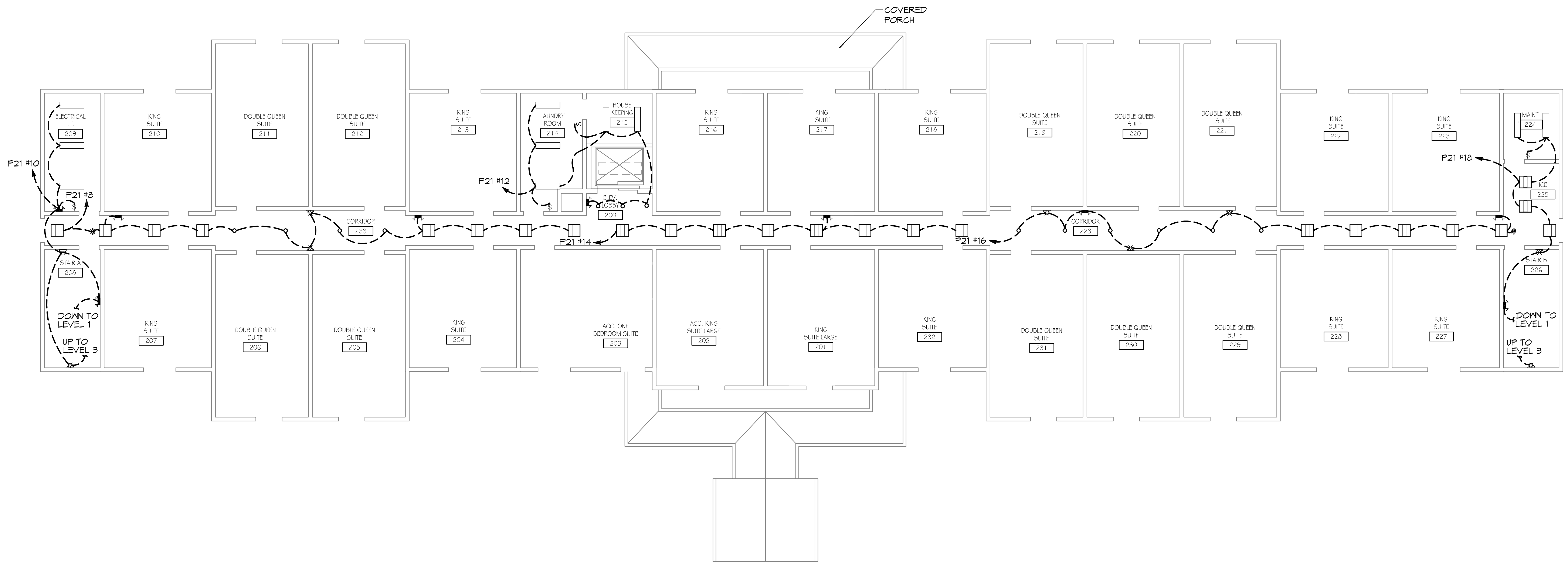
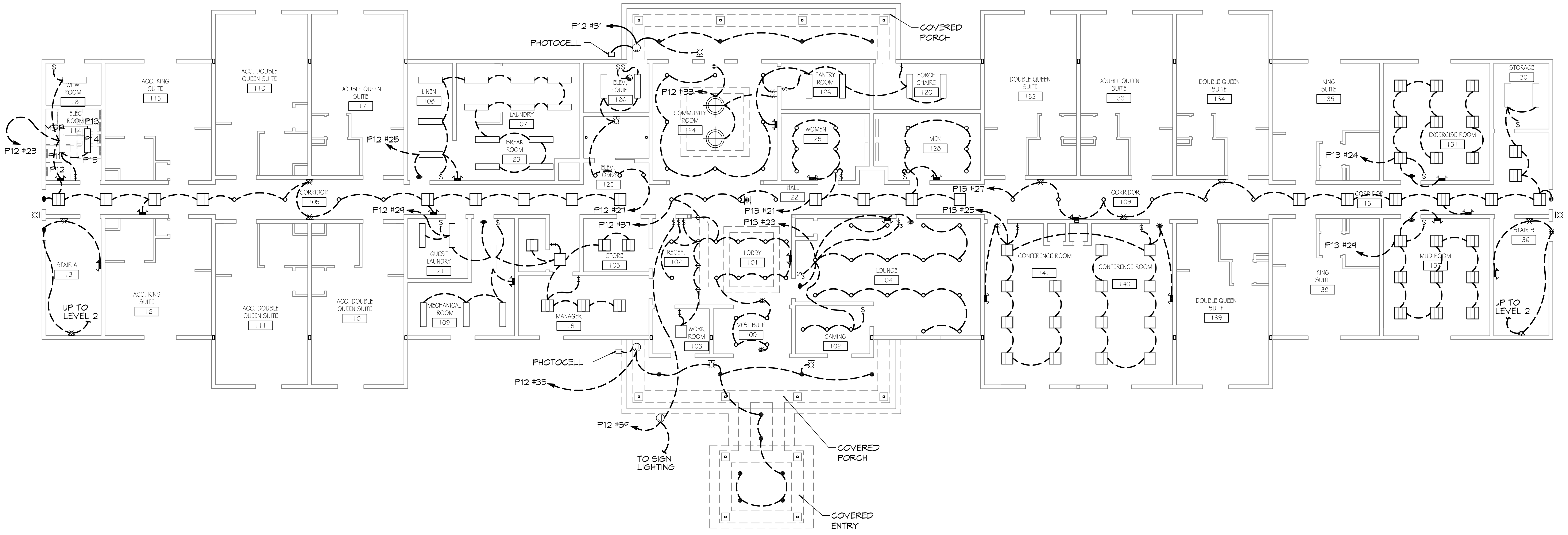


2 LIGHTING PLAN - LEVELS 2 & 3

SCALE: 3/32" = 1'-0"

NOTE: THIS PLAN SHOWS LEVEL 2 LIGHTING AND CIRCUITS. LEVEL 3 IS IDENTICAL TO LEVEL 2 EXCEPT ROOM NUMBERS AND CIRCUIT NUMBERS WILL BEGIN WITH "3".

25 GUESTROOMS EACH FLOOR



1 LIGHTING PLAN - LEVEL 1

SCALE: 3/32" = 1'-0"

12 GUESTROOMS

GENERAL ELEC POWER NOTES

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
3. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
8. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
9. ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
10. PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
11. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, AND 3/4" RIGID ALUMINUM FOR EXTERIOR USE. USE NON-METALLIC CABLE (NMC) CABLE COPPER FOR LIGHTS AND RECEPTACLE CIRCUITS IN WOOD FRAME CONSTRUCTION AREAS ONLY; IN STEEL FRAMING AREAS THE USE OF EMT (MINIMUM) IS REQUIRED; EXTERIOR FITTINGS SHALL BE CAST BOXES AND COVERS. INTERIOR FITTINGS SHALL BE STAMPED BOXES.
12. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
13. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
14. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:230-63, NFPR 250-23, 250-71 & 250-72.
15. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
16. FUSES SHALL BE ITT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
17. PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
18. EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.
19. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
20. VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.
21. ALL RECEPTACLES AND SWITCHES ARE TO HAVE WEATHER PROOF COVERS IN APPARATUS BAY. 50% OF ALL EXTERIOR WEATHER PROOF COVERS SHALL BE IN-USE COVERS.
22. ALL 120-VOLT, SINGLE PHASE, 15- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION-TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT. INSTALL EITHER AN AFCI CIRCUIT BREAKER INSTALLED FOR THE PORTION OF THE BRANCH CIRCUIT BETWEEN THE BRANCH CIRCUIT OVERCURRENT DEVICE AND THE FIRST OUTLET. IT SHALL BE PERMITTED TO INSTALL A COMBINATION AFCI AT THE FIRST OUTLET TO PROVIDE PROTECTION FOR THE REMAINING PORTION OF THE BRANCH CIRCUIT.

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#	DESCRIPTION	DATE

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MAIN STAY SUITES

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HACKBERRY, LA 70645

JOB No:	2265	DATE:	FEBRUARY, 2016
DRAWN BY:	JTL	CHECKED BY:	BAM

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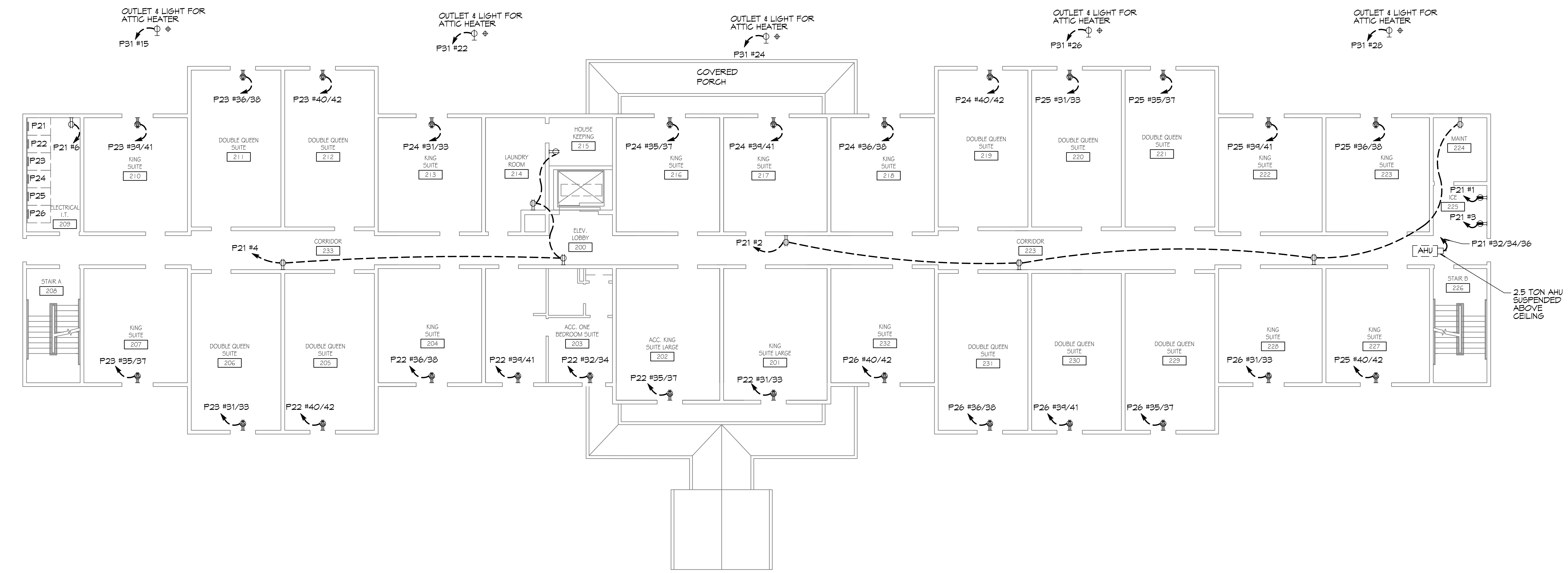
SHEET TITLE:
LIGHTING
PLANS - LEVEL 1, 2, & 3,

DRAWING NUMBER:
E101

SHEET No: 45 of 52

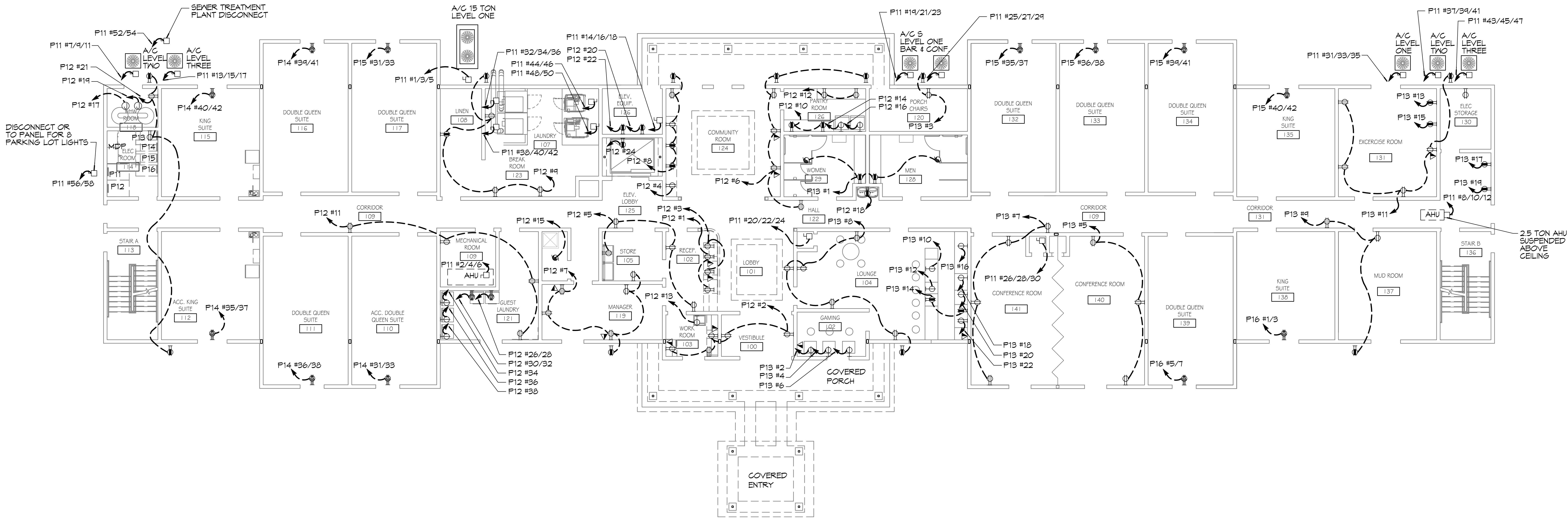


2 POWER PLAN - LEVELS 2 & 3

SCALE: 3/32" = 1'-0"

NOTE: THIS PLAN SHOWS LEVEL 2 POWER AND CIRCUITS. LEVEL 3 IS IDENTICAL TO LEVEL 2 EXCEPT ROOM NUMBERS AND CIRCUIT NUMBERS WILL BEGIN WITH "3".

25 GUESTROOMS EACH FLOOR



1 POWER PLAN - LEVEL 1

SCALE: 3/32" = 1'-0"

12 GUESTROOMS

ELECTRICAL LEGEND - POWER

SYMB

- STANDARD 120V DUPLEX RECEPTACLE, NEMA 5-2 OR 18" AFF (UNLESS OTHERWISE NOTED)
- SINGLE-POLE DEDICATED RECEPTACLE - REFER TO PANEL SCHEDULE FOR CIRCUIT SIZE
- GFCI DUPLEX RECEPTACLE
- GFCI QUAD RECEPTACLE
- 208V DEDICATED RECEPTACLE
- 220V DEDICATED GFCI RECEPTACLE
- WEATHER-PROOF GFCI DUPLEX RECEPTACLE MOUNTED AT 30" AFF (UNLESS OTHERWISE NOTED)
- STANDARD 120V DUPLEX RECEPTACLE - FLOOR MOUNTED
- STANDARD QUAD RECEPTACLE - WALL-MOUNTED
- STANDARD QUAD RECEPTACLE - FLOOR MOUNTED
- 125V 15 AMP DUPLEX-USB 5VDC 3 AMP HUBBELL USB CHARGER RECEPTACLE
- 125V 15 AMP QUADPLEX-USB 5VDC 3 AMP HUBBELL USB CHARGER RECEPTACLE
- Ⓙ JUNCTION BOX
- Ⓖ GENERATOR BATTERY CHARGER GFI OUTLET
- 2-BUTTON PUSH BUTTON STATION
- COAX-CABLE CONNECTION FOR TELEVISION
- ◀ WALL MOUNTED DATA OUTLET
- FLOOR DATA OUTLET
- POWER DISCONNECT
- GAS WATER HEATER ON DECK OR MEZZANINE ABOVE - SIZE AS NOTED ON PLAN
- AIR CONDITIONING AIR HANDLING UNIT ON DECK OR MEZZANINE ABOVE, SEE MECHANICAL DRAWINGS
- AIR CONDITIONING CONDENSER UNIT ON CONCRETE PAD, SEE MECHANICAL DRAWINGS

NOTES:

1. CONNECT ALL EMERGENCY/EXIT LIGHT FIXTURES TO NEAREST CONSTANT POWER SOURCE.
2. THE #2 NEXT TO A RECEPTACLE OR DATA OUTLET DESIGNATES THAT THERE ARE TO BE TWO OUTLETS AT THAT LOCATION...ONE OVER THE OTHER (ONE HIGH & ONE LOW ON WALL)
3. REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHT AND ORIENTATION OF OUTLETS MOUNTED ABOVE COUNTERTOPS.
4. ALL OUTLETS IN SUITES SHALL BE ARC FAULT.

