ELECTRICAL GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION. REFER TO A/V DRAWINGS FOR REQUIRED RACEWAYS, EXACT SIZE, AND LOCATION OF EQUIPMENT WHICH IS FURNISHED BY OTHERS AND CONNECTED BY ELECTRICAL.
2. RECEPTACLES, SWITCHES AND COVERPLATES COLOR SHALL BE SELECTED BY THE ARCHITECT FROM STANDARD COLORS.
3. LOCATION OF LIGHTING FIXTURES, DISCONNECT SWITCHES, ETC. FOR AUDIO-VISUAL EQUIPMENT/ROOM SHALL BE COORDINATED WITH FINAL 'AV' EQUIPMENT LOCATIONS TO PROVIDE NATIONAL ELECTRIC CODE REQUIRED ACCESS SPACE.
4. FINAL CONNECTION TO ALL MOTORS SHALL BE WITH FLEXIBLE CONDUIT CONNECTION.
5. ALL EXIT AND EMERGENCY FIXTURES SHALL BE CONNECTED TO LIGHT CIRCUIT AHEAD OF LOCAL SWITCH.
6. ALL PANELBOARDS, BACKBOARDS, TERMINAL CABINETS, ETC., SHALL HAVE CUSTOM ENGRAVED MICARTA NAMEPLATE MECHANICALLY AFFIXED IDENTIFYING SYSTEM.
7. GENERAL CONTRACTOR SHALL FIELD-VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY WORK, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. FAILURE TO DO SO INDICATES THAT THE CONTRACTOR ACCEPTS THE CONDITIONS AS THEY EXIST, AND SHALL PERFORM THE WORK REQUIRED AS SHOWN AND SPECIFIED.
8. THE ELECTRICAL CONTRACTOR SHALL OBTAIN AND REVIEW THE AUDIO-VISUAL AND SPECIAL EQUIPMENT SUBMITTALS PRIOR TO SUBMITTING THE ELECTRICAL SUBMITTALS. ANY ELECTRICAL EQUIPMENT, CONDUIT, AND WIRE SIZE CHANGES RESULTING FROM THIS REVIEW SHALL ALSO BE SUBMITTED FOR APPROVAL.
9. FURNISH ALL EQUIPMENT AND LABOR, PERFORM ALL LABOR WITH SUPERVISION, BEAR ALL EXPENSES, AS NECESSARY FOR THE SATISFACTORY COMPLETION OF ALL WORK READY FOR OPERATION.
10. COMPLY WITH ALL LOCAL CODE, LAWS, AND ORDINANCES APPLICABLE TO ELECTRICAL WORK, THE STATE BUILDING CODE, 2020 NATIONAL ELECTRIC CODE, AND 2023 FBC 8TH EDITION. OBTAIN ALL PERMITS REQUIRED BY LOCAL ORDINANCES.
11. OBTAIN ARCHITECT'S/ENGINEER'S APPROVAL OF ALL LIGHT FIXTURES, SWITCHES, RECEPTACLES, PANELBOARDS, ETC., PRIOR TO PURCHASING.
12. TERMINATIONS FOR ALL EQUIPMENT SHOWN TO HAVE TEMPERATURE RATING OF 75deg C PER NEC 2020 ART. 110.14 & TABLE 310.15(B)16).
13. WHERE USED, PROVIDE MEANS TO SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE CIRCUIT BREAKERS SERVING MULTI-WIRE BRANCH CIRCUITS IN ACCORDANCE WITH NEC 210.4(B).

FIRESTOPPING NOTES

USE ONLY FIRESTOP PRODUCTS THAT HAVE BEEN UL 1479, ASTM E-814, OR UL 2079 TESTED FOR SPECIFIC FIRE RATED CONSTRUCTION CONDITIONS. THE CONDITIONS AND MATERIALS ARE SPECIFIED AS FOLLOWS:

1. FOR PENETRATIONS BY NON COMBUSTIBLE ITEMS USE 3M FIRE STOP SEALANT 2000 OR 3M FIRE BARRIER MOLDABLE PUDDY PADS MPP+.
2. FOR FIRE RATED CONSTRUCTION JOINTS AND OTHER GAPS USE 3M FIRESTOP SEALANT 2000.
3. FOR PENETRATIONS BY COMBUSTIBLE ITEMS USE 3M FIRE BARRIER CP25 WB OR 3M FIRE BARRIER FS 195 WRAP/STRIP.
4. FOR PENETRATIONS BY COMBUSTIBLE PLASTIC PIPE (OPEN PIPING SYSTEMS) USE 3M FIRE BARRIER PPO PLASTIC PIPE DEVICE.
5. FOR LARGE SIZE/COMPLEX PENETRATIONS USE 3M FIRESTOP FOAM 2001 OR 3M FIRE BARRIER CS 195 COMPOSITE SHEET.
6. FOR OPENINGS BETWEEN STRUCTURALLY SEPARATE SECTIONS OF WALL AND FLOORS USE 3M FIRE BARRIER CP 25 WB.

