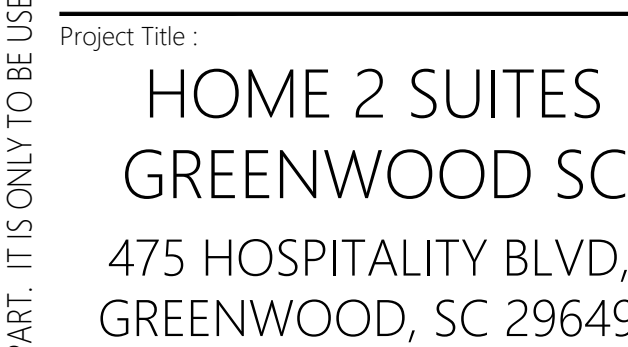
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MECHANICAL

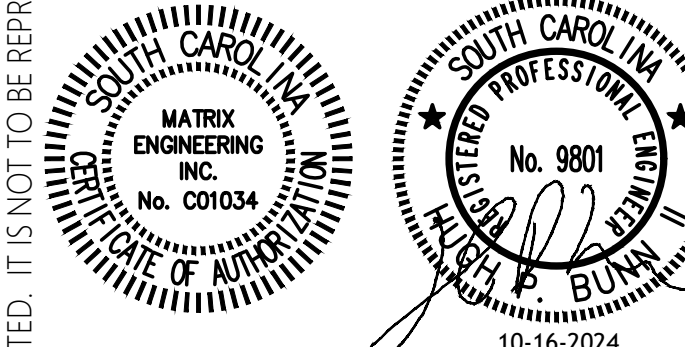
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Project Number: _____

2311

CD

Date : 04.22.2024

Drawn
RV

Check

HPV

Sheet Number:
50

E006

Sheet Title :

LIGHTING DETAILS



EXTERIOR LIGHTING CONTROLLER NOTES:

1. EXTERIOR LIGHTING CONTROLLER IS TO BE NEMA 3 ENCLOSURE, SIZE AS REQUIRED, PROVIDE ENGRAVED NAMEPLATE ON DOOR.
2. H-0-A SWITCH IS TO BE ALLEN BRADLEY CAT. NO. 800H-RH3A OIL TIGHT TYPE OR APPROVED EQUAL. MOUNT SWITCH ON DOOR AND PROVIDE NAMEPLATE ENGRAVED AS SHOWN.
3. CONTACTOR TO BE SQUARE D 8903 TYPE LH ELECTRICALLY HEED LIGHTING CONTACTOR OR APPROVED EQUAL. CONTACTS ARE TO BE 30A CONTINUOUS RATED, QUANTITY AS INDICATED.
4. TIMECLOCK TO BE INTERMATIC QM40V OR APPROVED EQUAL. COORDINATE WITH OWNER FOR MOUNTING LOCATION.
5. PHOTOCELL TO BE TORK PHOTOCONTROL PART #2000-1 OR APPROVED EQUAL.
6. PROVIDE APPROPRIATE NUMBER OF POLES FOR LIGHTING PLUS (3) THREE SPARES.



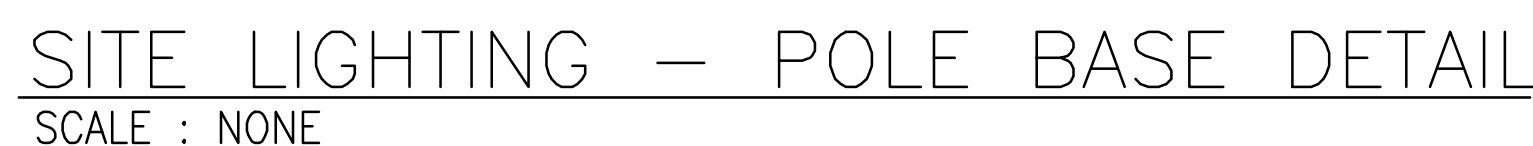
EXTERIOR LIGHTING CONTROLLER NOTES:

1. EXTERIOR LIGHTING CONTROLLER IS TO BE NEMA 3 ENCLOSURE, SIZED AS REQUIRED. PROVIDE ENGRAVED NAMEPLATE ON DOOR.
2. H-0-A SWITCH IS TO BE ALLEN BRADLEY CAT. NO. 809H-R15A OL TIGHT TYPE OR APPROVED EQUAL. MOUNT SWITCH ON DOOR AND PROVIDE NAMEPLATE ENGRAVED AS SHOWN.
3. CONTACTOR TO BE SQUARE D 8903 TYPE 1H ELECTRICALLY HEAVY LIGHTING CONTACTOR OR APPROVED EQUAL. CONTACTS ARE TO BE 30A CONTINUOUS RATED, QUANTITY AS INDICATED.
4. TIMELOCK TO BE INTERMATIC QM40G OR APPROVED EQUAL. COORDINATE WITH OWNER FOR MOUNTING LOCATION.
5. PHOTOCELL TO BE TORK PHOTOCONTROL PART #2000-1 OR APPROVED EQUAL.
6. PROVIDE APPROPRIATE NUMBER OF POLES FOR LIGHTING PLUS (3) THREE SPARES.



NOTES:

1. DO NOT ATTEMPT TO POWER MORE THAN 4 DEVICES, BE IT SENSORS OR SLAVE PACKS, FROM A SINGLE POWER PACK.
2. LOW VOLTAGE WIRE TO BE 18AWG.



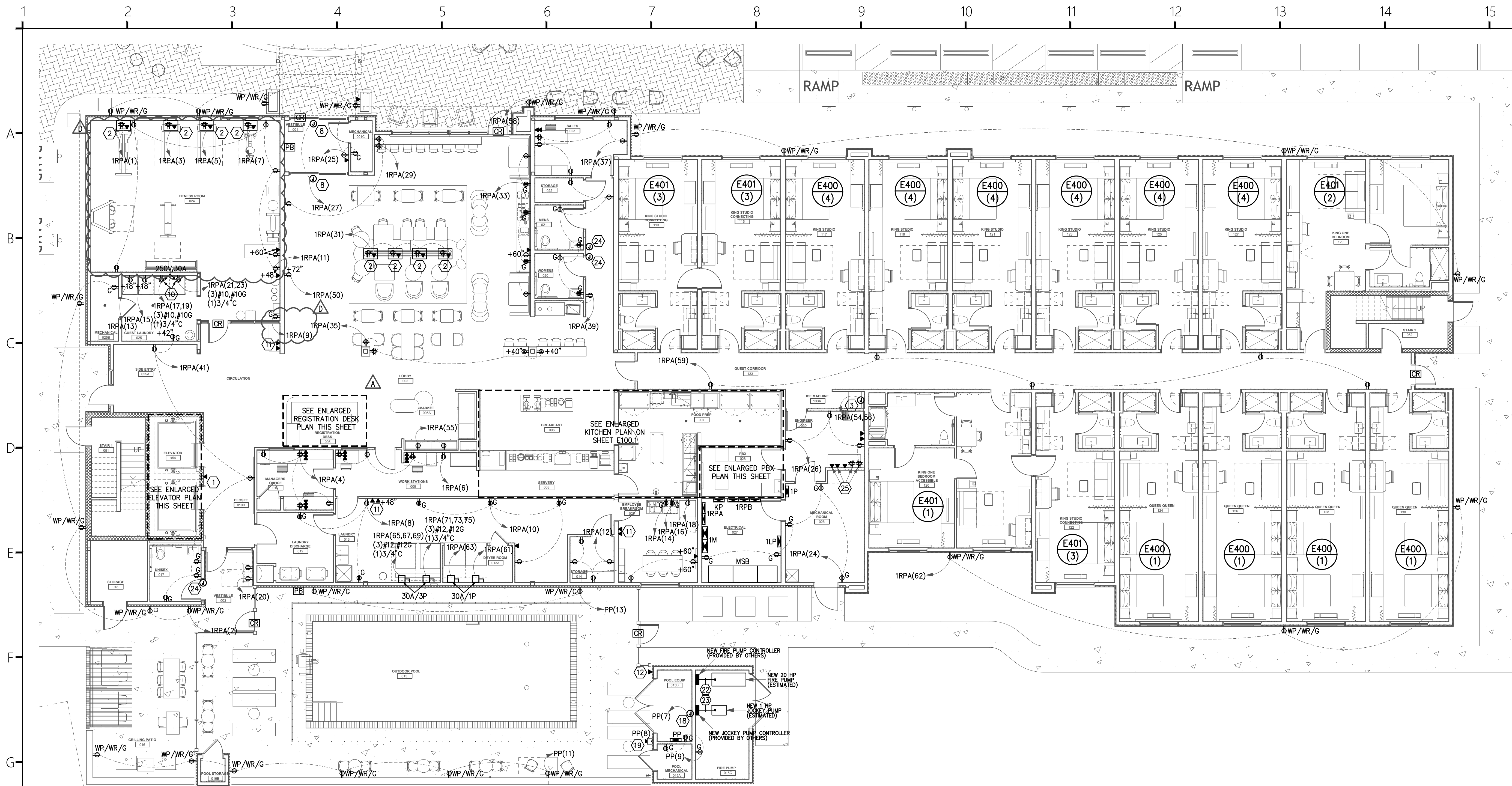
NOTE: ELECTRICAL CONTRACTOR SHALL COORDINATE POLE
SIZE BOLT TEMPLATE PRIOR TO FORMING BASE.

DETAIL IS FOR PRICING AND TO SHOW INTENT ONLY. ELECTRICAL CONTRACTOR SHALL CONFIRM DIAMETER AND DEPTH OF BASE TO WITHSTAND MAXIMUM SUSTAINABLE WIND LOADS.



NOTES:

1. DO NOT ATTEMPT TO POWER MORE THAN 4 DEVICES, BE IT SENSORS OR SLAVE PACKS, FROM A SINGLE POWER PACK.
2. LOW VOLTAGE WIRE TO BE 18AWG.



GROUND FLOOR POWER PLAN

SCALE: 1/8" = 1'-0"

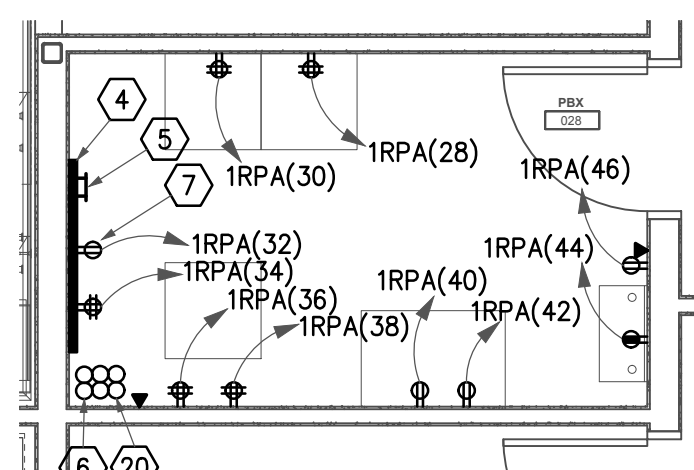
POOL NOTES:

- ELECTRICAL CONTRACTOR TO PROVIDE EQUIPOTENTIAL BONDING TO REDUCE VOLTAGE GRADIENTS IN THE POOL AREAS IN ACCORDANCE WITH ARTICLE 680.26 OF THE NATIONAL ELECTRICAL CODE.
- PARTS ASSOCIATED WITH THE POOL TO BE BONDED INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:
 - CONDUCTIVE POOL SHELLS (COMMON BONDING POINT)
 - PERIMETER SURFACES (REBAR 3 FEET HORIZONTALLY BEYOND THE INSIDE WALL OF THE POOL)
 - METALLIC COMPONENTS (ALL METAL PARTS OF THE POOL STRUCTURE ie. STAIRS, LADDERS, BRACKETS, ETC.)
 - UNDERWATER LIGHTING
 - METAL FITTINGS (ALL METAL FITTINGS WITHIN OR ATTACHED TO THE POOL STRUCTURE)
 - ELECTRICAL EQUIPMENT (ALL ELECTRICAL EQUIPMENT ASSOCIATED WITH POOL WATER CIRCULATING SYSTEMS ie. PUMPS, MOTORS)
 - METAL WIRING METHODS AND EQUIPMENT (ALL CONDUIT, PIPING)
- SEE NEC ARTICLE 680.26 FOR DETAILS.
THIS DRAWING DOES NOT INDICATE ALL NECESSARY BONDING POINTS.
- USE POOL SHELL STRUCTURAL REINFORCING STEEL AS A COMMON BONDING POINT TO WHICH ALL METAL PARTS ASSOCIATED WITH THE POOL ARE CONNECTED.
- ACCEPTABLE BONDING CONNECTIONS SHALL BE EXOTHERMIC WELDING (REBAR CONNECTIONS) AND CLAMPS SPECIFICALLY LISTED FOR THE PURPOSE.
- ELECTRICAL CONNECTIONS AND COMPONENTS IN THE POOL AREAS AND ASSOCIATED EQUIPMENT ROOMS SHALL BE SUITABLE FOR HIGHLY CORROSIVE WET ENVIRONMENTS. BOXES AND ENCLOSURES IN THESE AREAS SHALL BE NEMA 4X RATED. CONDUIT SHALL BE GALVANIZED RIGID IN ALL ABOVE MENTIONED AREAS WITH THE EXCEPTION OF THE POOL EQUIPMENT ROOM AND THE CHEMICAL STORAGE ROOM WHICH SHALL HAVE PVC COATED RIGID CONDUIT AND FITTINGS. FASTENERS IN AREAS MENTIONED ABOVE SHALL BE STAINLESS STEEL. COORDINATE WITH GENERAL CONTRACTOR TO ENSURE ALL PENETRATIONS INTO METAL OR CONCRETE ARE SEALED TO PREVENT CORROSION.
- THE BONDING CONDUCTOR SHALL BE SOLID COPPER CONDUCTORS, INSULATED COVERED, OR BARE NOT SMALLER THAN #8 AWG.
- BOND TOGETHER ALL ELECTRICAL COMPONENTS, CONDUITS, AND PIPING (ALL METAL PARTS) ASSOCIATED WITH THE WATER/HEAT CIRCULATING SYSTEM IN THE POOL EQUIPMENT ROOM AND CHEMICAL STORAGE ROOM.
- COORDINATE ALL ELECTRICAL ASSOCIATED WITH THE POOL WITH THE POOL CONTRACTOR.
- CONNECT UNDERWATER WET NICHE LIGHTING FIXTURES. WET NICHE FIXTURES WILL BE FURNISHED AND INSTALLED BY THE POOL CONTRACTOR. WET NICHE FIXTURES SHALL BE 500 WATTS MAXIMUM EACH. FIXTURES SHALL BE CONNECTED TO A GROUND FAULT INTERRUPTER (GFI) CIRCUIT. CONNECT THROUGH LOW VOLTAGE TRANSFORMER.
- AREA LIGHTING AROUND THE POOL SHALL BE CONNECTED TO GROUND FAULT CIRCUIT INTERRUPTER (GFCI) CIRCUITS.
- DUPLEX RECEPTACLES AROUND THE POOL SHALL BE GFCI TYPE OR PROTECTED BY GFI CIRCUIT BREAKER. RECEPTACLE SHALL BE WEATHER PROTECTED. RECEPTACLES SHALL BE LOCATED AT LEAST 10'-0" FROM THE INSIDE OF THE POOL WALL.
- PROVIDE EMERGENCY SHUT-OFF BUTTON FOR POOL PUMP MOTORS. BUTTON SHALL OPERATE SHUNT TRIP OF BREAKERS FEEDING PUMP MOTOR CIRCUIT.

- CR** DENOTES CARD READER AT THIS LOCATION. PROVIDE 2-GANG BOX AND 3/4" CONDUIT STUBBED UP TO ACCESSIBLE SPACE ABOVE CEILING FOR CONNECTION. CONNECTION TO BE BY OWNER'S VENDOR. SEE DETAIL ON SHEET E001 FOR ADDITIONAL INFORMATION.
- PB** DENOTES PUSH BUTTON INTERCOM OR HOUSE PHONE (OPTIONAL VIDEO MONITORING) AT THIS LOCATION. PROVIDE A SINGLE GANG BOX AND 3/4" CONDUIT STUBBED UP TO ACCESSIBLE SPACE ABOVE CEILING FOR CONNECTION. CONNECTION TO BE BY OWNER'S VENDOR.

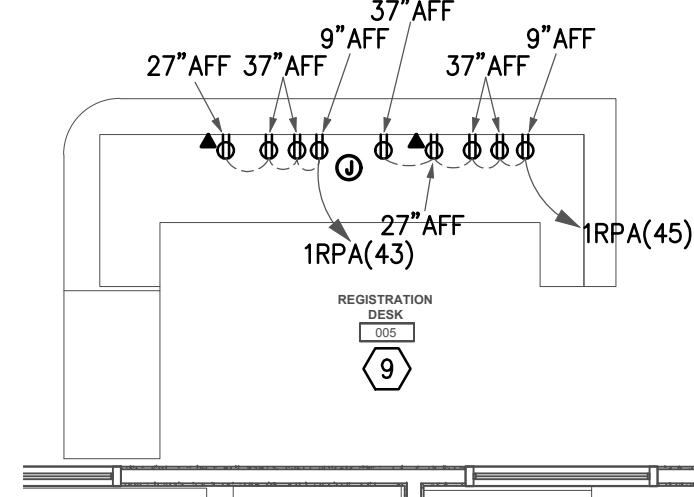
PANEL 1RPA BRANCH CIRCUITS

ROOM	LTG/REC	REFRIGERATOR	MICROWAVE	GARBAGE DISPOSAL	DISHWASHER
113	(1),(3),(5),(7)	(9)	(11)	(13)	(15)
115	(17),(19),(21),(23)	(25)	(27)	(29)	(31)
117	(33),(35),(37),(39)	(41)	(43)	(45)	(47)
119	(49),(51),(53),(55)	(57)	(59)	(61)	(63)
121	(65),(67),(69),(71)	(73)	(75)	(77)	(79)
123	(81),(83),(85),(87)	(89)	(91)	(93)	(95)
125	(97),(99),(101),(103)	(105)	(107)	(109)	(111)
127	(2),(4),(6),(8)	(10)	(12)	(14)	(16)
129	(18),(20),(22),(24)	(26)	(28)	(30)	(32)
120	(34),(36),(38),(40)	(42)	(44)	(46)	(48)
122	(50),(52),(54),(56)	(58)	(60)	(62)	(64)
124	(66),(68),(70),(72)	(74)	(76)	(78)	(80)
126	(82),(84),(86),(88)	(90)	(92)	(94)	(96)
128	(98),(100),(102),(104)	(106)	(108)	(110)	(112)
130	(113),(115),(117),(119)	(114)	(116)	(118)	(120)



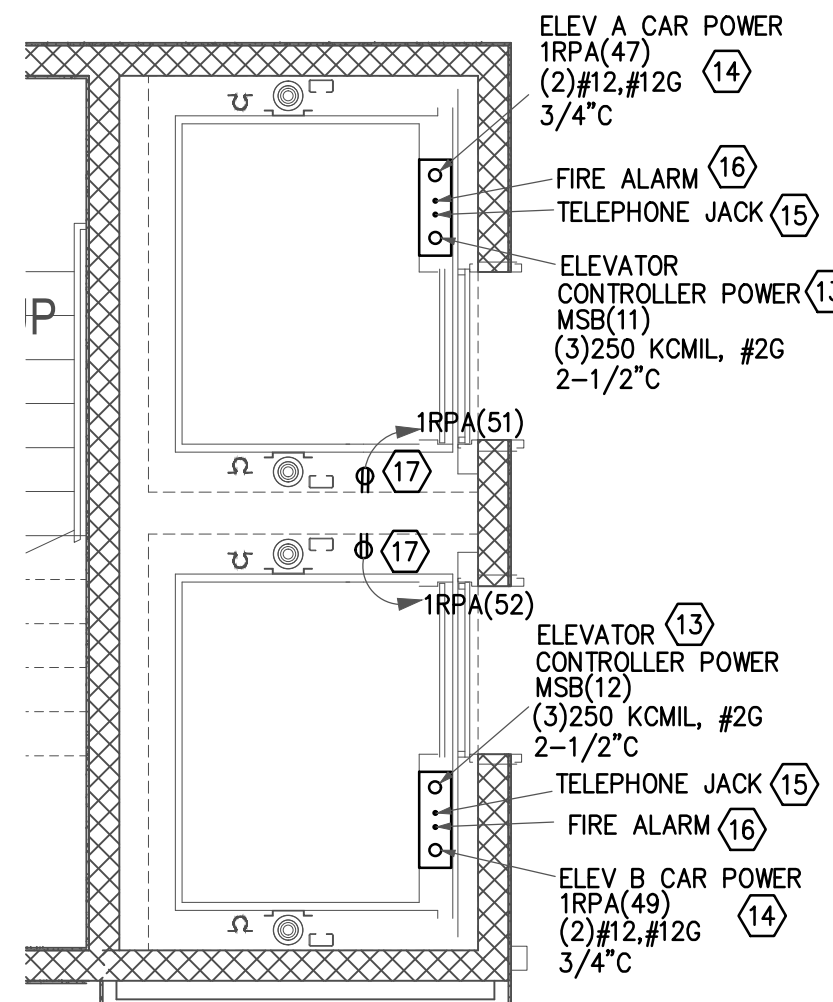
ENLARGED PBX POWER PLAN

SCALE: 1/4" = 1'-0"



ENLARGED REGISTRATION DESK POWER PLAN

SCALE: 1/4" = 1'-0"



ENLARGED ELEVATOR POWER PLAN

SCALE: 1/4" = 1'-0"

GENERAL GROUND FLOOR POWER PLAN NOTES:

- PROVIDE UL LISTED FIRESTOP ASSEMBLY FOR ALL DEVICES INSTALLED IN FIREWALLS.
- COORDINATE ALL ELECTRICAL WORK WITH GENERAL CONTRACTOR AND OTHER TRADES ON SITE BEFORE INSTALLATION.
- ALL RECEPTACLES INSTALLED IN COMMON AREAS SHALL BE TAMPER PROOF PER NEC 406-12.
- RECEPTACLES WHICH ARE BACK-TO-BACK ON A COMMON WALL SHALL BE OFFSET 6" MINIMUM TO AVOID SOUND TRANSMISSION.
- ELECTRICAL CONTRACTOR TO PROVIDE ALL ELECTRICAL CONNECTIONS REQUIRED FOR THE POOL EQUIPMENT. COORDINATE WITH GENERAL CONTRACTOR/OWNER AS REQUIRED. ELECTRICAL CONTRACTOR TO PROVIDE ALL GROUNDING AND BONDING FOR POOL AND POOL EQUIPMENT ROOM PER NEC 680.

KEYED GROUND FLOOR POWER PLAN NOTES:

- DENOTES APPROXIMATE LOCATION OF ELEVATOR PHONE JACK. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.
- DENOTES FLUSH MOUNTED FLOOR BOX DEVICE WITH RECEPTACLE, DATA CONNECTION, AND ETHERNET OUTLET. PURCHASE AND INSTALL LEGRAND WIREMOLD SERIES EFB45S OR EQUAL. COORDINATE EXACT REQUIREMENTS WITH FITNESS ROOM EQUIPMENT REQUIREMENTS.
- DENOTES APPROXIMATE LOCATION OF COMMERCIAL ICE MAKER. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT CUTSHEET PRIOR TO INSTALLATION.
- PROVIDE TELEPHONE BACKBOARD AT THIS LOCATION. BACKBOARD TO BE PREMIUM GRADE 8'X4' SHEET OF PLYWOOD FREE FROM ANY WARPING AND OTHER DEFECTS. PLYWOOD SHALL BE PAINTED NO ALL SIX SIDES WITH GRAY FIRE RETARDANT PAINT. ORIENT BACKBOARD WITH 8"-0" DIMENSION VERTICAL, STARTING AT 12" AFF. COORDINATE EXACT REQUIREMENTS WITH GENERAL CONTRACTOR/OWNER PRIOR TO INSTALLATION.
- TELEPHONE GROUNDING BUS IN PBX ROOM. GROUND BAR TO BE 1/4"x1/4"x18" 98% CONDUCTIVE COPPER INSTALLED ON 600 VOLT PORCELAIN INSULATOR MOUNTED AT 18" AFF. CONNECT TO BUILDING GROUNDING SYSTEM.
- ELECTRICAL CONTRACTOR TO STUB UP QUANTITY (2)4" CONDUIT WITH PULL STRING FROM SERVICE ENTRANCE LOCATION TO PBX ROOM AS SHOWN. FOR COST ESTIMATING PURPOSES ASSUME 100 LINEAR FEET. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH UTILITY COMPANY/OWNER. SEE SHEET E700 FOR MORE INFORMATION.
- DENOTES 120V, 15 AMPERE TWIST LOCK RECEPTACLE PROVIDED BY ELECTRICAL CONTRACTOR.
- DENOTES JUNCTION BOX FOR AUTOMATIC DOOR OPENER MOTOR. MOUNT JUNCTION BOX ABOVE DOOR. COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH INSTALLATION DRAWINGS PRIOR TO INSTALLATION.
- ELECTRICAL CONTRACTOR TO COORDINATE EXACT MOUNTING HEIGHT AND LOCATION OF DEVICES WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
- DENOTES RECEPTACLE MOUNTED 18" AFF FOR DRYER. COORDINATE EXACT NEMA CONFIGURATION WITH EQUIPMENT PRIOR TO PURCHASING AND INSTALLING.
- DENOTES DATA TO BE MOUNTED 48" AFF FOR HOUSE PHONE.
- DENOTES TELEPHONE OUTLET MOUNTED 48" A.F.F.
- DENOTES ELEVATOR CONTROLLER POWER. CIRCUIT BREAKER AND WIRE SIZES ARE ESTIMATED UNTIL INSTALLATION. DOCUMENTATION IS PROVIDED AFTER CONTRACTUAL PURCHASING AGREEMENT.
- DENOTES 15 AMP, 1 PHASE CIRCUIT FOR ELEVATOR CAR LIGHTING AND ACCESSORIES.
- PROVIDE (1) DEDICATED OUTSIDE TELEPHONE LINE. CONNECT TO ELEVATOR CONTROLLER.
- DENOTES CONNECTION FOR FIRE ALARM COMPONENTS SERVING ELEVATOR. SEE FIRE ALARM DRAWINGS.
- DENOTES ELEVATOR PIT MAINTENANCE RECEPTACLE.
- DENOTES JUNCTION BOX FOR MASTERTEMP POOL AND SPA HEATER. COORDINATE WITH MASTERTEMP SHOP DRAWINGS PRIOR TO INSTALLING.
- DENOTES POOL PUMPS EMERGENCY STOP PUSH BUTTON TO DE-ENERGIZE POOL PUMP EQUIPMENT. RUN CIRCUIT THROUGH E-STOP PUSHBUTTON TO SHUNT TRIP BREAKER FEEDING FILTRATION PUMP. PROVIDE RED MAINTAINED MUSHROOM HEAD TYPE PUSH-PULL BUTTON. PROVIDE NAMEPLATE CLEARLY LABELED WITH A MINIMUM 4 INCH HIGH RED LETTERS ON A WHITE BACKGROUND THAT STATES "POOL EMERGENCY CUT-OFF SWITCH." MOUNT SWITCH AT 48 INCHES ABOVE POOL DECK TO TOP OF DEVICE BOX. COORDINATE WITH POOL CONTRACTOR PRIOR TO INSTALLING.
- ELECTRICAL CONTRACTOR TO STUB UP QUANTITY (4)4" CONDUIT WITH PULL STRING INTO SECOND FLOOR HOUSEKEEPING FOR INTERCONNECTIVITY.
- DELETED.
- SEE SHEET E002 FOR FIRE PUMP WIRING INFORMATION.
- SEE SHEET E002 FOR JOCKEY PUMP WIRING INFORMATION.
- DENOTES JUNCTION BOX MOUNTED ABOVE CEILING TO SUPPLY 120V POWER TO POWER SUPPLIES UTILIZED FOR ELECTRONIC AUTO-FLUSH TOILETS, URINALS, AND FAUCETS. COORDINATE EXACT QUANTITIES AND LOCATIONS WITH PLUMBING CONTRACTOR. 120V WIRING BY ELECTRICAL CONTRACTOR. LOW VOLTAGE WIRING TO BE DONE BY PLUMBING CONTRACTOR. WIRE TO PANEL 1RPA CIRCUIT 64 WITH (2)#12 AWG, #12G IN 3/4" CONDUIT.
- DENOTES RECEPTACLE/DATA TO BE MOUNTED ABOVE COUNTER. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION PRIOR TO INSTALLING.