ELECTRICAL LEGEND - LIGHTING

- EMERGENCY LIGHT FIXTURE
- EXIT LIGHT FIXTURE - WALL MOUNTED
- EXIT LIGHT FIXTURE - CEILING MOUNTED
- CEILING FAN
- CLNG MTD FLUOR STRIP FIXTURE
- ◎ RECESSED CEILING LIGHT FIXTURE
- CLNG HUNG FLOUR STRIP FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- CLNG MTD FLUOR FIXTURE
- ◎ OUTDOOR LIGHT ON PHOTO TIMER- MTD IN GROUND
- ⌖ PENDANT LIGHT FIXTURE
- EXHAUST FAN - SEE MECH
- LP ELECTRIC PANEL BOARD
- CIRCUIT HOME RUN
- WALL MTD SPEAKER - PROVIDE RATED HOUSING FOR RATED WALLS WHERE INDICATED
- CLNG MTD SPEAKER - PROVIDE RATED HOUSING FOR RATED CEILING WHERE INDICATED
- ✱ EXTEND TO FIXTURE(S) NOT SHOWN - SEE NOTE
- $ LIGHT SWITCH 120V COMMERCIAL GRADE
- $³ LIGHT SWITCH - 3-WAY 120V COMMERCIAL GRADE
- $ᴰ LIGHT SWITCH - DIMMER 120V COMMERCIAL GRADE
- Ⓣ$ PROVIDED BY MC.

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

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02-19-16

MAIN STAY
SUITES

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JOB No:	2265	DATE:	FEBRUARY, 2016
DRAWN BY:	JTL	CHECKED BY:	BAM

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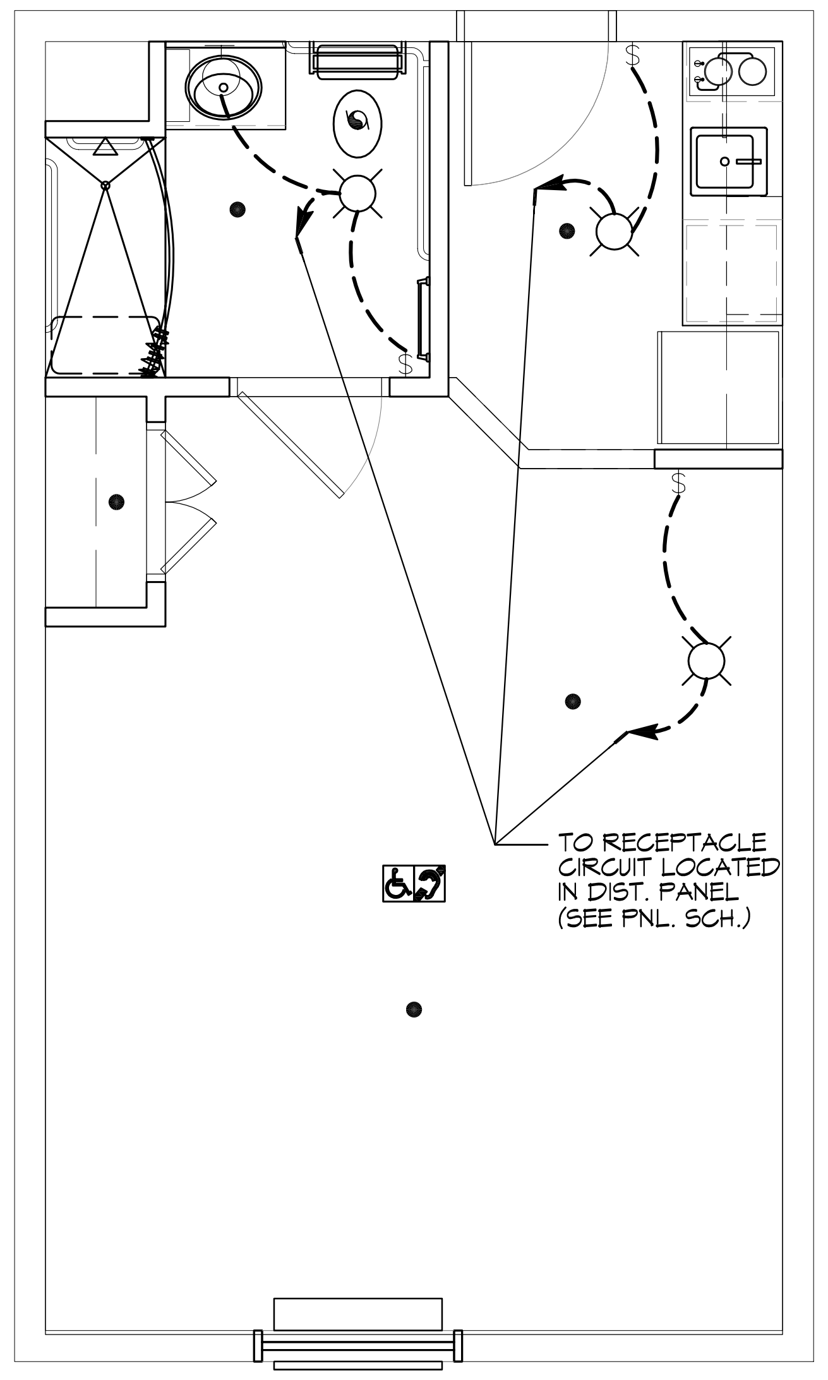
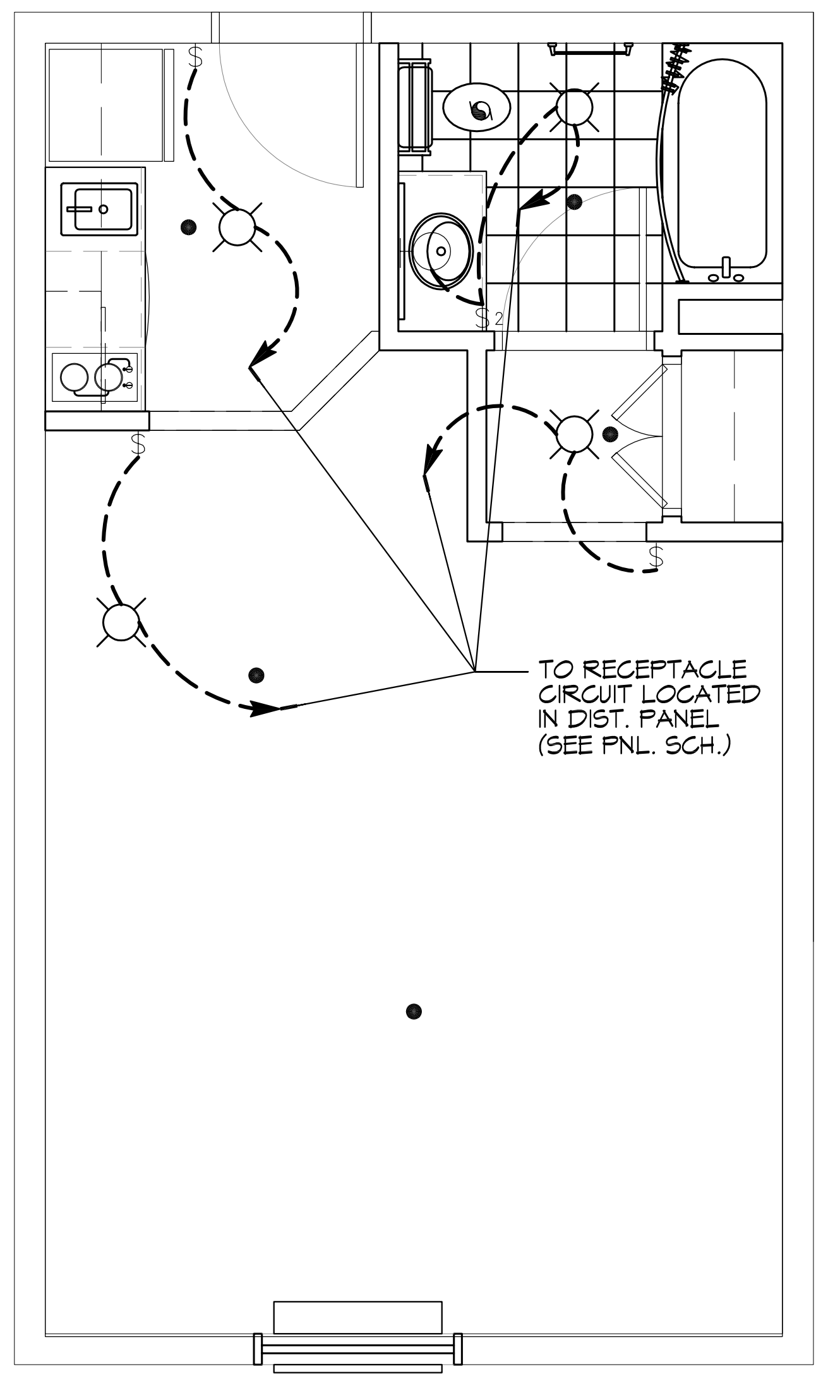
SHEET TITLE:
POWER
PLANS - LEVEL 1, 2, & 3,

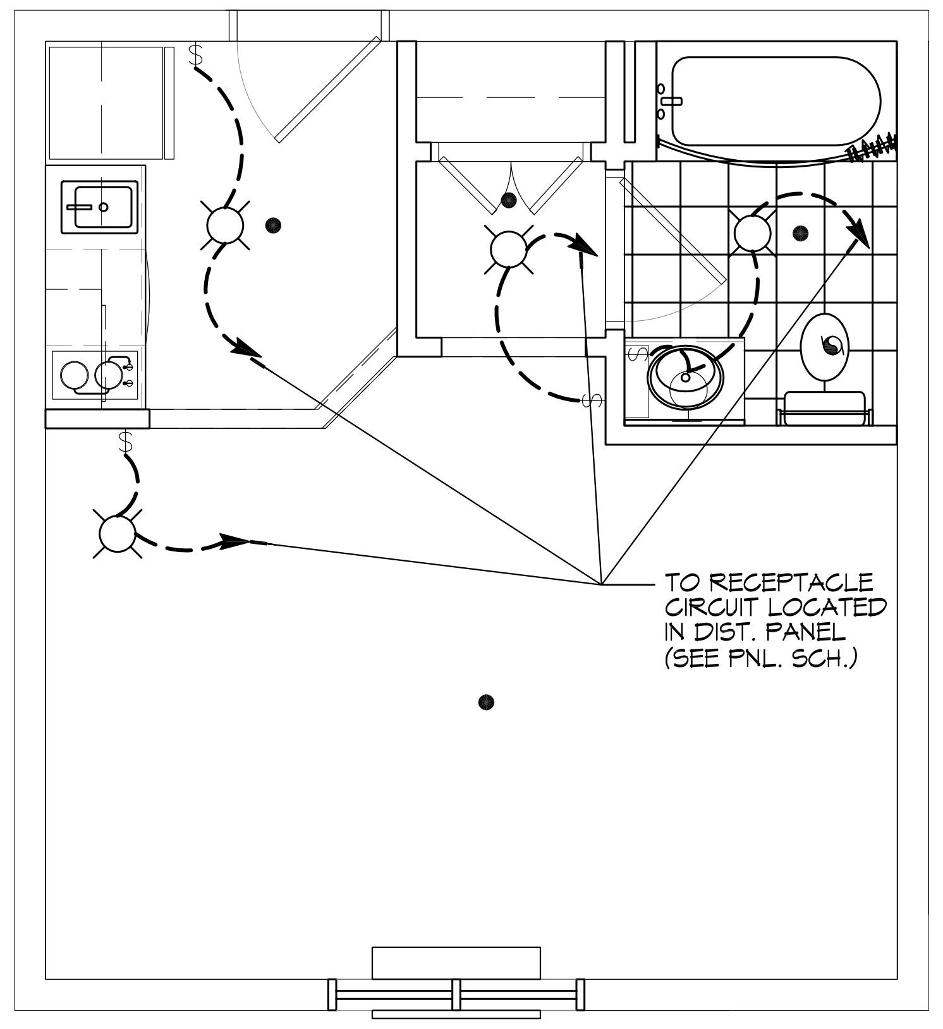
DRAWING NUMBER:
E102


TO RECEPTACLE CIRCUIT LOCATED IN DIST. PANEL (SEE PNL. SCH.)

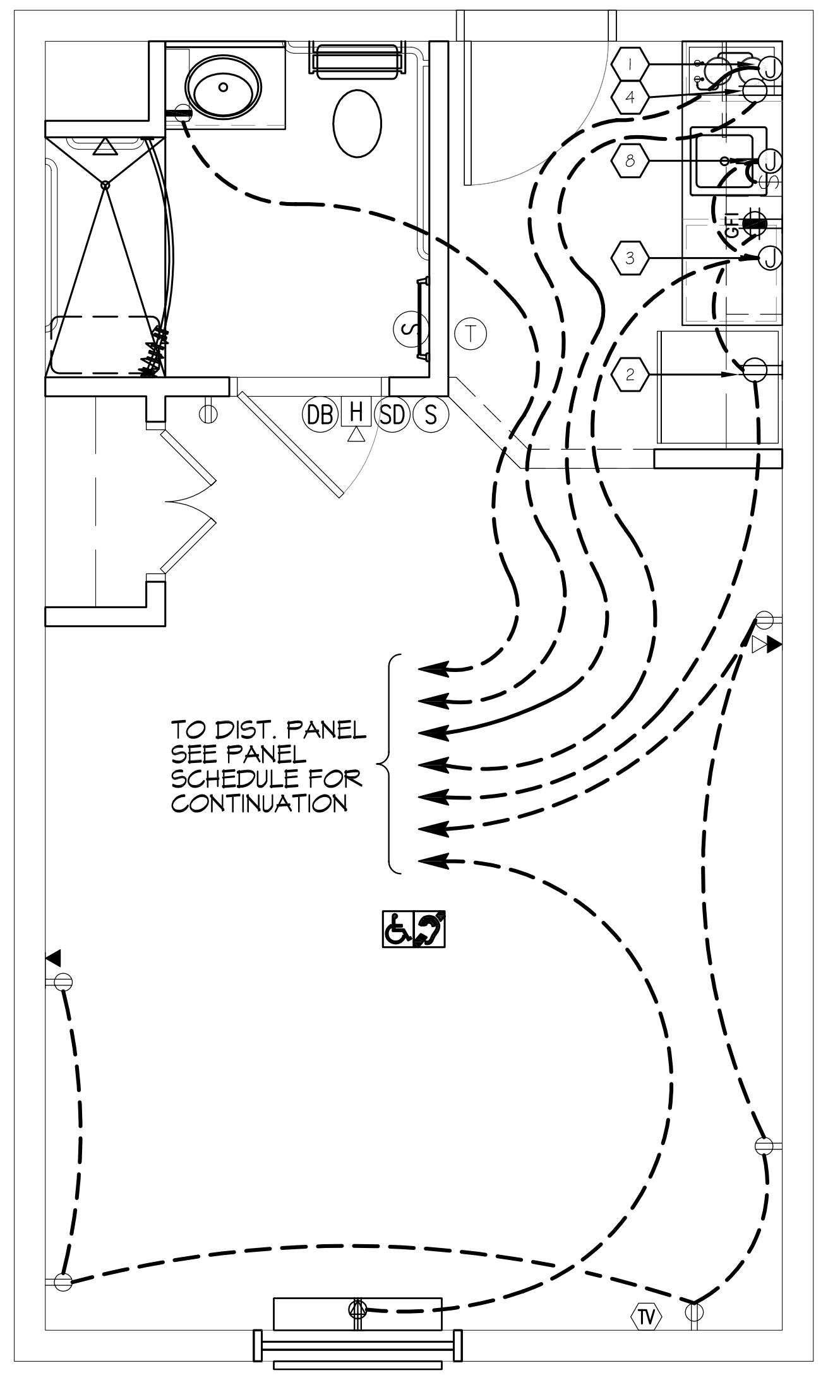
1 ACCESSIBLE DOUBLE QUEEN SUITE (LIGHTING)
SCALE: 1/4"=1'-0"


TO RECEPTACLE CIRCUIT LOCATED IN DIST. PANEL (SEE PNL. SCH.)