ELECTRICAL LEGEND

CEILING OUTLETS

- 'A' — SURFACE MOUNTED OR RECESSED 2' X 4' LED FIXTURE MARK "A" CIRCUIT TYPICAL
- 'A' NL — SURFACE MOUNTED OR RECESSED 2' X 4' LED FIXTURE INSTALLED FOR CONTINUOUS OPERATION
- 'AE' — INDICATES FIXTURE WITH EMERGENCY UNIT BATTERY PACK
- 'A' — SURFACE MOUNTED, RECESSED OR SUSPENDED LED FIXTURE MARK "A" AS NOTED
- 'LS' — SURFACE MOUNTED OR SUSPENDED LED STRIP FIXTURE MARK "LS" AS NOTED
- EXIT LIGHT
- JUNCTION BOX
- RECESSED/SURFACE MOUNT LIGHT
- NL — RECESSED/SURFACE MOUNT LIGHT INSTALLED FOR CONTINUOUS OPERATION
- EF — EXHAUST FAN

PANELS AND POWER

- NEW 120/208 VOLT PANELBOARD
- EXISTING 120/208 VOLT PANELBOARD
- NON-FUSIBLE DISCONNECT SWITCH; XX/YY/ZZ WHERE X INDICATES AMPERAGE, Y INDICATES # OF POLES, AND Z INDICATES NEMA RATING

WALL SWITCHES (UNLESS OTHERWISE NOTED, MOUNT 48" A.F.F.)

- S — A.C. TYPE, SINGLE POLE, 20 AMP, 120/277 VOLT, MOUNT 48" AFF TO C/L
- S_3 — A.C. TYPE, 3-WAY, 20 AMP, 120/277 VOLT; MOUNT 48" AFF TO C/L
- S_4 — A.C. TYPE, 4-WAY, 20 AMP, 120/277 VOLT; MOUNT 48" AFF TO C/L
- S_M — MOTOR-RATED TOGGLE SWITCH; FIELD-VERIFY EXACT HT & LOCATION WITH EQUIPMENT INSTALLER
- S_R — WALL MOUNTED OCCUPANCY SENSOR (PASSIVE INFRARED) EQUAL TO WATTSTOPPER PW-301; SET DELAY OFF TIME FOR 10 MINUTES (120/277V); MOUNT 48" AFF TO C/L

BRANCH CIRCUITING

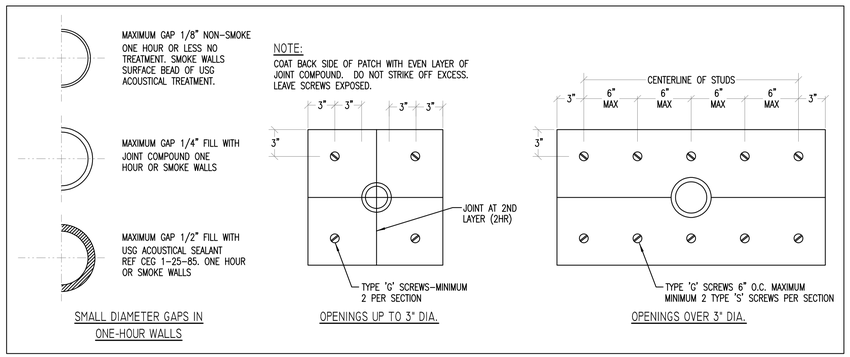
- RUN CONCEALED UNDER FLOOR OR IN GRADE
- RUN CONCEALED IN CEILING OR WALLS
- LA-1 — HOMERUN TO PANEL. ANY CIRCUIT WITHOUT FURTHER IDENTIFICATION INDICATES 2#12, 1#12 GROUND-3/4"C; 3 #12, 1 #12 GROUND - 3/4" C; 4#12, 1#12 GROUND - 3/4" C, ETC. AS PER NEC. LETTERS AND NUMERALS INDICATE PANEL AND CIRCUIT NUMERALS INDICATE PANEL AND CIRCUIT NUMBER.
- LIQUID-TIGHT FLEXIBLE CONDUIT CONNECTION
- SURFACE MOUNTED CONDUIT; RUN PARALLEL OR PERPINDICULAR TO BUILDING LINES

