PANEL SCHEDULE

PANEL: #21
LOCATION: MECHANICAL ELECTRICAL & PLUMBING ROOM 204 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 LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AØ BØ CØ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1												2
3												4
5												6
7												8
9												10
11												12
13												14
15	#12	SUITE 201 PTAC 208V RECEPTACLE	20	2	1750							16
17					1750							18
19	#12	SUITE 202 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 210 PTAC 208V RECEPTACLE	#12	20
21					1750		1750					22
23	#12	SUITE 203 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 211 PTAC 208V RECEPTACLE	#12	24
25					1750		1750					26
27	#12	SUITE 204 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 212 PTAC 208V RECEPTACLE	#12	28
29					1750		1750					30
31	#12	SUITE 205 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 213 PTAC 208V RECEPTACLE	#12	32
33					1750		1750					34
35	#12	SUITE 206 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 214 PTAC 208V RECEPTACLE	#12	36
37					1750		1750					38
39	#12	SUITE 207 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 217 PTAC 208V RECEPTACLE	#12	40
41					1750		1750					42

SOLID NEUTRAL
NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (VA) = 43,843

AØ = 14,656 | BØ = 14,671 | CØ = 14,566

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: #22
LOCATION: MECHANICAL ELECTRICAL & PLUMBING ROOM 204 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 LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AØ BØ CØ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#12	DEDICATED RECEPTACLE NEAR STAIRS, OPPOSITE END OF BUILDING	20	1	1500		720	1	20	RECEPTACLES, EQUIPMENT 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												6
7												8
9												10
11												12
13							3333	3	60	2 1/2 TON HVAC UNIT, 2ND LEVEL 10 KW HEAT	kb	14
15							3333					16
17							3333					18
19	#12	SUITE 227 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 215 PTAC 208V RECEPTACLE	#12	20
21					1750		1750					22
23	#12	SUITE 228 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 216 PTAC 208V RECEPTACLE	#12	24
25					1750		1750					26
27	#12	SUITE 229 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 217 PTAC 208V RECEPTACLE	#12	28
29					1750		1750					30
31	#12	SUITE 230 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 221 PTAC 208V RECEPTACLE	#12	32
33					1750		1750					34
35	#12	SUITE 231 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 222 PTAC 208V RECEPTACLE	#12	36
37					1750		1750					38
39	#12	SUITE 232 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 223 PTAC 208V RECEPTACLE	#12	40
41					1750		1750					42

SOLID NEUTRAL
NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (VA) = 43,843

AØ = 14,656 | BØ = 14,671 | CØ = 14,566

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: #31
LOCATION: MECHANICAL ELECTRICAL & PLUMBING ROOM 204 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 LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AØ BØ CØ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1												2
3												4
5												6
7												8
9												10
11												12
13												14
15	#12	SUITE 301 PTAC 208V RECEPTACLE	20	2	1750							16
17					1750							18
19	#12	SUITE 302 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 310 PTAC 208V RECEPTACLE	#12	20
21					1750		1750					22
23	#12	SUITE 303 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 311 PTAC 208V RECEPTACLE	#12	24
25					1750		1750					26
27	#12	SUITE 304 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 312 PTAC 208V RECEPTACLE	#12	28
29					1750		1750					30
31	#12	SUITE 305 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 313 PTAC 208V RECEPTACLE	#12	32
33					1750		1750					34
35	#12	SUITE 306 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 314 PTAC 208V RECEPTACLE	#12	36
37					1750		1750					38
39	#12	SUITE 307 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 317 PTAC 208V RECEPTACLE	#12	40
41					1750		1750					42

SOLID NEUTRAL
NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (VA) = 43,843

AØ = 14,656 | BØ = 14,671 | CØ = 14,566

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: #32
LOCATION: MECHANICAL ELECTRICAL & PLUMBING ROOM 204 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