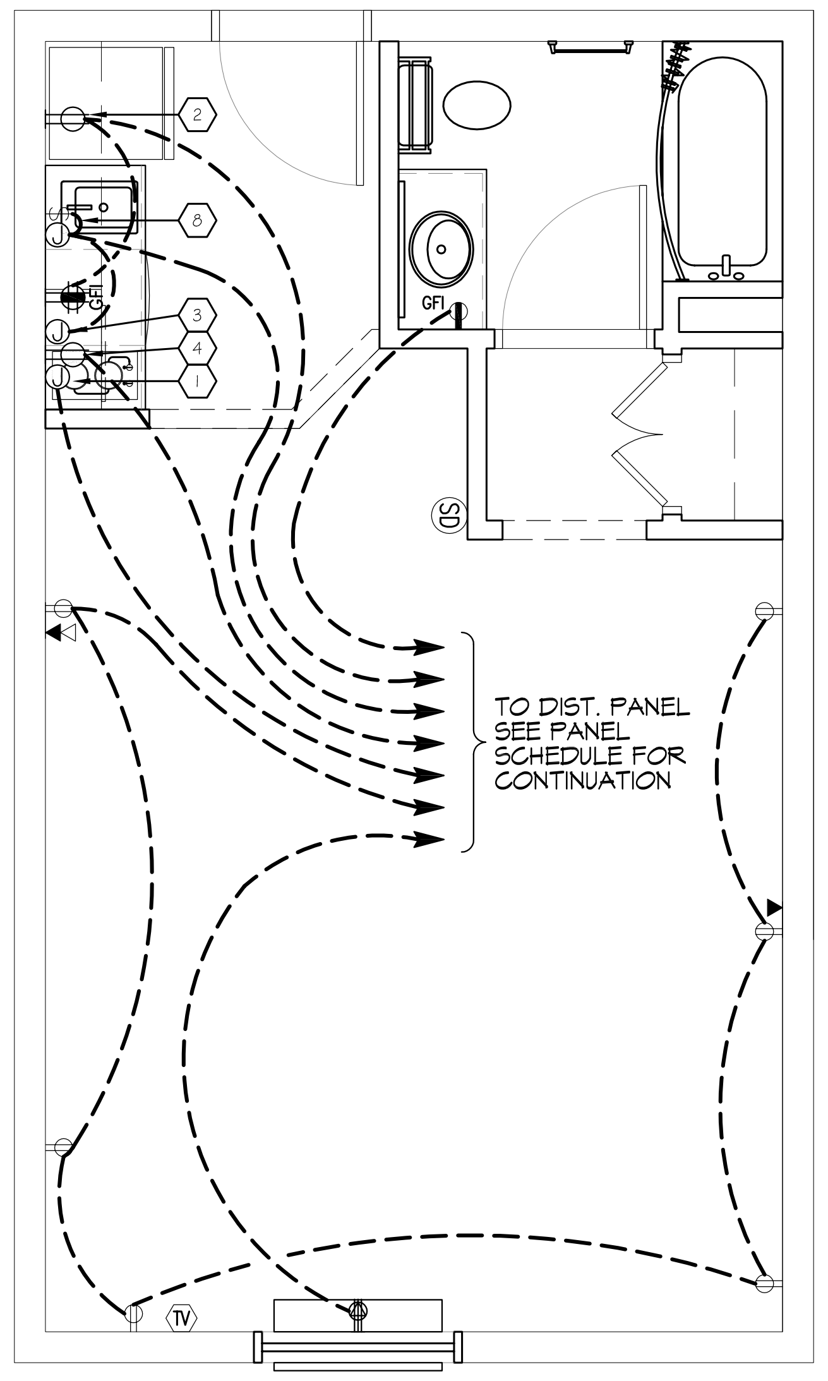
3 DOUBLE QUEEN SUITE (LIGHTING)
SCALE: 1/4"=1'-0"


TO RECEPTACLE CIRCUIT LOCATED IN DIST. PANEL (SEE PNL. SCH.)

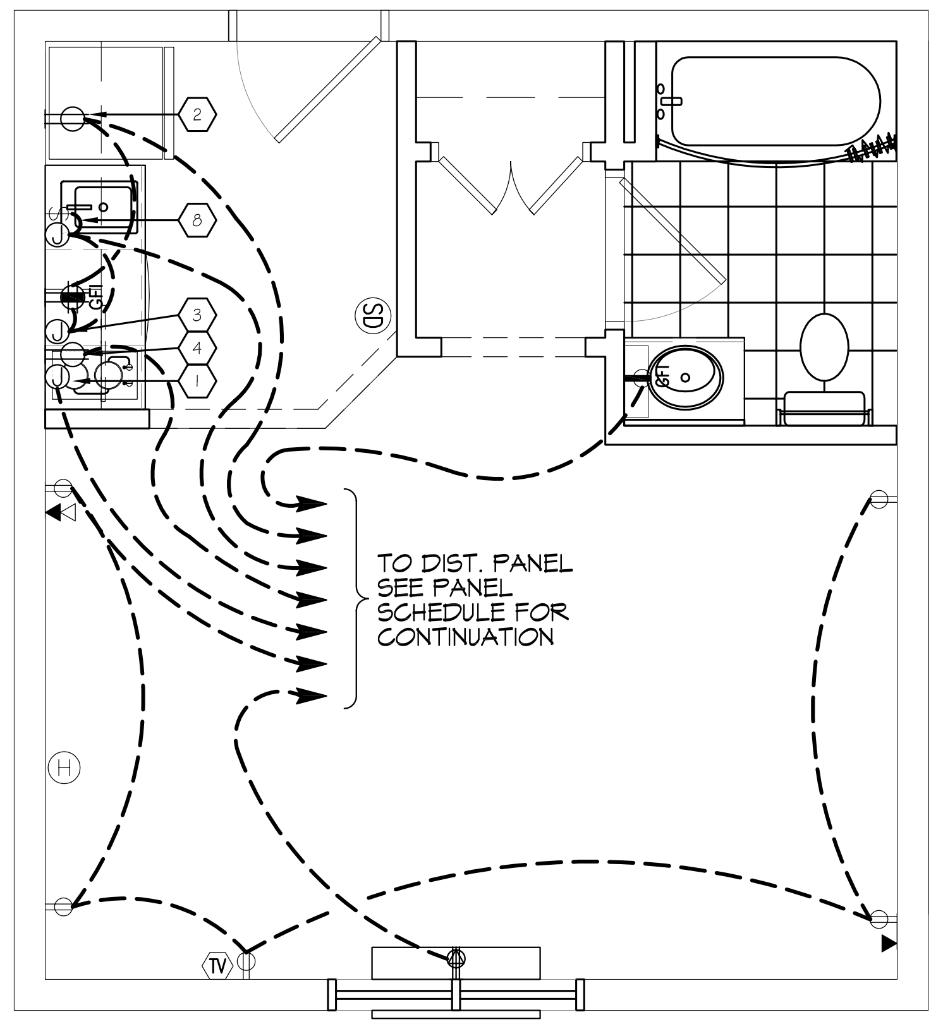
5 KING SUITE (LIGHTING)
SCALE: 1/4"=1'-0"



2 ACCESSIBLE DOUBLE QUEEN SUITE (POWER)
SCALE: 1/4"=1'-0"



4 DOUBLE QUEEN SUITE (POWER)
SCALE: 1/4"=1'-0"



6 KING SUITE (POWER)
SCALE: 1/4"=1'-0"

ELECTRICAL LEGEND -POWER

SYMB
- STANDARD 120V DUPLEX RECEPTACLE, NEMA 5-2 OR 18" AFF (UNLESS OTHERWISE NOTED)
- SINGLE-POLE DEDICATED RECEPTACLE - REFER TO PANEL SCHEDULE FOR CIRCUIT SIZE
- GFCI DUPLEX RECEPTACLE
- GFCI QUAD RECEPTACLE
- 208V DEDICATED RECEPTACLE
- 220V DEDICATED GFCI RECEPTACLE
- WEATHER-PROOF GFCI DUPLEX RECEPTACLE MOUNTED AT 30" AFF (UNLESS OTHERWISE NOTED)
- STANDARD 120V DUPLEX RECEPTACLE - FLOOR MOUNTED
- STANDARD QUAD RECEPTACLE - WALL-MOUNTED
- STANDARD QUAD RECEPTACLE - FLOOR MOUNTED
- 125V 15 AMP DUPLEX-USB 5VDC 3 AMP HUBBELL USB CHARGER RECEPTACLE
- 125V 15 AMP QUADPLEX-USB 5VDC 3 AMP HUBBELL USB CHARGER RECEPTACLE
- Ⓙ JUNCTION BOX
- Ⓖ GENERATOR BATTERY CHARGER GFI OUTLET
- 2-BUTTON PUSH BUTTON STATION
- COAX-CABLE CONNECTION FOR TELEVISION
- ◀ WALL MOUNTED DATA OUTLET
- FLOOR DATA OUTLET
- POWER DISCONNECT
- GAS WATER HEATER ON DECK OR MEZZANINE ABOVE - SIZE AS NOTED ON PLAN
- AIR CONDITIONING AIR HANDLING UNIT ON DECK OR MEZZANINE ABOVE, SEE MECHANICAL DRAWINGS
- AIR CONDITIONING CONDENSER UNIT ON CONCRETE PAD, SEE MECHANICAL DRAWINGS

NOTES:
1. CONNECT ALL EMERGENCY/EXIT LIGHT FIXTURES TO NEAREST CONSTANT POWER SOURCE.
2. THE #2 NEXT TO A RECEPTACLE OR DATA OUTLET DESIGNATES THAT THERE ARE TO BE TWO OUTLETS AT THAT LOCATION...ONE OVER THE OTHER (ONE HIGH & ONE LOW ON WALL)
3. REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHT AND ORIENTATION OF OUTLETS MOUNTED ABOVE COUNTERTOPS.
4. ALL OUTLETS IN SUITES SHALL BE ARC FAULT.

ELECTRICAL LEGEND -LIGHTING

- EMERGENCY LIGHT FIXTURE
- EXIT LIGHT FIXTURE - WALL MOUNTED
- EXIT LIGHT FIXTURE - CEILING MOUNTED
- CEILING FAN
- CLNG MTD FLUOR STRIP FIXTURE
- ◎ RECESSED CEILING LIGHT FIXTURE
- CLNG HUNG FLOUR STRIP FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- CLNG MTD FLUOR FIXTURE
- ◎ OUTDOOR LIGHT ON PHOTO TIMER- MTD IN GROUND
- PENDANT LIGHT FIXTURE
- EXHAUST FAN - SEE MECH
- LP ELECTRIC PANEL BOARD
- CIRCUIT HOME RUN
- WALL MTD SPEAKER - PROVIDE RATED HOUSING FOR RATED WALLS WHERE INDICATED
- CLNG MTD SPEAKER - PROVIDE RATED HOUSING FOR RATED CEILING WHERE INDICATED
- ✱ EXTEND TO FIXTURE(S) NOT SHOWN - SEE NOTE
- $ LIGHT SWITCH 120V COMMERCIAL GRADE
- $³ LIGHT SWITCH - 3-WAY 120V COMMERCIAL GRADE
- $ᴰ LIGHT SWITCH - DIMMER 120V COMMERCIAL GRADE
- Ⓣ$ PROVIDED BY MC.

KEY NOTES

1. JUNCTION BOX FOR RANGE TOP.
2. DUPLEX RECEPTACLE FOR REFRIGERATOR, MOUNTED 30"ABOVE FLOOR.
3. JUNCTION BOX FOR DISHWASHER, MOUNTED BELOW COUNTER
4. DUPLEX RECEPTACLE FOR MICROWAVE, MOUNTED IN CABINET ABOVE MICROWAVE.
8. SWITCH AND JUNCTION BOX FOR GARBAGE DISPOSAL, SWITCH TO BE MOUNTED ABOVE COUNTER AND JUNCTION BOX TO BE MOUNTED IN CABINET BELOW SINK.