WALL OUTLETS

- DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
- T — DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE: 'TAMPER RESISTANT'
- G — DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
- H — DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE. 'H' DENOTES DEVICE TO BE MOUNTED HORIZONTALLY
- WP — DUPLEX WEATHERTIGHT/WEATHER-RESISTANT (WR) RECEPTACLE - 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE; PROVIDE WEATHERPROOF BOX FOR RECEPTACLE. DEVICE MUST COMPLY WITH NEC 406.9
- DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT FLUSH IN CEILING
- DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT ADJACENT TO TELEVISION OUTLET AT SAME HEIGHT.
- DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER
- G — DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER
- G,H — DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER. HORIZONTALLY
- DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 26" AFF TO C/L FOR DRINKING FOUNTAIN; HOMERUN TO BE TERMINATED ON GFCI BREAKER PER NEC 210.8
- QUADRAPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
- H — QUADRAPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE 'H' DENOTES DEVICE TO BE MOUNTED HORIZONTALLY
- 208V SPECIAL NEMA RECEPTACLE - MOUNT 18" AFF UNLESS NOTED OTHERWISE; VERIFY TYPE REQUIRED WITH EQUIPMENT FURNISHED
- JUNCTION BOX WITH BLANK SCREW COVER AND FLEXIBLE CONDUIT CONNECTION
- SURFACE-MOUNTED JUNCTION BOX WITH BLANK SCREW COVER (UNLESS DEVICE SHOWN TO BE INSTALLED); SIZE OF BOX TO BE DETERMINED BY DEVICE BEING INSTALLED
- WALL MOUNTED EXIT LIGHT
- WALL MOUNTED LED FIXTURE
- WALL MOUNTED EMERGENCY UNIT BATTERY PACK
- WALL MOUNTED EXIT LIGHT/BATTERY PACK COMBO FIXTURE
- SIDEWALL PHOTOCELL EQUAL TO TORK #2101 (120V)

MISCELLANEOUS

- A.F.F. — ABOVE FINISH FLOOR
- A.F.G. — ABOVE FINISH GRADE
- HUP — NEW UNDERGROUND PRIMARY
- HUS — NEW UNDERGROUND SECONDARY



1 E001 **FIRE WALL PENETRATIONS** —APPLIES TO ALL CORRIDOR, SMOKE AND FIRE RATED WALLS

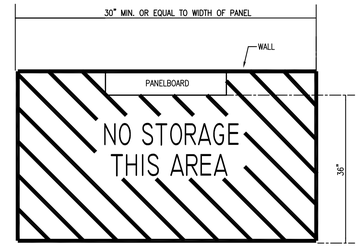
SCALE: N.T.S.

EQUALS TO BE SUBMITTED TO ARCHITECT/ENGINEER 10 DAYS PRIOR TO SUBMITTING BID FOR APPROVAL. FIXTURES 'GN', 'SC', AND 'SCE' SHALL BE ORDER AS SPECIFIED BELOW PER ARCHITECT.