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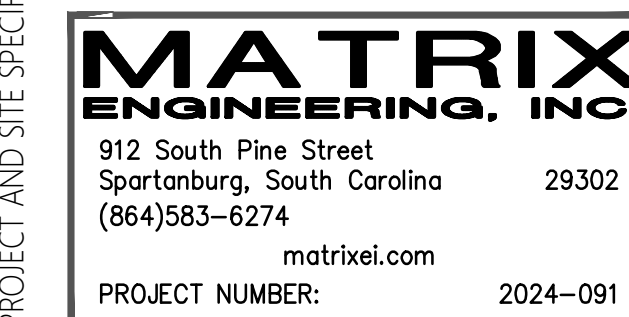
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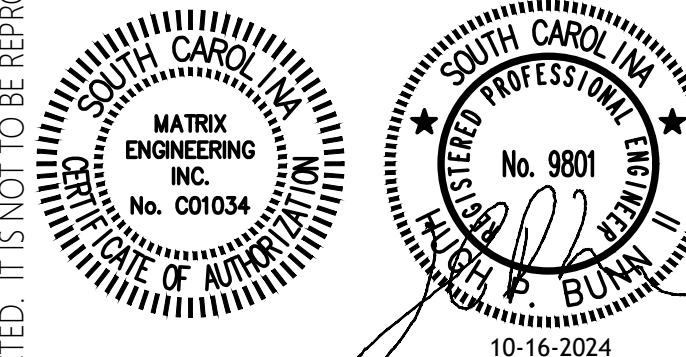


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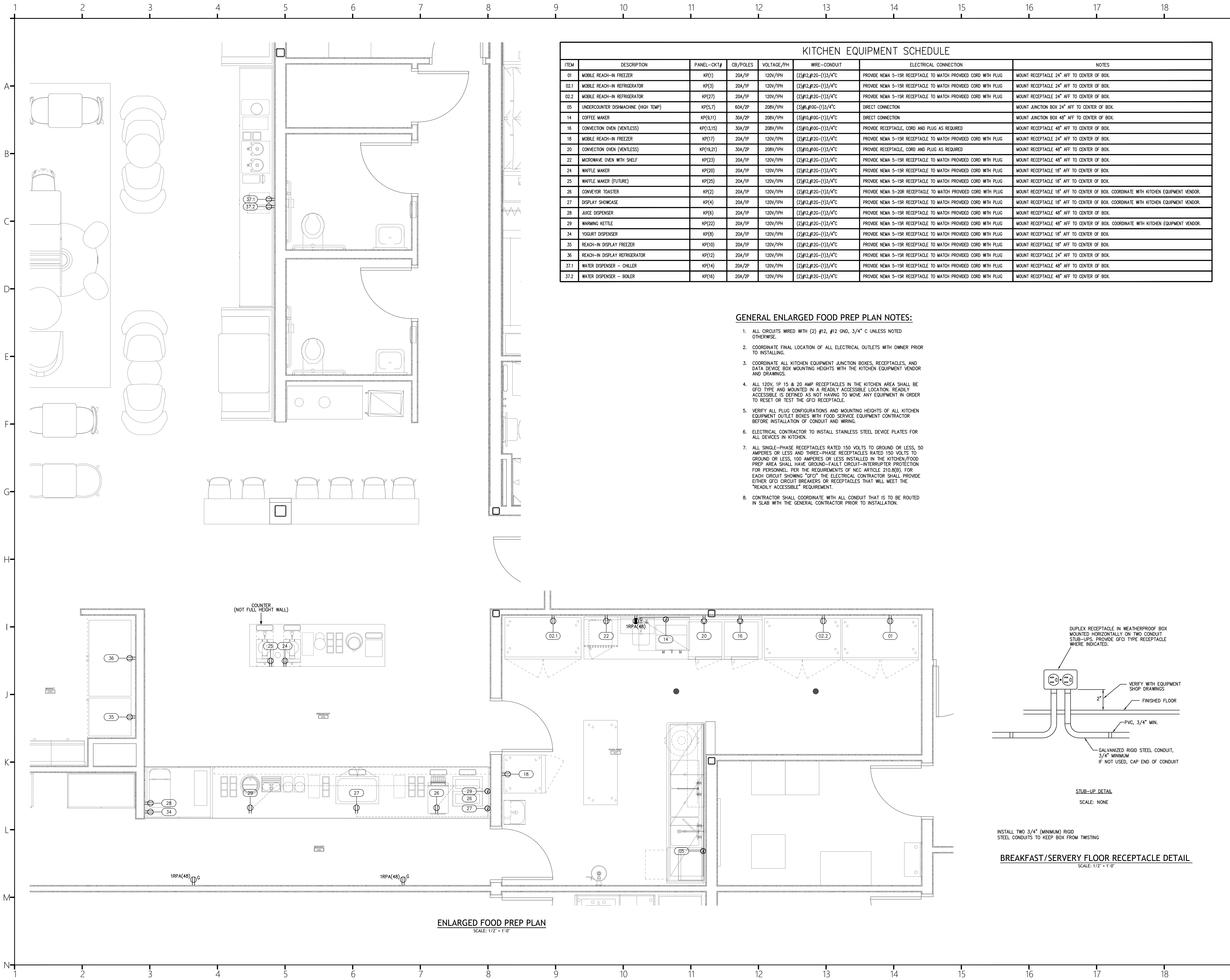


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D 07.18.2025 Power Coordination
E 09.08.2025 Client Comments

Project Number: 23112
Phase: CD
Date: 04.22.2024
Drawn By: BY
Checked By: HPB
Sheet Number:

E100

Sheet Title:
**GROUND FLOOR
POWER PLAN**

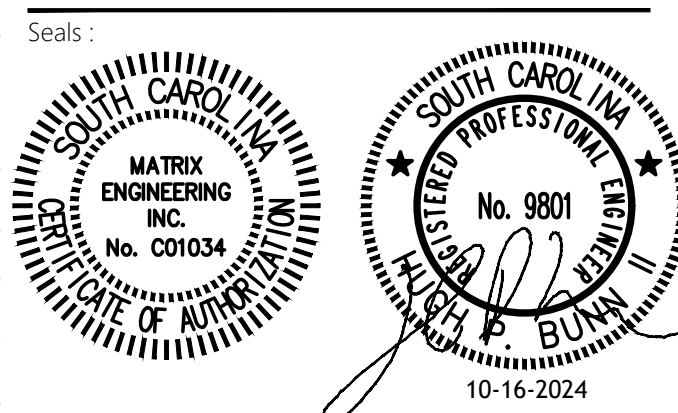


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864.583.6274



Project Title:
**HOME 2 SUITES
GREENWOOD SC**
475 HOSPITALITY BLVD,
GREENWOOD, SC 29649



Revisions:
A 10.16.2024 Issue For Permit
B 03.20.2025 100% Issue For Hilton
C 06.11.2025 Owner revisions/corrections

Project Number: 23112
Phase: CD
Date: 04.22.2024
Drawn By: BY
Checked By: HPB
Sheet Number:
E100.1
Sheet Title:
**ENLARGED FOOD
PREP PLAN**



PANEL 2RPA BRANCH CIRCUITS					
ROOM	LTG/REC	REFRIGERATOR	MICROWAVE	GARBAGE DISPOSAL	DISHWASHER
201	(1),(3),(5),(7)	(9)	(11)	(13)	(15)
203	(17),(19),(21),(23)	(25)	(27)	(29)	(31)
205	(33),(35),(37),(39)	(41)	(43)	(45)	(47)
207	(49),(51),(53),(55)	(57)	(59)	(61)	(63)
209	(65),(67),(69),(71)	(73)	(75)	(77)	(79)
211	(81),(83),(85),(87)	(89)	(91)	(93)	(95)
213	(97),(99),(101),(103)	(105)	(107)	(109)	(111)
215	(2),(4),(6),(8)	(10)	(12)	(14)	(16)
217	(18),(20),(22),(24)	(26)	(28)	(30)	(32)
219	(34),(36),(38),(40)	(42)	(44)	(46)	(48)
221	(50),(52),(54),(56)	(58)	(60)	(62)	(64)
223	(66),(68),(70),(72)	(74)	(76)	(78)	(80)
225	(82),(84),(86),(88)	(90)	(92)	(94)	(96)
227	(98),(100),(102),(104)	(106)	(108)	(110)	(112)
229	(113),(115),(117),(119)	(114)	(116)	(118)	(120)

PANEL 2RPB BRANCH CIRCUITS					
ROOM	LTG/REC	REFRIGERATOR	MICROWAVE	GARBAGE DISPOSAL	DISHWASHER
206	(1),(3),(5),(7)	(9)	(11)	(13)	(15)
208	(17),(19),(21),(23)	(25)	(27)	(29)	(31)
210	(33),(35),(37),(39)	(41)	(43)	(45)	(47)
212	(49),(51),(53),(55)	(57)	(59)	(61)	(63)
214	(65),(67),(69),(71)	(73)	(75)	(77)	(79)
216	(81),(83),(85),(87)	(89)	(91)	(93)	(95)
218	(97),(99),(101),(103)	(105)	(107)	(109)	(111)
220	(2),(4),(6),(8)	(10)	(12)	(14)	(16)
222	(18),(20),(22),(24)	(26)	(28)	(30)	(32)
224	(34),(36),(38),(40)	(42)	(44)	(46)	(48)
226	(50),(52),(54),(56)	(58)	(60)	(62)	(64)
228	(66),(68),(70),(72)	(74)	(76)	(78)	(80)
230	(82),(84),(86),(88)	(90)	(92)	(94)	(96)

GENERAL SECOND FLOOR POWER PLAN NOTES:

- PROVIDE UL LISTED FIRESTOP ASSEMBLY FOR ALL DEVICES INSTALLED IN FIREWALLS.
- COORDINATE ALL ELECTRICAL WORK WITH GENERAL CONTRACTOR AND OTHER TRADES ON SITE BEFORE INSTALLATION.
- ALL RECEPTACLES INSTALLED IN COMMON AREAS SHALL BE TAMPER PROOF PER NEC 406-12.
- RECEPTACLES WHICH ARE BACK-TO-BACK ON A COMMON WALL SHALL BE OFFSET 6" MINIMUM TO AVOID SOUND TRANSMISSION.

KEYED SECOND FLOOR POWER PLAN NOTES:

- DENOTES APPROXIMATE LOCATION OF ELEVATOR PHONE JACK TO BE COORDINATED WITH ARCHITECT AND HILTON DURING TOP OUT. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.
- DENOTES APPROXIMATE LOCATION OF COMMERCIAL ICE MAKER. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT CUTSHEET PRIOR TO INSTALLATION.
- SEE MECHANICAL EQUIPMENT SCHEDULE ON SHEET E200 FOR WIRING INFORMATION AND ELECTRICAL INFORMATION OF UNIT.
- DENOTES APPROXIMATE LOCATION OF QUANTITY (4) 4" CONDUIT SLEEVES WITH PULLSTRING INSTALLED FROM FIRST FLOOR PBX ROOM INTO SECOND FLOOR HOUSEKEEPING FOR DATA/COMMUNICATION. COORDINATE WITH TELECOMMUNICATIONS CONTRACTOR PRIOR TO INSTALLING.



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ELECTRICAL
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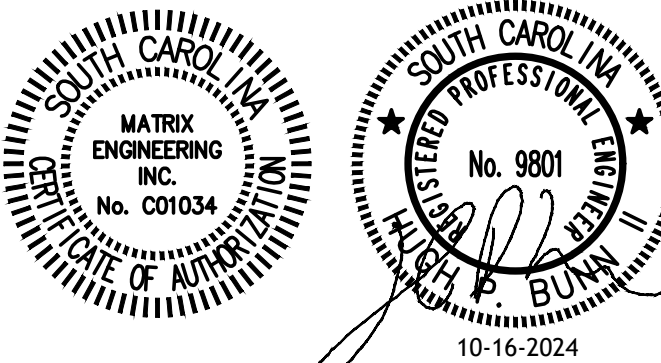


Project Title:
**HOME 2 SUITES
GREENWOOD SC**
475 HOSPITALITY BLVD,
GREENWOOD, SC 29649

Client Logo:



Seals:



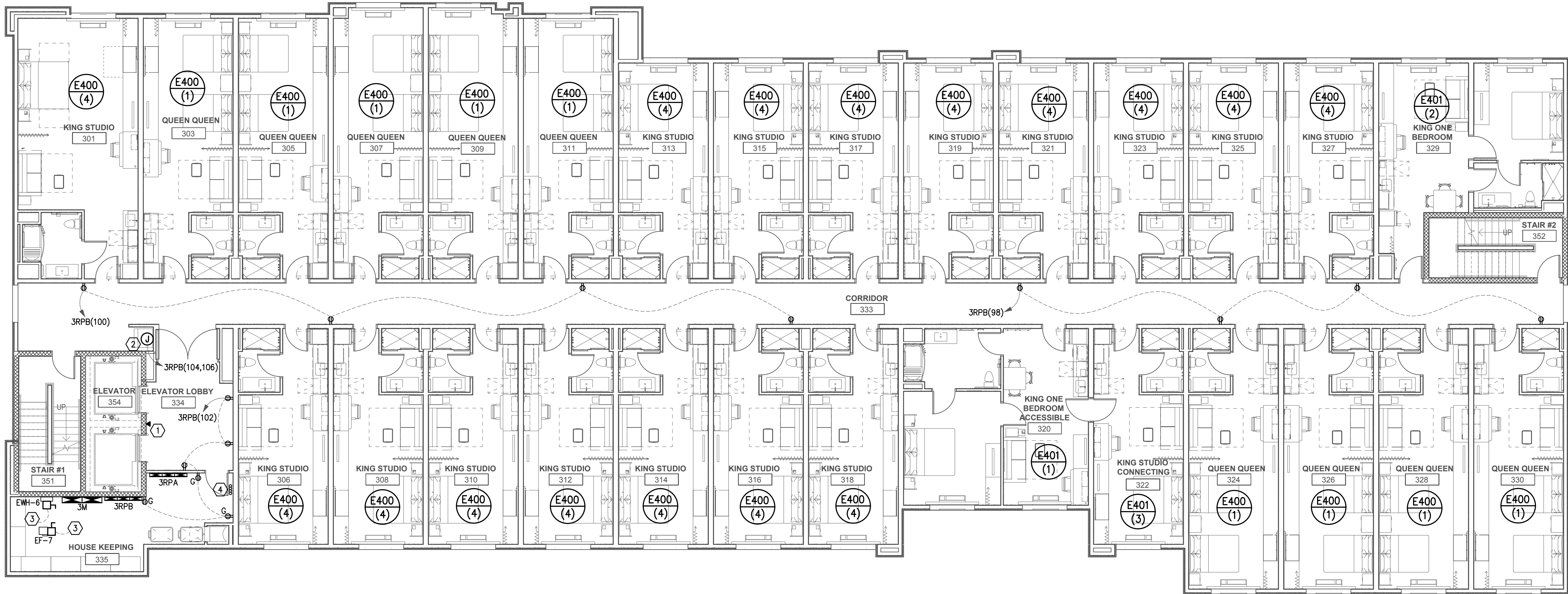
Revisions:
A 10.16.2024 Issue For Permit
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C 06.11.2025 Owner revisions/corrections

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E101

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**SECOND FLOOR
POWER PLAN**



THIRD FLOOR POWER PLAN
SCALE: 1/8" = 1'-0"

PANEL 3RPA BRANCH CIRCUITS					
ROOM	LTG/REC	REFRIGERATOR	MICROWAVE	GARBAGE DISPOSAL	DISHWASHER
301	(1),(3),(5),(7)	(9)	(11)	(13)	(15)
303	(17),(19),(21),(23)	(25)	(27)	(29)	(31)
305	(33),(35),(37),(39)	(41)	(43)	(45)	(47)
307	(49),(51),(53),(55)	(57)	(59)	(61)	(63)
309	(65),(67),(69),(71)	(73)	(75)	(77)	(79)
311	(81),(83),(85),(87)	(89)	(91)	(93)	(95)
313	(97),(99),(101),(103)	(105)	(107)	(109)	(111)
315	(2),(4),(6),(8)	(10)	(12)	(14)	(16)
317	(18),(20),(22),(24)	(26)	(28)	(30)	(32)
319	(34),(36),(38),(40)	(42)	(44)	(46)	(48)
321	(50),(52),(54),(56)	(58)	(60)	(62)	(64)
323	(66),(68),(70),(72)	(74)	(76)	(78)	(80)
325	(82),(84),(86),(88)	(90)	(92)	(94)	(96)
327	(98),(100),(102),(104)	(106)	(108)	(110)	(112)
329	(113),(115),(117),(119)	(114)	(116)	(118)	(120)

PANEL 3RPB BRANCH CIRCUITS					
ROOM	LTG/REC	REFRIGERATOR	MICROWAVE	GARBAGE DISPOSAL	DISHWASHER
306	(1),(3),(5),(7)	(9)	(11)	(13)	(15)
308	(17),(19),(21),(23)	(25)	(27)	(29)	(31)
310	(33),(35),(37),(39)	(41)	(43)	(45)	(47)
312	(49),(51),(53),(55)	(57)	(59)	(61)	(63)
314	(65),(67),(69),(71)	(73)	(75)	(77)	(79)
316	(81),(83),(85),(87)	(89)	(91)	(93)	(95)
318	(97),(99),(101),(103)	(105)	(107)	(109)	(111)
320	(2),(4),(6),(8)	(10)	(12)	(14)	(16)
322	(18),(20),(22),(24)	(26)	(28)	(30)	(32)
324	(34),(36),(38),(40)	(42)	(44)	(46)	(48)
326	(50),(52),(54),(56)	(58)	(60)	(62)	(64)
328	(66),(68),(70),(72)	(74)	(76)	(78)	(80)
330	(82),(84),(86),(88)	(90)	(92)	(94)	(96)

GENERAL THIRD FLOOR POWER PLAN NOTES:

- PROVIDE UL LISTED FIRESTOP ASSEMBLY FOR ALL DEVICES INSTALLED IN FIREWALLS.
- COORDINATE ALL ELECTRICAL WORK WITH GENERAL CONTRACTOR AND OTHER TRADES ON SITE BEFORE INSTALLATION.
- ALL RECEPTACLES INSTALLED IN COMMON AREAS SHALL BE TAMPER PROOF PER NEC 406-12.
- RECEPTACLES WHICH ARE BACK-TO-BACK ON A COMMON WALL SHALL BE OFFSET 6" MINIMUM TO AVOID SOUND TRANSMISSION.

KEYED THIRD FLOOR POWER PLAN NOTES:

- DENOTES APPROXIMATE LOCATION OF ELEVATOR PHONE JACK TO BE COORDINATED WITH ARCHITECT AND HILTON DURING TOP OUT. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.
- DENOTES APPROXIMATE LOCATION OF COMMERCIAL ICE MAKER. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT CUTSHEET PRIOR TO INSTALLATION.
- SEE MECHANICAL EQUIPMENT SCHEDULE ON SHEET E200 FOR WIRING INFORMATION AND ELECTRICAL INFORMATION OF UNIT.
- DENOTES APPROXIMATE LOCATION OF QUANTITY (4) 4" CONDUIT SLEEVES WITH PULLSTRING INSTALLED FROM SECOND FLOOR HOUSEKEEPING INTO THIRD FLOOR HOUSEKEEPING FOR DATA/COMMUNICATION. COORDINATE WITH TELECOMMUNICATIONS CONTRACTOR PRIOR TO INSTALLING.



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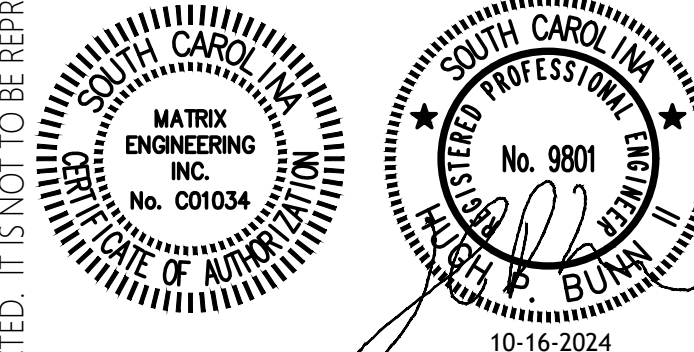


Project Title:
HOME 2 SUITES
GREENWOOD SC
475 HOSPITALITY BLVD,
GREENWOOD, SC 29649

Client Logo:



Seals:



Revisions:
A 10.16.2024 Issue For Permit
B 03.20.2025 100% Issue For Hilton
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Phase:
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Date:
04.22.2024
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BY
Checked By:
HPB

Sheet Number:

E102

Sheet Title:
THIRD FLOOR
POWER PLAN



FOURTH FLOOR POWER PLAN
SCALE: 1/8" = 1'-0"

PANEL 4RPA BRANCH CIRCUITS					
ROOM	LTC/REC	REFRIGERATOR	MICROWAVE	GARBAGE DISPOSAL	DISHWASHER
401	(1),(3),(5),(7)	(9)	(11)	(13)	(15)
403	(17),(19),(21),(23)	(25)	(27)	(29)	(31)
405	(33),(35),(37),(39)	(41)	(43)	(45)	(47)
407	(49),(51),(53),(55)	(57)	(59)	(61)	(63)
409	(65),(67),(69),(71)	(73)	(75)	(77)	(79)
411	(81),(83),(85),(87)	(89)	(91)	(93)	(95)
413	(97),(99),(101),(103)	(105)	(107)	(109)	(111)
415	(2),(4),(6),(8)	(10)	(12)	(14)	(16)
417	(18),(20),(22),(24)	(26)	(28)	(30)	(32)
419	(34),(36),(38),(40)	(42)	(44)	(46)	(48)
421	(50),(52),(54),(56)	(58)	(60)	(62)	(64)
423	(66),(68),(70),(72)	(74)	(76)	(78)	(80)
425	(82),(84),(86),(88)	(90)	(92)	(94)	(96)
427	(98),(100),(102),(104)	(106)	(108)	(110)	(112)
429	(113),(115),(117),(119)	(114)	(116)	(118)	(120)

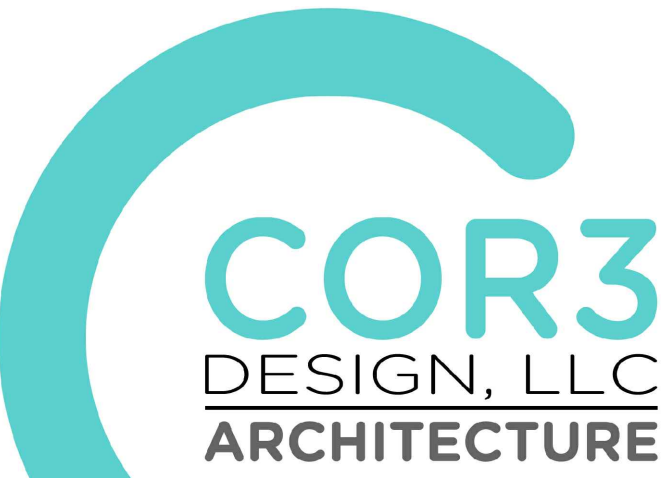
PANEL 4RPB BRANCH CIRCUITS					
ROOM	LTC/REC	REFRIGERATOR	MICROWAVE	GARBAGE DISPOSAL	DISHWASHER
406	(1),(3),(5),(7)	(9)	(11)	(13)	(15)
408	(17),(19),(21),(23)	(25)	(27)	(29)	(31)
410	(33),(35),(37),(39)	(41)	(43)	(45)	(47)
412	(49),(51),(53),(55)	(57)	(59)	(61)	(63)
414	(65),(67),(69),(71)	(73)	(75)	(77)	(79)
416	(81),(83),(85),(87)	(89)	(91)	(93)	(95)
418	(97),(99),(101),(103)	(105)	(107)	(109)	(111)
420	(2),(4),(6),(8)	(10)	(12)	(14)	(16)
422	(18),(20),(22),(24)	(26)	(28)	(30)	(32)
424	(34),(36),(38),(40)	(42)	(44)	(46)	(48)
426	(50),(52),(54),(56)	(58)	(60)	(62)	(64)
428	(66),(68),(70),(72)	(74)	(76)	(78)	(80)
430	(82),(84),(86),(88)	(90)	(92)	(94)	(96)

GENERAL FOURTH FLOOR POWER PLAN NOTES:

- PROVIDE UL LISTED FIRESTOP ASSEMBLY FOR ALL DEVICES INSTALLED IN FIREWALLS.
- COORDINATE ALL ELECTRICAL WORK WITH GENERAL CONTRACTOR AND OTHER TRADES ON SITE BEFORE INSTALLATION.
- ALL RECEPTACLES INSTALLED IN COMMON AREAS SHALL BE TAMPER PROOF PER NEC 406-12.
- RECEPTACLES WHICH ARE BACK-TO-BACK ON A COMMON WALL SHALL BE OFFSET 6" MINIMUM TO AVOID SOUND TRANSMISSION.

KEYED FOURTH FLOOR POWER PLAN NOTES:

- DENOTES APPROXIMATE LOCATION OF ELEVATOR PHONE JACK TO BE COORDINATED WITH ARCHITECT AND HILTON DURING TOP OUT. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.
- DENOTES APPROXIMATE LOCATION OF COMMERCIAL ICE MAKER. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT CUTSHEET PRIOR TO INSTALLATION.
- SEE MECHANICAL EQUIPMENT SCHEDULE ON SHEET E200 FOR WIRING INFORMATION AND ELECTRICAL INFORMATION OF UNIT.
- DENOTES APPROXIMATE LOCATION OF QUANTITY (3) 4" CONDUIT SLEEVES WITH PULLSTRING INSTALLED FROM THIRD FLOOR HOUSEKEEPING INTO FOURTH FLOOR HOUSEKEEPING FOR DATA/COMMUNICATION. COORDINATE WITH TELECOMMUNICATIONS CONTRACTOR PRIOR TO INSTALLING.
- DENOTES PROPOSED LOCATION OF 8 KVA UPS TO BE INSTALLED BY ELECTRICAL CONTRACTOR TO PROVIDE BACKUP POWER TO PANEL UPS-1. COORDINATE WITH OWNER PRIOR TO INSTALLING. UPS TO BE CAPABLE OF PROVIDING BACKUP POWER FOR A MINIMUM OF 2 HOURS.