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MAIN STAY SUITES

700 MAIN STREET
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HACKBERRY, LA 70645

JOB No: 2265 DATE: FEBRUARY, 2016
DRAWN BY: JTL CHECKED BY: BAM

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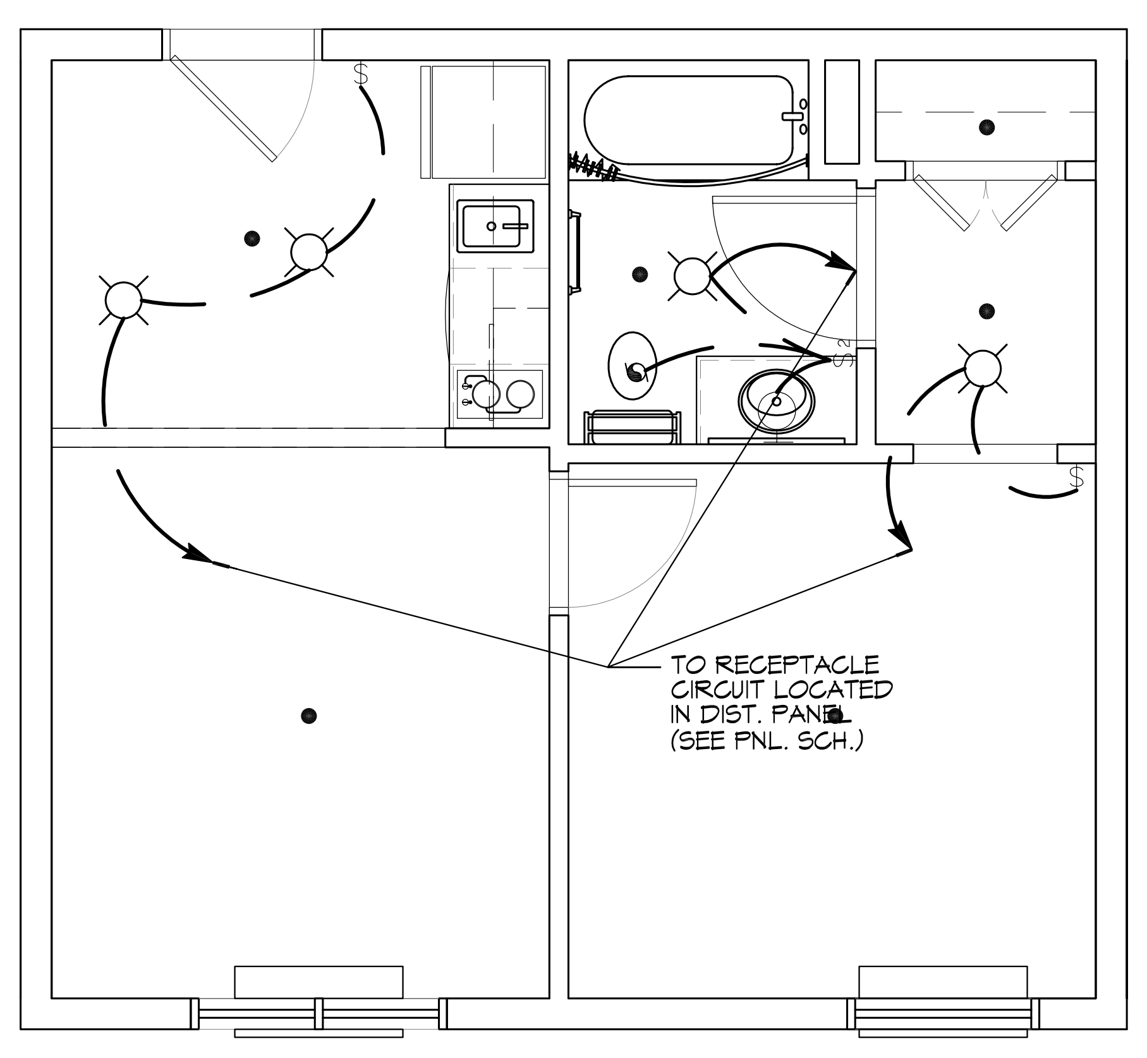
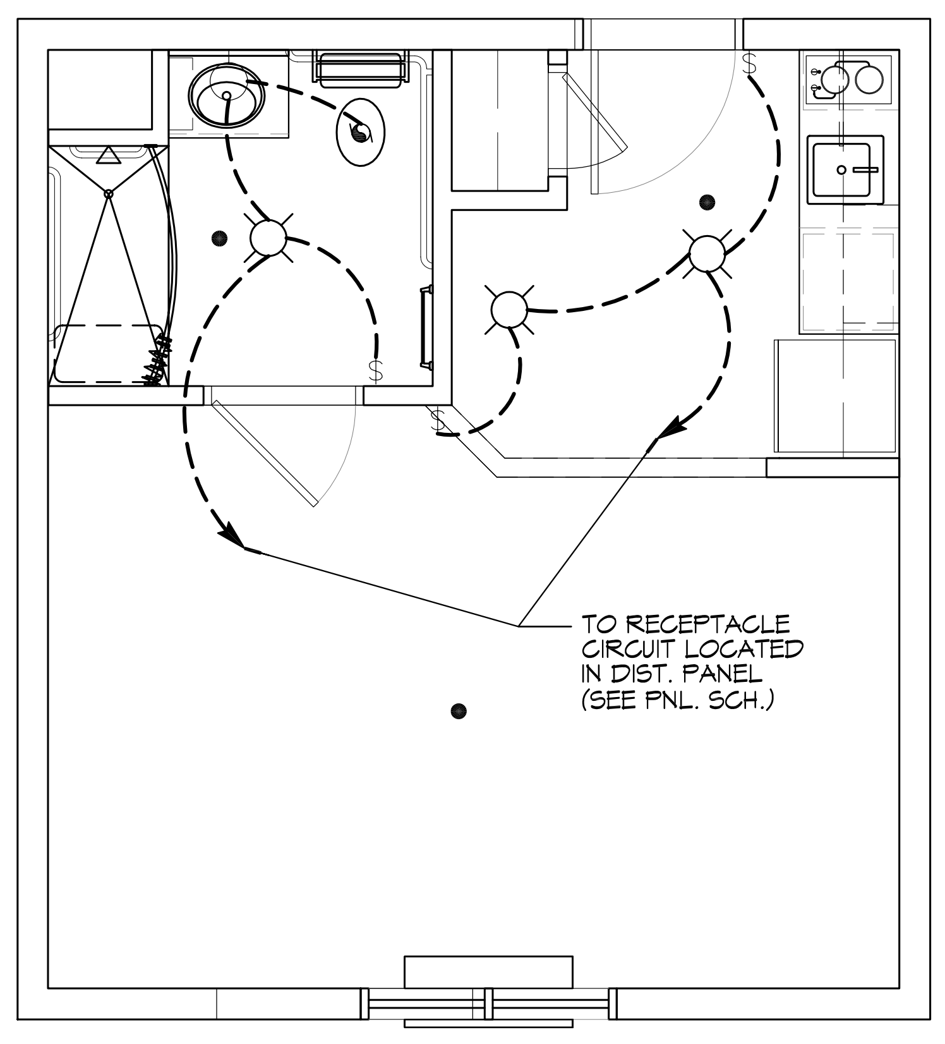
SHEET TITLE:
POWER & LIGHTING SUITES

DRAWING NUMBER:
E103

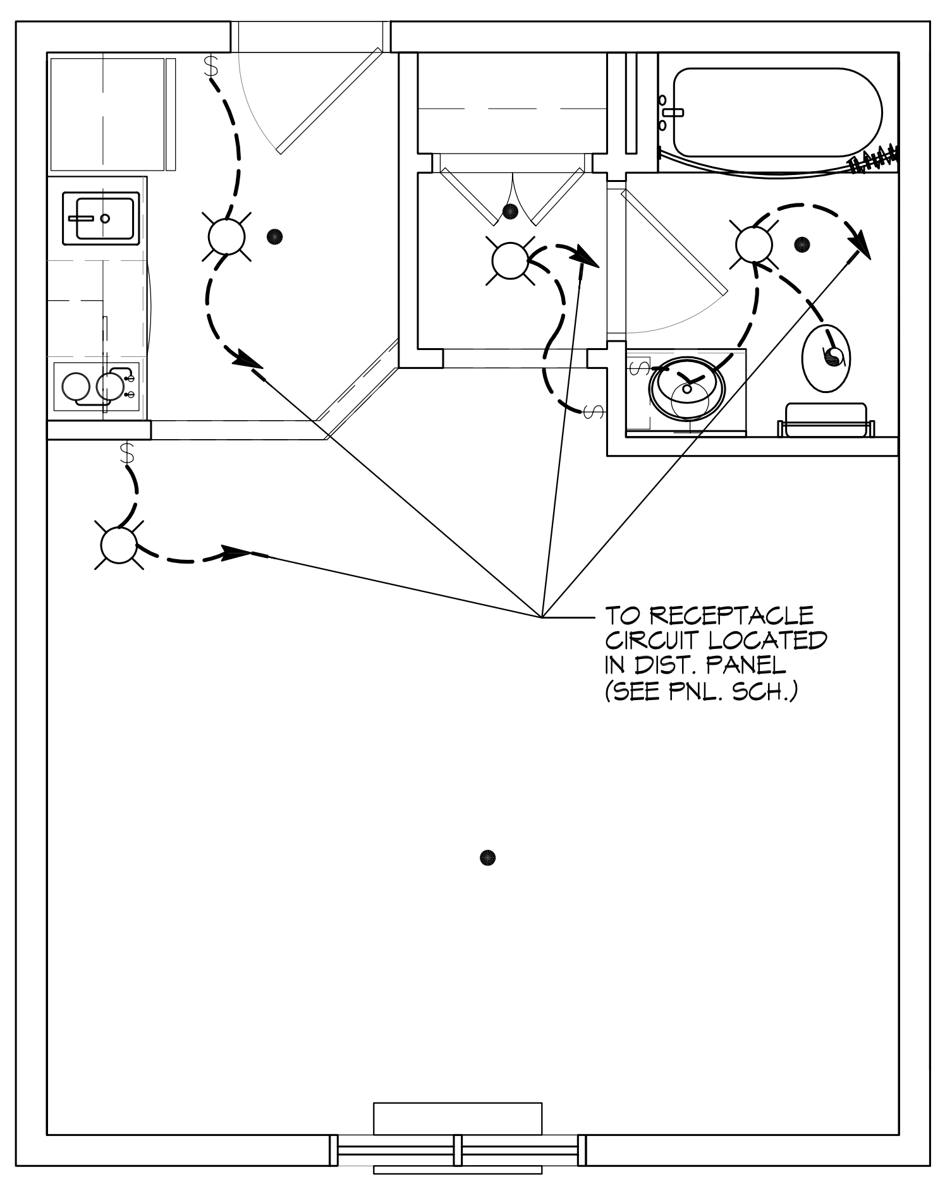
SHEET No: 47 of 52



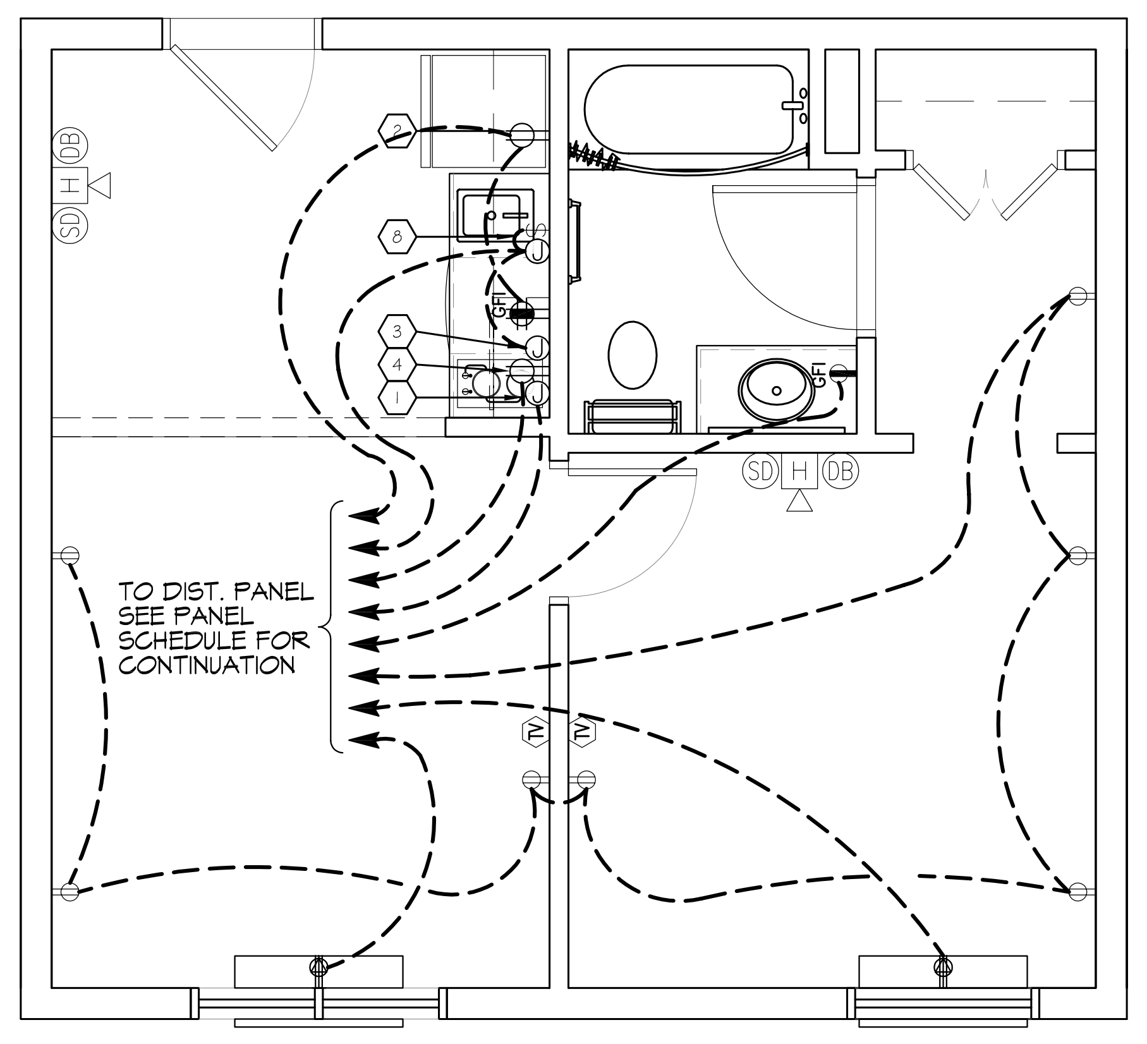
1 ACCESSIBLE ONE BEDROOM SUITE (LIGHTING)
SCALE: 1/4"=1'-0"



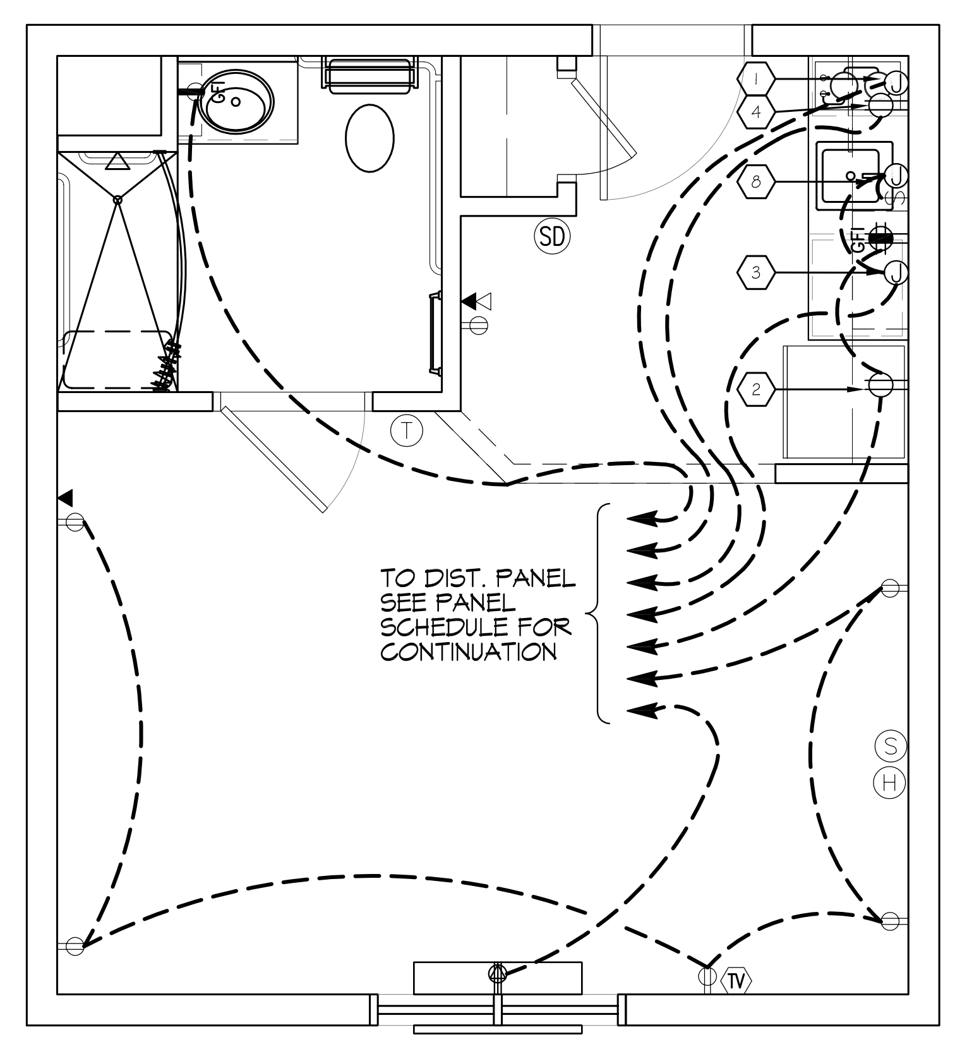
3 ACCESSIBLE KING SUITE (LIGHTING)
SCALE: 1/4"=1'-0"