LIGHTING FIXTURE SCHEDULE

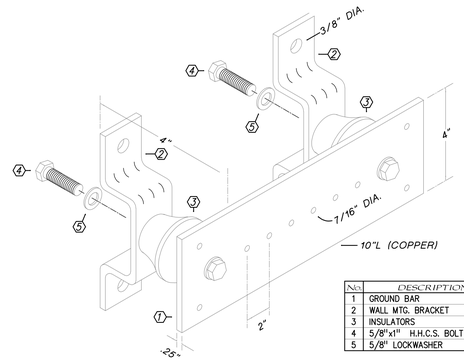
MARK	MANUFACTURER AND CATALOG No.	LAMPS No.	LAMPS TYPE	MOUNTING	REMARKS
BP	CHLORIDE #CLU2NW	2	1.5' W LED	WALL @ 7'-6" AFF	120V
BPX BPXA	CHLORIDE #CLCNRW	--	LED	WALL ABOVE DOOR	BATTERY PACK/EXIT SIGN COMBO, SELF DIAGNOSTICS, 120V, USE PUNCH-OUTS TO SHOW DIRECTIONAL ARROWS AS DENOTED ON DRAWING(S)
DLO	H.E. WILLIAMS #6DR-TL-L20-840-DIM-UNV-OW-OF-CS-WET/CC	37W	4000K LED	CEILING RECESSED	6" RECESSED DOWNLIGHT, STD 0-10V DIMMING, UNV VOLT
DLOE	H.E. WILLIAMS #6DR-TL-L20-840-EM/10W-DIM-UNV-OW-OF-CS-WET/CC	37W	4000K LED	CEILING RECESSED	6" RECESSED DOWNLIGHT, STD 0-10V DIMMING, UNV VOLT W/ EMERG DRIVER
LSS	H.E. WILLIAMS 7SR-4-L50/840-VBY(HANGERS)-DRV-UNV	33W	4000K LED	SUSPENDED	4' HIGH OUTPUT LED STRIP, 3500K, UNV, EC TO FURNISH CHAIN, FLD-CUT FOR DESIRED HEIGHT
GN	BOCK LIGHTING #SN612-G1-LAH02-GN30C-G1	43W	4000K LED	WALL MOUNT	DECORATIVE 20" STYLE C GOOSE NECK WITH 12" STEP NECK ANGLE, 4000K, WHITE FINISH, WET LOC LISTED, 120V
SC	ASL LIGHTING #BCI-30-28-DVD-BBX	28W	4000K LED	WALL MOUNT	30"H X 6" DECORATIVE WALL MOUNTED SCONCE, 4000K, WHITE FINISH, WET LOC LISTED, 120V
SCE	ASL LIGHTING #BCI-30-28-DVD-BBX-EMG	28W	4000K LED	WALL MOUNT	30"H X 6" DECORATIVE WALL MOUNTED SCONCE, 4000K, WHITE FINISH, WET LOC LISTED, 120V, W/ EMERG DRIVER
WB	H.E. WILLIAMS #VWPH-L30-740-T3-SDGL-DIM-UNV	36W	4000K LED	WALL MOUNT	EXTERIOR WALLPACK, FINISH BY ARCH, 120V
WBE	H.E. WILLIAMS #VWPH-L30-740-T3-SDGL-EM/10WC-DIM-UNV	36W	4000K LED	WALL MOUNT	EXTERIOR WALLPACK, FINISH BY ARCH. EMERGENCY DRIVER, 120V
X	CHLORIDE #CLXNRW	--	LED	WALL ABOVE DOOR	THERMOPLASTIC LED EXIT SIGN, SELF DIAGNOSTICS, 120V

FIXTURE FINISH SELECTIONS TO BE VERIFIED WITH ARCHITECT PRIOR TO ORDERING



2 E001 **TYPICAL CLEARANCE AT ELECTRICAL PANELS**

SCALE: N.T.S.



3 E001 **'CBB' INSULATED GROUNDING BUSBAR DETAIL**

SCALE: N.T.S.

GROUND BAR NOTES:

1. INSTALL ONE BAR AT EACH COMMUNICATIONS BACKBOARD.
2. ROUTE 1#1/0 BARE CU IN 1"C. TO ELECTRICAL SERVICE GND FROM BAR ON MAIN COMM. BACKBOARD.
3. CONNECT BARS WITH 1#6 BARE CU IN 1"C.

ANTHONY L. DAVIS LICENSE No. 57419 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Anthony L Davis
DN: E=aldavis@watford-engineering.com, CN=Anthony L Davis, O="Watford Engineering, INC.", SERIALNUMBER=AATL20260413443147, L=Marianna, S=Florida, C=US
Reason: I am the author of this document
Date: 2026.07.02 09:36:33-05'00'

WATFORD ENGINEERING
4452 Clinton Street Marianna, Florida 32446
2449 Moores Mill Rd, Suite 100 Auburn, AL 36830

Florida CA Number: 27825
Anthony L Davis, PE
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850.526.3447 | 334.209.0212
Project Number: 2026-023