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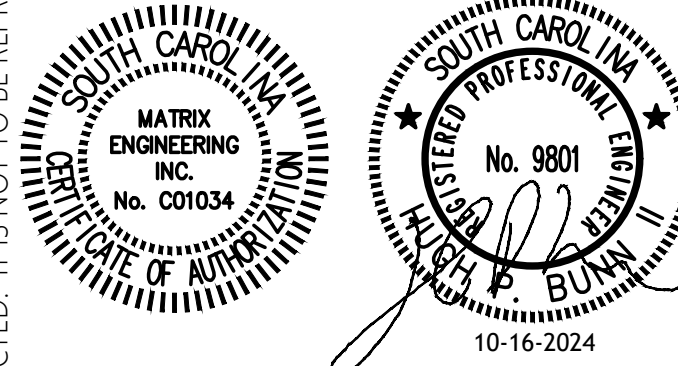


Project Title:
HOME 2 SUITES
GREENWOOD SC
475 HOSPITALITY BLVD,
GREENWOOD, SC 29649

Client Logo:



Seals:



Revisions:

A	10.16.2024	Issue For Permit
B	03.20.2025	100% Issue For Hilton
C	06.11.2025	Owner revisions/corrections
D	07.18.2025	Power Coordination
	09.08.2025	Client Comments

Project Number:

23112

Phase:

CD

Date:

04.22.2024

Drawn By:

BY

Checked By:

HPB

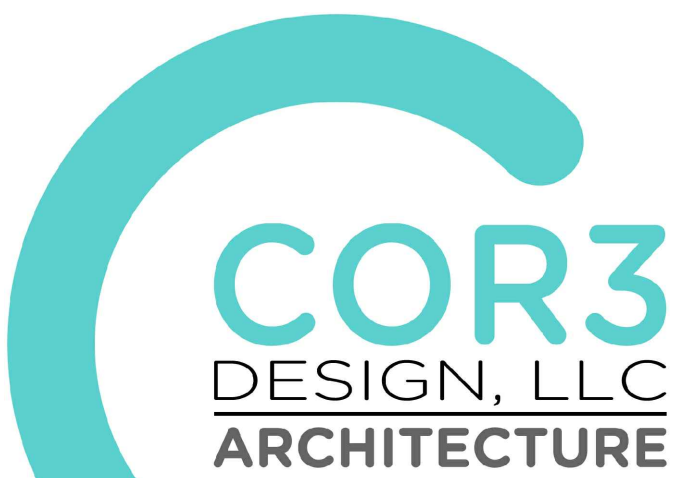
Sheet Number:

E103

Sheet Title:

FOURTH FLOOR
POWER PLAN

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
A	MECHANICAL & PLUMBING EQUIPMENT SCHEDULE																
	EQUIPMENT TAG	EQUIPMENT ITEM	EQUIPMENT VOLTAGE/PHASE	EQUIPMENT HORSEPOWER	EQUIPMENT LOAD	CIRCUIT BREAKER SIZE	FROM PANEL/CIRCUIT	TO EQUIPMENT	DISCONNECT SWITCH SIZE	MOTOR STARTER OR VARIABLE FREQUENCY DRIVE	CONDUIT TYPE/SIZE	WIRE SIZE	WATTAGE PER PHASE	APPLICABLE COMMENTS			EQUIPMENT TAG
	MUA-1	OUTDOOR AIR UNIT	208V/3PH		38.419 KW	175A/3P	PANEL MSB (13)	UNIT MAIN LUGS	200A/3P/3R	N/A	1-1/2 INCH	(3) #1/0 AWG [PH] (1) #6 AWG [GND]	12,800W/PHASE	UNIT REQUIRES DUCT SMOKE DETECTOR. SEE FIRE ALARM DRAWINGS.			MUA-1
	MUA-2	OUTDOOR AIR UNIT	208V/3PH		32.165 KW	150A/3P	PANEL MSB (14)	UNIT MAIN LUGS	200A/3P/3R	N/A	1-1/4 INCH	(3) #2 AWG [PH] (1) #6 AWG [GND]	10,722W/PHASE	UNIT REQUIRES DUCT SMOKE DETECTOR. SEE FIRE ALARM DRAWINGS.			MUA-2
	AHU-1	AIR HANDLER UNIT	208V/1PH		6.656 KW	40A/2P	PANEL 1M (1,3)	UNIT MAIN LUGS	60A/2P	N/A	3/4 INCH	(2) #6 AWG [PH] (1) #10 AWG [GND]	3,328W/PHASE				AHU-1
	AHU-2	AIR HANDLER UNIT	208V/3PH		12.97 KW	45A/3P	PANEL 1M (2,4,6)	UNIT MAIN LUGS	60A/3P	N/A	3/4 INCH	(3) #6 AWG [PH] (1) #10 AWG [GND]	4,324W/PHASE	UNIT REQUIRES DUCT SMOKE DETECTOR. SEE FIRE ALARM DRAWINGS.			AHU-2
	AHU-3	AIR HANDLER UNIT	208V/3PH		8.646 KW	30A/3P	PANEL 1M (5,7,9)	UNIT MAIN LUGS	30A/3P	N/A	3/4 INCH	(3) #8 AWG [PH] (1) #10 AWG [GND]	2,883W/PHASE				AHU-3
	AHU-4	AIR HANDLER UNIT	208V/3PH		8.646 KW	30A/3P	PANEL 1M (8,10,12)	UNIT MAIN LUGS	30A/3P	N/A	3/4 INCH	(3) #8 AWG [PH] (1) #10 AWG [GND]	2,883W/PHASE				AHU-4
	AHU-5	AIR HANDLER UNIT	208V/3PH		8.646 KW	30A/3P	PANEL 1M (11,13,15)	UNIT MAIN LUGS	30A/3P	N/A	3/4 INCH	(3) #8 AWG [PH] (1) #10 AWG [GND]	2,883W/PHASE				AHU-5
	AHU-6	AIR HANDLER UNIT	208V/1PH				HP-6		30A/2P	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]		UNIT POWERED FROM OUTDOOR UNIT HP-6			AHU-6
	AHU-7	AIR HANDLER UNIT	208V/1PH				HP-7		30A/2P	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]		UNIT POWERED FROM OUTDOOR UNIT HP-7			AHU-7
	AHU-8	AIR HANDLER UNIT	208V/1PH				HP-8		30A/2P	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]		UNIT POWERED FROM OUTDOOR UNIT HP-8			AHU-8
	HP-1	HEAT PUMP UNIT	208V/1PH		2.496 KW	25A/2P	PANEL 1M (14,16)	UNIT MAIN LUGS	30A/2P/3R	N/A	3/4 INCH	(2) #10 AWG [PH] (1) #10 AWG [GND]	1,249W/PHASE				HP-1
	HP-2	HEAT PUMP UNIT	208V/3PH		6.053 KW	35A/3P	PANEL 1M (17,19,21)	UNIT MAIN LUGS	60A/3P/3R	N/A	3/4 INCH	(3) #8 AWG [PH] (1) #10 AWG [GND]	2,018W/PHASE				HP-2
	HP-3	HEAT PUMP UNIT	208V/3PH		3.747 KW	20A/3P	PANEL 1M (18,20,22)	UNIT MAIN LUGS	30A/3P/3R	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]	1,249W/PHASE				HP-3
	HP-4	HEAT PUMP UNIT	208V/3PH		3.747 KW	20A/3P	PANEL 1M (23,25,27)	UNIT MAIN LUGS	30A/3P/3R	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]	1,249W/PHASE				HP-4
	HP-5	HEAT PUMP UNIT	208V/3PH		3.747 KW	20A/3P	PANEL 1M (24,26,28)	UNIT MAIN LUGS	30A/3P/3R	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]	1,249W/PHASE				HP-5
	HP-6	HEAT PUMP UNIT	208V/1PH		2.662 KW	25A/2P	PANEL 1M (29,31)	UNIT MAIN LUGS	30A/2P/3R	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	1,331W/PHASE				HP-6
	HP-7	HEAT PUMP UNIT	208V/1PH		2.662 KW	25A/2P	PANEL 1M (30,32)	UNIT MAIN LUGS	30A/2P/3R	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	1,331W/PHASE				HP-7
	HP-8	HEAT PUMP UNIT	208V/1PH		2.662 KW	25A/2P	PANEL 4M (59,61)	UNIT MAIN LUGS	30A/2P/3R	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	1,331W/PHASE				HP-8
	EF-1	EXHAUST FAN	120V/1PH		21 W	20A/1P		UNIT MAIN LUGS	FWE	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	21W/PHASE	EXHAUST FAN TO BE TIED INTO OPERATION OF LIGHTS IN ROOM.			EF-1
	EF-2	EXHAUST FAN	120V/1PH		21 W	20A/1P		UNIT MAIN LUGS	FWE	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	21W/PHASE	EXHAUST FAN TO BE TIED INTO OPERATION OF LIGHTS IN ROOM.			EF-2
	EF-3	EXHAUST FAN	120V/1PH		21 W	20A/1P		UNIT MAIN LUGS	FWE	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	21W/PHASE	EXHAUST FAN TO BE TIED INTO OPERATION OF LIGHTS IN ROOM.			EF-3
	EF-4	EXHAUST FAN	120V/1PH		128 W	20A/1P	PANEL 1M (49)	UNIT MAIN LUGS	30A/1P	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	128W/PHASE	EXHAUST FAN TO BE TIED INTO OPERATION OF AHU-1			EF-4
	EF-5	EXHAUST FAN	120V/1PH		73 W	20A/1P	PANEL 1M (51)	UNIT MAIN LUGS	30A/1P	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	73W/PHASE				EF-5
	EF-6	EXHAUST FAN	120V/1PH		172 W	20A/1P	PANEL 2M (60)	UNIT MAIN LUGS	30A/1P	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	172W/PHASE				EF-6
	EF-7	EXHAUST FAN	120V/1PH		172 W	20A/1P	PANEL 3M (60)	UNIT MAIN LUGS	30A/1P	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	172W/PHASE				EF-7
	EF-8	EXHAUST FAN	120V/1PH		172 W	20A/1P	PANEL 4M (60)	UNIT MAIN LUGS	30A/1P	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	172W/PHASE				EF-8
	EF-9	EXHAUST FAN	120V/1PH	1/6 HP		20A/1P	Δ PANEL UPS-1 (1)	UNIT MAIN LUGS	30A/1P/3R	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	506W/PHASE	EXHAUST FAN TO OPERATE CONTINUOUSLY			EF-9
	EF-10	EXHAUST FAN	120V/1PH	1/6 HP		20A/1P	Δ PANEL UPS-1 (3)	UNIT MAIN LUGS	30A/1P/3R	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	506W/PHASE	EXHAUST FAN TO OPERATE CONTINUOUSLY			EF-10
	EF-11	EXHAUST FAN	120V/1PH	1/6 HP		20A/1P	PANEL UPS-1 (5)	UNIT MAIN LUGS	30A/1P/3R	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	506W/PHASE	EXHAUST FAN TO OPERATE CONTINUOUSLY			EF-11
	EF-12	EXHAUST FAN	120V/1PH	1/6 HP		20A/1P	PANEL UPS-1 (2)	UNIT MAIN LUGS	30A/1P/3R	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	506W/PHASE	EXHAUST FAN TO OPERATE CONTINUOUSLY			EF-12
	EF-13	EXHAUST FAN	120V/1PH	1/6 HP		20A/1P	PANEL UPS-1 (4)	UNIT MAIN LUGS	30A/1P/3R	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	506W/PHASE	EXHAUST FAN TO OPERATE CONTINUOUSLY			EF-13
	EF-14	EXHAUST FAN	120V/1PH	1/6 HP		20A/1P	PANEL UPS-1 (6)	UNIT MAIN LUGS	30A/1P/3R	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	506W/PHASE	EXHAUST FAN TO OPERATE CONTINUOUSLY			EF-14
	EF-15	EXHAUST FAN	120V/1PH	1/6 HP		20A/1P	PANEL UPS-1 (8)	UNIT MAIN LUGS	30A/1P/3R	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	506W/PHASE	EXHAUST FAN TO OPERATE CONTINUOUSLY			EF-15
	EWH-1	ELECTRIC WALL HEATER	208V/3PH		2.0 KW	15A/3P	PANEL 1M (35,37,39)	UNIT MAIN LUGS	30A/3P	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]	667W/PHASE				EWH-1
	EWH-2	ELECTRIC WALL HEATER	208V/3PH		2.0 KW	15A/3P	PANEL 1M (36,38,40)	UNIT MAIN LUGS	30A/3P	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]	667W/PHASE				EWH-2
	EWH-3	ELECTRIC WALL HEATER	208V/3PH		2.0 KW	15A/3P	PANEL 1M (43,45,47)	UNIT MAIN LUGS	30A/3P	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]	667W/PHASE				EWH-3
	EWH-4	ELECTRIC WALL HEATER	208V/3PH		2.0 KW	15A/3P	PANEL 1M (44,46,48)	UNIT MAIN LUGS	30A/3P	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]	667W/PHASE				EWH-4
	EWH-5	ELECTRIC WALL HEATER	208V/3PH		2.0 KW	15A/3P	PANEL 2M (59,61,63)	UNIT MAIN LUGS	30A/3P	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]	667W/PHASE				EWH-5
	EWH-6	ELECTRIC WALL HEATER	208V/3PH		2.0 KW	15A/3P	PANEL 3M (59,61,63)	UNIT MAIN LUGS	30A/3P	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]	667W/PHASE				EWH-6
	Δ	DELETED															
	EWH-8	ELECTRIC WALL HEATER	208V/3PH		2.0 KW	15A/3P	PANEL PP (10,12,14)	UNIT MAIN LUGS	30A/3P	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]	667W/PHASE				EWH-8
	EUH-1	ELECTRIC UNIT HEATER	208V/3PH		3.0 KW	15A/3P	PANEL PP (1,3,5)	UNIT MAIN LUGS	30A/3P	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]	1,000W/PHASE				EUH-1
	EUH-2	ELECTRIC UNIT HEATER	208V/3PH		3.0 KW	15A/3P	PANEL PP (2,4,6)	UNIT MAIN LUGS	30A/3P	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]	1,000W/PHASE				EUH-2
	WH-1	GAS WATER HEATER	120V/1PH		660 W	15A/1P	PANEL 1M (53)	UNIT MAIN LUGS	30A/1P	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	660W/PHASE				WH-1
	WH-2	GAS WATER HEATER	120V/1PH		660 W	15A/1P	PANEL 1M (54)	UNIT MAIN LUGS	30A/1P	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	660W/PHASE				WH-2
	WH-3	GAS WATER HEATER	120V/1PH		660 W	15A/1P	PANEL 1M (55)	UNIT MAIN LUGS	30A/1P	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	660W/PHASE				WH-3
	WH-4	GAS WATER HEATER	120V/1PH		660 W	15A/1P	PANEL 1M (56)	UNIT MAIN LUGS	30A/1P	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	660W/PHASE				WH-4
	WH-5	GAS WATER HEATER	120V/1PH		660 W	15A/1P	PANEL 1M (57)	UNIT MAIN LUGS	30A/1P	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	660W/PHASE				WH-5
	WH-6	GAS TANKLESS WATER HEATER	120V/1PH		200 W	15A/1P	PANEL 1M (58)	UNIT MAIN LUGS	30A/1P	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	200W/PHASE				WH-6
	WH-7	GAS TANKLESS WATER HEATER	120V/1PH		200 W	15A/1P	PANEL 1M (59)	UNIT MAIN LUGS	30A/1P	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	200W/PHASE				WH-7
	CP-1	CIRCULATION PUMP	120V/1PH	1/2 HP	1,176 KW	20A/1P	PANEL 1M (60)	UNIT MAIN LUGS	30A/1P	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	1176W/PHASE				CP-1
	CP-2	CIRCULATION PUMP	120V/1PH	1/8 HP	348 W	20A/1P	PANEL 1M (62)	UNIT MAIN LUGS	30A/1P	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	348W/PHASE				CP-2
	BP-1	DOMESTIC BOOSTER PUMP	208V/3PH	3 HP	3.96 KW	20A/3P	PANEL 1M (61,63,65)	UNIT MAIN LUGS	30A/3P	N/A	3/4 INCH	(3) #12 AWG [PH] (1) #12 AWG [GND]	1320W/PHASE				BP-1
	SP-1	ELEVATOR SUMP PUMP	120V/1PH	1/2 HP	1,176 KW	20A/1P	PANEL 1M (64)	UNIT MAIN LUGS	30A/1P	N/A	3/4 INCH	(2) #12 AWG [PH] (1) #12 AWG [GND]	1176W/PHASE				SP-1



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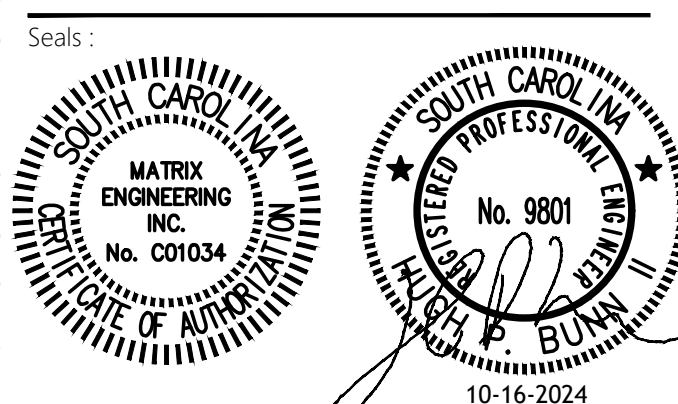
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Project Title:
**HOME 2 SUITES
GREENWOOD SC**
475 HOSPITALITY BLVD,
GREENWOOD, SC 29649

Client Logo:



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A 10.16.2024 Issue For Permit
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C 08.11.2025 Owner revisions/corrections
D 07.18.2025 Power Coordination
E 09.08.2025 Client Comments

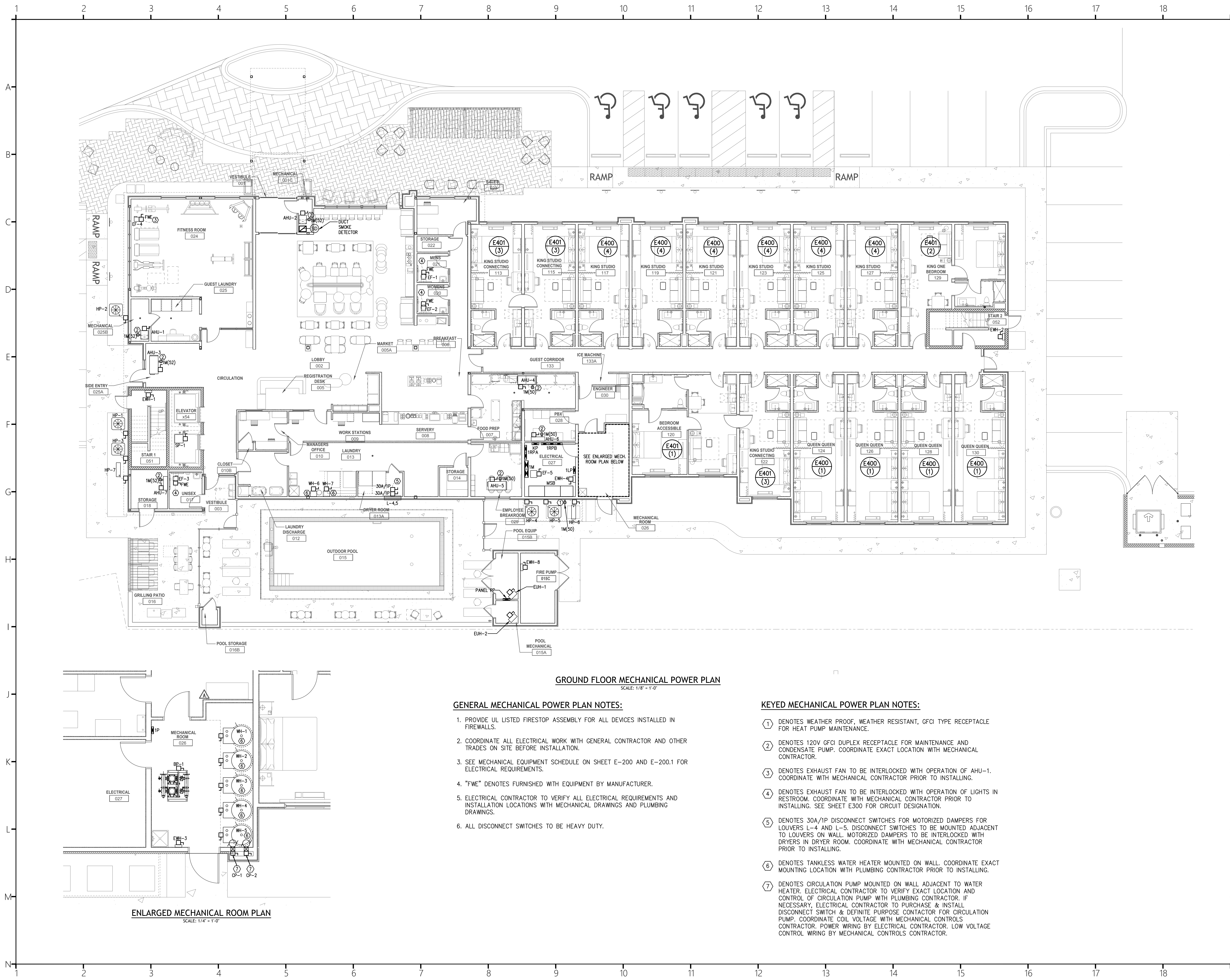
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Sheet Number:

E200

Sheet Title:
**MECHANICAL
EQUIPMENT SCHEDULE**

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GENERAL MECHANICAL POWER PLAN NOTES:

1. PROVIDE UL LISTED FIRESTOP ASSEMBLY FOR ALL DEVICES INSTALLED IN FIREWALLS.
2. COORDINATE ALL ELECTRICAL WORK WITH GENERAL CONTRACTOR AND OTHER TRADES ON SITE BEFORE INSTALLATION.
3. SEE MECHANICAL EQUIPMENT SCHEDULE ON SHEET E-200 AND E-200.1 FOR ELECTRICAL REQUIREMENTS.
4. "FWE" DENOTES FURNISHED WITH EQUIPMENT BY MANUFACTURER.
5. ELECTRICAL CONTRACTOR TO VERIFY ALL ELECTRICAL REQUIREMENTS AND INSTALLATION LOCATIONS WITH MECHANICAL DRAWINGS AND PLUMBING DRAWINGS.
6. ALL DISCONNECT SWITCHES TO BE HEAVY DUTY.

KEYED MECHANICAL POWER PLAN NOTES:

- ① DENOTES WEATHER PROOF, WEATHER RESISTANT, GFCI TYPE RECEPTACLE FOR HEAT PUMP MAINTENANCE.
- ② DENOTES 120V GFCI DUPLEX RECEPTACLE FOR MAINTENANCE AND CONDENSATE PUMP. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- ③ DENOTES EXHAUST FAN TO BE INTERLOCKED WITH OPERATION OF AHU-1. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLING.
- ④ DENOTES EXHAUST FAN TO BE INTERLOCKED WITH OPERATION OF LIGHTS IN RESTROOM. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLING. SEE SHEET E300 FOR CIRCUIT DESIGNATION.
- ⑤ DENOTES 30A/1P DISCONNECT SWITCHES FOR MOTORIZED DAMPERS FOR LOUVERS L-4 AND L-5. DISCONNECT SWITCHES TO BE MOUNTED ADJACENT TO LOUVERS ON WALL. MOTORIZED DAMPERS TO BE INTERLOCKED WITH DRYERS IN DRYER ROOM. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLING.
- ⑥ DENOTES TANKLESS WATER HEATER MOUNTED ON WALL. COORDINATE EXACT MOUNTING LOCATION WITH PLUMBING CONTRACTOR PRIOR TO INSTALLING.
- ⑦ DENOTES CIRCULATION PUMP MOUNTED ON WALL ADJACENT TO WATER HEATER. ELECTRICAL CONTRACTOR TO VERIFY EXACT LOCATION AND CONTROL OF CIRCULATION PUMP WITH PLUMBING CONTRACTOR. IF NECESSARY, ELECTRICAL CONTRACTOR TO PURCHASE & INSTALL DISCONNECT SWITCH & DEFINITE PURPOSE CONTACTOR FOR CIRCULATION PUMP. COORDINATE COIL VOLTAGE WITH MECHANICAL CONTROLS CONTRACTOR. POWER WIRING BY ELECTRICAL CONTRACTOR. LOW VOLTAGE CONTROL WIRING BY MECHANICAL CONTROLS CONTRACTOR.

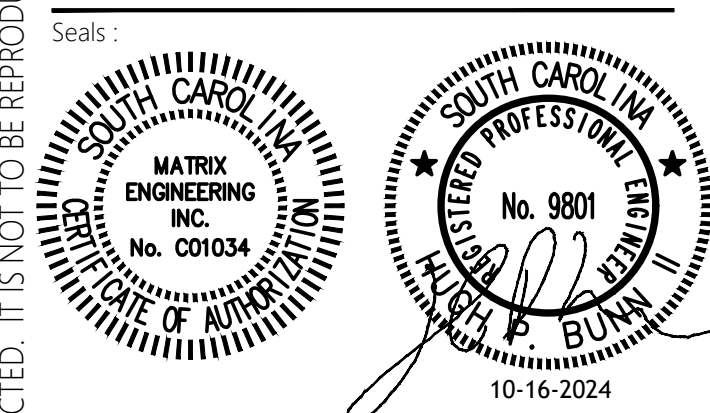


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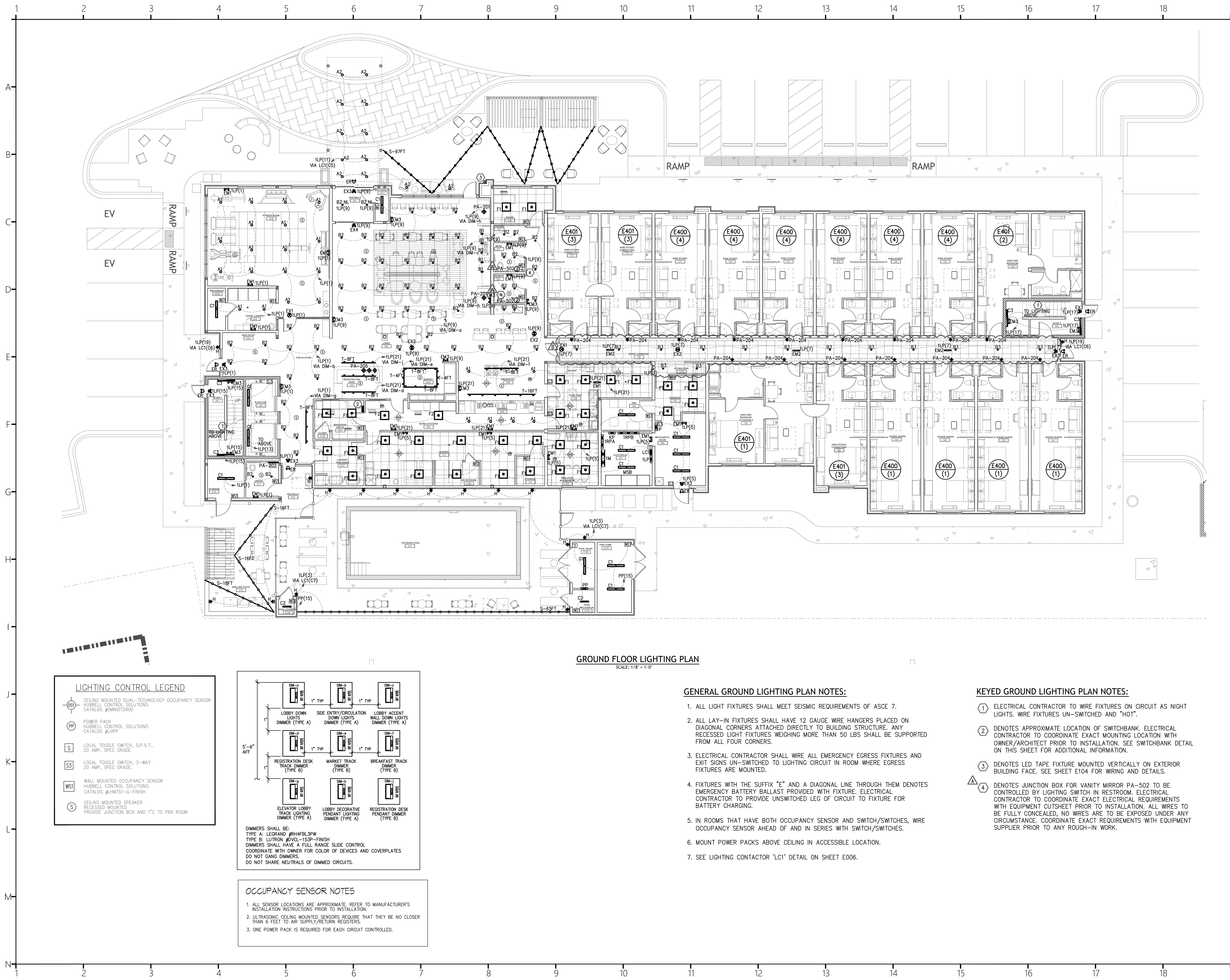


Project Title:
HOME 2 SUITES GREENWOOD SC
475 HOSPITALITY BLVD,
GREENWOOD, SC 29649



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Sheet Number:
E201
Sheet Title:
GROUND FLOOR MECHANICAL POWER PLAN



GROUND FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"

LIGHTING CONTROL LEGEND

- CS1 CEILING MOUNTED DUAL-TECHNOLOGY OCCUPANCY SENSOR
HUBBELL CONTROL SOLUTIONS
CATALOG #0MNDT2000
- PP POWER PACK
HUBBELL CONTROL SOLUTIONS
CATALOG #UVPP
- S LOCAL TOGGLE SWITCH, 3-WAY,
20 AMP, SPEC. GRADE.
- S3 LOCAL TOGGLE SWITCH, 3-WAY,
20 AMP, SPEC. GRADE.
- WS1 WALL MOUNTED OCCUPANCY SENSOR
HUBBELL CONTROL SOLUTIONS
CATALOG #HMTS1-G-FINISH
- S CEILING MOUNTED SPEAKER
RECESSED MOUNTED
PROVIDE JUNCTION BOX AND 1" C TO PBX ROOM

DIMMERS SHALL BE:
TYPE A: L6GRAND #RH4FBL3PW
TYPE B: LUTRON #DVL-153P-FINISH
DIMMERS SHALL HAVE A FULL RANGE SLIDE CONTROL
COORDINATE WITH OWNER FOR COLOR OF DEVICES AND COVERPLATES
DO NOT GANG DIMMERS.
DO NOT SHARE NEUTRALS OF DIMMED CIRCUITS.