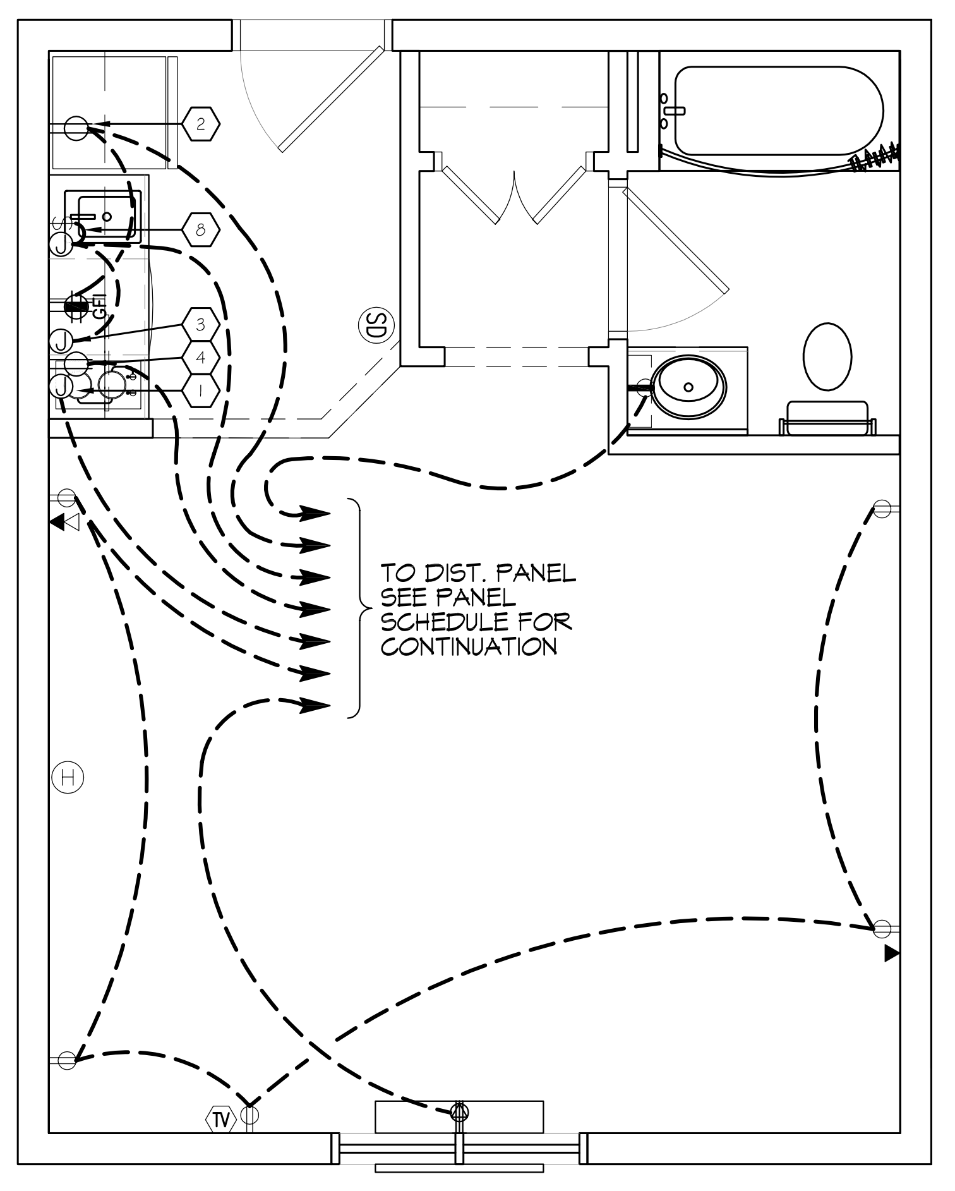
5 KING SUITE LARGE (LIGHTING)
SCALE: 1/4"=1'-0"



2 ACCESSIBLE ONE BEDROOM SUITE (POWER)
SCALE: 1/4"=1'-0"



4 ACCESIBLE KING SUITE (POWER)
SCALE: 1/4"=1'-0"



6 KING SUITE LARGE (POWER)
SCALE: 1/4"=1'-0"

ELECTRICAL LEGEND - POWER

SYMB	
⊖	STANDARD 120V DUPLEX RECEPTACLE, NEMA 5-2 OR 18" AFF (UNLESS OTHERWISE NOTED)
▶	SINGLE-POLE DEDICATED RECEPTACLE - REFER TO PANEL SCHEDULE FOR CIRCUIT SIZE
⊖	GFCI DUPLEX RECEPTACLE
⊕	GFCI QUAD RECEPTACLE
⊜	208V DEDICATED RECEPTACLE
⊜	220V DEDICATED GFCI RECEPTACLE
⊖	WEATHER-PROOF GFCI DUPLEX RECEPTACLE MOUNTED AT 30" AFF (UNLESS OTHERWISE NOTED)
⊙	STANDARD 120V DUPLEX RECEPTACLE - FLOOR MOUNTED
⊖	STANDARD QUAD RECEPTACLE - WALL-MOUNTED
⊕	STANDARD QUAD RECEPTACLE - FLOOR MOUNTED
⊖	125V 15 AMP DUPLEX-USB 5VDC 3 AMP HUBBELL USB CHARGER RECEPTACLE
⊕	125V 15 AMP QUADPLEX-USB 5VDC 3 AMP HUBBELL USB CHARGER RECEPTACLE
Ⓙ	JUNCTION BOX
Ⓖ	GENERATOR BATTERY CHARGER GFI OUTLET
⁚	2-BUTTON PUSH BUTTON STATION
⊕	COAX-CABLE CONNECTION FOR TELEVISION
◁	WALL MOUNTED DATA OUTLET
▶	FLOOR DATA OUTLET
☐	POWER DISCONNECT
○	GAS WATER HEATER ON DECK OR MEZZANINE ABOVE - SIZE AS NOTED ON PLAN
☐	AIR CONDITIONING AIR HANDLING UNIT ON DECK OR MEZZANINE ABOVE, SEE MECHANICAL DRAWINGS
⊞	AIR CONDITIONING CONDENSER UNIT ON CONCRETE PAD, SEE MECHANICAL DRAWINGS

NOTES:

1. CONNECT ALL EMERGENCY/EXIT LIGHT FIXTURES TO NEAREST CONSTANT POWER SOURCE.
2. THE #2 NEXT TO A RECEPTACLE OR DATA OUTLET DESIGNATES THAT THERE ARE TO BE TWO OUTLETS AT THAT LOCATION...ONE OVER THE OTHER (ONE HIGH & ONE LOW ON WALL)
3. REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHT AND ORIENTATION OF OUTLETS MOUNTED ABOVE COUNTERTOPS.
4. ALL OUTLETS IN SUITES SHALL BE ARC FAULT.

ELECTRICAL LEGEND - LIGHTING

△	EMERGENCY LIGHT FIXTURE
⊗	EXIT LIGHT FIXTURE - WALL MOUNTED
⊗	EXIT LIGHT FIXTURE - CEILING MOUNTED
✕	CEILING FAN
▭	CLNG MTD FLUOR STRIP FIXTURE
◎	RECESSED CEILING LIGHT FIXTURE
▭	CLNG HUNG FLOUR STRIP FIXTURE
⌖	SURFACE MOUNTED LIGHT FIXTURE
⊠	WALL MOUNTED LIGHT FIXTURE
▤	CLNG MTD FLUOR FIXTURE
◎	OUTDOOR LIGHT ON PHOTO TIMER- MTD IN GROUND
⌖	PENDANT LIGHT FIXTURE
●	EXHAUST FAN - SEE MECH
LP	ELECTRIC PANEL BOARD
↗	CIRCUIT HOME RUN
◁	WALL MTD SPEAKER - PROVIDE RATED HOUSING FOR RATED WALLS WHERE INDICATED
◯	CLNG MTD SPEAKER - PROVIDE RATED HOUSING FOR RATED CEILING WHERE INDICATED
✱	EXTEND TO FIXTURE(S) NOT SHOWN - SEE NOTE
$	LIGHT SWITCH 120V COMMERCIAL GRADE
$³	LIGHT SWITCH - 3-WAY 120V COMMERCIAL GRADE
$ᴰ	LIGHT SWITCH - DIMMER 120V COMMERCIAL GRADE
Ⓣ$	PROVIDED BY MC.

KEY NOTES

1. JUNCTION BOX FOR RANGE TOP.
2. DUPLEX RECEPTACLE FOR REFRIGERATOR, MOUNTED 30"ABOVE FLOOR.
3. JUNCTION BOX FOR DISHWASHER, MOUNTED BELOW COUNTER
4. DUPLEX RECEPTACLE FOR MICROWAVE, MOUNTED IN CABINET ABOVE MICROWAVE.
8. SWITCH AND JUNCTION BOX FOR GARBAGE DISPOSAL, SWITCH TO BE MOUNTED ABOVE COUNTER AND JUNCTION BOX TO BE MOUNTED IN CABINET BELOW SINK.

DAMMON
ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

BRIAN A. MISTICH
License No. 30187
02-19-16

MAIN STAY SUITES

700 MAIN STREET
LOT #7 LA HWY 27
HACKBERRY, LA 70645

JOB No:	2265	DATE:	FEBRUARY, 2016
DRAWN BY:	JTL	CHECKED BY:	BAM

The above drawings and specifications, designs and arrangements represented thereby are and shall remain the property of Dammon Engineering, and no part thereof shall be copied, disclosed to others, or used in connection with any work or project other than the specific project for which the have been prepared and developed without written consent of Dammon Engineering. Visual contact with these drawings or specifications shall constitute conclusive evidence of acceptance of these restrictions.

SHEET TITLE:
POWER & LIGHTING SUITES

DRAWING NUMBER:
E104

FILE NAME: J:\ - Hotels-Motels\2265 - Mainstay Hotel - Hackberry Louisiana\Drawings\Current Drawings\E105 Electrical Panel Schedules.dwg PLOT DATE & TIME: Monday, February 22, 2016 8:16:31 AM

PANEL SCHEDULE

PANEL: MDP
LOCATION: MECHANICAL, ELECTRICAL & PLUMBING ROOM 114 FIRST LEVEL
FEEDER SOURCE: SERVICE
VOLTAGE: 208/120V, 1600A, 3Φ, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QED SWITCHBOARD

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	2 X 250MCM	ELECTRICAL CIRCUIT PANEL P11 FIRST LEVEL	400	3	52,439	16,744	3	175	ELECTRICAL CIRCUIT PANEL P12 FIRST LEVEL	4/0	2
3					54,881	13,699					4
5					50,881	14,025					6
7	4/0	ELECTRICAL CIRCUIT PANEL P13 FIRST LEVEL	175	3	9810	18070	3	175	ELECTRICAL CIRCUIT PANEL P14 FIRST LEVEL	4/0	8
9					9276	18,930					10
11					7962	19,000					12
13	4/0	ELECTRICAL CIRCUIT PANEL P15 FIRST LEVEL	175	3	18,070	98,908	3	400	SECOND LEVEL ELECTRICAL CIRCUIT PANEL P21	2 X 250MCM	14
15					18,930	102,912					16
17					19,000	99,575					18
19	4/0	ELECTRICAL CIRCUIT PANEL P16 FIRST LEVEL	175	3	7,800	100,480	3	400	THIRD LEVEL ELECTRICAL CIRCUIT PANEL P31	2 X 250MCM	20
21					6,870	105,912					22
23					7,730	100,575					24

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 972,479

AΦ = 322,321 | BΦ = 331,410 | CΦ = 318,748

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P11
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 114 FIRST LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 400A 3Φ, 4W W/MB PANEL
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QED SWITCHBOARD

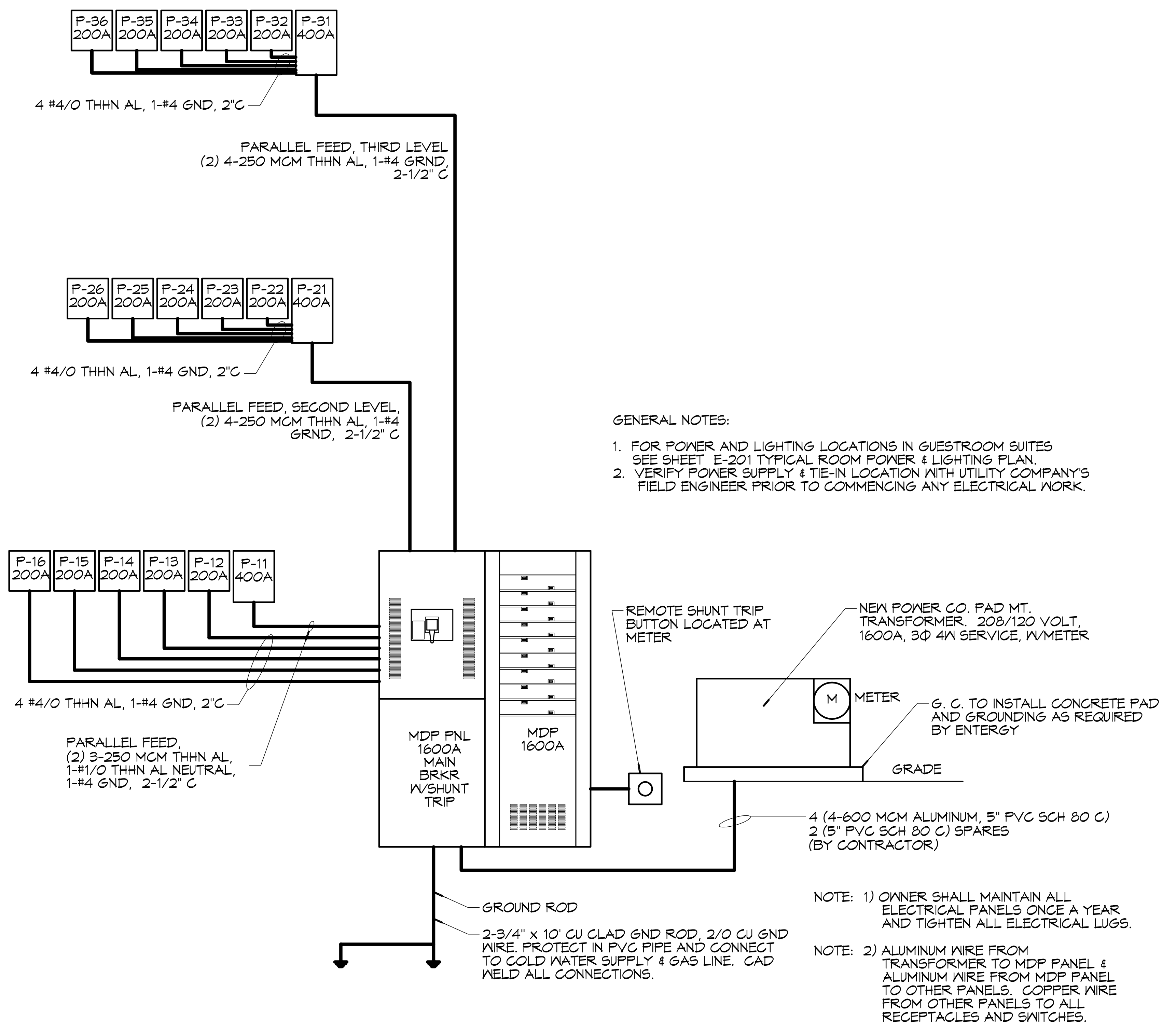
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#8	15 TON A/C CONDENSER UNIT 1ST LEVEL	80	3	7956	7500	3	90	15 TON HVAC UNIT, 1ST LEVEL, 22.5 KW HEAT	#3	2
3					7956	7500					4
5					7956	7500					6
7	#12	2 1/2 TON A/C CONDENSER UNIT THIS END	15	3	1200	3333	3	60	2 1/2 TON HVAC UNIT, 1ST LEVEL 10 KW HEAT	#6	8
9					1200	3333					10
11					1200	3333					12
13	#12	2 1/2 TON A/C CONDENSER UNIT THIS END	15	3	1200	9950	3	50	ELEVATOR MOTOR POWER DISCONNECT	#8	14
15					1200	9950					16
17					1200	9950					18
19	#12	2 1/2 TON A/C CONDENSER UNIT CENTER, LOUNGE	15	3	1200	3333	3	60	2 1/2 TON HVAC UNIT, 1ST LEVEL LOUNGE 10 KW HEAT	#6	20
21					1200	3333					22
23					1200	3333					24
25	#12	2 1/2 TON A/C CONDENSER UNIT CENTER, CONFERENCE ROOM	15	3	1200	3333	3	60	2 1/2 TON HVAC UNIT, 1ST LEVEL CONFERENCE ROOM 10 KW HEAT	#6	26
27					1200	3333					28
29					1200	3333					30
31	#12	2 1/2 TON A/C CONDENSER UNIT OPPOSITE END, FOR 1ST LEVEL	15	3	1200	917	3	15	HOUSE DRYER	#12	32
33					1200	917					34
35					1200	917					36
37	#12	2 1/2 TON A/C CONDENSER UNIT OPPOSITE END, FOR 2ND LEVEL,	15	3	1200	917	3	15	HOUSE DRYER	#12	38
39					1200	917					40
41					1200	917					42
43	#12	2 1/2 TON A/C CONDENSER UNIT OPPOSITE END FOR 3RD LEVEL,	15	3	1200	1400	2	15	HOUSE WASHER	#12	44
45					1200	1400					46
47					1200	1400	2	15	HOUSE WASHER	#12	48
49						1400					50
51						3842	1	40	SEWER TREATMENT PLANT	#8	52
53						3842					54
55						4000	1	30	PARKING LOT LIGHTING	#10	56
57						4000					58
59											60
61											62
63											64