RELIANT SOUTH Construction Group

Design - Build Contractor

230 West 5th Street
Panama City, FL 32401
(850) 215-5540

SPEC 2 AT WEST BAY TOWN CENTER

8411 WEST BAY PKWY
PANAMA CITY BEACH, FL 32413

REVISION

#	DESCRIPTION	DATE

Designed By: A. DAVIS

Drawn BY: E.USI

ELECTRICAL LEGEND, GENERAL NOTES, AND DETAILS

E001

07/02/2026

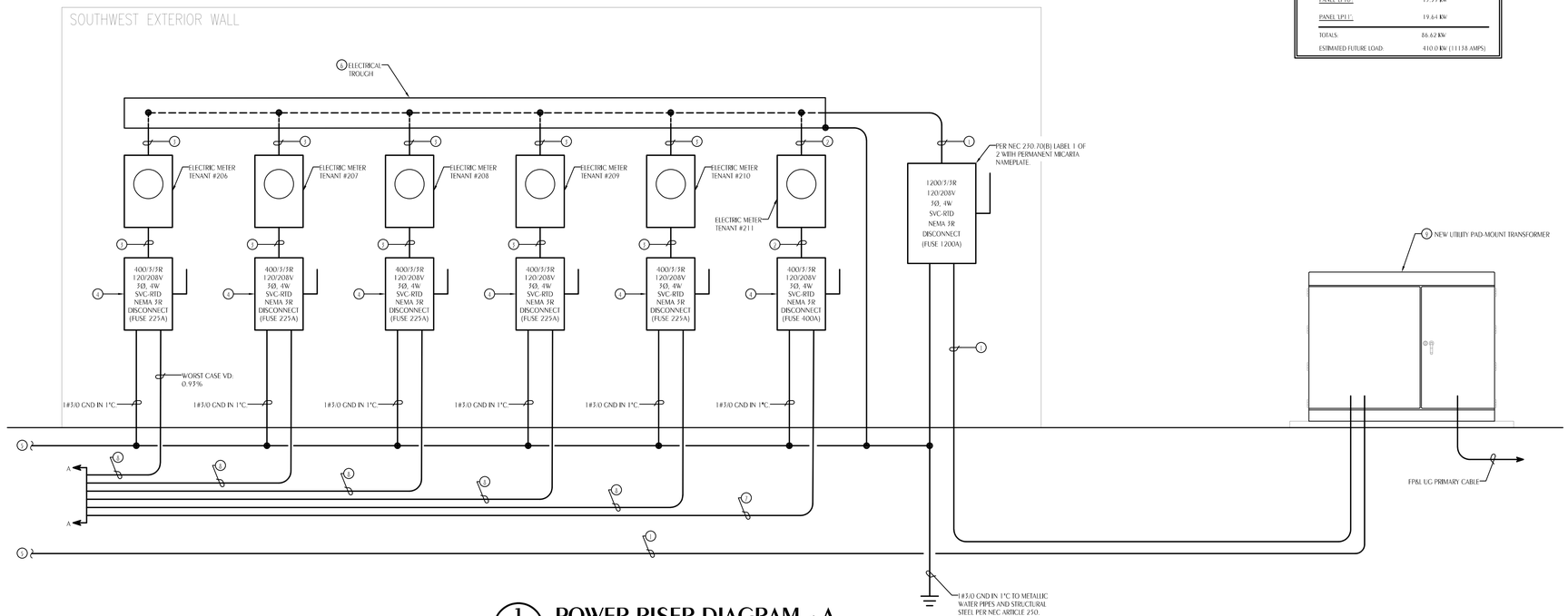
'POWER RISER DIAGRAM' GENERAL NOTE(S):

- ELECTRICAL CONTRACTOR TO INSTALL METER BASE AND BREAKER SO THAT CENTER OF METER IS NO LESS THAN 4.5'-5.5' A.F.G. AND BREAKER HANDLE IS NO GREATER THAN 79" A.F.F. TO COMPLY WITH UTILITY GUIDELINES AND NEC REQUIREMENTS.
- WITH APPROVAL OF LOCAL AHJ AND UTILITY, ALUMINUM CONDUCTOR MAY BE USED FOR SERVICE ENTRANCE/FEEDERS PROVIDED ALUMINUM CONDUCTOR HAS SAME OR GREATER AMPACITY OF SPECIFIED 'CU' CONDUCTOR(S).
- PRIOR TO CONSTRUCTION, EC TO FIELD-COORDINATE WITH TELEPHONE, POWER, & CATV (IF REQ'D) FOR ALL REQUIREMENTS (INCLUDING CONDUIT #/SIZE, POINTS-OF-TERMINATION, ETC...)... FOR TELE/DATA SER-VICE, INSTALL TWO (2) 2"C's (W/ PULLSTRINGS) FROM BUILDING TO HIGHWAY RIGHT-OF-WAY.. FOR BID PURPOSES ONLY