DIMMER TYPES:

- DM-a LOBBY DOWN LIGHTS DIMMER (TYPE A)
- DM-b SIDE ENTRY/CIRCULATION DOWN LIGHTS DIMMER (TYPE A)
- DM-c LOBBY ACCENT WALL DOWN LIGHTS DIMMER (TYPE A)
- DM-d REGISTRATION DESK TRACK DIMMER (TYPE B)
- DM-e MARKET TRACK DIMMER (TYPE B)
- DM-f BREAKFAST TRACK DIMMER (TYPE B)
- DM-g ELEVATOR LOBBY TRACK LIGHTING DIMMER (TYPE A)
- DM-h LOBBY DECORATIVE PENDANT LIGHTING DIMMER (TYPE A)
- DM-i REGISTRATION DESK PENDANT DIMMER (TYPE B)

OCCUPANCY SENSOR NOTES

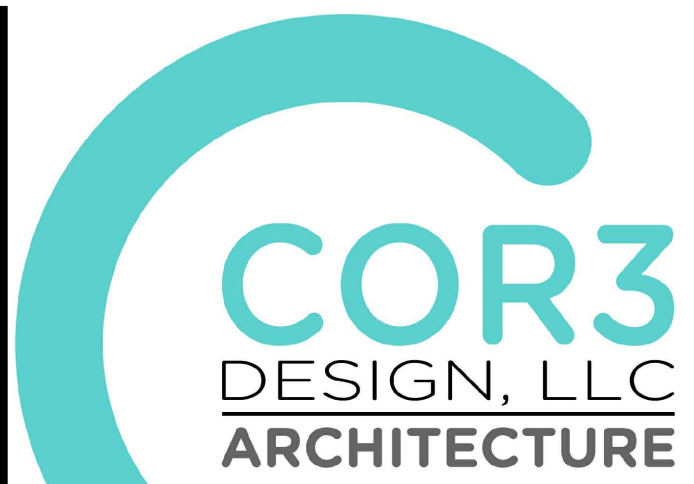
- ALL SENSOR LOCATIONS ARE APPROXIMATE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION.
- ULTRASONIC CEILING MOUNTED SENSORS REQUIRE THAT THEY BE NO CLOSER THAN 6 FEET TO AIR SUPPLY/RETURN REGISTERS.
- ONE POWER PACK IS REQUIRED FOR EACH CIRCUIT CONTROLLED.

GENERAL GROUND LIGHTING PLAN NOTES:

- ALL LIGHT FIXTURES SHALL MEET SEISMIC REQUIREMENTS OF ASCE 7.
- ALL LAY-IN FIXTURES SHALL HAVE 12 GAUGE WIRE HANGERS PLACED ON DIAGONAL CORNERS ATTACHED DIRECTLY TO BUILDING STRUCTURE. ANY RECESSED LIGHT FIXTURES WEIGHING MORE THAN 50 LBS SHALL BE SUPPORTED FROM ALL FOUR CORNERS.
- ELECTRICAL CONTRACTOR SHALL WIRE ALL EMERGENCY EGRESS FIXTURES AND EXIT SIGNS UN-SWITCHED TO LIGHTING CIRCUIT IN ROOM WHERE EGRESS FIXTURES ARE MOUNTED.
- FIXTURES WITH THE SUFFIX "E" AND A DIAGONAL LINE THROUGH THEM DENOTES EMERGENCY BATTERY BALLAST PROVIDED WITH FIXTURE. ELECTRICAL CONTRACTOR TO PROVIDE UNSWITCHED LEG OF CIRCUIT TO FIXTURE FOR BATTERY CHARGING.
- IN ROOMS THAT HAVE BOTH OCCUPANCY SENSOR AND SWITCH/SWITCHES, WIRE OCCUPANCY SENSOR AHEAD OF AND IN SERIES WITH SWITCH/SWITCHES.
- MOUNT POWER PACKS ABOVE CEILING IN ACCESSIBLE LOCATION.
- SEE LIGHTING CONTACTOR 'LC1' DETAIL ON SHEET E006.

KEYED GROUND LIGHTING PLAN NOTES:

- ELECTRICAL CONTRACTOR TO WIRE FIXTURES ON CIRCUIT AS NIGHT LIGHTS. WIRE FIXTURES UN-SWITCHED AND "HOT".
- DENOTES APPROXIMATE LOCATION OF SWITCHBANK. ELECTRICAL CONTRACTOR TO COORDINATE EXACT MOUNTING LOCATION WITH OWNER/ARCHITECT PRIOR TO INSTALLATION. SEE SWITCHBANK DETAIL ON THIS SHEET FOR ADDITIONAL INFORMATION.
- DENOTES LED TAPE FIXTURE MOUNTED VERTICALLY ON EXTERIOR BUILDING FACE. SEE SHEET E104 FOR WIRING AND DETAILS.
- DENOTES JUNCTION BOX FOR VANITY MIRROR PA-502 TO BE CONTROLLED BY LIGHTING SWITCH IN RESTROOM. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT CUTSHEET PRIOR TO INSTALLATION. ALL WIRES TO BE FULLY CONCEALED, NO WIRES ARE TO BE EXPOSED UNDER ANY CIRCUMSTANCE. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ANY ROUGH-IN WORK.

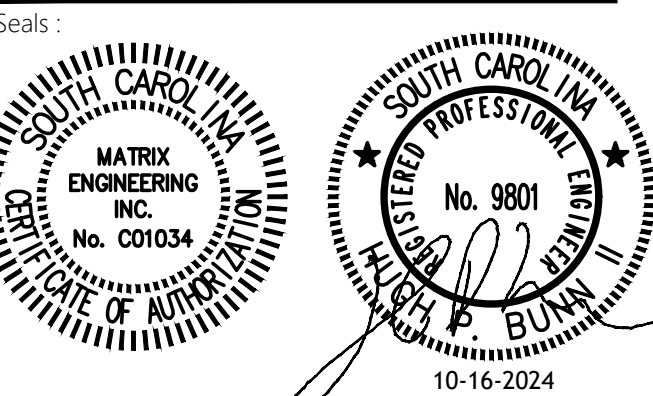


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GROUND FLOOR LIGHTING PLAN

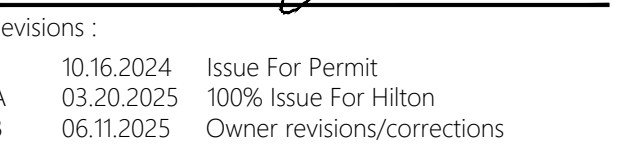


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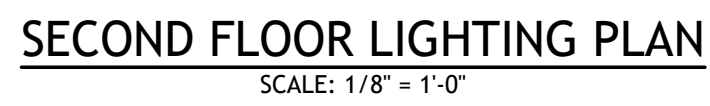
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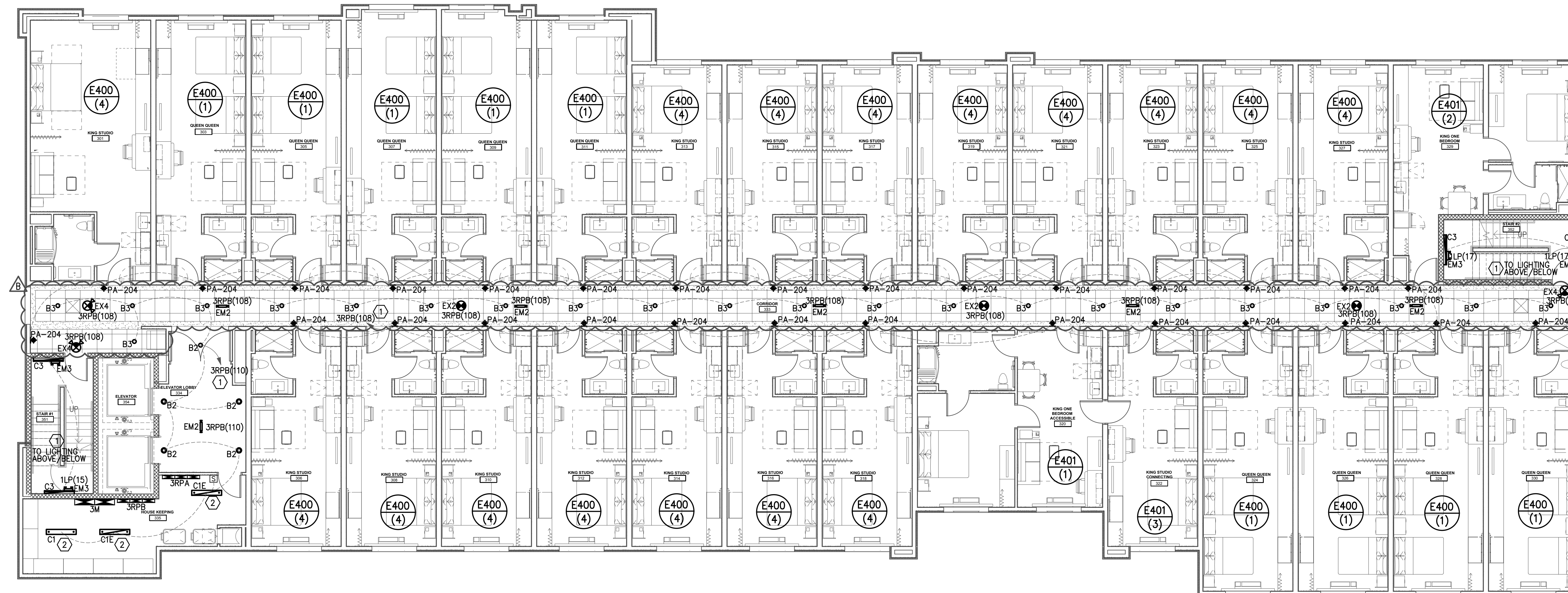
E301

Sheet Title :
SECOND FLOOR
LIGHTING PLAN



1. ALL LIGHT FIXTURES SHALL MEET SEISMIC REQUIREMENTS OF ASCE 7.
2. ALL LAY-IN FIXTURES SHALL HAVE 12 GAUGE WIRE HANGERS PLACED ON DIAGONAL CORNERS ATTACHED DIRECTLY TO BUILDING STRUCTURE. ANY RECESSED LIGHT FIXTURES WEIGHING MORE THAN 50 LBS SHALL BE SUPPORTED FROM ALL FOUR CORNERS.
3. ELECTRICAL CONTRACTOR SHALL WIRE ALL EMERGENCY EGRESS FIXTURES AND EXIT SIGNS UN-SWITCHED TO LIGHTING CIRCUIT IN ROOM WHERE EGRESS FIXTURES ARE MOUNTED.
4. FIXTURES WITH THE SUFFIX "E" AND A DIAGONAL LINE THROUGH THEM DENOTES EMERGENCY BATTERY BALLAST PROVIDED WITH FIXTURE. ELECTRICAL CONTRACTOR TO PROVIDE UNSWITCHED LEG OF CIRCUIT TO FIXTURE FOR BATTERY CHARGING.

- ① ELECTRICAL CONTRACTOR TO WIRE FIXTURES ON CIRCUIT AS NIGHT LIGHTS. WIRE FIXTURES UN-SWITCHED AND "HOT".
- ② ELECTRICAL CONTRACTOR TO WIRE FIXTURE TO LOCAL TOGGLE SWITCH AS INDICATED.



THIRD FLOOR LIGHTING PLAN

GENERAL SECOND FLOOR LIGHTING PLAN NOTES:

1. ALL LIGHT FIXTURES SHALL MEET SEISMIC REQUIREMENTS OF ASCE 7.
2. ALL LAY-IN FIXTURES SHALL HAVE 12 GAUGE WIRE HANGERS PLACED ON DIAGONAL CORNERS ATTACHED DIRECTLY TO BUILDING STRUCTURE. ANY RECESSED LIGHT FIXTURES WEIGHING MORE THAN 50 LBS SHALL BE SUPPORTED FROM ALL FOUR CORNERS.
3. ELECTRICAL CONTRACTOR SHALL WIRE ALL EMERGENCY EGRESS FIXTURES AND EXIT SIGNS UN-SWITCHED TO LIGHTING CIRCUIT IN ROOM WHERE EGRESS FIXTURES ARE MOUNTED.
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KEYED SECOND FLOOR LIGHTING PLAN NOTES:

- ① ELECTRICAL CONTRACTOR TO WIRE FIXTURES ON CIRCUIT AS NIGHT LIGHTS. WIRE FIXTURES UN-SWITCHED AND "HOT".
- ② ELECTRICAL CONTRACTOR TO WIRE FIXTURE TO LOCAL TOGGLE SWITCH AS INDICATED.



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ELECTRICAL
Matrix Engineering, INC
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Spartanburg, SC 29302
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Project Title : _____

HOME 2 SUITES
GREENWOOD SC

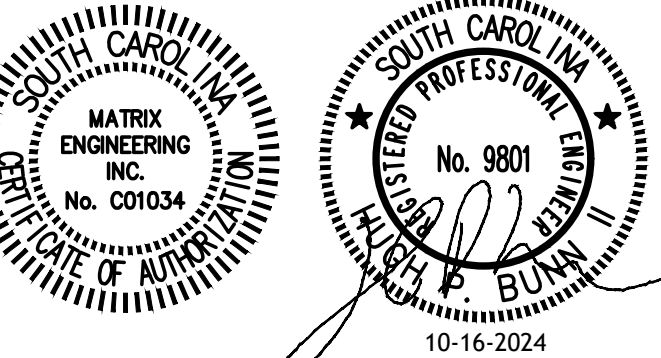
GREENWOOD SC
475 HOSPITALITY BLVD

475 HOSPITALITY BLVD,
GREENWOOD, SC 29649

Client Logo:



Reals :



Revisions :

10.16.2024	Issue For Permit
03.20.2025	100% Issue For Hilton
06.11.2025	Owner revisions/corrections

Project Number : _____

Phase :
FD

date : 04.22.2024

Drawn By :
BY
Checked By :

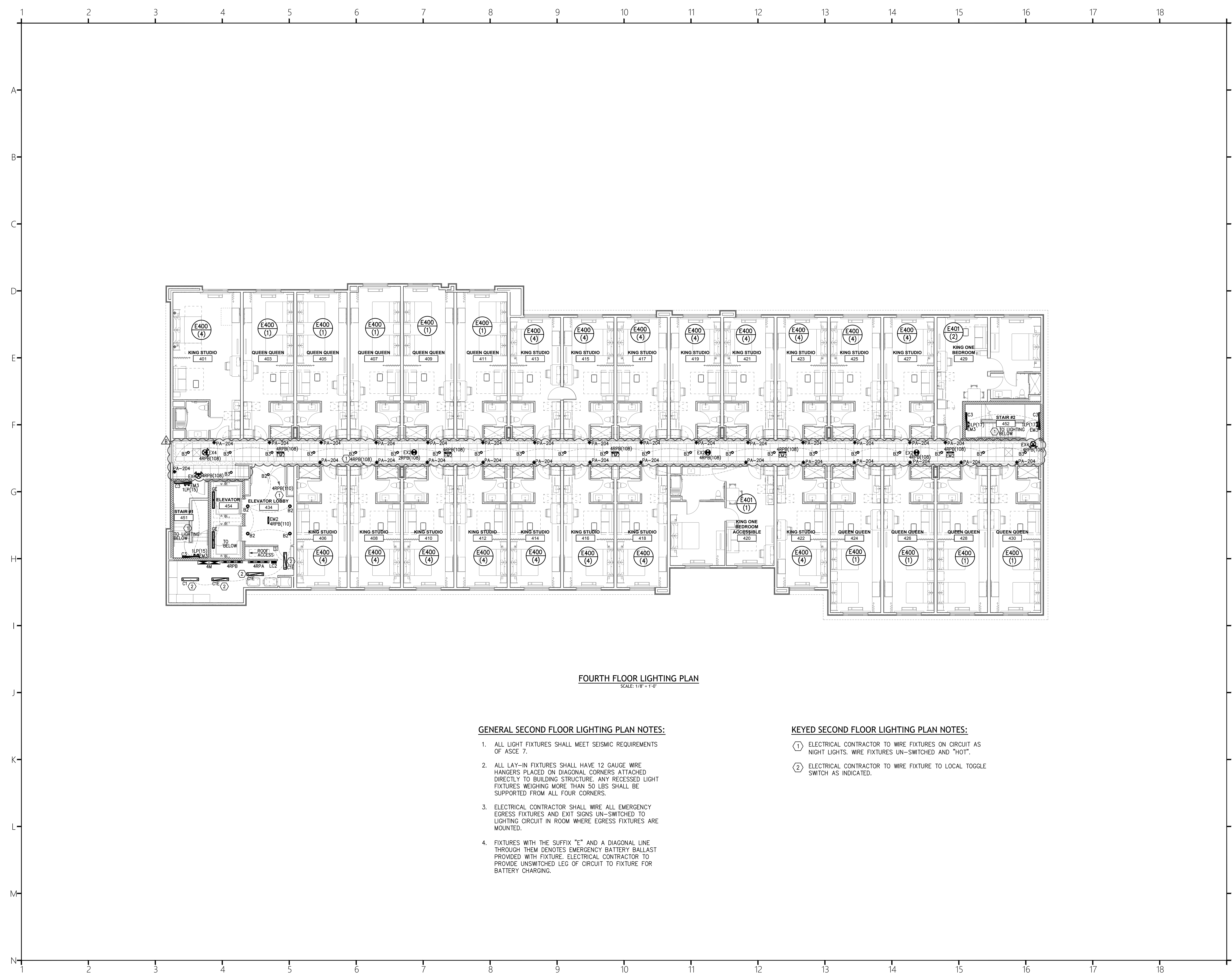
HPB

Sheet Number: 202

E302

Sheet Title :
THIRD FLOOR

THIRD FLOOR
LIGHTING PLAN



FOURTH FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"

GENERAL SECOND FLOOR LIGHTING PLAN NOTES:

1. ALL LIGHT FIXTURES SHALL MEET SEISMIC REQUIREMENTS OF ASCE 7.
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KEYED SECOND FLOOR LIGHTING PLAN NOTES:

- ① ELECTRICAL CONTRACTOR TO WIRE FIXTURES ON CIRCUIT AS NIGHT LIGHTS. WIRE FIXTURES UN-SWITCHED AND "HOT".
- ② ELECTRICAL CONTRACTOR TO WIRE FIXTURE TO LOCAL TOGGLE SWITCH AS INDICATED.

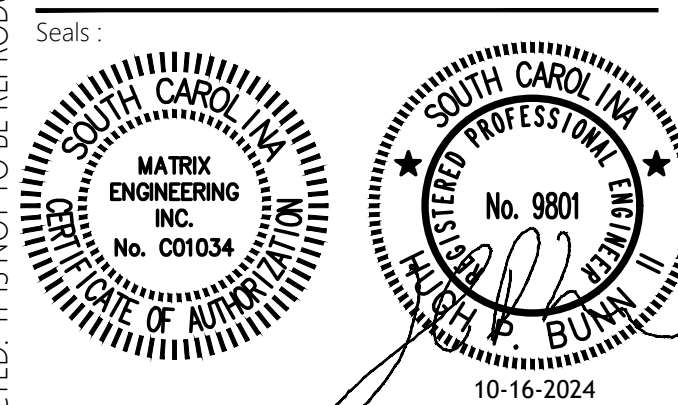


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Project Title:
**HOME 2 SUITES
GREENWOOD SC**
475 HOSPITALITY BLVD,
GREENWOOD, SC 29649



Revisions:		
A	03.20.2025	Issue For Permit
B	06.11.2025	100% Issue For Hilton Owner revisions/corrections

Project Number: 23112
Phase: CD
Date: 04.22.2024
Drawn By: BY
Checked By: HPB
Sheet Number:
E303
Sheet Title:
FOURTH FLOOR
LIGHTING PLAN

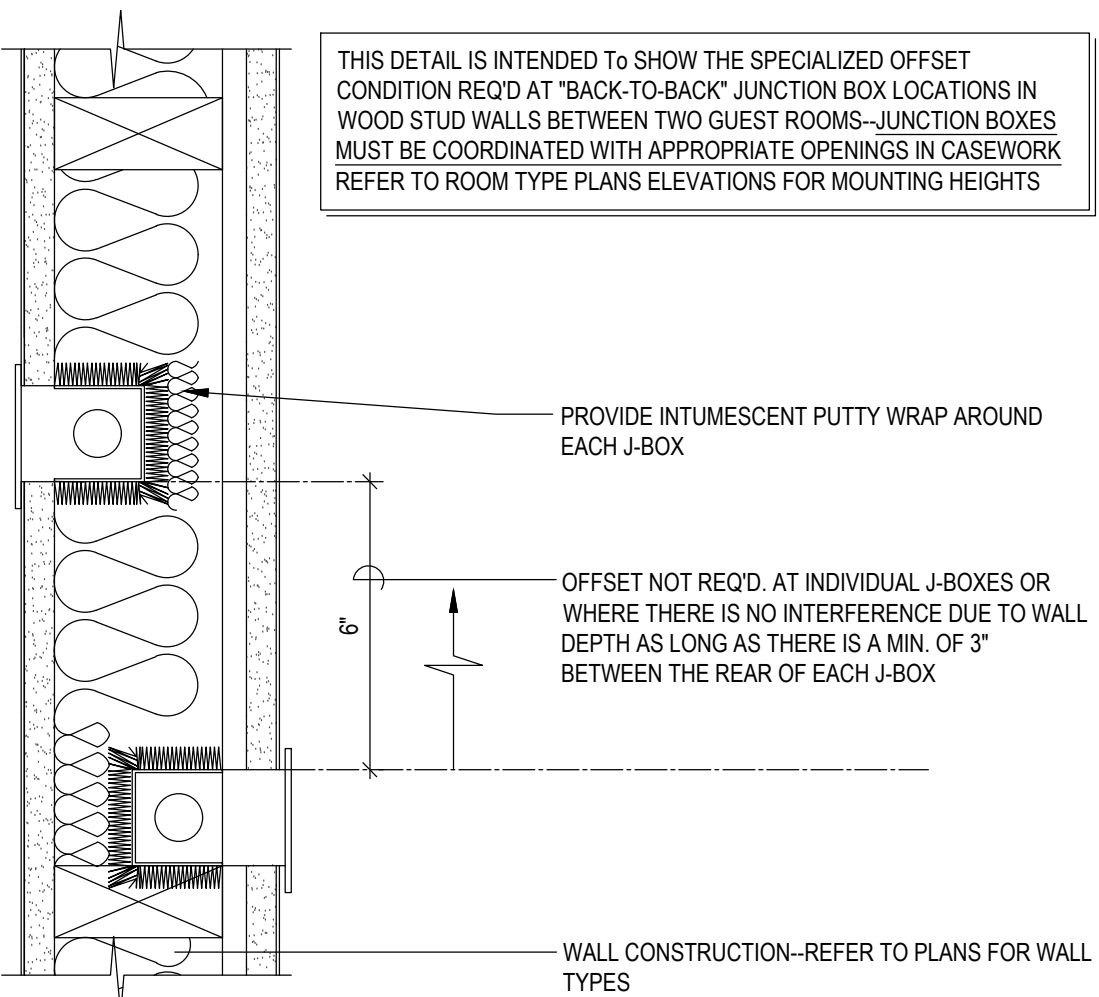
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GENERAL ENLARGED GUEST ROOM NOTES:

1. EXTEND J-BOX, DEVICE & COVER PLATE FLUSH WITH MILLWORK BACK PANEL.
2. PROVIDE (1) CAT6-RJ45 CABLE IN EVERY GUESTROOM ON THE WALL BELOW THE DESK/WORK AREA TERMINATED ON AN 8-PIN RJ45 FEMALE JACK FOR WIRELESS ACCESS POINT INFRASTRUCTURE (LINE POWERED WAP).
3. WHEN A WIRED DATA CONNECTION FOR GUEST IS ALSO PROVIDED, ANOTHER CAT6-RJ45 CABLE TERMINATED ON AN 8-PIN RJ45 FEMALE JACK MUST BE PROVIDED ON THE WALL BELOW THE DESK/WORK AREA. MAINTAIN 6" CLEARANCE FROM ALL OTHER OUTLETS AND DEVICES. A PATCH CORD SHOULD BE PROVIDED AT THE DESKTOP WITH GROMMET FOR GUEST CONVENIENCE.
4. "#RPA" DENOTES GUEST ROOM LIGHTING/RECEPTACLE CIRCUIT TO BE WIRED TO PANEL "RPA" LOCATED ON THE SAME FLOOR AS THE GUESTROOM (ex. PANEL "3RPA" ON FLOOR 3). SEE POWER PLAN ON EACH FLOOR FOR CIRCUIT DESIGNATIONS.
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6. ALL GUEST ROOMS REQUIRE MULTI-TONE SPEAKER WITH 520HZ LOW FREQUENCY OUTPUT IN LIVING AND SLEEPING SPACES.
7. SMOKE DETECTORS ARE REQUIRED IN LIVING AND SLEEPING SPACES.
8. GUESTROOM SMOKE DETECTORS MUST BE PHOTOELECTRIC SMOKE DETECTORS WITH SOUNDER BASES AND BOTH POWERED AND MONITORED BY THE FIRE ALARM CONTROL PANEL (FACP). SOUNDER BASES SHALL PROVIDE A MINIMUM AUDIBLE ALARM OF 85 dBA AT 10', AND A MINIMUM OF 75dBA AT THE PILLOW.
9. ACTIVATION OF GUESTROOM SMOKE DETECTORS SHALL IMMEDIATELY AND AUTOMATICALLY ACTIVATE AN ALARM IN THE DETECTOR SOUNDER BASE AND SEND A SUPERVISORY SIGNAL TO THE FACP. MULTIPLE DETECTORS IN A SINGLE UNIT SHALL BE INTERCONNECTED. INCLUDE IN SEQUENCE OF OPERATIONS AND ENSURE CORRECT ANNUNCIATION.
10. ALL HEARING IMPAIRED ACCESSIBLE DESIGNATED ROOMS SHALL BE PROVIDED WITH AUDIBLE AND VISUAL ALARM STROBES IN THE SLEEPING AREAS AND BATHROOMS. CANDELA RATINGS AND MOUNTING HEIGHTS MUST MEET NFPA 72, 2018.
11. VISUAL STROBE REQUIRED IN RESTROOM FOR HEARING IMPAIRED GUESTROOMS ONLY. SEE LEGEND BELOW FOR GUEST ROOMS REQUIRING VISUAL STROBE IN RESTROOM.
12. SPEAKER STROBE WITH LOW FREQUENCY 520HZ OUTPUT REQUIRED IN LIVING AND SLEEPING SPACES FOR HEARING IMPAIRED GUEST ROOMS ONLY. FOR NON-HEARING IMPAIRED GUEST ROOMS, LIVING AND SLEEPING SPACES REQUIRE SPEAKER ONLY WITH 520HZ LOW FREQUENCY OUTPUT. SEE LEGEND BELOW FOR GUEST ROOMS REQUIRING SPEAKER STROBE.
13. RECEPTACLES WHICH ARE BACK-TO-BACK ON A COMMON WALL SHALL BE OFFSET 6" MINIMUM TO AVOID SOUND TRANSMISSION.