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 158,201

AΦ = 52,439 | BΦ = 54,881 | CΦ = 50,881

GROUND BUS
GROUND WIRE (G)


P-36 200A
P-35 200A
P-34 200A
P-33 200A
P-32 200A
P-31 400A
4 #4/0 THHN AL, 1-#4 GND, 2"C
PARALLEL FEED, THIRD LEVEL (2) 4-250 MCM THHN AL, 1-#4 GRND, 2-1/2" C
P-26 200A
P-25 200A
P-24 200A
P-23 200A
P-22 200A
P-21 400A
4 #4/0 THHN AL, 1-#4 GND, 2"C
PARALLEL FEED, SECOND LEVEL, (2) 4-250 MCM THHN AL, 1-#4 GRND, 2-1/2" C
P-16 200A
P-15 200A
P-14 200A
P-13 200A
P-12 200A
P-11 400A
4 #4/0 THHN AL, 1-#4 GND, 2"C
PARALLEL FEED, (2) 3-250 MCM THHN AL, 1-#1/0 THHN AL NEUTRAL, 1-#4 GND, 2-1/2" C
MDP PNL 1600A MAIN BRKR W/SHUNT TRIP
MDP 1600A
REMOTE SHUNT TRIP BUTTON LOCATED AT METER
NEW POWER CO. PAD MT. TRANSFORMER. 208/120 VOLT, 1600A, 3Φ 4W SERVICE, W/METER
M
METER
G. C. TO INSTALL CONCRETE PAD AND GROUNDING AS REQUIRED BY ENTERGY
GRADE
4 (4-600 MCM ALUMINUM, 5" PVC SCH 80 C) 2 (5" PVC SCH 80 C) SPARES (BY CONTRACTOR)
GROUND ROD
2-3/4" x 10' CU CLAD GND ROD, 2/0 CU GND WIRE. PROTECT IN PVC PIPE AND CONNECT TO COLD WATER SUPPLY & GAS LINE. CAD WELD ALL CONNECTIONS.

GENERAL NOTES:

1. FOR POWER AND LIGHTING LOCATIONS IN GUESTROOM SUITES SEE SHEET E-201 TYPICAL ROOM POWER & LIGHTING PLAN.
2. VERIFY POWER SUPPLY & TIE-IN LOCATION WITH UTILITY COMPANY'S FIELD ENGINEER PRIOR TO COMMENCING ANY ELECTRICAL WORK.

NOTE: 1) OWNER SHALL MAINTAIN ALL ELECTRICAL PANELS ONCE A YEAR AND TIGHTEN ALL ELECTRICAL LUGS.

NOTE: 2) ALUMINUM WIRE FROM TRANSFORMER TO MDP PANEL & ALUMINUM WIRE FROM MDP PANEL TO OTHER PANELS. COPPER WIRE FROM OTHER PANELS TO ALL RECEPTACLES AND SWITCHES.

ELECTRICAL ONE-LINE DIAGRAM

SCALE: N.T.S.

ELECTRICAL LOAD SUMMARY

ENTERGY POWER COMPANY

PROJECT NAME: SPORTMAN'S LODGE - HACKBERRY, LOUISIANA
PROJECT ADDRESS: LOT #7 HIGHWAY 27
CITY/TOWN: HACKBERRY, LA 70645
INTENDED USER: HOTEL OCCUPANTS

REQ SERV: 208 V 3 PHASE 4 WIRES
SERV ENTR SIZE: 1600 AMPS
HVAC TONNAGE: ____ TONS
LARGEST MOTOR: ____ HP

(NOTE: MOTORS ABOVE 20HP MAY REQUIRE REDUCED VOLTAGE STARTING AND ARE NEVER RECOMMENDED FOR USE W/ 120/240V, 1Φ, 3W SERVICE)

TOTAL BUILDING SQ FT: ____ SF
INDIVIDUAL UNIT SQUARE FOOTAGE: ____ SF (MULT OCCUPANCY)
INDIVUDUAL UNIT DESIGNATION: (MULT OCCUPANCY)

LOAD SOURCE	1Φ-KVA	3Φ-KVA	OR	1Φ-KW	3Φ-KW
BUILDING LIGHTING					
ELECTRIC WATER HEATING					
HEAT PUMPS					
SUPPLEMENTAL HEAT SYSTEMS					
AIR COND CONDENSING UNITS					
ELEC HEATING (PRIMARY) - AHU's					
COOKING					
REFRIGERATION					
RECEPTACLES (STANDARD)					
RECEPTACLES (COMPUTER)					
TOTAL MOTORS (EXCLUDE HVAC)					
EXTERIOR LIGHTING					
MISCELLANEOUS - CEILING FANS					
OTHER (SPECIFY)					

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REVISIONS

#	DESCRIPTION	DATE

SEAL:
BRIAN A. MISTICH
License No. 30187
02-19-16

MAIN STAY SUITES

700 MAIN STREET
LOT #7 LA HWY 27
HACKBERRY, LA 70645

JOB No: 2265
DATE: FEBRUARY, 2016
DRAWN BY: DD/JTL
CHECKED BY: BAM

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SHEET TITLE:
ELECTRICAL PANEL SCHEDULES, ONE-LINE DIAGRAM & LOAD SUMMARY

DRAWING NUMBER:
E105

FILE NAME: J:\...\Hotels-Motels\2265 - Mainstay Hotel - Hackberry Louisiana\Drawings\Current Drawings\E106 Electrical Panel Schedules.dwg PLOT DATE & TIME: Monday, February 22, 2016 8:18:52 AM

PANEL SCHEDULE

PANEL: P12
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 114 FIRST LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 200A, 3Φ, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AΦ BΦ CΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#12	RECEPTACLES AT THE REGISTRATION DESK	20	1	360		1000	1	20	RECEPTACLES, VESTIBULE AND WORK ROOM	#12	2
3	#12	RECEPTACLES AT THE REGISTRATION DESK	20	1	360		1500	1	20	DEDICATED RECEPTACLE, COMMUNITY ROOM	#12	4
5	#12	RECEPTACLES RECEPTION ROOM, STORE AND CORRIDOR	20	1	720		1080	1	20	RECEPTACLES, RIGHT SIDE OF COMMUNITY ROOM & PORCH	#12	6
7	#12	RECEPTACLES MANAGER'S OFFICE AND STORE	20	1	1080		900	1	20	RECEPTACLES, LEFT SIDE OF COMMUNITY ROOM & PORCH	#12	8
9	#12	RECEPTACLES LINNEN, LAUNDRY AND BREAK ROOM	20	1	720		360	1	20	RECEPTACLES, AT SINK IN PANTRY ROOM	#12	10
11	#12	RECEPTACLES LAUNDRY, MECHANICAL ROOM AND CORRIDOR	20	1	720		360	1	20	RECEPTACLE, DRY COUNTER IN PANTRY ROOM	#12	12
13	#12	DEDICATED RECEPTACLE, WORK ROOM	20	1	720		1500	1	20	DEDICATED RECEPTACLE, PANTRY ROOM	#12	14
15	#12	EXHAUST FAN IN SHOWER	20	1	500		1500	1	20	DEDICATED RECEPTACLE, PANTRY ROOM	#12	16
17	#12	GAS WATER HEATER IGNITER FOR WATER HEATER #1	20	1	500		1500	1	20	DRINKING FOUNTAIN IN CORRIDOR	#12	18
19	#12	GAS WATER HEATER IGNITER FOR WATER HEATER #2	20	1	500		1800	1	20	ELEVATOR CONTROLS POWER	#12	20
21	#12	RECEPTACLES, THIS ROOM, WATER HEATER ROOM AND A/C EQUIP.	20	1	500		1500	1	20	DEDICATED GFI RECEPTACLE IN ELEVATOR EQUIPMENT ROOM	#12	22
23	#12	LIGHTING, THIS ROOM, WATER HEATER ROOM, THIS END OF HALLWAY	20	1	984		1500	1	20	RECEPTACLE IN ELEVATOR PIT	#12	24
25	#12	LIGHTING, LINEN, LAUNDRY ROOM AND BREAK ROOM	20	1	847		2500	2	30	GUEST DRYER	#10	26
27	#12	LIGHTING, ELEVATOR EQUIPMENT ROOM, PIT, AND ELEVATOR LOBBY	20	1	847		2500					28
29	#12	LIGHTING, GUEST LAUNDRY, MECHANICAL ROOM, MANAGER'S SUITE, STORE	20	1	847		2500	2	30	GUEST DRYER	#10	30
31	#12	LIGHTING, REAR PORCH	20	1	736		2500					32
33	#12	LIGHTING, COMMUNITY ROOM, PANTRY, PORCH CHAIRS	20	1	912		1500	1	20	GUEST WASHER	#12	34
35	#12	LIGHTING, COVERED PORCH AND ENTRY	20	1	1814		1500	1	20	GUEST WASHER	#12	36
37	#12	LIGHTING, LOBBY, WORKROOM, VESTIBULE AND RECEPTION AREA	20	1	781		1500	1	20	GUEST WASHER	#12	38
39	#12	SIGN LIGHTING	20	1	1000			1	20	SPARE		40
41		SPARE	20	1				1	20	SPARE		42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 44,468
AΦ = 16,744 | BΦ = 13,699 | CΦ = 14,025

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P14
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 114 FIRST LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 200A, 3Φ, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AΦ BΦ CΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#10	COOK TOP TWO BURNER, SUITE 110	30	1	2400		0	1	20	SPARE	#12	2
3	#10	COOK TOP TWO BURNER, SUITE 112	30	1	2400		0	1	20	SPARE	#12	4
5	#10	COOK TOP TWO BURNER, SUITE 116	30	1	2400		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 111	#12	6
7	#10	COOK TOP TWO BURNER, SUITE 111	30	1	2400		1000	1	20	MICROWAVE OVEN, SUITE 111	#12	8
9	#10	COOK TOP TWO BURNER, SUITE 115	30	1	2400		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 111	#12	10
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 110	20	1	1500		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 111	#12	12
13	#12	MICROWAVE OVEN, SUITE 110	20	1	1000		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 111	#12	14
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 110	20	1	1000		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 115	#12	16
17	#12	RECEPTACLES AND LIGHTING, SUITE 110	20	1	1080		1000	1	20	MICROWAVE OVEN, SUITE 115	#12	18
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 110	20	1	720		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 115	#12	20
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 112	20	1	1500		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 115	#12	22
23	#12	MICROWAVE OVEN, SUITE 112	20	1	1000		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 115	#12	24
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 112	20	1	1000		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 116	#12	26
27	#12	RECEPTACLES AND LIGHTING, SUITE 112	20	1	1080		1000	1	20	MICROWAVE OVEN, SUITE 116	#12	28
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 112	20	1	720		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 116	#12	30
31	#12	SUITE 110 PTAC 208V RECEPTACLE	20	2	1750		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 116	#12	32
33					1750		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 116	#12	34
35	#12	SUITE 112 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 111 PTAC 208V RECEPTACLE	#12	36
37					1750		1750					38
39	#12	SUITE 116 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 115 PTAC 208V RECEPTACLE	#12	40
41					1750		1750					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) =56,000
AΦ = 18,070 | BΦ = 18,930 | CΦ = 19,000

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P16
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 114 FIRST LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 200A, 3Φ, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AΦ BΦ CΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#12	SUITE 138 PTAC 208V RECEPTACLE	20	2	1750		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 133	#12	2
3					1750		1000	1	20	MICROWAVE OVEN, SUITE 133	#12	4
5	#12	SUITE 139 PTAC 208V RECEPTACLE	20	2	1750		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 133	#12	6
7					1750		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 133	#12	8
9	#10	COOK TOP TWO BURNER, SUITE 134	30	1	2400		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 133	#12	10
11	#10	COOK TOP TWO BURNER, SUITE 135	30	1	2400		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 133	#12	12
13							1000	1	20	MICROWAVE OVEN, SUITE 133	#12	14
15							1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 133	#12	16
17							1080	1	20	RECEPTACLES AND LIGHTING, SUITE 133	#12	18
19							720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 133	#12	20
21												22
23												24
25												26
27												28
29												30
31												32
33												34
35												36
37												38
39												40
41												42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 22,400
AΦ = 7,800 | BΦ = 6,870 | CΦ = 7,730

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P13
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 114 FIRST LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 200A, 3Φ, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AΦ BΦ CΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#12	WOMEN'S ROOM AND MEN'S ROOM	20	1	1000		200	1	20	RECEPTACLE, GAMING ROOM	#12	2
3	#12	PORCH CHAIRS, A/C EQUIP.	20	1	1000		200	1	20	RECEPTACLE, GAMING ROOM	#12	4
5	#12	RECEPTACLES, CONFERENCE ROOM 140	20	1	540		200	1	20	RECEPTACLE, GAMING ROOM	#12	6
7	#12	RECEPTACLES, CONFERENCE ROOM 141	20	1	540		1080	1	20	RECEPTACLES, LOUNGE, LOBBY, OUTSIDE	#12	8
9	#12	RECEPTACLES, MUD ROOM AND HALLWAY	20	1	540		1500	1	20	DEDICATED RECEPTACLE, AT BAR IN LOUNGE	#12	10
11	#12	RECEPTACLES, EXERCISE ROOM AND OUTSIDE	20	1	900		1500	1	20	DEDICATED RECEPTACLE, AT BAR IN LOUNGE	#12	12
13	#12	DEDICATED RECEPTACLE, EXERCISE ROOM	20	1	1500		1500	1	20	RECEPTACLES, AT BAR IN LOUNGE	#12	14
15	#12	DEDICATED RECEPTACLE, EXERCISE ROOM	20	1	1500		1500	1	20	DEDICATED RECEPTACLE, AT BAR IN LOUNGE	#12	16
17	#12	DEDICATED RECEPTACLE NEAR STAIRS, OPPOSITE END OF BUILDING	20	1	1500		1500	1	20	DEDICATED RECEPTACLE, AT BAR IN LOUNGE	#12	18
19	#12	DEDICATED RECEPTACLE NEAR STAIRS, OPPOSITE END OF BUILDING	20	1	1500		1500	1	20	DEDICATED RECEPTACLE, AT BAR IN LOUNGE	#12	20
21	#12	LIGHTING, MEN'S ROOM, WOMEN'S ROOM, CENTER OF HALLWAY	20	1	640		1500	1	20	DEDICATED RECEPTACLE, AT BAR IN LOUNGE	#12	22
23	#12	LIGHTING, LOUNGE AND GAMING	20	1	640		591	1	20	LIGHTING, EXERCISE ROOM	#12	24
25	#12	LIGHTING, CONFERENCE ROOM	20	1	990			1	20	SPARE		26
27	#12	LIGHTING, OPPOSITE END OF HALL AND STORAGE ROOM	20	1	896			1	20	SPARE		28
29	#12	LIGHTING, MUD ROOM	20	1	591			1	20	SPARE		30
31		SPARE	20	1				1	20	SPARE		32
33		SPARE	20	1				1	20	SPARE		34
35		SPARE	20	1				1	20	SPARE		36
37		SPARE	20	1				1	20	SPARE		38
39		SPARE	20	1				1	20	SPARE		40
41		SPARE	20	1				1	20	SPARE		42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 27,048
AΦ = 9,810 | BΦ = 9,276 | CΦ = 7,962