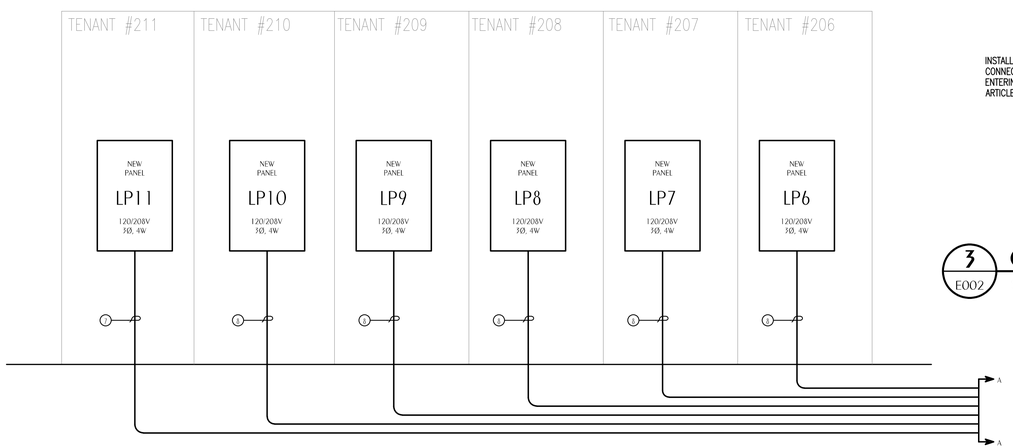
POWER RISER DIAGRAM KEYNOTES:

1. INSTALL FOUR (4) PARALLEL RUNS OF 4#350MCM CU IN 3"C.
2. INSTALL 4#500MCM CU IN 3-1/2"C.
3. INSTALL 4#4/0 CU IN 2-1/2"C.
4. PROVIDE PHENOLIC LABEL FOR FUSED DISCONNECT INDICATING RESPECTED TENANT SPACE IT SERVES.
5. SEE CONTINUATION ON 'POWER RISER DIAGRAM - B', ON SHEET 'E003'.
6. EC TO SIZE ELECTRICAL TROUGH AS REQUIRED.
7. INSTALL 4#500MCM CU, 1#3 CU GND IN 4"C. INSTALL ADDITIONAL 4"C (W/ PULLSTRING) FROM DISCONNECT TO PANEL TO ALLOW FOR FUTURE UPGRADE IF REQUIRED ONCE TENANT HAS BEEN DETERMINED.
8. INSTALL 4#4/0 CU, 1#4 CU GND IN 2-1/2"C. INSTALL ADDITIONAL 2-1/2"C (W/ PULLSTRING) FROM DISCONNECT TO PANEL TO ALLOW FOR FUTURE UPGRADE IF REQUIRED ONCE TENANT HAS BEEN DETERMINED.
9. PRIOR TO CONSTRUCTION, FIELD-COORDINATE W/ FP&L REPRESENTATIVE THE EXACT LOCATION OF NEW UTILITY PAD-MOUNTED TRANSFORMER AND POINTS-OF-TERMINATION OF UNDERGROUND SECONDARY SERVICE(S).

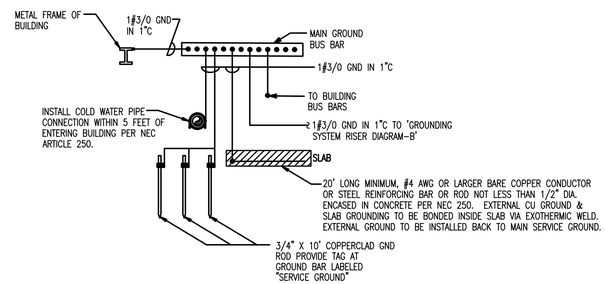
CUMULATIVE ELECTRICAL LOADS:	
	CONNECTED LOAD
PANEL 'LP6':	12.44 KW
PANEL 'LP7':	13.77 KW
PANEL 'LP8':	13.59 KW
PANEL 'LP9':	13.59 KW
PANEL 'LP10':	13.59 KW
PANEL 'LP11':	19.64 KW
TOTALS:	86.62 KW
ESTIMATED FUTURE LOAD:	410.0 KW (1113.8 AMPS)



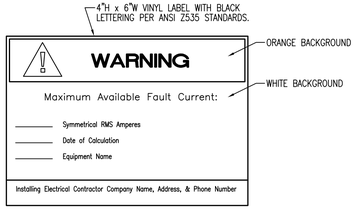
1 POWER RISER DIAGRAM - A
E002 SCALE: N.T.S.