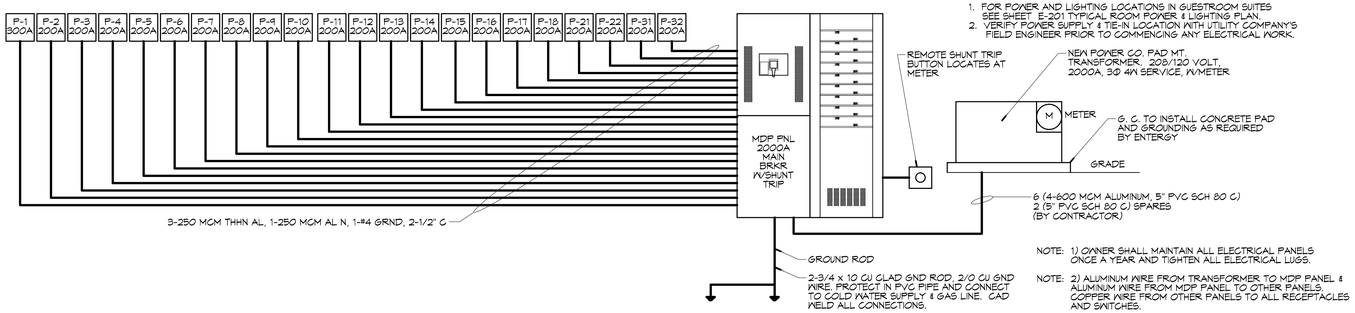
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AØ BØ CØ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#12	DEDICATED RECEPTACLE NEAR STAIRS, OPPOSITE END OF BUILDING	20	1	1500		720	1	20	RECEPTACLES, EQUIPMENT ROOM AT OPPOSITE END 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												6
7												8
9												10
11												12
13							3333	3	60	2 1/2 TON HVAC UNIT, 2ND LEVEL 10 KW HEAT	kb	14
15							3333					16
17							3333					18
19	#12	SUITE 327 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 315 PTAC 208V RECEPTACLE	#12	20
21					1750		1750					22
23	#12	SUITE 328 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 316 PTAC 208V RECEPTACLE	#12	24
25					1750		1750					26
27	#12	SUITE 329 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 320 PTAC 208V RECEPTACLE	#12	28
29					1750		1750					30
31	#12	SUITE 330 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 321 PTAC 208V RECEPTACLE	#12	32
33					1750		1750					34
35	#12	SUITE 331 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 322 PTAC 208V RECEPTACLE	#12	36
37					1750		1750					38
39	#12	SUITE 332 PTAC 208V RECEPTACLE	20	2	1750		1750	2	20	SUITE 323 PTAC 208V RECEPTACLE	#12	40
41					1750		1750					42

SOLID NEUTRAL
NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (VA) = 43,843

AØ = 14,656 | BØ = 14,671 | CØ = 14,566

GROUND BUS
GROUND WIRE (G)



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 1Ø PHASE # WIRES

SERV ENTR SIZE: ____ 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, 1Ø, 3W SERVICE)

TOTAL BUILDING SQ FT: ____ SF

INDIVIDUAL UNIT SQUARE FOOTAGE: ____ SF (MULT OCCUPANCY)

INDIVUDUAL UNIT DESIGNATION: ____ (MULT OCCUPANCY)

LOAD SOURCE	1Ø-KVA	3Ø-KVA	R O	1Ø-KW	3Ø-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)					

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
Info@dammonengineering.com
PH: 985.649.5832 F: 985.641.5950
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458

#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

PRELIMINARY NOT FOR CONSTRUCTION

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

JOB No: 2265 | DATE: JANUARY, 2016
DRAWN BY: DD/JTL | CHECKED BY: CKD

SHEET TITLE:
ELECTRIC PANEL SCHEDULES, LOAD SUMMARY, ONE-LINE DIAGRAMS

DRAWING NUMBER:
E603

SHEET No: 35 of -