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P15
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 114 FIRST LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 200A, 3Φ, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AΦ BΦ CΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#10	COOK TOP TWO BURNER, SUITE 117	30	1	2400		0	1	20	SPARE	#12	2
3	#10	COOK TOP TWO BURNER, SUITE 132	30	1	2400		0	1	20	SPARE	#12	4
5	#10	COOK TOP TWO BURNER, SUITE 133	30	1	2400		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 133	#12	6
7	#10	COOK TOP TWO BURNER, SUITE 134	30	1	2400		1000	1	20	MICROWAVE OVEN, SUITE 133	#12	8
9	#10	COOK TOP TWO BURNER, SUITE 135	30	1	2400		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 133	#12	10
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 117	20	1	1500		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 133	#12	12
13	#12	MICROWAVE OVEN, SUITE 117	20	1	1000		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 133	#12	14
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 117	20	1	1000		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 134	#12	16
17	#12	RECEPTACLES AND LIGHTING, SUITE 117	20	1	1080		1000	1	20	MICROWAVE OVEN, SUITE 134	#12	18
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 117	20	1	720		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 134	#12	20
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 132	20	1	1500		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 134	#12	22
23	#12	MICROWAVE OVEN, SUITE 132	20	1	1000		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 134	#12	24
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 132	20	1	1000		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 135	#12	26
27	#12	RECEPTACLES AND LIGHTING, SUITE 132	20	1	1080		1000	1	20	MICROWAVE OVEN, SUITE 135	#12	28
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 132	20	1	720		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 135	#12	30
31	#12	SUITE 117 PTAC 208V RECEPTACLE	20	2	1750		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 135	#12	32
33					1750		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 135	#12	34
35	#12	SUITE 132 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 133 PTAC 208V RECEPTACLE	#12	36
37					1750		1750					38
39	#12	SUITE 134 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 135 PTAC 208V RECEPTACLE	#12	40
41					1750		1750					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 56,000
AΦ = 18,070 | BΦ = 18,930 | CΦ = 19,000

GROUND BUS
GROUND WIRE (G)

DAMMON
ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

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REVISIONS

#	DESCRIPTION	DATE

SEAL:
BRIAN A. MISTICH
License No. 30187
02-19-16

MAIN STAY SUITES

700 MAIN STREET
LOT #7 LA HWY 27
HACKBERRY, LA 70645

JOB No: 2265
DATE: FEBRUARY, 2016
DRAWN BY: DD/JTL
CHECKED BY: BAM

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SHEET TITLE:
ELECTRICAL PANEL SCHEDULES, FIRST FLOOR

DRAWING NUMBER:
E106

SHEET No: 50 of 52

PANEL SCHEDULE

PANEL: P21
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 209 SECOND LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 400A, 3Ø, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE NQ PANELBOARD

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP	POLE			POLE	AMP	LOCATION		
1	#12	DEDICATED RECEPTACLE NEAR STAIRS, OPPOSITE END OF BUILDING	20	1	1500	720	1	20	RECEPTACLES, MAINT. ROOM AT OPPOSITE END OF BUILDING AND HALLWAY	#12	2
3	#12	DEDICATED RECEPTACLE NEAR STAIRS, OPPOSITE END OF BUILDING	20	1	1500	720	1	20	RECEPTACLES, LAUNDRY ROOM HOUSEKEEPING AND HALLWAY	#12	4
5		SPARE	20	1		180	1	20	RECEPTACLE, THIS ROOM	#12	6
7		SPARE	20	1		743	1	20	LIGHTING, THIS END OF HALL	#12	8
9		SPARE	20	1		315	1	20	LIGHTING, STAIRS AND EQUIPMENT ROOM, THIS END OF BUILDING	#12	10
11		SPARE	20	1		434	1	20	LIGHTING, HOUSEKEEPING, LAUNDRY AND ELEVATOR LOBBY	#12	12
13		SPARE	20	1		512	1	20	LIGHTS, CENTER OF HALL	#12	14
15		SPARE	20	1		644	1	20	LIGHTING, OPPOSITE END OF HALLWAY	#12	16
17		SPARE	20	1		628	1	20	LIGHTING, STAIRS AND MAINTENANCE ROOM OPPOSITE END OF BUILDING	#12	18
19	#4/0	PANEL P22	175	3	19820		1	20	SPARE		20
21					20680		1	20	SPARE		22
23					19000		1	20	SPARE		24
25	#4/0	PANEL P23	175	3	18070		1	20	SPARE		26
27					18930		1	20	SPARE		28
29					19000		1	20	SPARE		30
31	#4/0	PANEL P24	175	3	18070	3333	3	60	2 1/2 TON HVAC UNIT, 2ND LEVEL 10 KW HEAT	#6	32
33					18930	3333					34
35					19000	3333					36
37	#4/0	PANEL P25	175	3	18070	18070	3	175	PANEL P26	#4/0	38
39					18930	18930					40
41					19000	19000					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 301,395
AØ = 98,908 BØ = 102,912 CØ = 99,575

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P23
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 209 SECOND LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 200A, 3Ø, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP	POLE			POLE	AMP	LOCATION		
1	#10	COOK TOP TWO BURNER, SUITE 206	30	1	2400	0	1	20	SPARE	#12	2
3	#10	COOK TOP TWO BURNER, SUITE 207	30	1	2400	0	1	20	SPARE	#12	4
5	#10	COOK TOP TWO BURNER, SUITE 210	30	1	2400	1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 210	#12	6
7	#10	COOK TOP TWO BURNER, SUITE 211	30	1	2400	1000	1	20	MICROWAVE OVEN, SUITE 210	#12	8
9	#10	COOK TOP TWO BURNER, SUITE 212	30	1	2400	1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 210	#12	10
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 206	20	1	1500	1080	1	20	RECEPTACLES AND LIGHTING, SUITE 210	#12	12
13	#12	MICROWAVE OVEN, SUITE 206	20	1	1000	720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 210	#12	14
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 206	20	1	1000	1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 211	#12	16
17	#12	RECEPTACLES AND LIGHTING, SUITE 206	20	1	1080	1000	1	20	MICROWAVE OVEN, SUITE 211	#12	18
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 206	20	1	720	1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 211	#12	20
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 207	20	1	1500	1080	1	20	RECEPTACLES AND LIGHTING, SUITE 211	#12	22
23	#12	MICROWAVE OVEN, SUITE 207	20	1	1000	720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 211	#12	24
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 207	20	1	1000	1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 212	#12	26
27	#12	RECEPTACLES AND LIGHTING, SUITE 207	20	1	1080	1000	1	20	MICROWAVE OVEN, SUITE 212	#12	28
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 207	20	1	720	1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 212	#12	30
31	#12	SUITE 206 PTAC 208V RECEPTACLE	20	2	1750	1080	1	20	RECEPTACLES AND LIGHTING, SUITE 212	#12	32
33					1750	720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 212	#12	34
35	#12	SUITE 207 PTAC 208V RECEPTACLE	20	2	1750	1750	2	20	SUITE 211 PTAC 208V RECEPTACLE	#12	36
37					1750	1750					38
39	#12	SUITE 210 PTAC 208V RECEPTACLE	20	2	1750	1750	2	20	SUITE 212 PTAC 208V RECEPTACLE	#12	40
41					1750	1750					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 56,000
AØ = 18,070 BØ = 18,930 CØ = 19,000

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P25
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 209 SECOND LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 200A, 3Ø, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP	POLE			POLE	AMP	LOCATION		
1	#10	COOK TOP TWO BURNER, SUITE 220	30	1	2400	0	1	20	SPARE	#12	2
3	#10	COOK TOP TWO BURNER, SUITE 221	30	1	2400	0	1	20	SPARE	#12	4
5	#10	COOK TOP TWO BURNER, SUITE 222	30	1	2400	1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 222	#12	6
7	#10	COOK TOP TWO BURNER, SUITE 223	30	1	2400	1000	1	20	MICROWAVE OVEN, SUITE 222	#12	8
9	#10	COOK TOP TWO BURNER, SUITE 227	30	1	2400	1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 222	#12	10
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 220	20	1	1500	1080	1	20	RECEPTACLES AND LIGHTING, SUITE 222	#12	12
13	#12	MICROWAVE OVEN, SUITE 220	20	1	1000	720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 222	#12	14
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 220	20	1	1000	1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 223	#12	16
17	#12	RECEPTACLES AND LIGHTING, SUITE 220	20	1	1080	1000	1	20	MICROWAVE OVEN, SUITE 223	#12	18
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 220	20	1	720	1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 223	#12	20
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 221	20	1	1500	1080	1	20	RECEPTACLES AND LIGHTING, SUITE 223	#12	22
23	#12	MICROWAVE OVEN, SUITE 221	20	1	1000	720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 223	#12	24
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 221	20	1	1000	1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 227	#12	26
27	#12	RECEPTACLES AND LIGHTING, SUITE 221	20	1	1080	1000	1	20	MICROWAVE OVEN, SUITE 227	#12	28
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 221	20	1	720	1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 227	#12	30
31	#12	SUITE 220 PTAC 208V RECEPTACLE	20	2	1750	1080	1	20	RECEPTACLES AND LIGHTING, SUITE 227	#12	32
33					1750	720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 227	#12	34
35	#12	SUITE 221 PTAC 208V RECEPTACLE	20	2	1750	1750	2	20	SUITE 223 PTAC 208V RECEPTACLE	#12	36
37					1750	1750					38
39	#12	SUITE 222 PTAC 208V RECEPTACLE	20	2	1750	1750	2	20	SUITE 227 PTAC 208V RECEPTACLE	#12	40
41					1750	1750					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 56,000
AØ = 18,070 BØ = 18,930 CØ = 19,000

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P22
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 209 SECOND LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 200A, 3Ø, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP	POLE			POLE	AMP	LOCATION		
1	#10	COOK TOP TWO BURNER, SUITE 201	30	1	2400	1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 203	#12	2
3	#10	COOK TOP TWO BURNER, SUITE 202	30	1	2400	1000	1	20	MICROWAVE OVEN, SUITE 203	#12	4
5	#10	COOK TOP TWO BURNER, SUITE 203	30	1	2400	1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 203	#12	6
7	#10	COOK TOP TWO BURNER, SUITE 204	30	1	2400	1080	1	20	RECEPTACLES AND LIGHTING, SUITE 203	#12	8
9	#10	COOK TOP TWO BURNER, SUITE 205	30	1	2400	720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 203	#12	10
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 201	20	1	1500	1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 204	#12	12
13	#12	MICROWAVE OVEN, SUITE 201	20	1	1000	1000	1	20	MICROWAVE OVEN, SUITE 204	#12	14
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 201	20	1	1000	1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 204	#12	16
17	#12	RECEPTACLES AND LIGHTING, SUITE 201	20	1	1080	1080	1	20	RECEPTACLES AND LIGHTING, SUITE 204	#12	18
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 201	20	1	720	720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 204	#12	20
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 202	20	1	1500	1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 205	#12	22
23	#12	MICROWAVE OVEN, SUITE 202	20	1	1000	1000	1	20	MICROWAVE OVEN, SUITE 205	#12	24
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 202	20	1	1000	1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 205	#12	26
27	#12	RECEPTACLES AND LIGHTING, SUITE 202	20	1	1080	1080	1	20	RECEPTACLES AND LIGHTING, SUITE 205	#12	28
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 202	20	1	720	720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 205	#12	30
31	#12	SUITE 201 PTAC 208V RECEPTACLE	20	2	1750	1750	2	20	SUITE 203 PTAC, 208V RECEPTACLE IN BEDROOM	#12	32
33					1750	1750					34
35	#12	SUITE 202 PTAC 208V RECEPTACLE	20	2	1750	1750	2	20	SUITE 204 PTAC 208V RECEPTACLE	#12	36
37					1750	1750					38
39	#12	SUITE 203 PTAC 208V RECEPTACLE IN LIVING ROOM	20	2	1750	1750	2	20	SUITE 205 PTAC 208V RECEPTACLE	#12	40
41					1750	1750					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 59,500
AØ = 19,820 BØ = 20,680 CØ = 19,000

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P24
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 209 SECOND LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 200A, 3Ø, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP	POLE			POLE	AMP	LOCATION		
1	#10	COOK TOP TWO BURNER, SUITE 213	30	1	2400	0	1	20	SPARE	#12	2
3	#10	COOK TOP TWO BURNER, SUITE 216	30	1	2400	0	1	20	SPARE	#12	4
5	#10	COOK TOP TWO BURNER, SUITE 217	30	1	2400	1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 217	#12	6
7	#10	COOK TOP TWO BURNER, SUITE 218	30	1	2400	1000	1	20	MICROWAVE OVEN, SUITE 217	#12	8
9	#10	COOK TOP TWO BURNER, SUITE 219	30	1	2400	1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 217	#12	10
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 213	20	1	1500	1080	1	20	RECEPTACLES AND LIGHTING, SUITE 217	#12	12
13	#12	MICROWAVE OVEN, SUITE 213	20	1	1000	720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 217	#12	14
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 213	20	1	1000	1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 218	#12	16
17	#12	RECEPTACLES AND LIGHTING, SUITE 213	20	1	1080	1000	1	20	MICROWAVE OVEN, SUITE 218	#12	18
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 213	20	1	720	1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 218	#12	20
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 216	20	1	1500	1080	1	20	RECEPTACLES AND LIGHTING, SUITE 218	#12	22
23	#12	MICROWAVE OVEN, SUITE 216	20	1	1000	720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 218	#12	24
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 216	20	1	1000	1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 219	#12	26
27	#12	RECEPTACLES AND LIGHTING, SUITE 216	20	1	1080	1000	1	20	MICROWAVE OVEN, SUITE 219	#12	28
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 216	20	1	720	1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 219	#12	30
31	#12	SUITE 213 PTAC 208V RECEPTACLE	20	2	1750	1080	1	20	RECEPTACLES AND LIGHTING, SUITE 219	#12	32
33					1750	720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 219	#12	34
35	#12	SUITE 216 PTAC 208V RECEPTACLE	20	2	1750	1750	2	20	SUITE 218 PTAC 208V RECEPTACLE	#12	36
37					1750	1750					38
39	#12	SUITE 217 PTAC 208V RECEPTACLE	20	2	1750	1750	2	20	SUITE 219 PTAC, 208V RECEPTACLE	#12	40
41					1750	1750					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 56,000
AØ = 18,070 BØ = 18,930 CØ = 19,000