2 POWER RISER DIAGRAM - A CONTINUED
E002 SCALE: N.T.S.

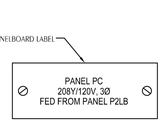


3 GROUNDING SYSTEM RISER DIAGRAM - A
E002 SCALE: NOT TO SCALE



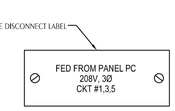
NOTE: IN LIEU OF CALCULATION, AFC FROM SECONDARY SIDE OF UTILITY TRANSFORMER MAY BE USED. COORDINATE W/ UTILITY REPRESENTATIVE

4 TYPICAL SERVICE EQUIPMENT FAULT CURRENT LABEL DETAIL
E002 SCALE: N.T.S.



ENGRAVED PLASTIC TAG WITH 1/4" HIGH WHITE LETTERS ON BLACK BACKGROUND (RED BACKGROUND FOR EMERGENCY EQUIPMENT). TAG SHALL HAVE ALL EDGES BEVELED AND SMOOTH. SECURE TAG WITH 2 CHROME (STAINLESS STEEL FOR WET OR DAMP LOCATIONS) SCREWS.

5 TYPICAL PANELBOARD LABELING DETAIL
E002 SCALE: N.T.S.



ENGRAVED PLASTIC TAG WITH 1/4" HIGH WHITE LETTERS ON BLACK BACKGROUND (RED BACKGROUND FOR EMERGENCY EQUIPMENT). TAG SHALL HAVE ALL EDGES BEVELED AND SMOOTH. SECURE TAG WITH 2 CHROME (STAINLESS STEEL FOR WET OR DAMP LOCATIONS) SCREWS.

6 TYPICAL DISCONNECT LABELING DETAIL
E002 SCALE: N.T.S.

WATFORD ENGINEERING
4452 Clinton Street Marianna, Florida 32446
2449 Moores Mill Rd, Suite 100 Auburn, AL 36830
Florida CA Number: 27825
Anthony L Davis, PE
Florida License Number: 57419
850.526.3447 | 334.209.0212
Project Number: 2026-023

RELIANT SOUTH Construction Group
Design - Build Contractor
230 West 5th Street
Panama City, FL 32401
(850) 215-5540