HEARING ACCESSIBLE ROOMS

SHEET	GUEST ROOMS
E500	115, 120, 129
E501	203, 207, 222
E502	319, 322
E503	419



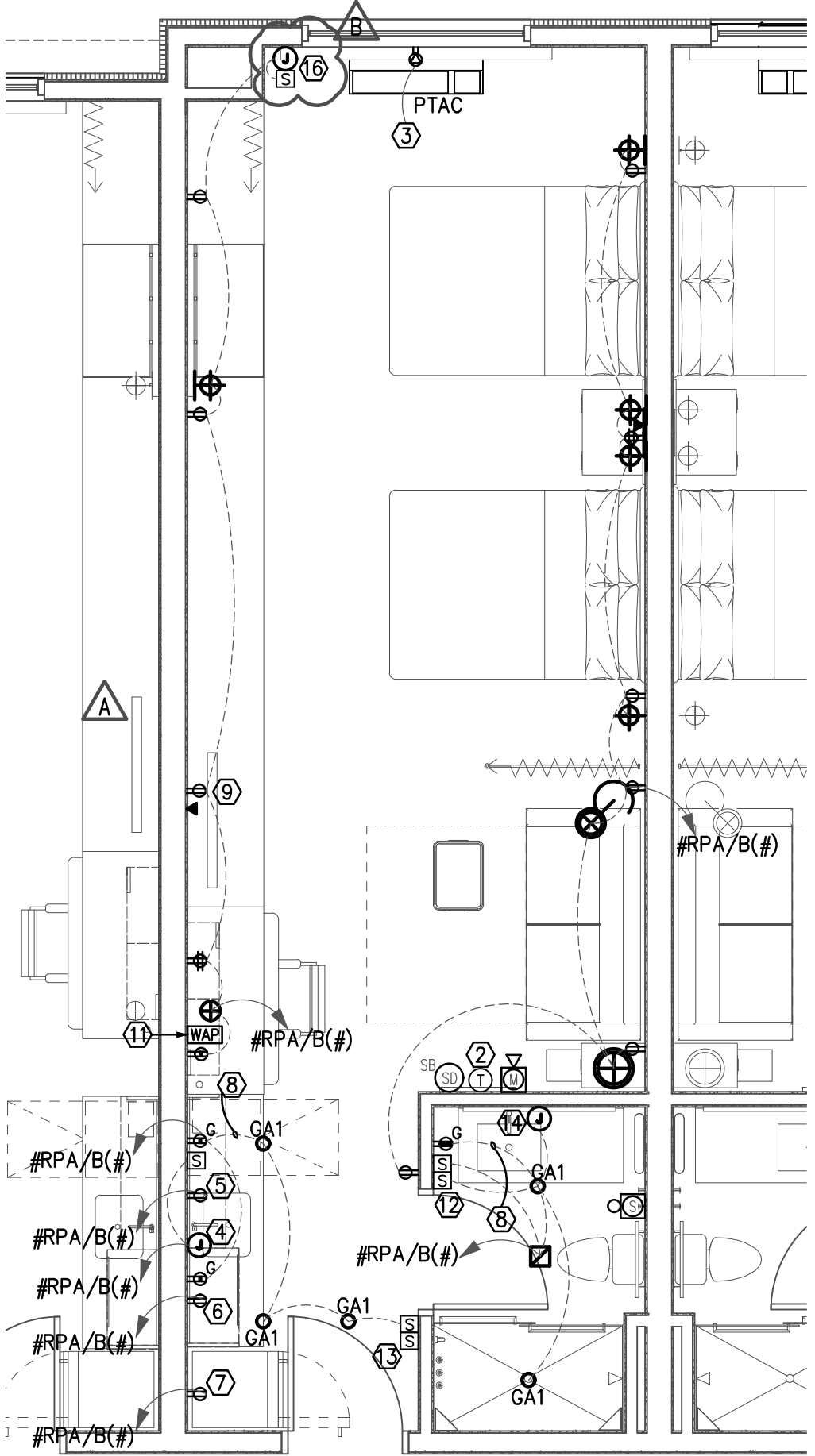
JUNCTION BOX OFFSET DETAIL
SCALE: NONE

KEYED ENLARGED GUEST ROOM NOTES:

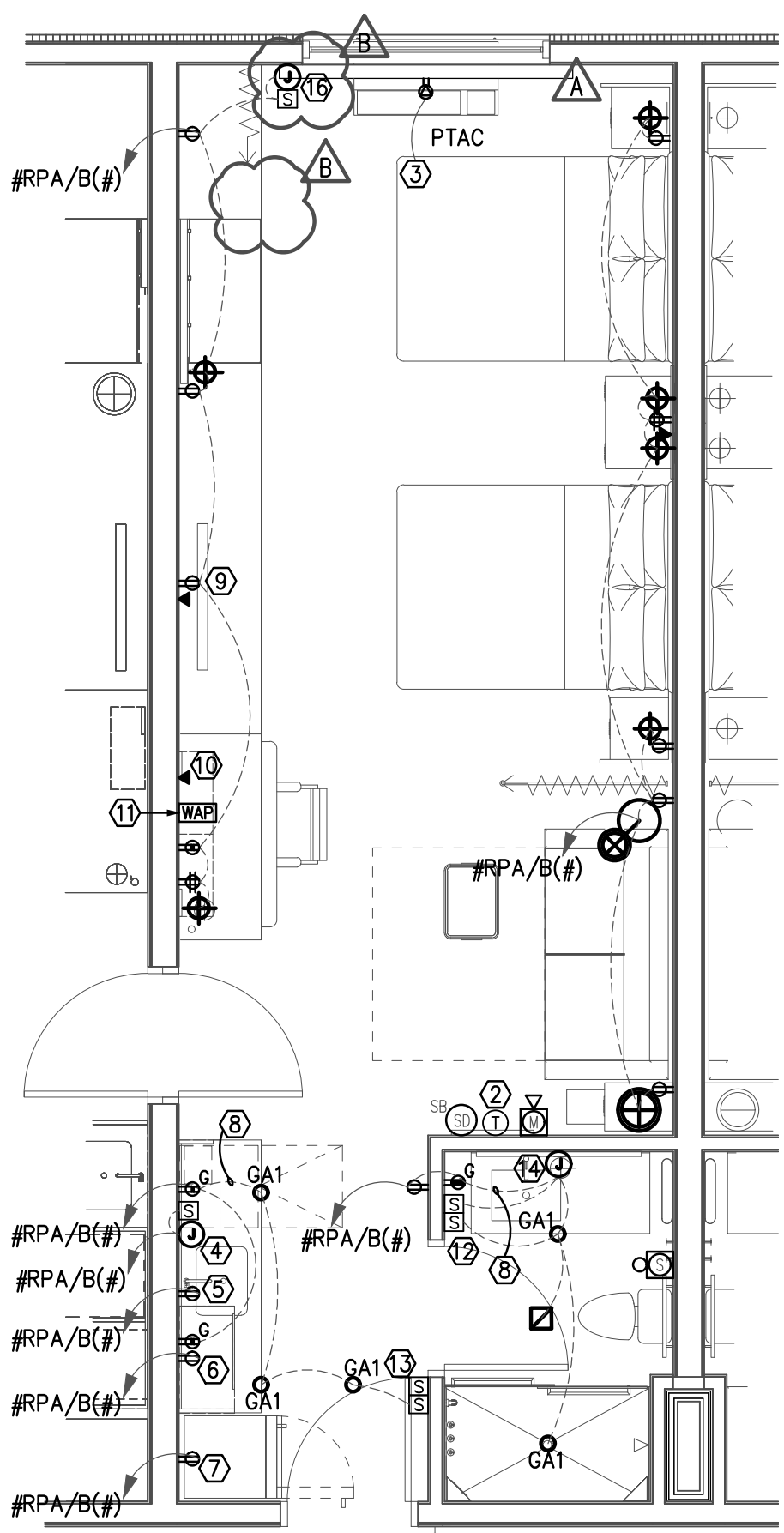
- 1 DENOTES CONNECTION TO BLACKOUT SHEER ROLLER SHADE. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT CUTSHEET PRIOR TO INSTALLATION. ALL WIRES TO BE FULLY CONCEALED, NO WIRES ARE TO BE EXPOSED UNDER ANY CIRCUMSTANCE. PROVIDE SWITCH FOR CONTROL OF MECHANICAL SHADES AS INDICATED. REFER TO FE MANUAL PRIOR TO INSTALLING.
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- 3 DENOTES NEMA 6-20R RECEPTACLE AND HOMERUN FOR PTAC UNIT TO BE WIRED TO 208/120V PANEL ON SAME FLOOR. SEE PANEL SCHEDULES ON SHEETS E003.1 THROUGH E003.4 FOR CIRCUIT DESIGNATIONS.
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- 5 DENOTES APPROXIMATE LOCATION OF DEDICATED RECEPTACLE FOR UNDERCOUNTER DISHWASHER. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ANY ROUGH-IN WORK.
- 6 DENOTES APPROXIMATE LOCATION OF DEDICATED RECEPTACLE MOUNTED HORIZONTALLY FOR MICROWAVE. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ANY ROUGH-IN WORK.
- 7 DENOTES APPROXIMATE LOCATION OF DEDICATED RECEPTACLE FOR REFRIGERATOR. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ANY ROUGH-IN WORK.
- 8 ALL RECEPTACLES FROM THIS POINT SHALL BE CONNECTED TO UNSWITCHED BRANCH CIRCUIT.
- 9 DENOTES TV CONNECTIONS FOR FREE-TO-GUEST CONTENT:
A) NO SMART TV: COAX CABLE BEHIND TV. CAT6 RJ-45 JACK BEHIND TV, RUN IN SMURF TUBE IN WALL TO WAP UNDER DESK. PATCH CORD TO EDGE CONTROLLER FOR CONNECTED ROOM. MIN. 6" CLEARANCE FROM WALL BOXES - OR -
B) SMART TV-INTERNET PROTOCOL TELEVISION (IPTV): COAX NOT REQUIRED. CAT6 RJ-45 JACK BEHIND TV RUN IN SMURF TUBE IN WALL TO WAP UNDER DESK. PATCH CORD TO EDGE CONTROLLER FOR CONNECTED ROOM. CAT6 RJ-45 JACK BEHIND TV IN ONE-BEDROOM TV, MIN. 6" CLEARANCE FROM WALL BOXES. VISIT HILTONHDTV.COM FOR ADDITIONAL INFORMATION.
- 10 DENOTES OPTIONAL WIRED DATA CONNECTION FOR GUEST USE:
A) ADD CAT6 RJ-45 CABLE JACK AND PATCH CORD THROUGH DESKTOP GROMMET - OR -
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- 11 DENOTES WIRELESS ACCESS POINT IN 3-GANG BOX MOUNTED VERTICALLY UNDER DESK. MAINTAIN 6" BETWEEN ALL BOXES, TYP. ALL GUESTROOMS. COORDINATE WAP LOCATION WITH ARCHITECT, MILLWORK, AND CASEGOODS TO AVOID CONFLICTS. VISIT CONNECTEDROOM.HILTON.COM FOR CURRENT WIRELESS INTERNET REQUIREMENTS AND LIST OF APPROVED INTEGRATORS.
- 12 IN BATHROOM LOCATIONS ONLY, LIGHT SWITCH EQUIPPED WITH "LITE-A-SWITCH" LED BACKLIT FACEPLATE, UNIVERSAL SERIES CLEAR SWITCH WITH PLATE - MAINTAIN 2" DISTANCE FROM ALL OTHER DEVICES. MOUNTED SO TOP OF SWITCH IS 48" MAX A.F.F.
- 13 DENOTES AUDIO-VISUAL DOOR ALERT AND DOORBELL ON/OFF SWITCH REQUIRED FOR HEARING IMPAIRED GUESTROOMS ONLY. PROVIDE HOTEL ROOM ANNUNCIATOR KIT EDWARDS OFA SERIES 7005-G5 OR EQUAL AND ON/OFF SWITCH. ANNUNCIATOR KIT TO INCLUDE TRANSFORMER, STROBE AND PUSHBUTTON. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL REQUIRED COMPONENTS. INSTALL TRANSFORMER IN ACCESSIBLE LOCATION ABOVE CEILING IN CORRIDOR. INSTALL PERMANENT LABEL ABOVE SWITCH THAT STATES, "TURN SWITCH ON TO ENABLE HEARING IMPAIRED NOTIFICATION DEVICE." SEE LEGEND ON LEFT FOR HEARING IMPAIRED GUEST ROOMS.
- 14 DENOTES JUNCTION BOX FOR VANITY MIRROR GR-501 TO BE CONTROLLED BY LIGHTING SWITCH IN RESTROOM. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT CUTSHEET PRIOR TO INSTALLATION. ALL WIRES TO BE FULLY CONCEALED, NO WIRES ARE TO BE EXPOSED UNDER ANY CIRCUMSTANCE. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ANY ROUGH-IN WORK.
- 15 DELETED
- 16 DENOTES APPROXIMATE LOCATION OF IN-WALL JUNCTION BOX MOUNTED 5'-6" AFF FOR WALL MOUNTED LIGHT FIXTURE. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL (1) WALL MOUNTED TOGGLE SWITCH FOR CONTROL OF FIXTURE. MOUNT SWITCH BELOW AT 3'-6" AFF. ALL WIRES TO BE FULLY CONCEALED, NO WIRES ARE TO BE EXPOSED UNDER ANY CIRCUMSTANCE.

FIRE ALARM LEGEND

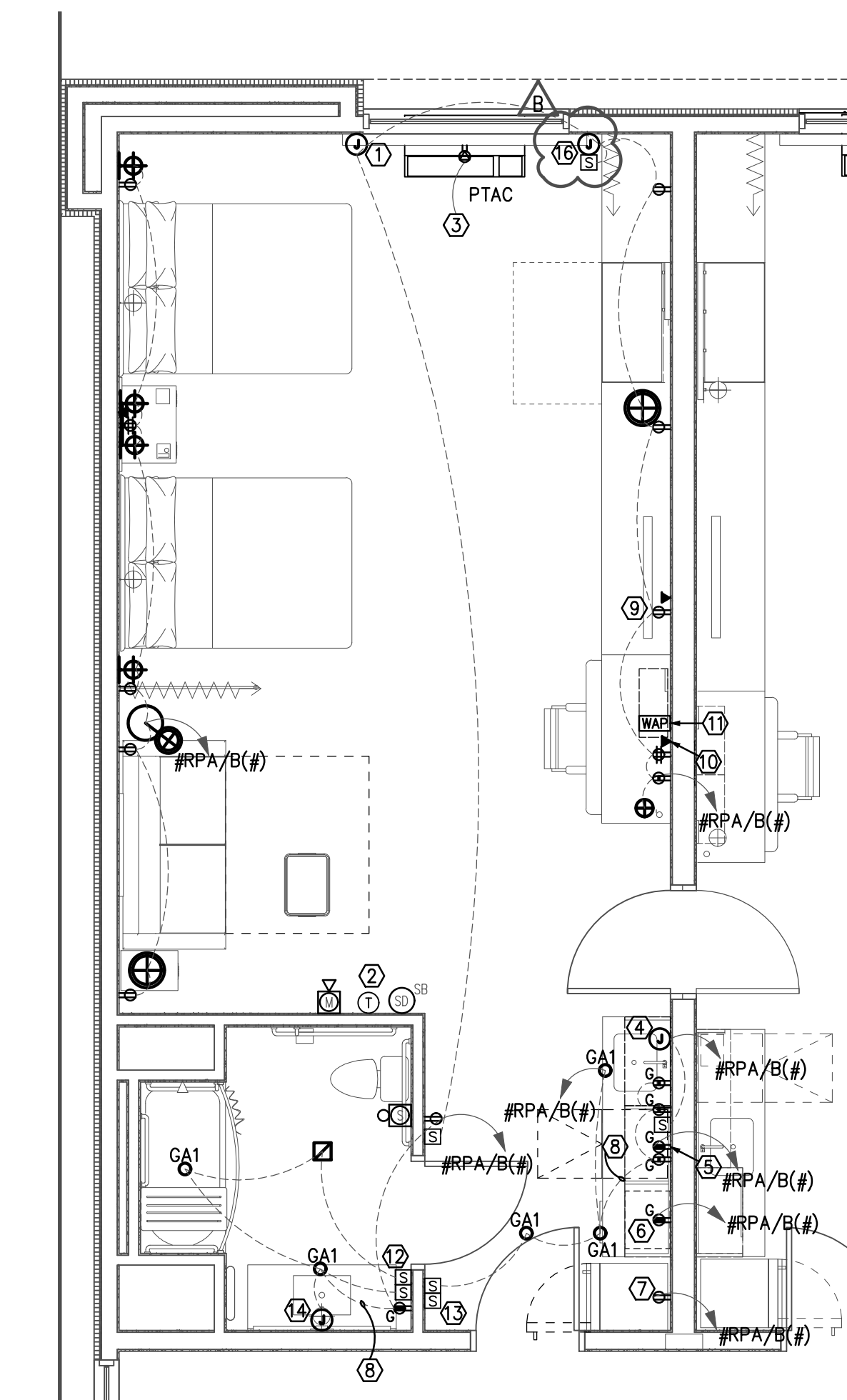
- SB SOUNDER BASE SMOKE DETECTOR (LOW FREQUENCY)
- Speaker/Strobe with 520Hz (Low Frequency)
- Speaker with 520Hz (Low Frequency)



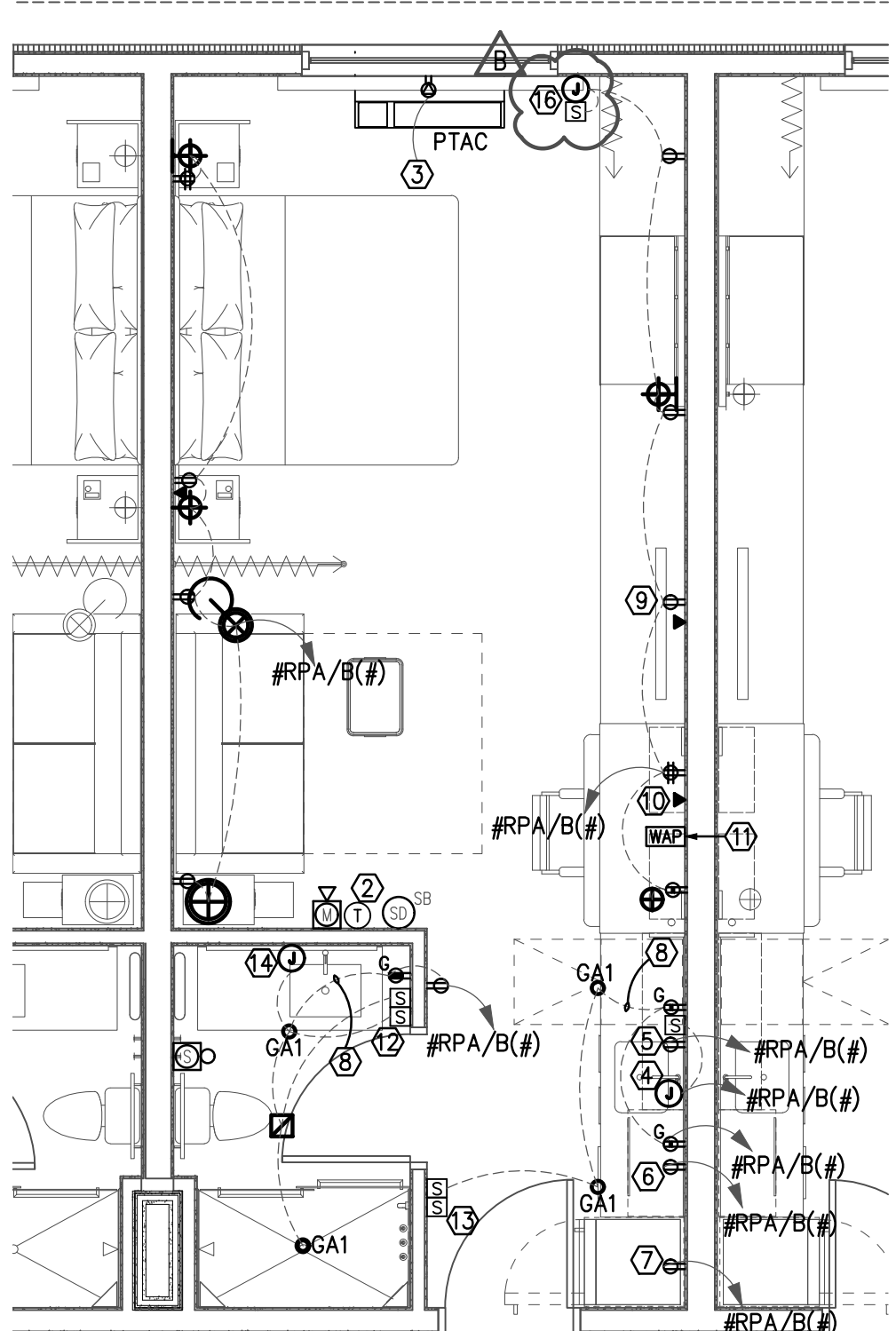
1 QUEEN STUDIO SUITE ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



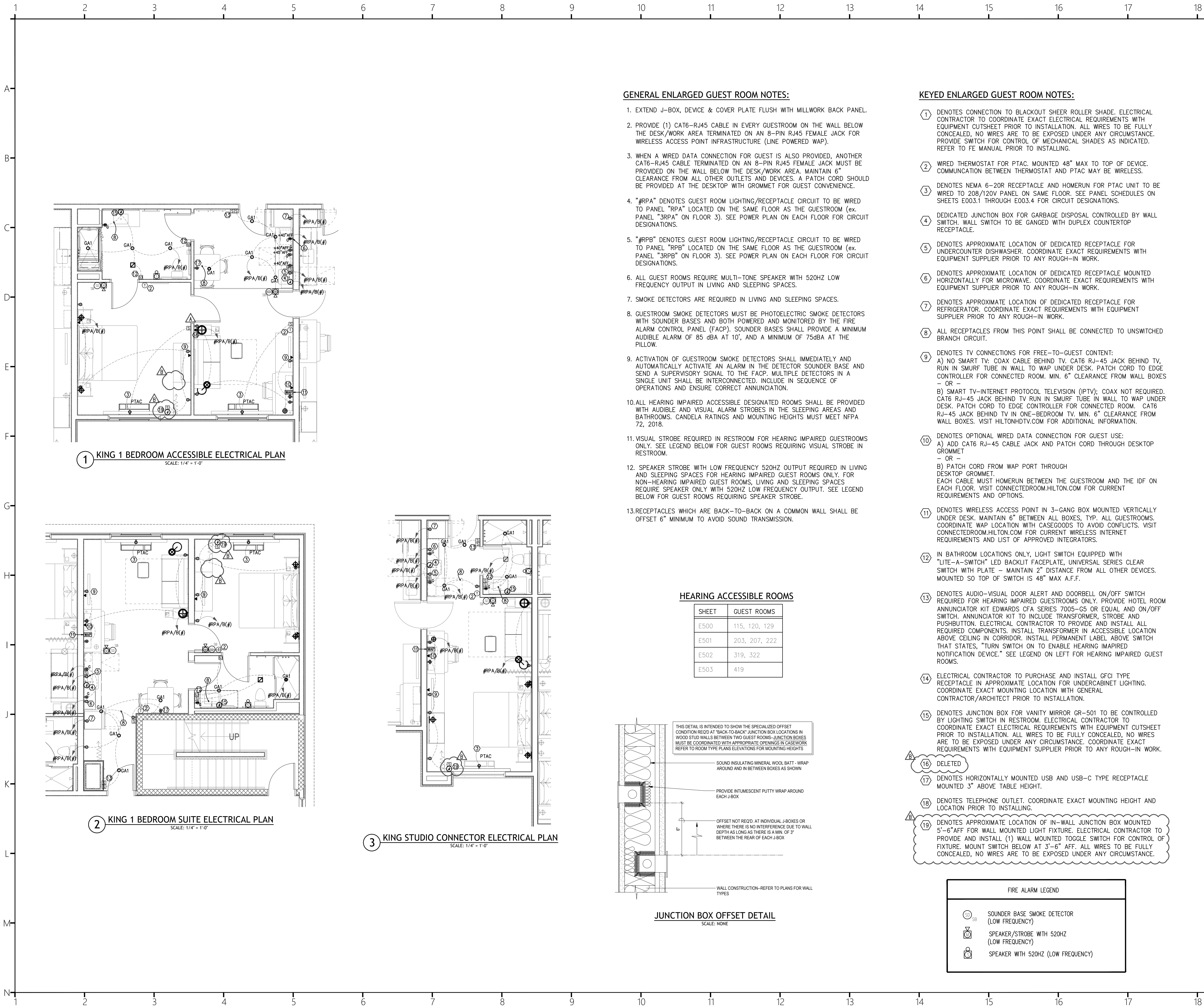
2 QUEEN STUDIO CONNECTOR ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



3 QUEEN STUDIO ACCESSIBLE ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



4 KING STUDIO SUITE ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

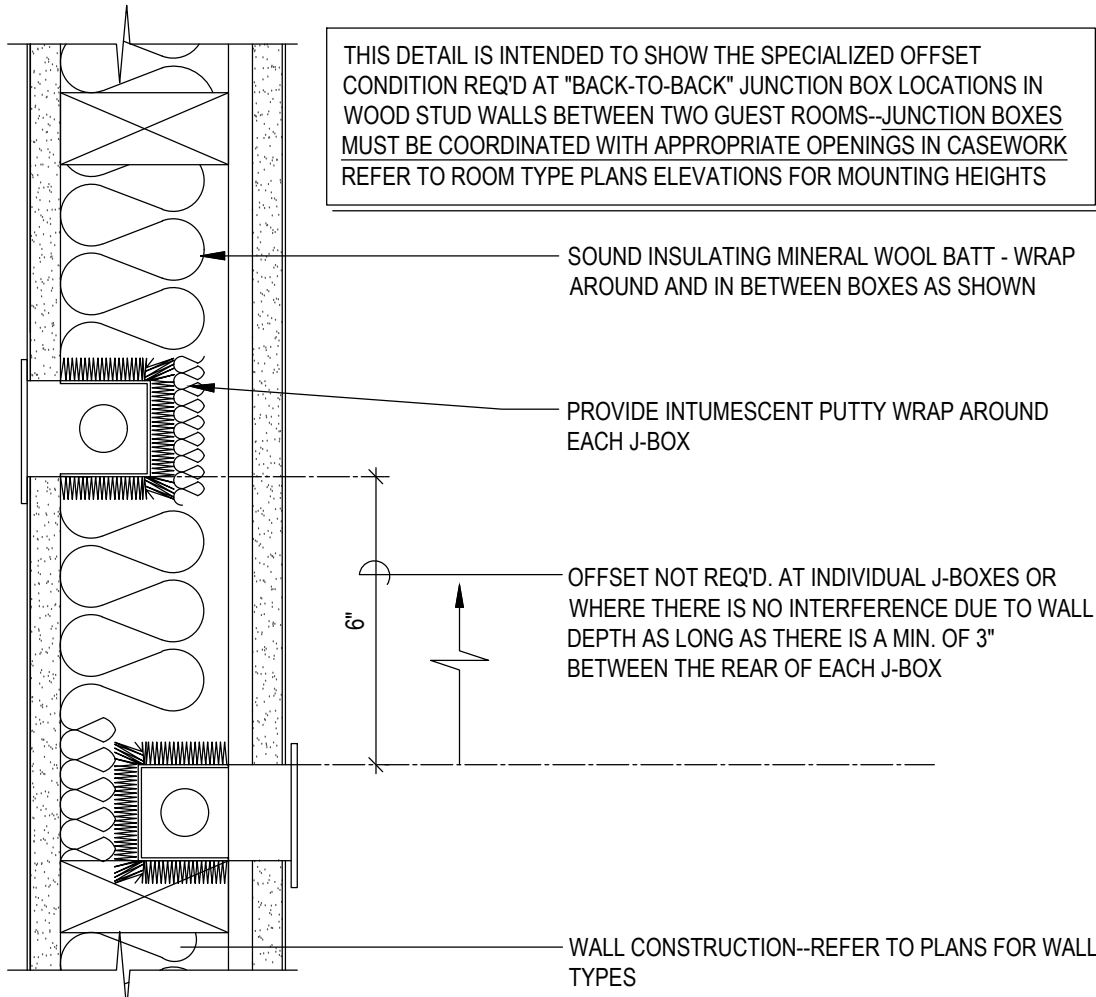


GENERAL ENLARGED GUEST ROOM NOTES:

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HEARING ACCESSIBLE ROOMS

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E500	115, 120, 129
E501	203, 207, 222
E502	319, 322
E503	419



JUNCTION BOX OFFSET DETAIL
SCALE: NONE

KEYED ENLARGED GUEST ROOM NOTES:

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- 15 DENOTES JUNCTION BOX FOR VANITY MIRROR GR-501 TO BE CONTROLLED BY LIGHTING SWITCH IN RESTROOM. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT CUTSHEET PRIOR TO INSTALLATION. ALL WIRES TO BE FULLY CONCEALED, NO WIRES ARE TO BE EXPOSED UNDER ANY CIRCUMSTANCE. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ANY ROUGH-IN WORK.
- 16 DELETED
- 17 DENOTES HORIZONTALLY MOUNTED USB AND USB-C TYPE RECEPTACLE MOUNTED 3" ABOVE TABLE HEIGHT.
- 18 DENOTES TELEPHONE OUTLET. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION PRIOR TO INSTALLING.
- 19 DENOTES APPROXIMATE LOCATION OF IN-WALL JUNCTION BOX MOUNTED 5'-6" AFF FOR WALL MOUNTED LIGHT FIXTURE. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL (1) WALL MOUNTED TOGGLE SWITCH FOR CONTROL OF FIXTURE. MOUNT SWITCH BELOW AT 3'-6" AFF. ALL WIRES TO BE FULLY CONCEALED, NO WIRES ARE TO BE EXPOSED UNDER ANY CIRCUMSTANCE.