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P26
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 209 SECOND LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 200A, 3Ø, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP	POLE			POLE	AMP	LOCATION		
1	#10	COOK TOP TWO BURNER, SUITE 228	30	1	2400	0	1	20	SPARE	#12	2
3	#10	COOK TOP TWO BURNER, SUITE 229	30	1	2400	0	1	20	SPARE	#12	4
5	#10	COOK TOP TWO BURNER, SUITE 230	30	1	2400	1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 230	#12	6
7	#10	COOK TOP TWO BURNER, SUITE 231	30	1	2400	1000	1	20	MICROWAVE OVEN, SUITE 230	#12	8
9	#10	COOK TOP TWO BURNER, SUITE 232	30	1	2400	1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 230	#12	10
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 228	20	1	1500	1080	1	20	RECEPTACLES AND LIGHTING, SUITE 230	#12	12
13	#12	MICROWAVE OVEN, SUITE 228	20	1	1000	720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 230	#12	14
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 228	20	1	1000	1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 231	#12	16
17	#12	RECEPTACLES AND LIGHTING, SUITE 228	20	1	1080	1000	1	20	MICROWAVE OVEN, SUITE 231	#12	18
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 228	20	1	720	1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 231	#12	20
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 228	20	1	1500	1080	1	20	RECEPTACLES AND LIGHTING, SUITE 231	#12	22
23	#12	MICROWAVE OVEN, SUITE 229	20	1	1000	720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 231	#12	24
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 229	20	1	1000	1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 232	#12	26
27	#12	RECEPTACLES AND LIGHTING, SUITE 229	20	1	1080	1000	1	20	MICROWAVE OVEN, SUITE 232	#12	28
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 229	20	1	720	1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 232	#12	30
31	#12	SUITE 228 PTAC 208V RECEPTACLE	20	2	1750	1080	1	20	RECEPTACLES AND LIGHTING, SUITE 232	#12	32
33					1750	720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 232	#12	34
35	#12	SUITE 229 PTAC 208V RECEPTACLE	20	2	1750	1750	2	20	SUITE 231 PTAC 208V RECEPTACLE	#12	36
37					1750	1750					38
39	#12	SUITE 230 PTAC 208V RECEPTACLE	20	2	1750	1750	2	20	SUITE 232 PTAC 208V RECEPTACLE	#12	40
41					1750	1750					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 56,000
AØ = 18,070 BØ = 18,930 CØ = 19,000

GROUND BUS
GROUND WIRE (G)

DAMMON
ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

BRIAN A. MISTICH
License No. 30187
02-19-16

MAIN STAY SUITES

700 MAIN STREET
LOT #7 LA HWY 27
HACKBERRY, LA 70645

JOB No: 2265
DATE: FEBRUARY, 2016
DRAWN BY: DD/JTL
CHECKED BY: BAM

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SHEET TITLE:
ELECTRICAL PANEL
SCHEDULES,
SECOND FLOOR

DRAWING NUMBER:
E107

SHEET No: 51 of 52

PANEL SCHEDULE

PANEL: P31
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 209 SECOND LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 400A, 3Φ, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE NQ PANELBOARD

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	AΦ BΦ CΦ	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP	POLE				POLE	AMP	LOCATION		
1	#12	DEDICATED RECEPTACLE NEAR STAIRS, OPPOSITE END OF BUILDING	20	1	1500		720	1	20	RECEPTACLES, MAINT. ROOM AT OPPOSITE END OF BUILDING AND HALLWAY	#12	2
3	#12	DEDICATED RECEPTACLE NEAR STAIRS, OPPOSITE END OF BUILDING	20	1	1500		720	1	20	RECEPTACLES, LAUNDRY ROOM HOUSEKEEPING AND HALLWAY	#12	4
5		SPARE	20	1			180	1	20	RECEPTACLE, THIS ROOM	#12	6
7		SPARE	20	1			315	1	20	LIGHTING, THIS END OF HALL	#12	8
9		SPARE	20	1			315	1	20	LIGHTING, THIS EQUIPMENT ROOM	#12	10
11		SPARE	20	1			434	1	20	LIGHTING, HOUSEKEEPING, LAUNDRY AND ELEVATOR LOBBY	#12	12
13		SPARE	20	1			512	1	20	LIGHTS, CENTER OF HALL	#12	14
15	#12	ATTIC LIGHT AND RECEPTACLE	20	1	1000		644	1	20	LIGHTING, OPPOSITE END OF HALLWAY	#12	16
17		SPARE	20	1			628	1	20	LIGHTING, MAINTENANCE ROOM OPPOSITE END OF BUILDING	#12	18
19	#4/0	PANEL P32	175	3	19820		1000	1	20	ATTIC LIGHT AND RECEPTACLE	#12	20
21					20680		1000	1	20	ATTIC LIGHT AND RECEPTACLE	#12	22
23					19000		1000	1	20	ATTIC LIGHT AND RECEPTACLE	#12	24
25	#4/0	PANEL P33	200	3	18070		1000	1	20	ATTIC LIGHT AND RECEPTACLE	#12	26
27					18930		1000	1	20	ATTIC LIGHT AND RECEPTACLE	#12	28
29					19000			1	20	SPARE		30
31	#4/0	PANEL P34	200	3	18070		3333	3	60	2 1/2 TON HVAC UNIT, 3RD LEVEL 10 KW HEAT	#6	32
33					18930		3333					34
35					19000		3333					36
37	#4/0	PANEL P35	175	3	18070		18070	3	175	PANEL P36	#4/0	38
39					18930		18930					40
41					19000		19000					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 306,967
AΦ =100,480 BΦ = 105,912 CΦ = 100,575

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P33
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 309 THIRD LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 200A, 3Φ, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	AΦ BΦ CΦ	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP	POLE				POLE	AMP	LOCATION		
1	#10	COOK TOP TWO BURNER, SUITE 306	30	1	2400		0	1	20	SPARE	#12	2
3	#10	COOK TOP TWO BURNER, SUITE 307	30	1	2400		0	1	20	SPARE	#12	4
5	#10	COOK TOP TWO BURNER, SUITE 310	30	1	2400		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 310	#12	6
7	#10	COOK TOP TWO BURNER, SUITE 311	30	1	2400		1000	1	20	MICROWAVE OVEN, SUITE 310	#12	8
9	#10	COOK TOP TWO BURNER, SUITE 312	30	1	2400		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 310	#12	10
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 306	20	1	1500		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 310	#12	12
13	#12	MICROWAVE OVEN, SUITE 306	20	1	1000		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 310	#12	14
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 306	20	1	1000		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 311	#12	16
17	#12	RECEPTACLES AND LIGHTING, SUITE 306	20	1	1080		1000	1	20	MICROWAVE OVEN, SUITE 311	#12	18
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 306	20	1	720		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 311	#12	20
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 307	20	1	1500		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 311	#12	22
23	#12	MICROWAVE OVEN, SUITE 307	20	1	1000		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 311	#12	24
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 307	20	1	1000		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 312	#12	26
27	#12	RECEPTACLES AND LIGHTING, SUITE 307	20	1	1080		1000	1	20	MICROWAVE OVEN, SUITE 312	#12	28
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 307	20	1	720		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 312	#12	30
31	#12	SUITE 306 PTAC 208V RECEPTACLE	20	2	1750		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 312	#12	32
33					1750		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 312	#12	34
35	#12	SUITE 307 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 311 PTAC 208V RECEPTACLE	#12	36
37					1750		1750					38
39	#12	SUITE 310 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 312 PTAC 208V RECEPTACLE	#12	40
41					1750		1750					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 56,000
AΦ = 18,070 BΦ = 18,930 CΦ = 19,000

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P35
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 309 THIRD LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 200A, 3Φ, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	AΦ BΦ CΦ	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP	POLE				POLE	AMP	LOCATION		
1	#10	COOK TOP TWO BURNER, SUITE 320	30	1	2400		0	1	20	SPARE	#12	2
3	#10	COOK TOP TWO BURNER, SUITE 321	30	1	2400		0	1	20	SPARE	#12	4
5	#10	COOK TOP TWO BURNER, SUITE 322	30	1	2400		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 322	#12	6
7	#10	COOK TOP TWO BURNER, SUITE 323	30	1	2400		1000	1	20	MICROWAVE OVEN, SUITE 322	#12	8
9	#10	COOK TOP TWO BURNER, SUITE 327	30	1	2400		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 322	#12	10
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 320	20	1	1500		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 322	#12	12
13	#12	MICROWAVE OVEN, SUITE 320	20	1	1000		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 322	#12	14
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 320	20	1	1000		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 323	#12	16
17	#12	RECEPTACLES AND LIGHTING, SUITE 320	20	1	1080		1000	1	20	MICROWAVE OVEN, SUITE 323	#12	18
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 320	20	1	720		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 323	#12	20
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 321	20	1	1500		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 323	#12	22
23	#12	MICROWAVE OVEN, SUITE 321	20	1	1000		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 323	#12	24
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 321	20	1	1000		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 327	#12	26
27	#12	RECEPTACLES AND LIGHTING, SUITE 321	20	1	1080		1000	1	20	MICROWAVE OVEN, SUITE 327	#12	28
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 321	20	1	720		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 327	#12	30
31	#12	SUITE 320 PTAC 208V RECEPTACLE	20	2	1750		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 327	#12	32
33					1750		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 327	#12	34
35	#12	SUITE 321 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 323 PTAC 208V RECEPTACLE	#12	36
37					1750		1750					38
39	#12	SUITE 322 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 327 PTAC 208V RECEPTACLE	#12	40
41					1750		1750					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 56,000
AΦ = 18,070 BΦ = 18,930 CΦ = 19,000

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P32
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 309 THIRD LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 200A, 3Φ, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	AΦ BΦ CΦ	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP	POLE				POLE	AMP	LOCATION		
1	#10	COOK TOP TWO BURNER, SUITE 301	30	1	2400		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 303	#12	2
3	#10	COOK TOP TWO BURNER, SUITE 302	30	1	2400		1000	1	20	MICROWAVE OVEN, SUITE 303	#12	4
5	#10	COOK TOP TWO BURNER, SUITE 303	30	1	2400		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 303	#12	6
7	#10	COOK TOP TWO BURNER, SUITE 304	30	1	2400		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 303	#12	8
9	#10	COOK TOP TWO BURNER, SUITE 305	30	1	2400		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 303	#12	10
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 301	20	1	1500		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 304	#12	12
13	#12	MICROWAVE OVEN, SUITE 301	20	1	1000		1000	1	20	MICROWAVE OVEN, SUITE 304	#12	14
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 301	20	1	1000		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 304	#12	16
17	#12	RECEPTACLES AND LIGHTING, SUITE 301	20	1	1080		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 304	#12	18
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 301	20	1	720		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 304	#12	20
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 302	20	1	1500		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 305	#12	22
23	#12	MICROWAVE OVEN, SUITE 302	20	1	1000		1000	1	20	MICROWAVE OVEN, SUITE 305	#12	24
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 302	20	1	1000		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 305	#12	26
27	#12	RECEPTACLES AND LIGHTING, SUITE 302	20	1	1080		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 305	#12	28
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 302	20	1	720		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 305	#12	30
31	#12	SUITE 301 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 303 PTAC, 208V RECEPTACLE IN BEDROOM	#12	32
33					1750		1750					34
35	#12	SUITE 302 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 304 PTAC 208V RECEPTACLE	#12	36
37					1750		1750					38
39	#12	SUITE 303 PTAC 208V RECEPTACLE IN LIVING ROOM	20	2	1750		1750	2	20	SUITE 305 PTAC 208V RECEPTACLE	#12	40
41					1750		1750					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 59,500
AΦ = 19,820 BΦ = 20,680 CΦ = 19,000

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P34
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 309 THIRD LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 200A, 3Φ, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	AΦ BΦ CΦ	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP	POLE				POLE	AMP	LOCATION		
1	#10	COOK TOP TWO BURNER, SUITE 313	30	1	2400		0	1	20	SPARE	#12	2
3	#10	COOK TOP TWO BURNER, SUITE 316	30	1	2400		0	1	20	SPARE	#12	4
5	#10	COOK TOP TWO BURNER, SUITE 317	30	1	2400		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 317	#12	6
7	#10	COOK TOP TWO BURNER, SUITE 318	30	1	2400		1000	1	20	MICROWAVE OVEN, SUITE 317	#12	8
9	#10	COOK TOP TWO BURNER, SUITE 319	30	1	2400		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 317	#12	10
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 313	20	1	1500		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 317	#12	12
13	#12	MICROWAVE OVEN, SUITE 313	20	1	1000		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 317	#12	14
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 313	20	1	1000		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 318	#12	16
17	#12	RECEPTACLES AND LIGHTING, SUITE 313	20	1	1080		1000	1	20	MICROWAVE OVEN, SUITE 318	#12	18
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 313	20	1	720		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 318	#12	20
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 316	20	1	1500		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 318	#12	22
23	#12	MICROWAVE OVEN, SUITE 316	20	1	1000		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 318	#12	24
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 316	20	1	1000		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 319	#12	26
27	#12	RECEPTACLES AND LIGHTING, SUITE 316	20	1	1080		1000	1	20	MICROWAVE OVEN, SUITE 319	#12	28
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 316	20	1	720		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 319	#12	30
31	#12	SUITE 313 PTAC 208V RECEPTACLE	20	2	1750		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 319	#12	32
33					1750		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 319	#12	34
35	#12	SUITE 316 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 318 PTAC 208V RECEPTACLE	#12	36
37					1750		1750					38
39	#12	SUITE 317 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 319 PTAC, 208V RECEPTACLE	#12	40
41					1750		1750					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 56,000
AΦ = 18,070 BΦ = 18,930 CΦ = 19,000

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P36
LOCATION: MECHANICAL, ELECTRICAL, & PLUMBING ROOM 309 THIRD LEVEL
FEEDER SOURCE: MDP PANEL
VOLTAGE: 208/120V, 200A, 3Φ, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	AΦ BΦ CΦ	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP	POLE				POLE	AMP	LOCATION		
1	#10	COOK TOP TWO BURNER, SUITE 328	30	1	2400		0	1	20	SPARE	#12	2
3	#10	COOK TOP TWO BURNER, SUITE 329	30	1	2400		0	1	20	SPARE	#12	4
5	#10	COOK TOP TWO BURNER, SUITE 330	30	1	2400		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 330	#12	6
7	#10	COOK TOP TWO BURNER, SUITE 331	30	1	2400		1000	1	20	MICROWAVE OVEN, SUITE 330	#12	8
9	#10	COOK TOP TWO BURNER, SUITE 332	30	1	2400		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 330	#12	10
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 328	20	1	1500		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 330	#12	12
13	#12	MICROWAVE OVEN, SUITE 328	20	1	1000		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 330	#12	14
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 328	20	1	1000		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 331	#12	16
17	#12	RECEPTACLES AND LIGHTING, SUITE 328	20	1	1080		1000	1	20	MICROWAVE OVEN, SUITE 331	#12	18
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 328	20	1	720		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 331	#12	20
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 328	20	1	1500		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 331	#12	22
23	#12	MICROWAVE OVEN, SUITE 329	20	1	1000		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 331	#12	24
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 329	20	1	1000		1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 332	#12	26
27	#12	RECEPTACLES AND LIGHTING, SUITE 329	20	1	1080		1000	1	20	MICROWAVE OVEN, SUITE 332	#12	28
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 329	20	1	720		1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 332	#12	30
31	#12	SUITE 328 PTAC 208V RECEPTACLE	20	2	1750		1080	1	20	RECEPTACLES AND LIGHTING, SUITE 332	#12	32
33					1750		720	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 332	#12	34
35	#12	SUITE 329 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 331 PTAC 208V RECEPTACLE	#12	36
37					1750		1750					38
39	#12	SUITE 330 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 332 PTAC 208V RECEPTACLE	#12	40
41					1750		1750					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 56,000
AΦ = 18,070 BΦ = 18,930 CΦ = 19,000

GROUND BUS
GROUND WIRE (G)

DAMMON
ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

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Slidell, LA 70458

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REVISIONS

#	DESCRIPTION	DATE

SEAL:
BRIAN A. MISTICH
License No. 30187
02-19-16
BAM

MAIN STAY
SUITES

700 MAIN STREET
LOT #7 LA HWY 27
HACKBERRY, LA 70645

JOB No: 2265 DATE: FEBRUARY, 2016
DRAWN BY: DD/JTL CHECKED BY: BAM

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SHEET TITLE:
ELECTRICAL PANEL SCHEDULES, THIRD FLOOR

DRAWING NUMBER:
E108

SHEET No: 52 of 52