FIRE ALARM LEGEND	
	SOUNDER BASE SMOKE DETECTOR (LOW FREQUENCY)
	SPEAKER/STROBE WITH 520HZ (LOW FREQUENCY)
	SPEAKER WITH 520HZ (LOW FREQUENCY)



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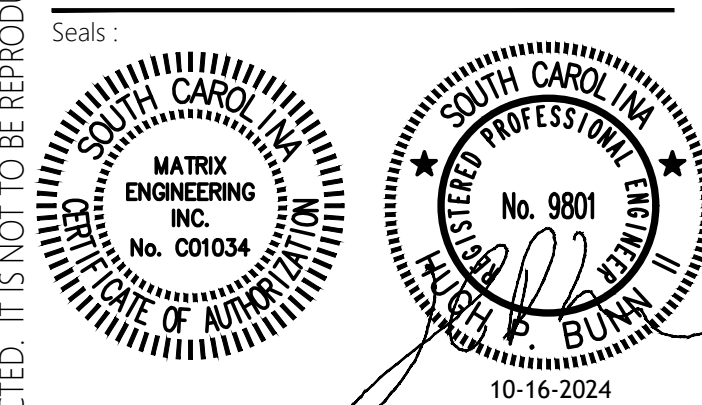
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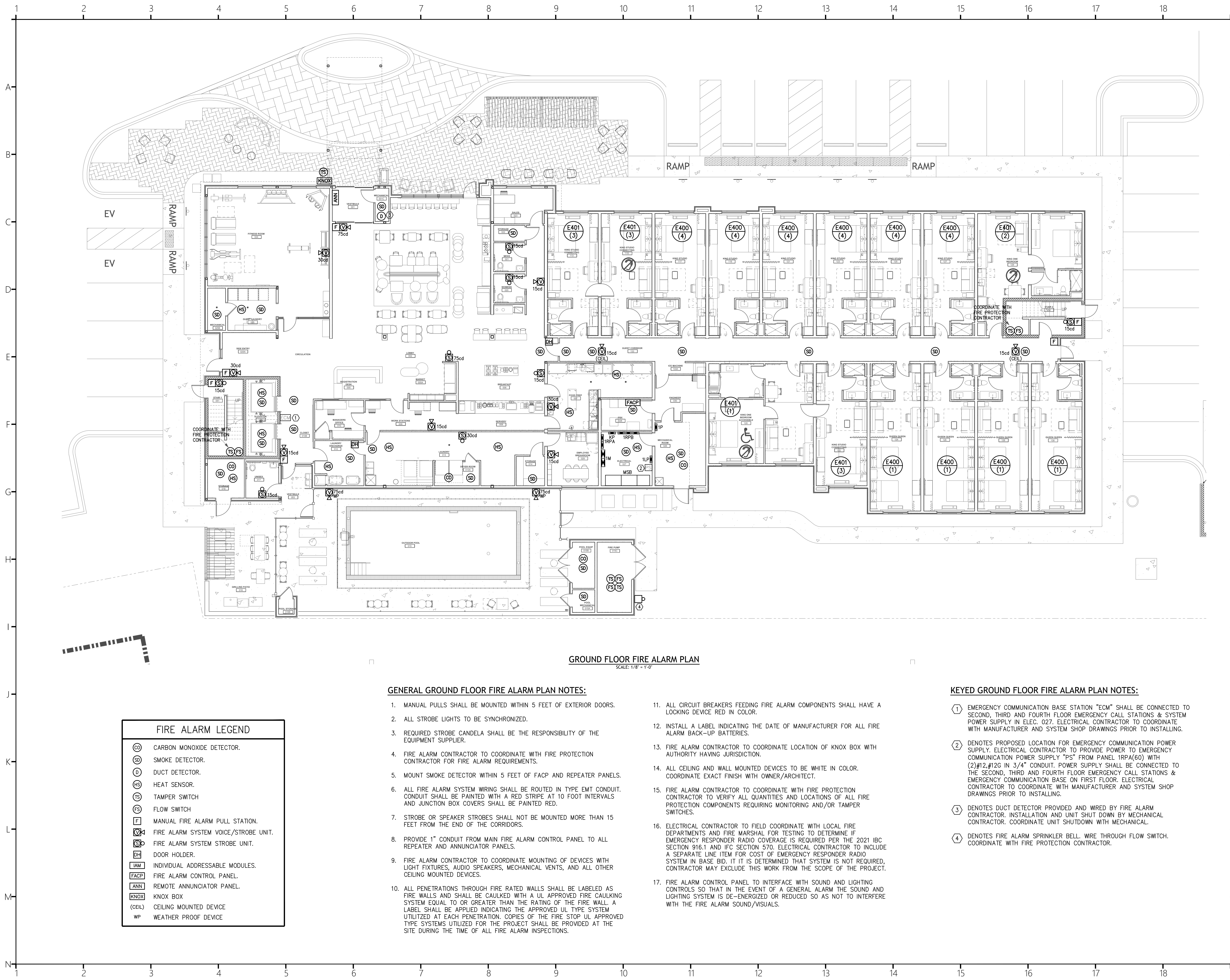
Project Title:
**HOME 2 SUITES
GREENWOOD SC**
475 HOSPITALITY BLVD,
GREENWOOD, SC 29649

Client Logo:



Revisions:
A 10.16.2024 Issue For Permit
B 03.20.2025 100% Issue For Hilton
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Project Number: 23112
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Drawn By: BY
Checked By: HPB
Sheet Number:
E401
Sheet Title:
ENLARGED GUEST ROOMS PLANS



GROUND FLOOR FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"

FIRE ALARM LEGEND	
(CO)	CARBON MONOXIDE DETECTOR.
(SD)	SMOKE DETECTOR.
(D)	DUCT DETECTOR.
(HS)	HEAT SENSOR.
(TS)	TAMPER SWITCH
(FS)	FLOW SWITCH
(F)	MANUAL FIRE ALARM PULL STATION.
(V)	FIRE ALARM SYSTEM VOICE/STROBE UNIT.
(S)	FIRE ALARM SYSTEM STROBE UNIT.
(DH)	DOOR HOLDER.
(IAM)	INDIVIDUAL ADDRESSABLE MODULES.
(FACP)	FIRE ALARM CONTROL PANEL.
(ANN)	REMOTE ANNUNCIATOR PANEL.
(KNOX)	KNOX BOX
(CEIL)	CEILING MOUNTED DEVICE
(WP)	WEATHER PROOF DEVICE

GENERAL GROUND FLOOR FIRE ALARM PLAN NOTES:

- MANUAL PULLS SHALL BE MOUNTED WITHIN 5 FEET OF EXTERIOR DOORS.
- ALL STROBE LIGHTS TO BE SYNCHRONIZED.
- REQUIRED STROBE CANDELA SHALL BE THE RESPONSIBILITY OF THE EQUIPMENT SUPPLIER.
- FIRE ALARM CONTRACTOR TO COORDINATE WITH FIRE PROTECTION CONTRACTOR FOR FIRE ALARM REQUIREMENTS.
- MOUNT SMOKE DETECTOR WITHIN 5 FEET OF FACP AND REPEATER PANELS.
- ALL FIRE ALARM SYSTEM WIRING SHALL BE ROUTED IN TYPE EMT CONDUIT. CONDUIT SHALL BE PAINTED WITH A RED STRIPE AT 10 FOOT INTERVALS AND JUNCTION BOX COVERS SHALL BE PAINTED RED.
- STROBE OR SPEAKER STROBES SHALL NOT BE MOUNTED MORE THAN 15 FEET FROM THE END OF THE CORRIDORS.
- PROVIDE 1" CONDUIT FROM MAIN FIRE ALARM CONTROL PANEL TO ALL REPEATER AND ANNUNCIATOR PANELS.
- FIRE ALARM CONTRACTOR TO COORDINATE MOUNTING OF DEVICES WITH LIGHT FIXTURES, AUDIO SPEAKERS, MECHANICAL VENTS, AND ALL OTHER CEILING MOUNTED DEVICES.
- ALL PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE LABELED AS FIRE WALLS AND SHALL BE CAULKED WITH A UL APPROVED FIRE CAULKING SYSTEM EQUAL TO OR GREATER THAN THE RATING OF THE FIRE WALL. A LABEL SHALL BE APPLIED INDICATING THE APPROVED UL TYPE SYSTEM UTILITIZED AT EACH PENETRATION. COPIES OF THE FIRE STOP UL APPROVED TYPE SYSTEMS UTILIZED FOR THE PROJECT SHALL BE PROVIDED AT THE SITE DURING THE TIME OF ALL FIRE ALARM INSPECTIONS.
- ALL CIRCUIT BREAKERS FEEDING FIRE ALARM COMPONENTS SHALL HAVE A LOCKING DEVICE RED IN COLOR.
- INSTALL A LABEL INDICATING THE DATE OF MANUFACTURER FOR ALL FIRE ALARM BACK-UP BATTERIES.
- FIRE ALARM CONTRACTOR TO COORDINATE LOCATION OF KNOX BOX WITH AUTHORITY HAVING JURISDICTION.
- ALL CEILING AND WALL MOUNTED DEVICES TO BE WHITE IN COLOR. COORDINATE EXACT FINISH WITH OWNER/ARCHITECT.
- FIRE ALARM CONTRACTOR TO COORDINATE WITH FIRE PROTECTION CONTRACTOR TO VERIFY ALL QUANTITIES AND LOCATIONS OF ALL FIRE PROTECTION COMPONENTS REQUIRING MONITORING AND/OR TAMPER SWITCHES.
- ELECTRICAL CONTRACTOR TO FIELD COORDINATE WITH LOCAL FIRE DEPARTMENTS AND FIRE MARSHAL FOR TESTING TO DETERMINE IF EMERGENCY RESPONDER RADIO COVERAGE IS REQUIRED PER THE 2021 IBC SECTION 916.1 AND IFC SECTION 570. ELECTRICAL CONTRACTOR TO INCLUDE A SEPARATE LINE ITEM FOR COST OF EMERGENCY RESPONDER RADIO SYSTEM IN BASE BID. IF IT IS DETERMINED THAT SYSTEM IS NOT REQUIRED, CONTRACTOR MAY EXCLUDE THIS WORK FROM THE SCOPE OF THE PROJECT.
- FIRE ALARM CONTROL PANEL TO INTERFACE WITH SOUND AND LIGHTING CONTROLS SO THAT IN THE EVENT OF A GENERAL ALARM THE SOUND AND LIGHTING SYSTEM IS DE-ENERGIZED OR REDUCED SO AS NOT TO INTERFERE WITH THE FIRE ALARM SOUND/VISUALS.

KEYED GROUND FLOOR FIRE ALARM PLAN NOTES:

- EMERGENCY COMMUNICATION BASE STATION "ECM" SHALL BE CONNECTED TO SECOND, THIRD AND FOURTH FLOOR EMERGENCY CALL STATIONS & SYSTEM POWER SUPPLY IN ELEC. 027. ELECTRICAL CONTRACTOR TO COORDINATE WITH MANUFACTURER AND SYSTEM SHOP DRAWINGS PRIOR TO INSTALLING.
- DENOTES PROPOSED LOCATION FOR EMERGENCY COMMUNICATION POWER SUPPLY. ELECTRICAL CONTRACTOR TO PROVIDE POWER TO EMERGENCY COMMUNICATION POWER SUPPLY "PS" FROM PANEL 1RPA(60) WITH (2)#12,#12G IN 3/4" CONDUIT. POWER SUPPLY SHALL BE CONNECTED TO THE SECOND, THIRD AND FOURTH FLOOR EMERGENCY CALL STATIONS & EMERGENCY COMMUNICATION BASE ON FIRST FLOOR. ELECTRICAL CONTRACTOR TO COORDINATE WITH MANUFACTURER AND SYSTEM SHOP DRAWINGS PRIOR TO INSTALLING.
- DENOTES DUCT DETECTOR PROVIDED AND WIRED BY FIRE ALARM CONTRACTOR. INSTALLATION AND UNIT SHUT DOWN BY MECHANICAL CONTRACTOR. COORDINATE UNIT SHUTDOWN WITH MECHANICAL.
- DENOTES FIRE ALARM SPRINKLER BELL. WIRE THROUGH FLOW SWITCH. COORDINATE WITH FIRE PROTECTION CONTRACTOR.

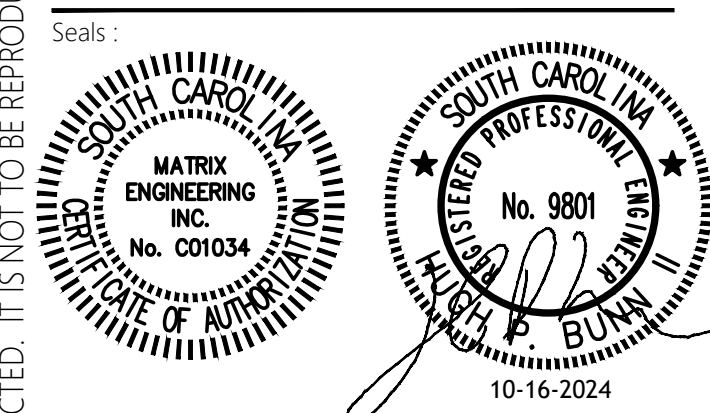


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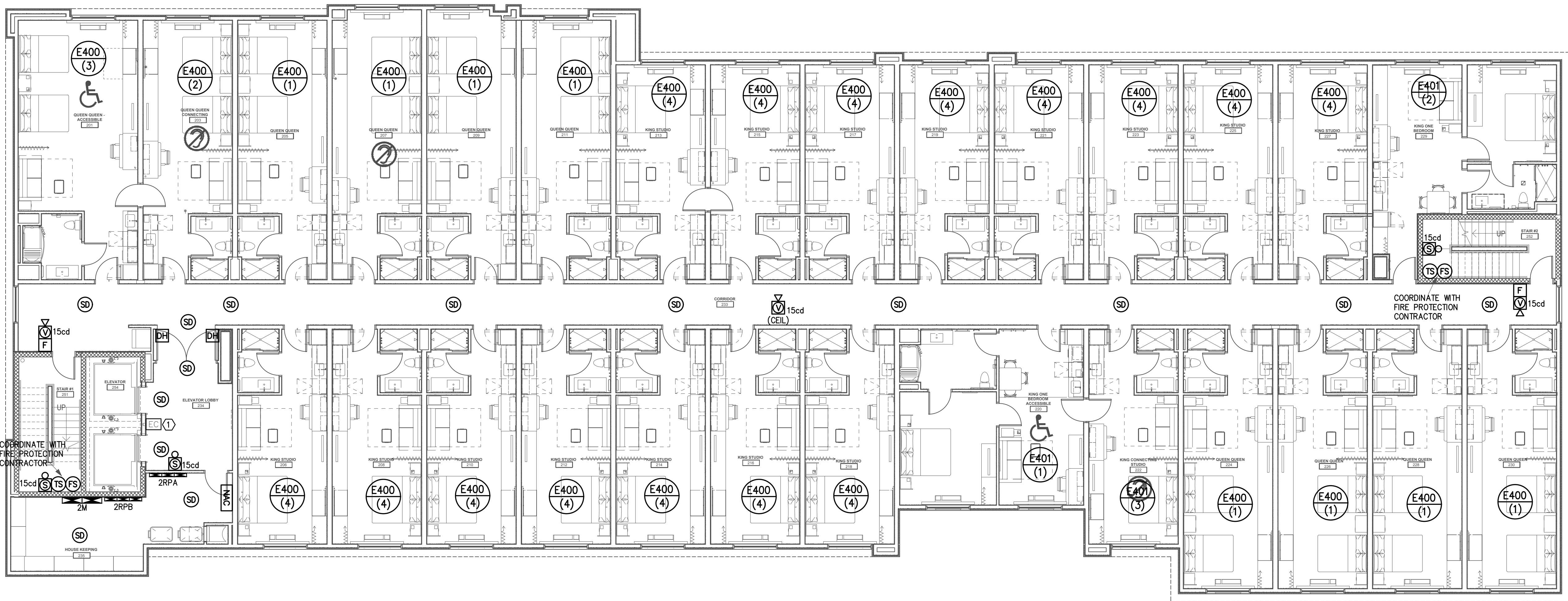
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Date: 04.22.2024
Drawn By: BY
Checked By: HBP

Sheet Number:
E500
Sheet Title:
GROUND FLOOR
FIRE ALARM PLAN



SECOND FLOOR FIRE ALARM FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL FIRE ALARM PLAN NOTES:

- MANUAL PULLS SHALL BE MOUNTED WITHIN 5 FEET OF EXTERIOR DOORS.
- ALL STROBE LIGHTS TO BE SYNCHRONIZED.
- REQUIRED STROBE CANDELA SHALL BE THE RESPONSIBILITY OF THE EQUIPMENT SUPPLIER.
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FIRE ALARM LEGEND

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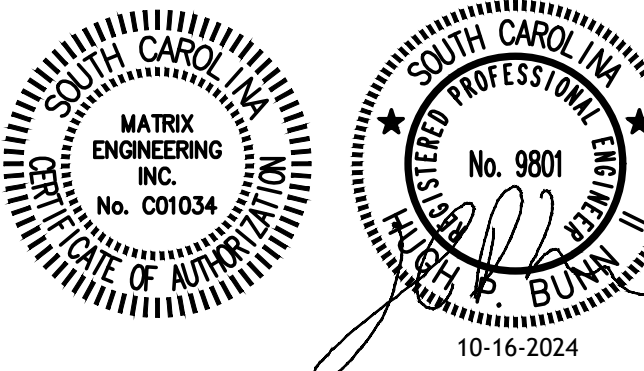
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Client Logo:



Seals:



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A	10.16.2024	Issue For Permit
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Project Number:

23112

Phase:

CD

Date:

04.22.2024

Drawn By:

BY

Checked By:

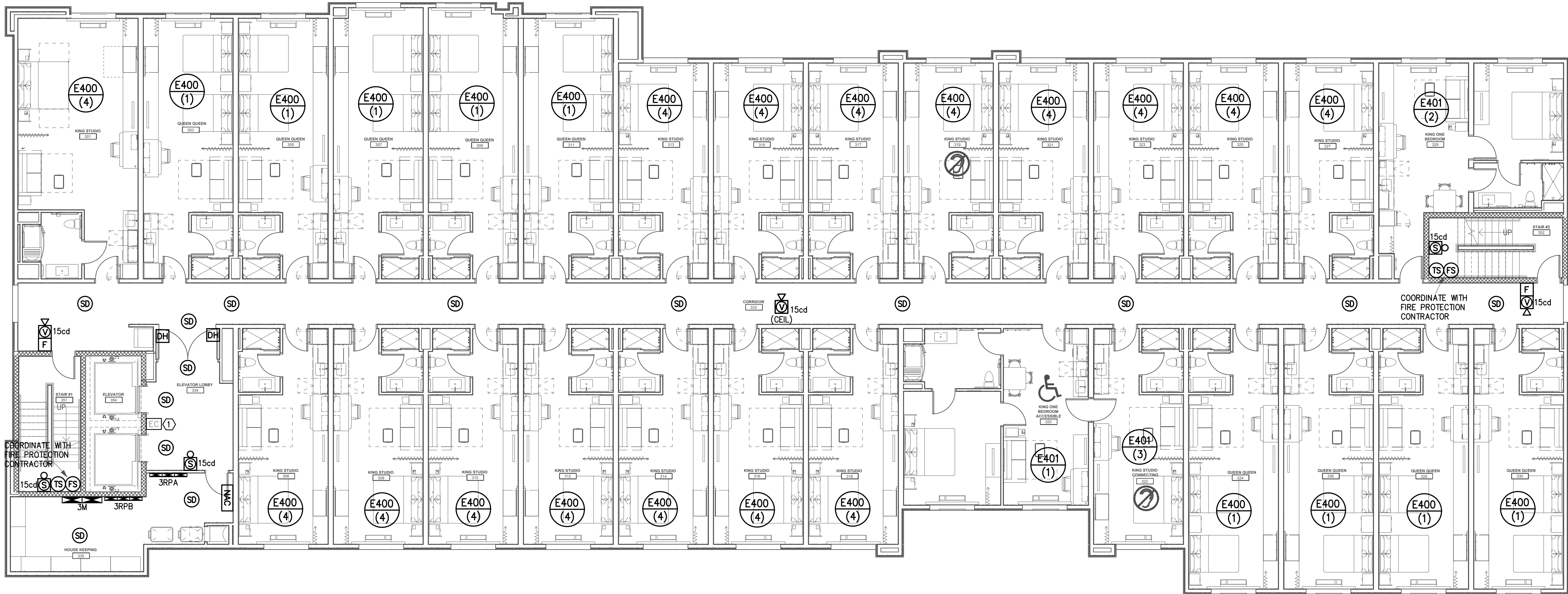
HPB

Sheet Number:

E501

Sheet Title:

SECOND FLOOR
FIRE ALARM PLAN



THIRD FLOOR FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"

GENERAL FIRE ALARM PLAN NOTES:

- MANUAL PULLS SHALL BE MOUNTED WITHIN 5 FEET OF EXTERIOR DOORS.
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KEYED FIRE ALARM PLAN NOTES:

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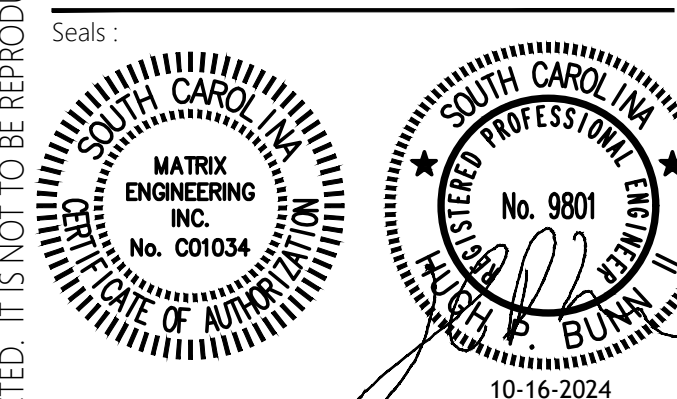
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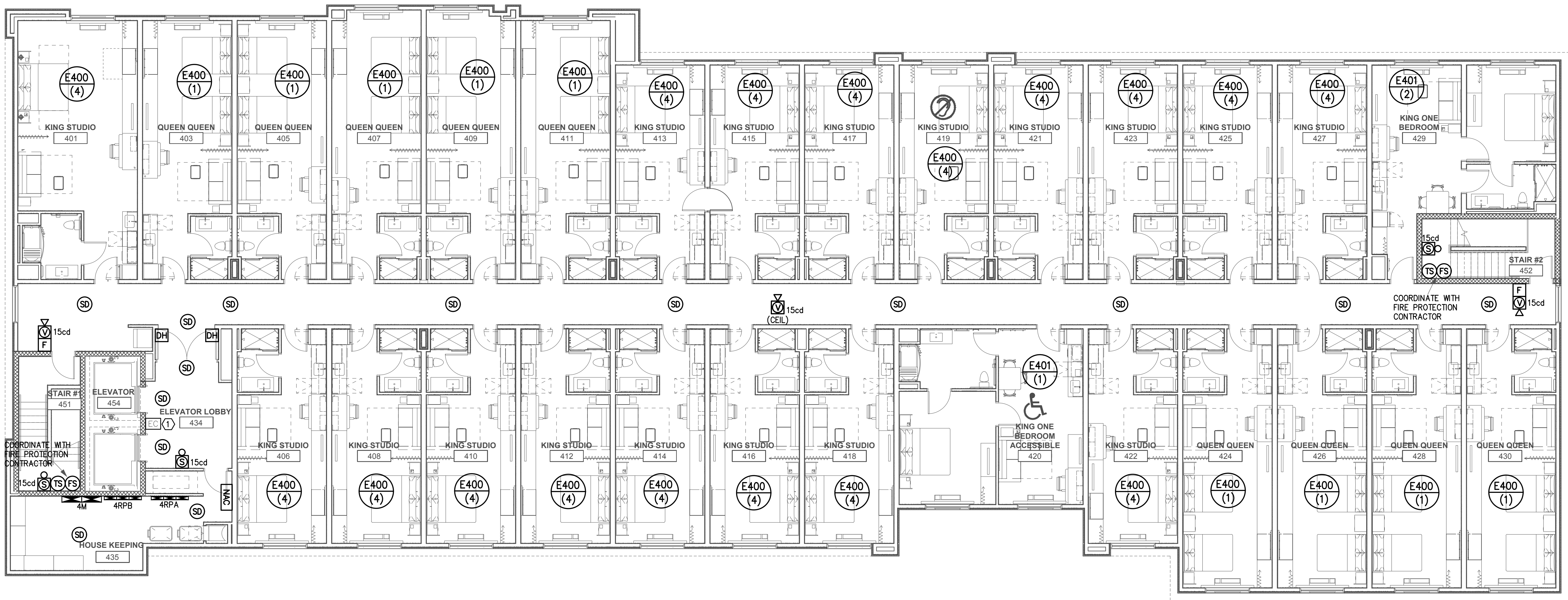
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Client Logo:



Revisions:
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Date : 04.22.2024
Drawn By : BY
Checked By : HPB
Sheet Number:
E502
Sheet Title:
THIRD FLOOR
FIRE ALARM PLAN



FOURTH FLOOR FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"

GENERAL FIRE ALARM PLAN NOTES:

- MANUAL PULLS SHALL BE MOUNTED WITHIN 5 FEET OF EXTERIOR DOORS.
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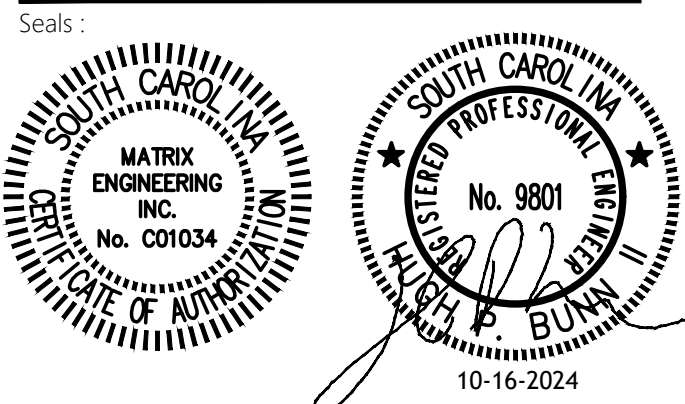
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Project Title:
**HOME 2 SUITES
GREENWOOD SC**
475 HOSPITALITY BLVD,
GREENWOOD, SC 29649

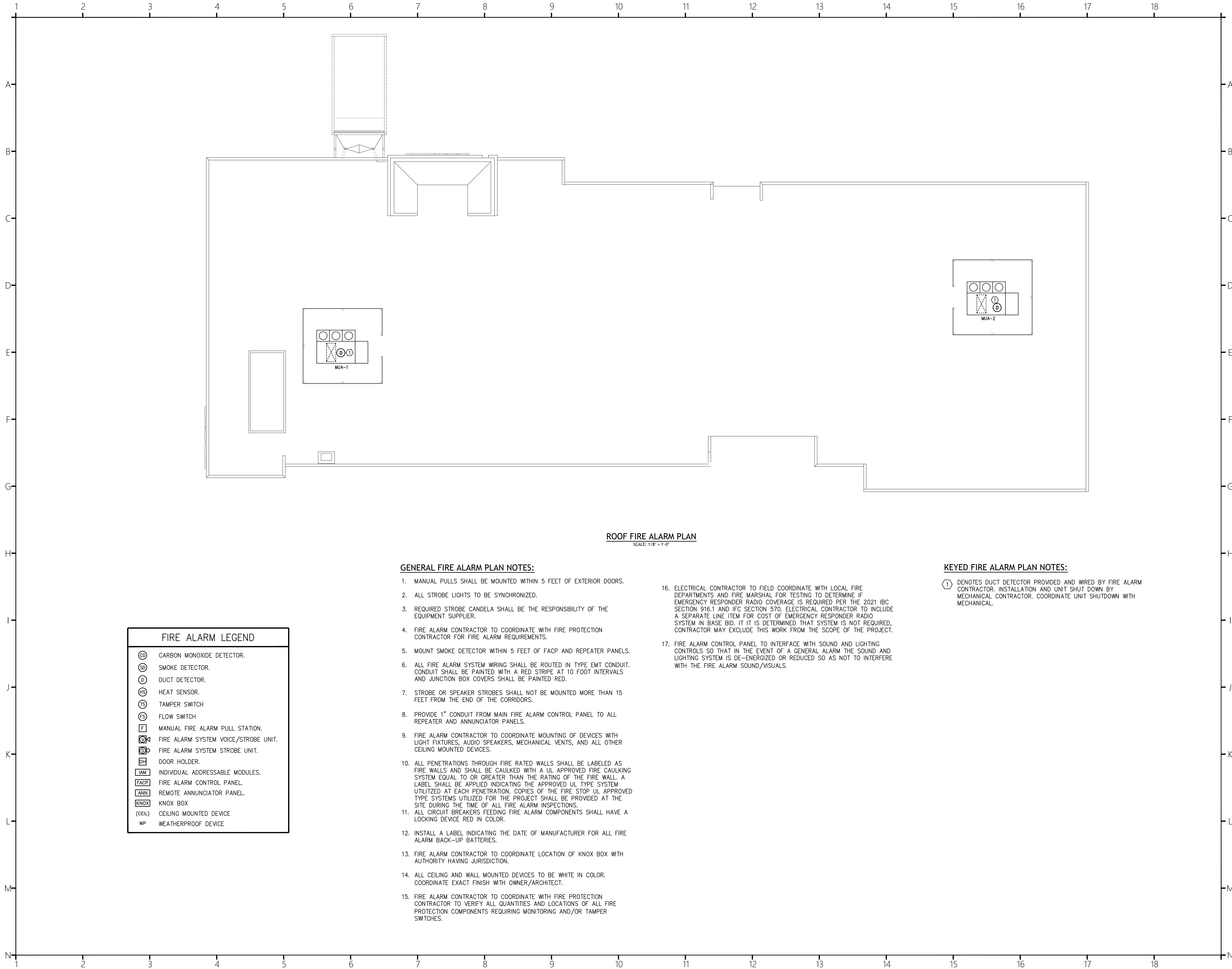
Client Logo:



Revisions:
A 10.16.2024 Issue For Permit
B 03.20.2025 100% Issue For Hilton
C 06.11.2025 Owner revisions/corrections

Project Number: 23112
Phase: CD
Date: 04.22.2024
Drawn By: BY
Checked By: HPB

Sheet Number:
E503
Sheet Title:
FOURTH FLOOR
FIRE ALARM PLAN



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PROJECT NUMBER: 2024-091

Project Title:

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Client Logo:

Seals:

Revisions:

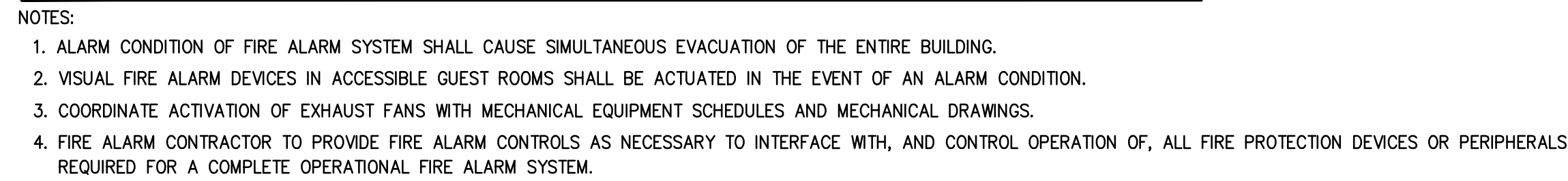
A	10.16.2024	Issue For Permit
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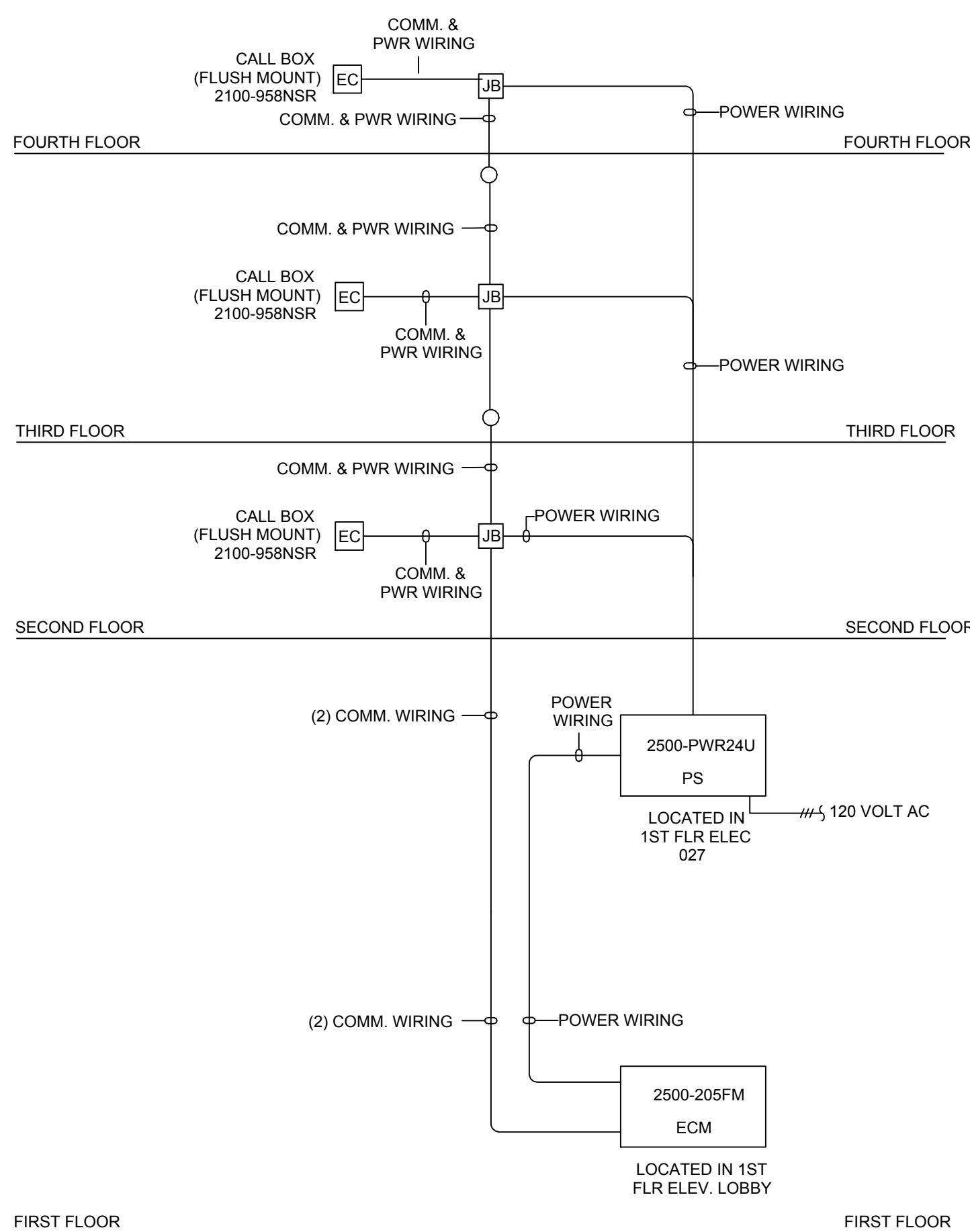
Project Number: 23112
Phase: CD
Date: 04.22.2024
Drawn By: BY
Checked By: HPB

Sheet Number: **E504**

Sheet Title: **ROOF FIRE ALARM PLAN**



- MOUNTING NOTES:**
1. MOUNT PULL STATION NOT LESS THAN 4'-0" AFF AND NOT MORE THAN 4'-6" AFF.
 2. MOUNT STROBE OR VOICE/STROBE COMBINATION AT LEAST 8'-0" AFF AND NOT MORE THAN 9'-6" AFF. MOUNT DEVICE AT LEAST 6" DOWN FROM CEILING.
 3. MOUNTING HEIGHTS OF ELECTRICAL DEVICES TO MEET NFPA 72 AND ADA CODE REQUIREMENTS.



EMERGENCY COMMUNICATION SYSTEM GENERAL RISER DIAGRAM
NTS

- 1. RISER IS A DIAGRAMMATICAL REPRESENTATION OF THE SYSTEM ARCHITECTURE IN BUILDING CROSS SECTION. IT IS NOT INTENDED TO REPRESENT ACTUAL WIRE RUNS, PANEL CONFIGURATIONS OR PENETRATIONS. REFER TO FLOOR PLANS AND PANEL DETAILS FOR CIRCUIT ROUTING AND CONFIGURATION INFORMATION.**

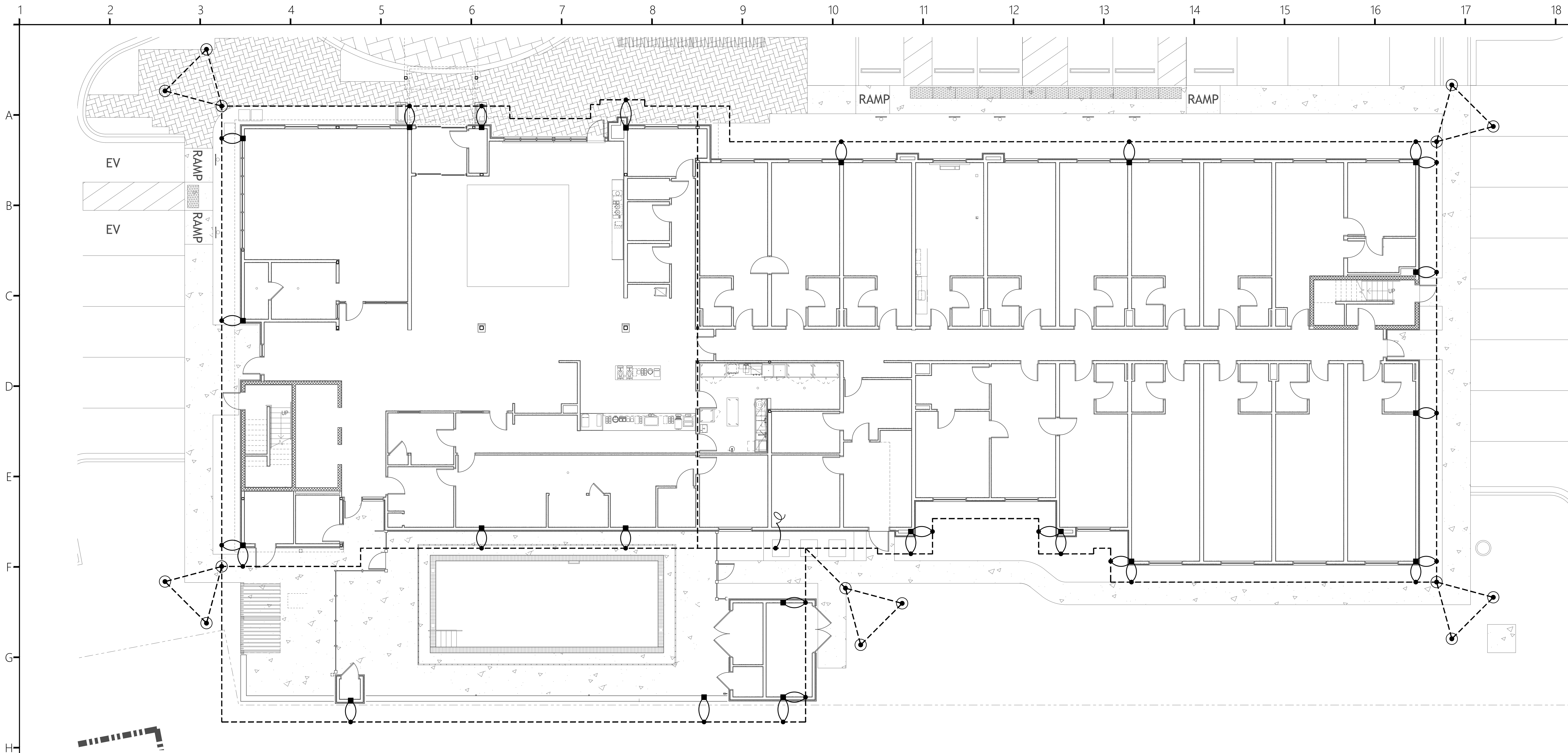


EMERGENCY COMMUNICATION DEVICE LEGEND	
ECM	SMART RESCUE BASE STATION RATH CATALOG #2500-205FM (OR EQUAL)
EC	SMART RESCUE SYSTEM CALL BOX RATH CATALOG #2100-98NSR (OR EQUAL)
PS	24 Vdc POWER SUPPLY RATH CATALOG #2500-PWR24U (OR EQUAL)

- NOTES:**
1. PROVIDE ALL REQUIRED BACK BOXES AND SURFACE MOUNTED COLLARS FOR AREA STATIONS AND MASTER STATIONS. SIZE PER MANUFACTURER'S RECOMMENDATIONS.
 2. ALL WIRING TO BE IN CONDUIT.

SMOKE DETECTOR REQUIREMENTS FOR DOOR RELEASE SERVICE NOTES:

- WHERE DOOR RELEASE SERVICE DEVICES ARE INDICATED ON PLANS CEILING MOUNTED DETECTORS SHALL BE PROVIDED. QUANTITY AND LOCATION OF SMOKE DETECTORS SHALL BE AS DETERMINED BY THE "SMOKE DETECTORS REQUIREMENTS FOR DOOR RELEASE SERVICE" AND WITH ARCHITECTURAL WALL SECTIONS. COORDINATE WITH ARCHITECTURAL WALL SECTIONS, LIGHTS FIXTURES, MECHANICAL DUCTWORK AND RETURN, FIRE SUPPRESSION SYSTEMS, AND OTHER ROOM RELATED ITEMS.
2. WHERE THERE ARE MULTIPLE DOORWAYS, ADDITIONAL CEILING MOUNTED SMOKE DETECTORS SHALL BE REQUIRED AS FOLLOWS:
- A. WHERE THE SEPARATION BETWEEN DOORWAYS EXCEEDS 24 INCHES, EACH DOORWAY SHALL BE TREATED SEPARATELY.
 - B. IF THE SEPARATION BETWEEN DOORWAYS IS 24 INCHES OR LESS, A SMOKE DETECTOR SHALL BE LOCATED ON THE CENTERLINE OF THE SEPARATION.
 - C. EACH GROUP OF THREE DOORWAY OPENINGS SHALL BE TREATED SEPARATELY.
 - D. EACH GROUP OF DOORWAY OPENINGS THAT EXCEED 20 FEET IN LENGTH SHALL BE TREATED SEPARATELY.
3. UPON ACTUATION OF ONE DOOR HOLDER DEVICE AT A STAIRWELL, THE ASSOCIATED DOOR HOLDERS ON THE ABOVE AND BELOW FLOORS SHALL ALSO RELEASE THE DOORS OF THE SHARED STAIRWELL.



GROUNDING PLAN
SCALE: 1/8" = 1'-0"

GENERAL GROUNDING PLAN NOTES:

- ELECTRICAL GROUNDING INSTALLATION SHALL COMPLY WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE.
- REFER TO SHEET E603 FOR TYPICAL GROUNDING DETAILS.
- GROUNDING CABLE SHALL BE BARE COPPER MEDIUM HARD DRAWN CLASS B SIZE AS SHOWN ON DRAWING. INSTALL CABLE A MINIMUM OF 2'-6" BELOW FINISHED GRADE (OR SLAB). ROUTE CABLE APPROXIMATE 4 TO 6 FEET FROM BUILDING.
- EXOTHERMIC CONNECTIONS SHALL BE USED FOR ALL BELOW GRADE GROUNDING CONNECTIONS.
- EXOTHERMIC CONNECTIONS SHALL BE USED ABOVE GRADE TO BUILDING COLUMNS AND BOLTED TO EQUIPMENT.
- GROUNDING CONDUCTORS ARE SHOWN DIAGRAMMATICALLY ON GROUNDING PLAN DRAWINGS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND INTERFERENCES PRIOR TO EXCAVATION, TRENCHING AND DRIVING OF GROUNDING ELECTRODES.
- METAL SURFACES SHALL BE THOROUGHLY CLEANED PRIOR TO MAKING GROUNDING CONNECTIONS TO INSURE GROUNDING CONTINUITY.
- ALL GROUND RODS SHALL BE COPPER CLAD 3/4" X 10' SECTION DRIVEN TO A DEPTH OF 10 FT.
- GROUNDING CONNECTIONS TO SWITCHGEAR BUSSES SHALL BE BOLTED CONNECTIONS TO THE GROUNDING BUS BAR.
- GROUNDING CONNECTIONS TO EQUIPMENT WITH LEGS SHALL BE EXOTHERMIC CONNECTIONS.
- EXACT LOCATION OF ALL CONNECTIONS SHALL BE DETERMINED IN FIELD PRIOR TO INSTALLATION.
- CONTRACTOR SHALL ROUTE #4/0 BARE COPPER GROUND CABLE TO NEAREST BUILDING COLUMN AND CAD WELD TO COLUMN.
- BUILDING GROUND IMPEDANCE SHALL BE TESTED IN ACCORDANCE WITH THE NEC. THE ROD AND CLAMP SHALL NOT BE COVERED UNTIL AFTER INSPECTION. GROUNDING SYSTEM RESISTANCE: 5 OHMS. WRITTEN VERIFICATION REQUIRED BY OWNERS REPRESENTATIVE.

KEYED GROUNDING PLAN NOTES:

- ① DENOTES ELECTRICAL CONTRACTOR TO CADWELD #4/0 WIRE TO METAL REBAR IN CONCRETE, AND PROVIDE 10' PIGTAIL TO BE WELDED TO MACHINE IN FUTURE. COORDINATE WITH STRUCTURAL DRAWINGS FOR EXACT LOCATION OF REBAR PRIOR TO INSTALLATION.

GROUNDING LOOP LEGEND	
-----	#4/0 BARE CU GROUND CABLE
●	GROUND CABLE EXOTHERMIC CONNECTION
▶	EQUIPMENT GROUND CONNECTION
■	COLUMN GROUND CONNECTION
⊙	GROUND ROD
⌒	#4/0 BARE CU PIG TAIL

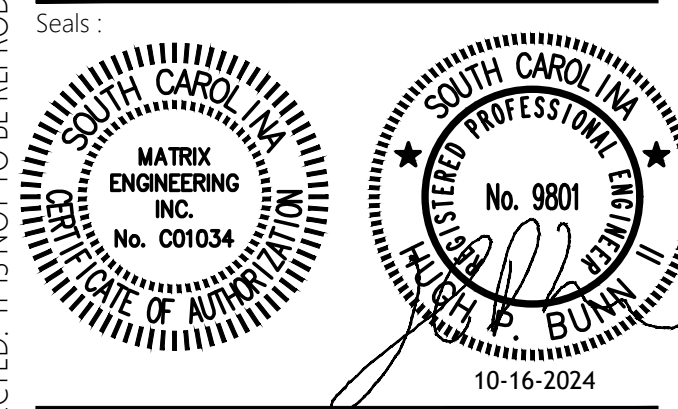


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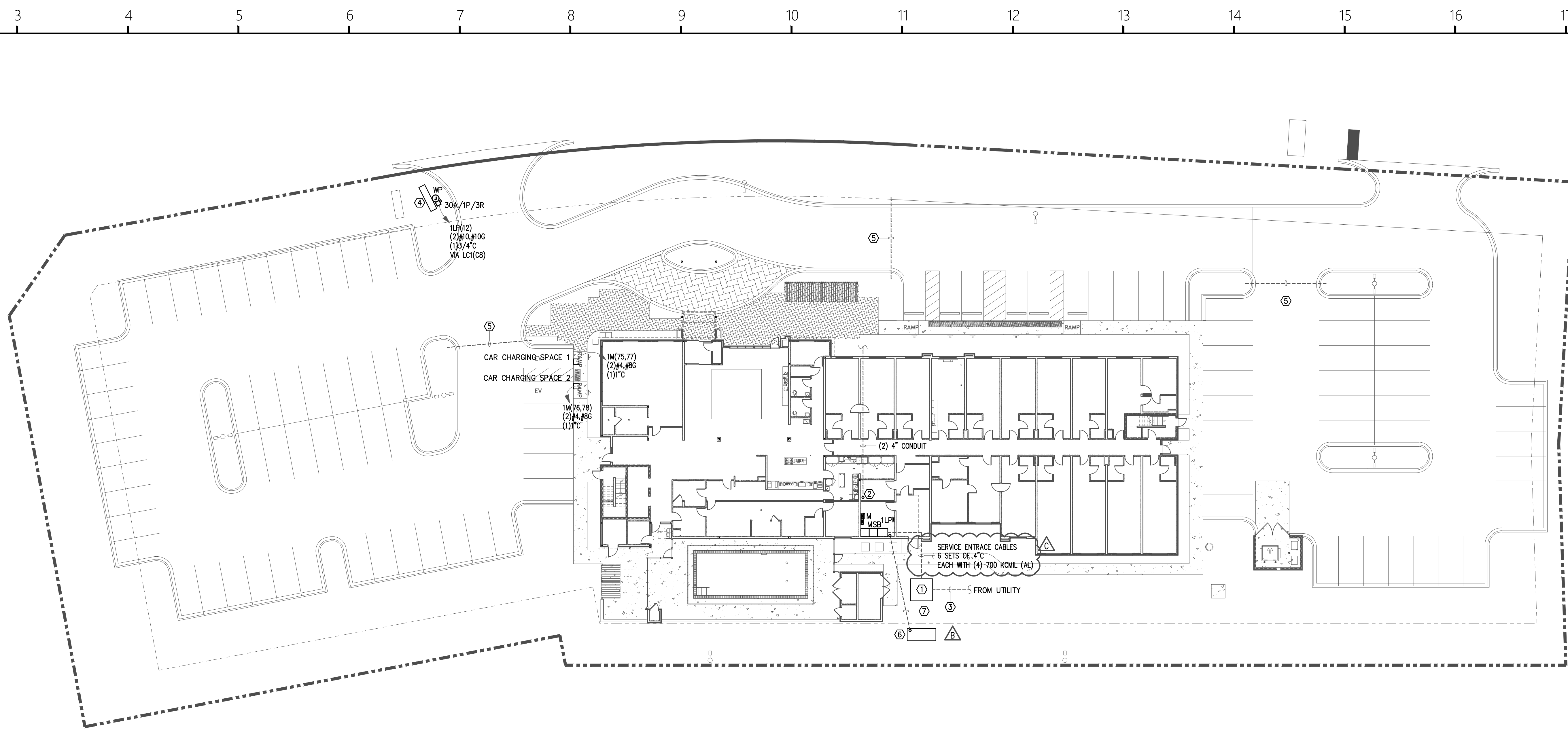


Project Title:
HOME 2 SUITES
GREENWOOD SC
475 HOSPITALITY BLVD,
GREENWOOD, SC 29649



Revisions:	
A	10.16.2024 Issue For Permit
B	03.20.2025 100% Issue For Hilton
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Phase: CD
Date: 04.22.2024
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Checked By: HPB
Sheet Number:
E600
Sheet Title:
GROUNDING PLAN



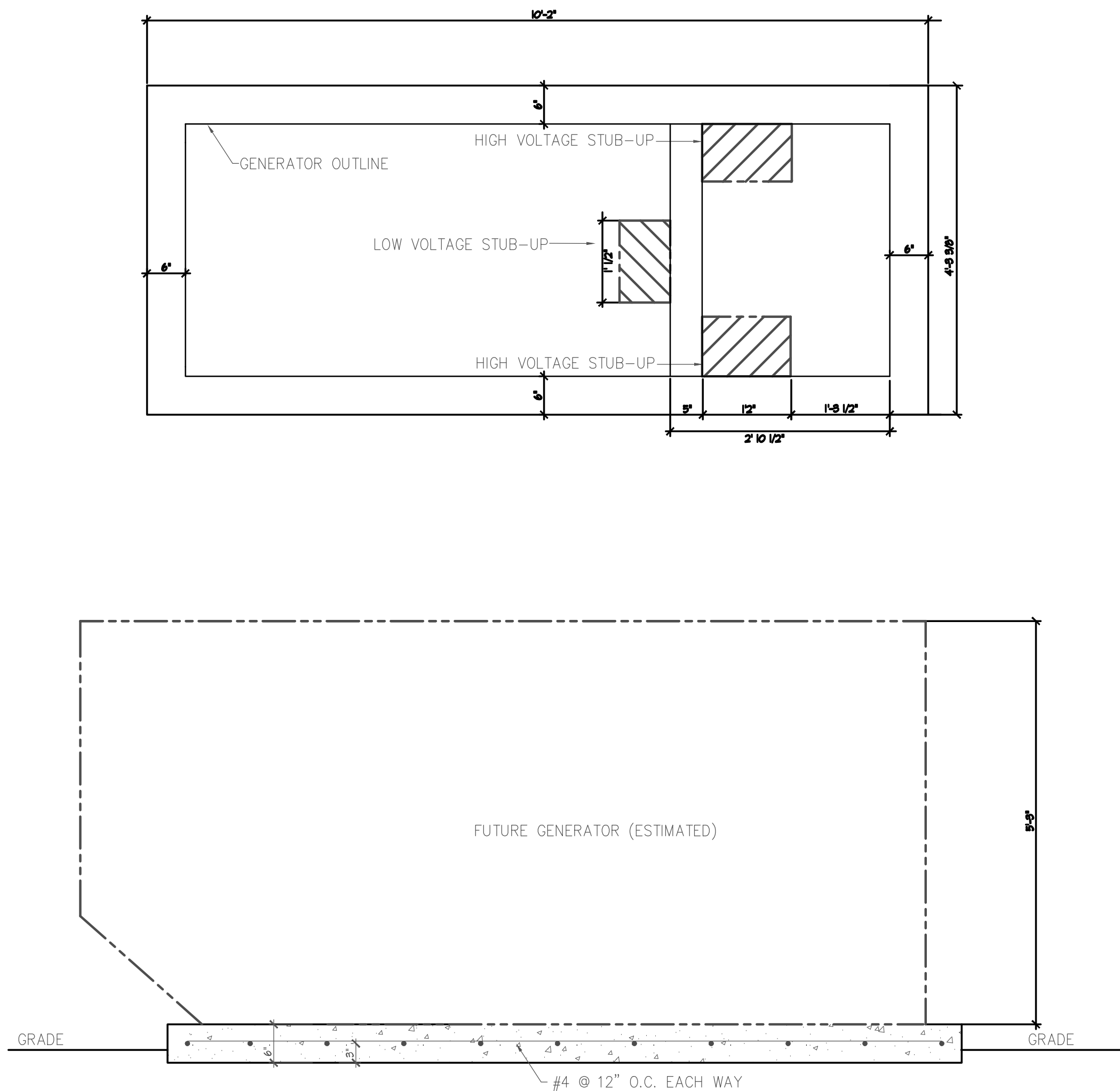
ELECTRICAL SITE PLAN
SCALE: 1" = 20'-0"

ELECTRICAL SITE PLAN GENERAL NOTES:

- ALL NEW ELECTRICAL EQUIPMENT SHALL BE TAGGED WITH PERMANENT WHITE PLASTIC NAMEPLATES WITH 1/4" BLACK LETTERS. NAMEPLATE SHALL SHOW EQUIPMENT DESIGNATION, OPERATIVE VOLTAGE, AND SOURCE OF POWER.
- AN INSULATED, COPPER GROUND WIRE SHALL BE ROUTED IN ALL CONDUITS AS AN EQUIPMENT GROUNDING CONDUCTOR. ALL POLES SHALL ALSO BE GROUNDED WITH A DRIVEN GROUND ROD.
- ELECTRICAL CONTRACTOR SHALL ROUTE HOMERUNS AS ECONOMICALLY AS POSSIBLE. ALL ASPECTS OF THE NATIONAL ELECTRIC CODE, 2020 EDITION, SHALL BE ADHERED TO IN REGARD TO CONDUIT FILL AND DERATING OF WIRE.
- UNDERGROUND CONDUIT SHALL BE PVC SCHEDULE 40.
- REFER TO ARCHITECTURAL AND CIVIL DRAWINGS FOR DETAILS, DIMENSIONS, INTERFERENCES, ETC.
- COORDINATE INSTALLATION OF ELECTRICAL SYSTEM WITH GENERAL CONTRACTOR AND SUB CONTRACTORS.
- CONDUIT SHALL BE INCASED IN CONCRETE WHERE IT CROSSES UNDER ROADS.
- COORDINATE UTILITY PAD MOUNTED TRANSFORMER WITH CIVIL DRAWINGS.

KEYED ELECTRICAL SITE PLAN NOTES:

- 1 DENOTES PROPOSED LOCATION OF UTILITY TRANSFORMER. COORDINATE EXACT LOCATION WITH UTILITY COMPANY PRIOR TO INSTALLING.
- 2 ELECTRICAL CONTRACTOR TO ROUTE (2) 4" CONDUITS WITH PULL STRING FOR DATA/COMM SERVICE FROM PROVIDER'S DIP POLE LOCATION TO GROUND FLOOR DATA ROOM "PBX." STUB-UP CONDUIT 12" ABOVE FINISHED FLOOR IN GROUND FLOOR DATA ROOM. ELECTRICAL CONTRACTOR TO CONTACT UTILITY COMPANY FOR EXACT LOCATION OF DISTRIBUTION POINT PRIOR TO INSTALLING.
- 3 PRIMARY BY UTILITY, ELECTRICAL CONTRACTOR TO PROVIDE (2) 6" PVC CONDUITS UNDER PAVEMENT TO PROPERTY LINE AS DIRECTED BY LOCAL UTILITY.
- 4 DENOTES WEATHERPROOF JUNCTION BOX AND NEMA 3R DISCONNECT SWITCH FOR EXTERIOR MONUMENT SIGN. COORDINATE EXACT LOCATION PRIOR TO INSTALLING.
- 5 ELECTRICAL CONTRACTOR TO PURCHASE AND INSTALL (1) 2" CONDUIT SLEEVE WITH PULL STRING STUBBED UP IN LANDSCAPING MEDIANS.
- 6 DENOTES PROPOSED LOCATION OF PAD FOR FUTURE GENERATOR. COORDINATE EXACT LOCATION PRIOR TO INSTALLING. GENERATOR PAD SIZE IS ESTIMATED.
- 7 DENOTES PROPOSED ROUTING OF (2) 3", (1) 1-1/4", AND (3) 3/4" CONDUIT SLEEVES WITH PULL STRING FOR FUTURE GENERATOR POWER CONNECTIONS. ELECTRICAL CONTRACTOR TO STUB UP AND CAP CONDUIT AT EACH END.



SECTION VIEW-GENERATOR TANK AND PAD
SCALE: 3/4" = 1'-0"

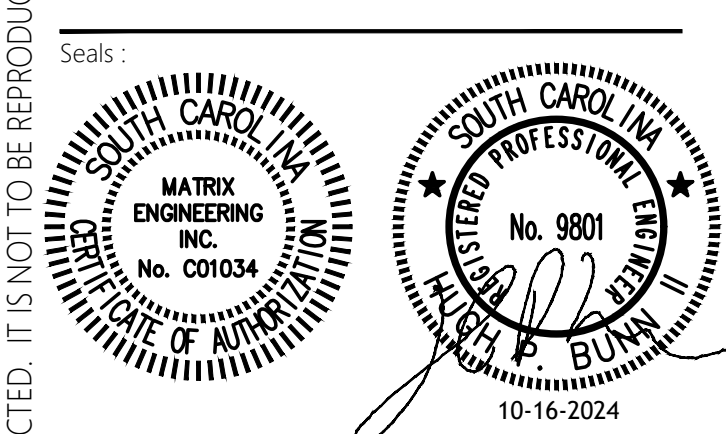


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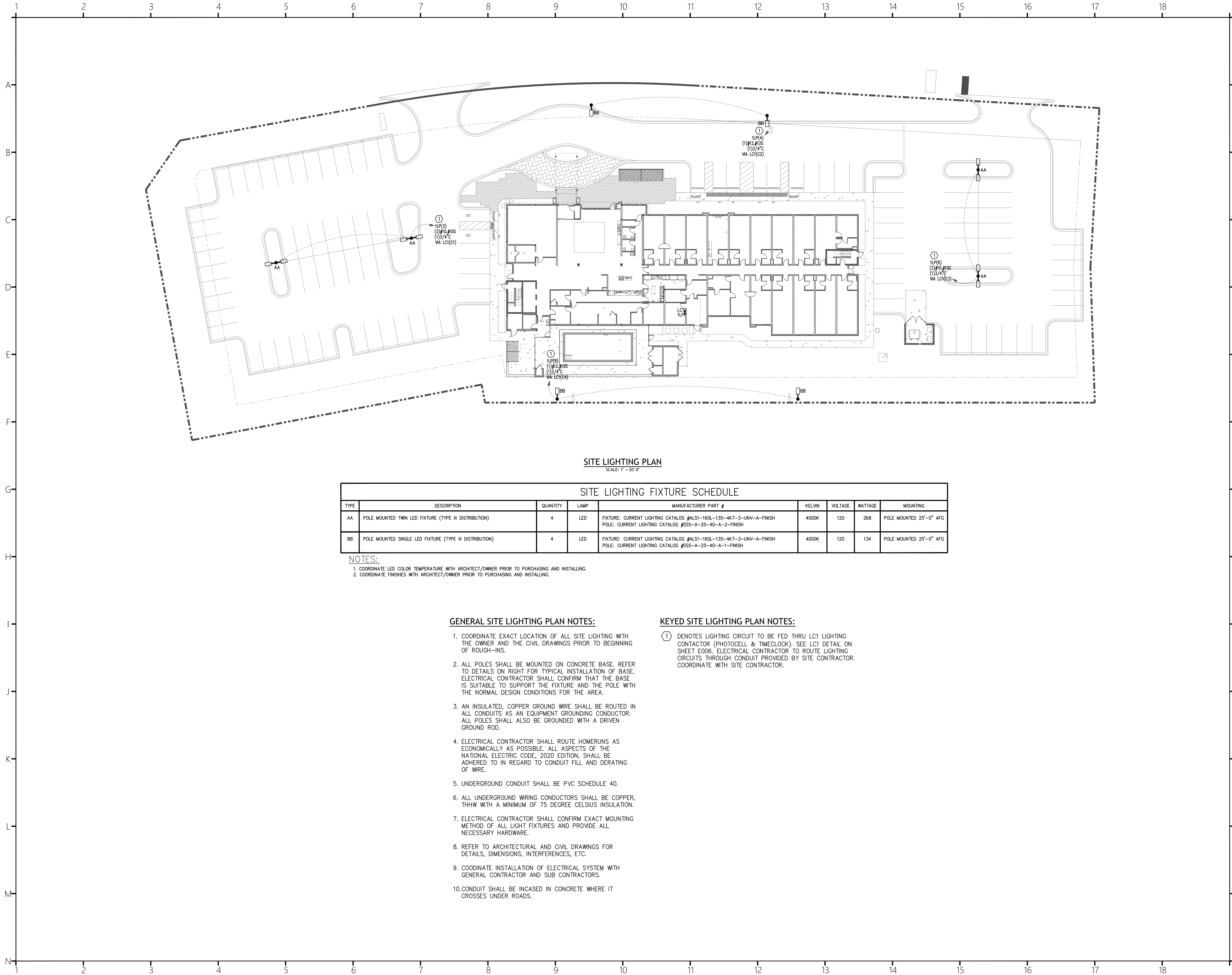
Project Title:
**HOME 2 SUITES
GREENWOOD SC**
475 HOSPITALITY BLVD,
GREENWOOD, SC 29649



Revisions:		
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B	06.11.2025	Owner revisions/corrections
C	07.18.2025	Power Coordination

Project Number: 23112
Phase: CD
Date: 04.22.2024
Drawn By: BY
Checked By: HPB

Sheet Number:
E700
Sheet Title:
ELECTRICAL SITE PLAN



SITE LIGHTING PLAN
SCALE: 1" = 20'-0"

SITE LIGHTING FIXTURE SCHEDULE									
TYPE	DESCRIPTION	QUANTITY	LAMP	MANUFACTURER PART #	KELVIN	VOLTAGE	WATTAGE	MOUNTING	
AA	POLE MOUNTED TWIN LED FIXTURE (TYPE III DISTRIBUTION)	4	LED	FIXTURE: CURRENT LIGHTING CATALOG #ALS1-160L-135-4K7-3-UNV-A-FINISH POLE: CURRENT LIGHTING CATALOG #SSS-A-25-40-A-2-FINISH	4000K	120	268	POLE MOUNTED 25'-0" AFG	
BB	POLE MOUNTED SINGLE LED FIXTURE (TYPE III DISTRIBUTION)	4	LED	FIXTURE: CURRENT LIGHTING CATALOG #ALS1-160L-135-4K7-3-UNV-A-FINISH POLE: CURRENT LIGHTING CATALOG #SSS-A-25-40-A-1-FINISH	4000K	120	134	POLE MOUNTED 25'-0" AFG	

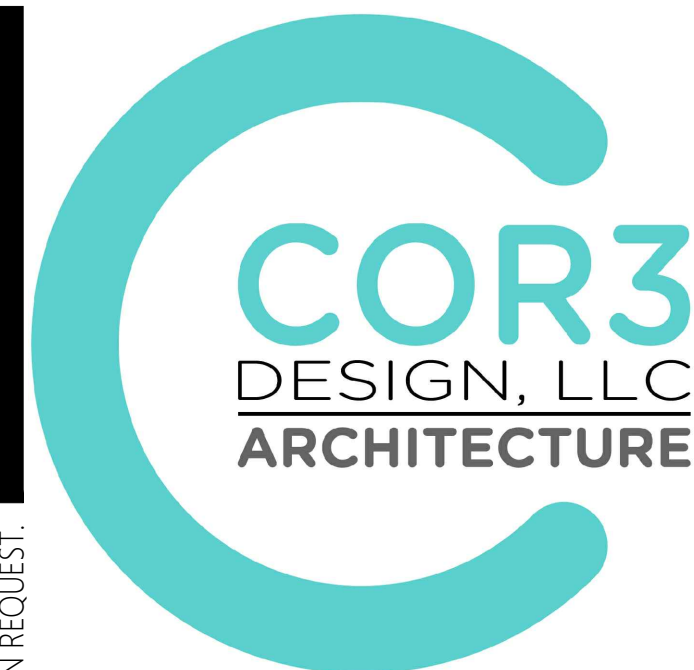
NOTES:
1. COORDINATE LED COLOR TEMPERATURE WITH ARCHITECT/OWNER PRIOR TO PURCHASING AND INSTALLING.
2. COORDINATE FINISHES WITH ARCHITECT/OWNER PRIOR TO PURCHASING AND INSTALLING.

GENERAL SITE LIGHTING PLAN NOTES:

- COORDINATE EXACT LOCATION OF ALL SITE LIGHTING WITH THE OWNER AND THE CIVIL DRAWINGS PRIOR TO BEGINNING OF ROUGH-INS.
- ALL POLES SHALL BE MOUNTED ON CONCRETE BASE. REFER TO DETAILS ON RIGHT FOR TYPICAL INSTALLATION OF BASE. ELECTRICAL CONTRACTOR SHALL CONFIRM THAT THE BASE IS SUITABLE TO SUPPORT THE FIXTURE AND THE POLE WITH THE NORMAL DESIGN CONDITIONS FOR THE AREA.
- AN INSULATED, COPPER GROUND WIRE SHALL BE ROUTED IN ALL CONDUITS AS AN EQUIPMENT GROUNDING CONDUCTOR. ALL POLES SHALL ALSO BE GROUNDED WITH A DRIVEN GROUND ROD.
- ELECTRICAL CONTRACTOR SHALL ROUTE HOMERUNS AS ECONOMICALLY AS POSSIBLE. ALL ASPECTS OF THE NATIONAL ELECTRIC CODE, 2020 EDITION, SHALL BE ADHERED TO IN REGARD TO CONDUIT FILL AND DERATING OF WIRE.
- UNDERGROUND CONDUIT SHALL BE PVC SCHEDULE 40.
- ALL UNDERGROUND WIRING CONDUCTORS SHALL BE COPPER, THHW WITH A MINIMUM OF 75 DEGREE CELSIUS INSULATION.
- ELECTRICAL CONTRACTOR SHALL CONFIRM EXACT MOUNTING METHOD OF ALL LIGHT FIXTURES AND PROVIDE ALL NECESSARY HARDWARE.
- REFER TO ARCHITECTURAL AND CIVIL DRAWINGS FOR DETAILS, DIMENSIONS, INTERFERENCES, ETC.
- COORDINATE INSTALLATION OF ELECTRICAL SYSTEM WITH GENERAL CONTRACTOR AND SUB CONTRACTORS.
- CONDUIT SHALL BE INCASED IN CONCRETE WHERE IT CROSSES UNDER ROADS.

KEYED SITE LIGHTING PLAN NOTES:

- ① DENOTES LIGHTING CIRCUIT TO BE FED THRU LC1 LIGHTING CONTACTOR (PHOTOCELL & TIMECLOCK). SEE LC1 DETAIL ON SHEET E006. ELECTRICAL CONTRACTOR TO ROUTE LIGHTING CIRCUITS THROUGH CONDUIT PROVIDED BY SITE CONTRACTOR. COORDINATE WITH SITE CONTRACTOR.

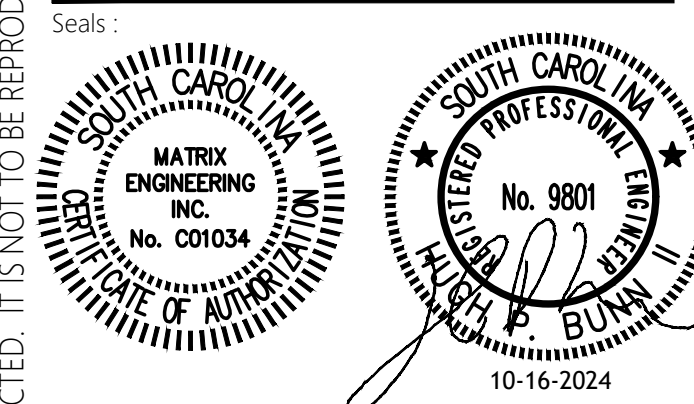


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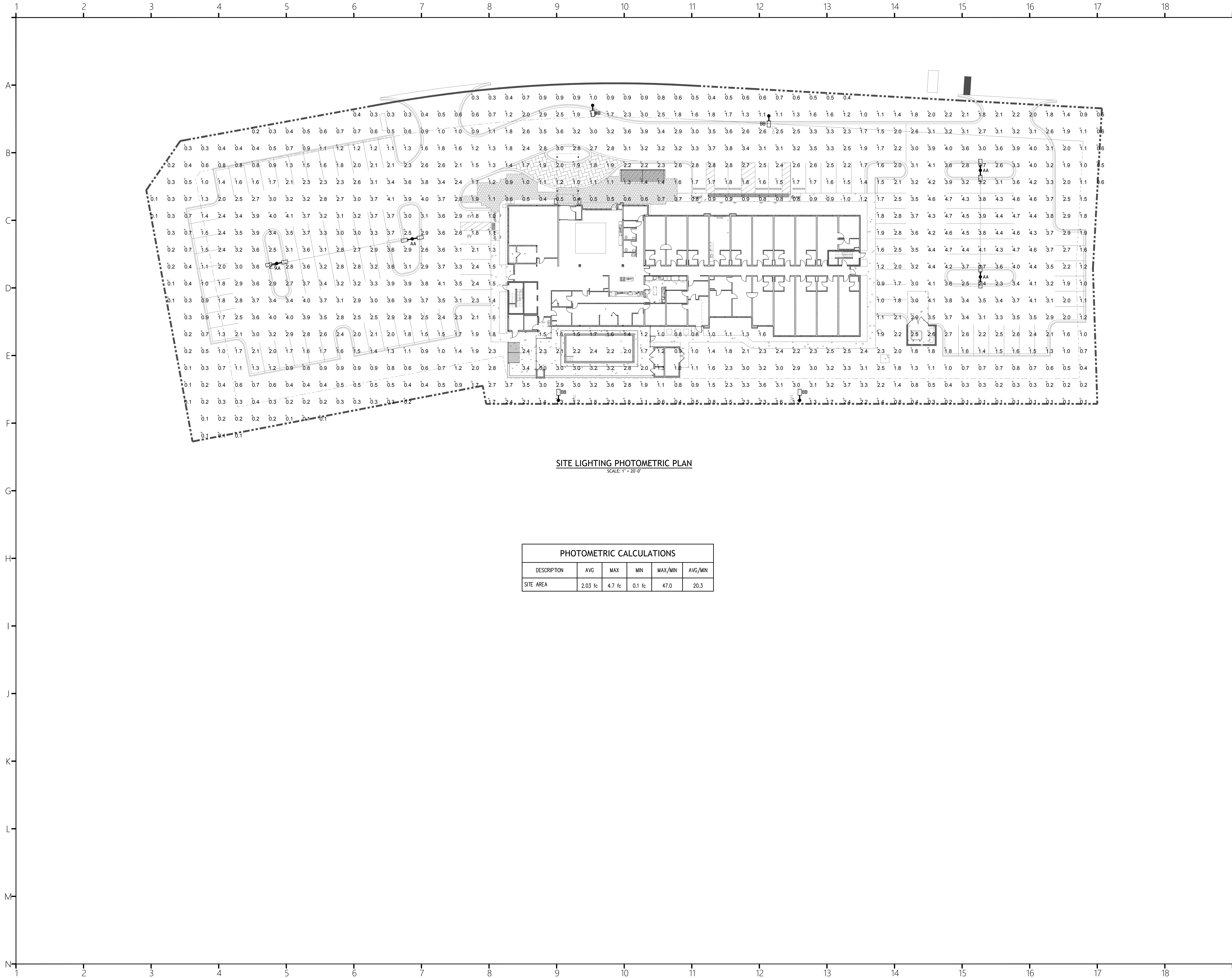


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Revisions:
A 10.16.2024 Issue For Permit
B 03.20.2025 100% Issue For Hilton
C 06.11.2025 Owner revisions/corrections

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Checked By: HPB
Sheet Number: E701
Sheet Title: SITE LIGHTING PLAN



SITE LIGHTING PHOTOMETRIC PLAN
SCALE: 1" = 20'-0"

PHOTOMETRIC CALCULATIONS					
DESCRIPTION	AVG	MAX	MIN	MAX/MIN	AVG/MIN
SITE AREA	2.03 fc	4.7 fc	0.1 fc	47.0	20.3

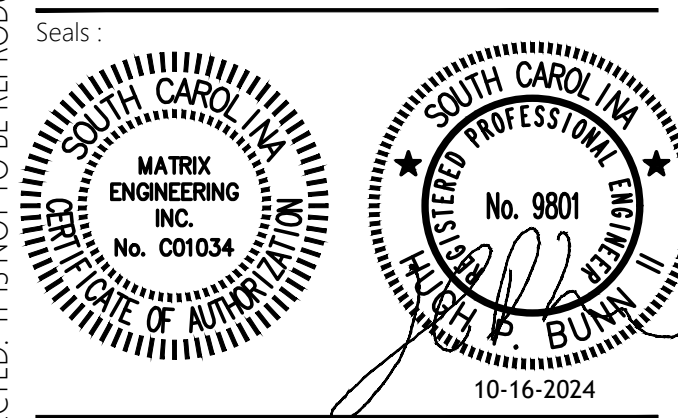


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Phase : CD
Date : 04.22.2024
Drawn By : BY
Checked By : HPB
Sheet Number: E702
Sheet Title: SITE LIGHTING PHOTOMETRIC PLAN

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
A	ELECTRICAL SPECIFICATIONS																
B	General Provisions																
C	1. All Electrical work shall be executed in accordance with the 2020 version of the National Electrical Code and all other local codes, laws, and ordinances. Where one code differs from another, the stricter of the two shall apply.																
D	2. It is the duty of the Electrical contractor to be familiar with the construction details of the building. The contractor shall coordinate the installation of the electrical system with all other trades and shall complete the electrical installation as soon as conditions will allow.																
E	3. Payment of all fees, permits, and licenses required to complete the electrical installation shall be the responsibility of the electrical contractor.																
F	4. All work shall be done in a neat, quality manner with all wiring and raceways concealed.																
G	5. All electrical work shall be warranted by the electrical contractor for one (1) year from the date of acceptance by the owner or his designated representative.																
H	6. All electrical drawings are generally diagrammatic in nature. The electrical contractor shall closely coordinate all electrical work will all other trades working on the premises.																
I	7. Electrical contractor shall submit five (5) sets of catalog cuts, brochures, or other technical data for all equipment furnished under this contract to the architect for his review.																
J	8. All requests for prior approval shall be submitted to the engineer no later than ten (10) days prior to the bid date unless noted as "approved equal" in a written addendum. All manufactures shall be specified herein or as shown on the contract documents.																
K	9. See general notes, schedules, and legends on the electrical drawing set for any additional requirements to the contract.																
L	10. Electrical contractor is to contact the architect after installation of all switch, receptacle, telephone, television, and lighting boxes for an on-site review before any wiring is installed or wall surfaces are complete. The architect may, at this point, make adjustments to the box locations as desired.																
M	11. All electrical panelboards and lighting equipment shall be restrained per seismic requirements of the appropriate building code in effect.																
N	Electrical Raceways																
	1. All cutting and patching required for and resulting from the electrical installation work shall be patched and repaired to restore the original surface finish. This repair work is the responsibility of the electrical contractor.																
	2. Contractor shall install sleeves for conduits that pass through grade beams, foundations, walls, and slabs before concrete is poured. Contractor shall do all necessary cutting and sealing afterwards in an approved manner.																
	3. All penetrations through fire-rated walls shall be patched with a UL approved fire sealant equal to at least the rating of the wall.																
	4. Wiring system is to be concealed above the suspended ceiling or in walls where possible. Conduit is to be installed parallel to building lines and clear of all openings, depressions, pipes, ducts, structure, etc.																
	5. Conduit is to be installed between cabinets and boxes with no more than four (4) 90 degree bends. Conduit is to be securely fastened in place with straps, hangers and steel supports as required. Conduit is not to be fastened or supported from the ceiling grid or supporting wires. Conduit ends shall be reamed and conduit shall be thoroughly cleaned before installation. Openings in conduit shall be plugged or properly covered.																
	6. Terminals on switches and outlets shall not be used to "feed through" to the next switch or outlet. The removal of a receptacle or fixture or any other device fed from a box shall not interfere with conductor continuity.																
	7. Conduit shall be furnished as shown on the electrical drawings. Approved types are heavy wall rigid steel hot dipped galvanized or EMT with compression type fittings and connections. All runs shall be continuous with all joints and connections pulled tight. Conduit shall be required in and under all slabs and in masonry walls. PVC conduit may be used underground or under slabs. Minimum conduit size shall be 3/4".																
	8. Contractor shall install a nylon pull wire in each empty conduit.																
	9. Contractor to include an equipment grounding conductor in each conduit. Conductor size to be determined by National Electrical Code requirements.																
	Conductors																
	1. Conductors shall be soft--annealed 98% copper. All conductors larger than #8 AWG shall be stranded. Minimum size conductor shall be #12 AWG unless otherwise specified. No aluminum conductors will be permitted. Type THHN shall not be used underground, outside, at service entrances or in wet locations. All insulation shall be rated at 600 volts.																
	The following insulation types are permitted:																
	#10 AWG and smaller THW,THWN,THW																
	#8 AWG to #4/0 AWG THW, THHN																
	Over 4/0 AWG THW																
	Service Entrance USE, RHW																
	Wire through fluorescent fixture or within 3' of heating equipment THHN																
	Conductors shall be color coded as follows:																
		208/120 Volt Y		480/277 Volt Y													
	Phase A	Black		Brown													
	Phase B	Red		Orange													
	Phase C	Blue		Yellow													
	Neutral	White		White													
	Ground	Green		Green													
	Distribution																
	1. Electrical power service voltage shall be as noted on the drawings. Size of the electrical service conductors shall be as shown on the riser diagram. All service connections and grounding detail shall be per the National Electrical Code article 250 and shall be inspected before covering.																
	2. Contractor shall comply with the 2020 National Electrical Code and all laws that apply to electrical installations.																
	3. All material used on the project shall be new and conform to Underwriters Laboratories (UL) standards.																
	4. Contractor to verify voltage drops and A.I.C. ratings for all equipment connected and verify the size of all electrical system breakers, conduit, wire size, etc.																
	Grounding																
	1. All metallic conduit, supports, cabinets, panelboards, and other electrical system components shall be permanently grounded per the National Electrical Code. All grounding devices and clamps shall be of the type approved specifically for grounding use. All circuits shall include a grounding conductor sized per National Electrical Code requirements.																
	Panelboards																
	1. Receptacle and lighting panels shall be safety dead-front type. Bussing and breakers shall be as shown on panelboard drawing. Panels shall be supplied with copper plated bus. Cabinets shall be NEMA type 1. Contractor to supply nameplates and type-written panel schedules. Panel shall be manufactured by Square D General Electric, Cutler Hammer or approved equal.																
	2. All circuit breakers must show positive indication of tripped breaker.																
	3. Switches shall be heavy-duty type fusible or non-fusible as specified on drawing. Operating mechanism shall be designed to provide quick-make and quick-break operation. Construction shall consist of silver-plated operating parts with safety interlock on door to prevent entry when in "on" position. Indoor enclosures shall be NEMA type 1. Outdoor enclosures shall be type NEMA 3R. Fuse clips shall be for type RK-1 fuses. Disconnect switches shall be manufactured by Square D, General Electric, Cutler Hammer or approved equal.																
	4. All electrical equipment, panels, switches, etc., shall be tagged with white plastic nameplates with 1/4"H black letters. Nameplate shall show equipment designation and operating voltage.																
	Lighting Equipment																
	1. Lighting fixtures shall be of the type shown in the lighting fixture schedule.																
	2. Exit lamps shall be provided at all exterior doors. All emergency and exit lights shall have self-contained battery back-up systems, or be of the type for use with emergency generator system if specified.																
	Devices and Boxes																
	1. All outlet, lighting, and switch boxes shall be pressed steel where used in overhead and concealed areas. Receptacles and switches in exposed areas shall be installed in ferrous alloy or cast aluminum boxes with appropriate sheet steel covers.																
	2. Local switches shall be quiet toggle type, Hubbell #1221 or approved equal (single pole) or Hubbell #1223 or approved equal (3-way) and shall be rated for 120/277 Volts. Duplex receptacles shall be Hubbell #5352 or approved equal, three wire grounding type with ground installed.																
	3. All wall switches shall be 20 Ampere, silent type with cover plate.																
	4. Duplex receptacles shall be 20 Ampere with cover plate.																
	5. Unless otherwise indicated, all lighting switches shall be flush mounted 44" above finished floor or 7" above finished countertop.																
	6. All receptacles shall be flush mounted 18" above finished floor or 7" above finished countertop unless otherwise indicated. Receptacles above countertops shall be mounted horizontally unless otherwise noted. Notify architect for configuration of location after boxes are set, but before wire is pulled or walls are constructed. Contractor shall certify that all receptacles are tested for proper polarity prior to final inspection.																
	7. All telephone outlets shall be flush mounted 18" above finished floor unless otherwise indicated.																
	8. Toilet exhaust fans shall be supplied and installed by the mechanical contractor. Wiring shall be done by the Electrical contractor.																
	9. All low voltage wiring for HVAC controls shall be done by the mechanical contractor. All line voltage HVAC wiring shall be done by the electrical contractor. Electrical contractor shall review HVAC specifications and plans and coordinate with HVAC contractor to provide all requirements.																
	10. All switch and receptacle cover plates to be brushed stainless steel unless otherwise specified by architect. Consult with architect before purchasing cover plates.																
	Data Communications Systems																
	1. Electrical contractor shall provide and install all raceway and backboxes as noted on drawings. All head end equipment, wiring, faceplates, and final connections for low voltage systems (data, voice, audio visual) shall be by others under seperate contract with owner.																



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