SPEC 2 AT WEST BAY TOWN CENTER

8411 WEST BAY PKWY
PANAMA CITY BEACH, FL 32413

REVISION

#	DESCRIPTION	DATE

Designed By: A. DAVIS

Drawn BY: E.USI

ELECTRICAL POWER RISER DIAGRAM A AND DETAILS

E002

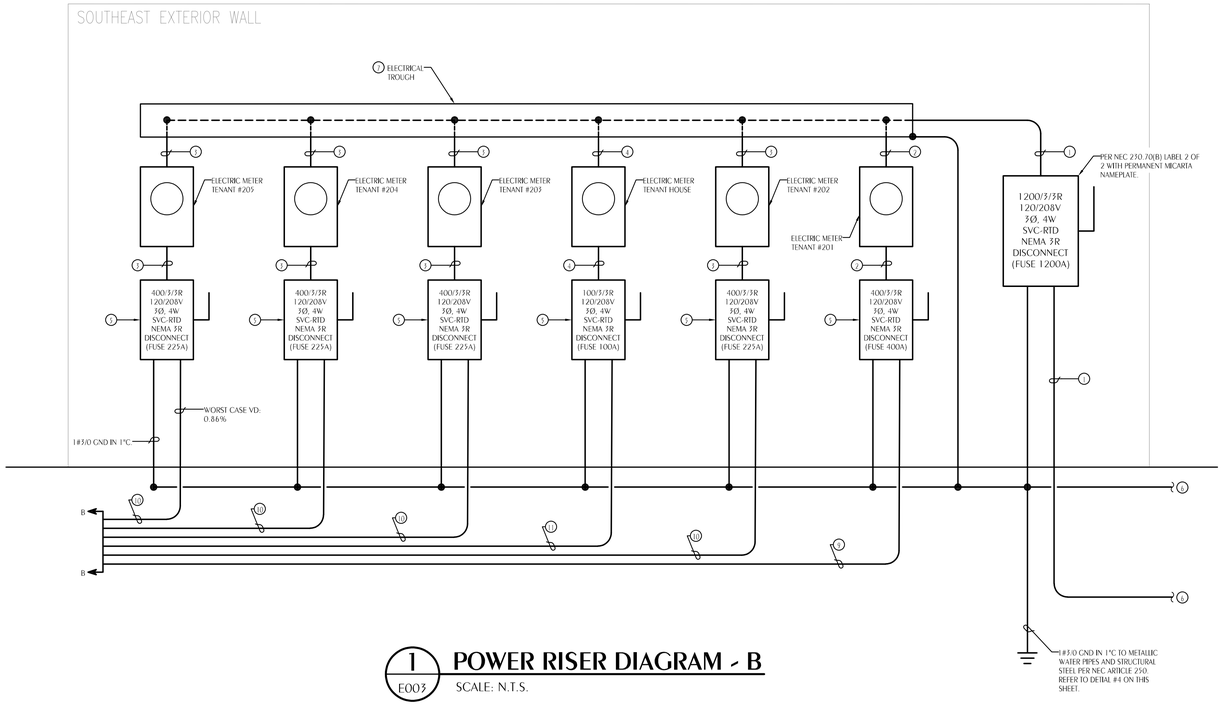
07/02/2026

'POWER RISER DIAGRAM' GENERAL NOTE(S):

- ELECTRICAL CONTRACTOR TO INSTALL METER BASE AND BREAKER SO THAT CENTER OF METER IS NO LESS THAN 4'-5"-5'-5" A.F.G. AND BREAKER HANDLE IS NO GREATER THAN 7'9" A.F.F. TO COMPLY WITH UTILITY GUIDELINES AND NEC REQUIREMENTS.
- WITH APPROVAL OF LOCAL AHJ AND UTILITY, ALUMINUM CONDUCTOR MAY BE USED FOR SERVICE ENTRANCE/FEEDERS PROVIDED ALUMINUM CONDUCTOR HAS SAME OR GREATER AMPACITY OF SPECIFIED 'CU' CONDUCTOR(S).
- PRIOR TO CONSTRUCTION, EC TO FIELD-COORDINATE WITH TELEPHONE, POWER, & CATV (IF REQ'D) FOR ALL REQUIREMENTS (INCLUDING CONDUIT #/SIZE, POINTS-OF-TERMINATION, ETC...). FOR TELE/DATA SER-VICE, INSTALL TWO (2) 2"C's (W/ PULLSTRINGS) FROM BUILDING TO HIGHWAY RIGHT-OF-WAY.. FOR BID PURPOSES ONLY

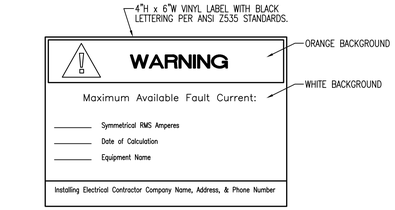
POWER RISER DIAGRAM KEYNOTES:

1. INSTALL FOUR (4) PARALLEL RUNS OF #350MCM CU IN 3"C.
2. INSTALL #500MCM CU IN 3-1/2"C.
3. INSTALL #4/0 CU IN 2-1/2"C.
4. INSTALL #3 CU IN 1-1/4"C.
5. PROVIDE PHENOLIC LABEL FOR FUSED DISCONNECT INDICATING RESPECTED TENANT SPACE IT SERVES.
6. SEE CONTINUATION ON 'POWER RISER DIAGRAM - A', ON SHEET 'E002'.
7. EC TO SIZE ELECTRICAL TROUGH AS REQUIRED.
8. SURGE SUPPRESSOR - INSTALL PER SPECIFICATIONS
9. INSTALL #500MCM CU, 1#3 CU GND IN 4"C. INSTALL ADDITIONAL 4"C (W/ PULLSTRING) FROM DISCONNECT TO PANEL TO ALLOW FOR FUTURE UPGRADE IF REQUIRED ONCE TENANT HAS BEEN DETERMINED.
10. INSTALL #4/0 CU, 1#4 CU GND IN 2-1/2"C. INSTALL ADDITIONAL 2-1/2"C (W/ PULLSTRING) FROM DISCONNECT TO PANEL TO ALLOW FOR FUTURE UPGRADE IF REQUIRED ONCE TENANT HAS BEEN DETERMINED.
11. INSTALL #4/3 CU, 1#8 CU GND IN 1-1/2"C.
12. INSTALL TWO (2) 2"C FOR TELE/DATA SERVICES. SEE 'ELECTRICAL SITE PLAN', SHEET 'E300', FOR MORE INFORMATION.
13. INSTALL ELEVEN (11) 1-1/4" EMT CONDUITS (W/PULLSTRING) FOR TELE/DATA SERVICES; ROUTE ONE (1) TO EACH TENANT SPACE. FIELD-COORDINATE EXACT POINTS-OF-TERMINATION WITHIN TENANT SPACES WITH CC/OWNER. EC TO PROVIDE FIRE CAULKING WHERE APPLICABLE.



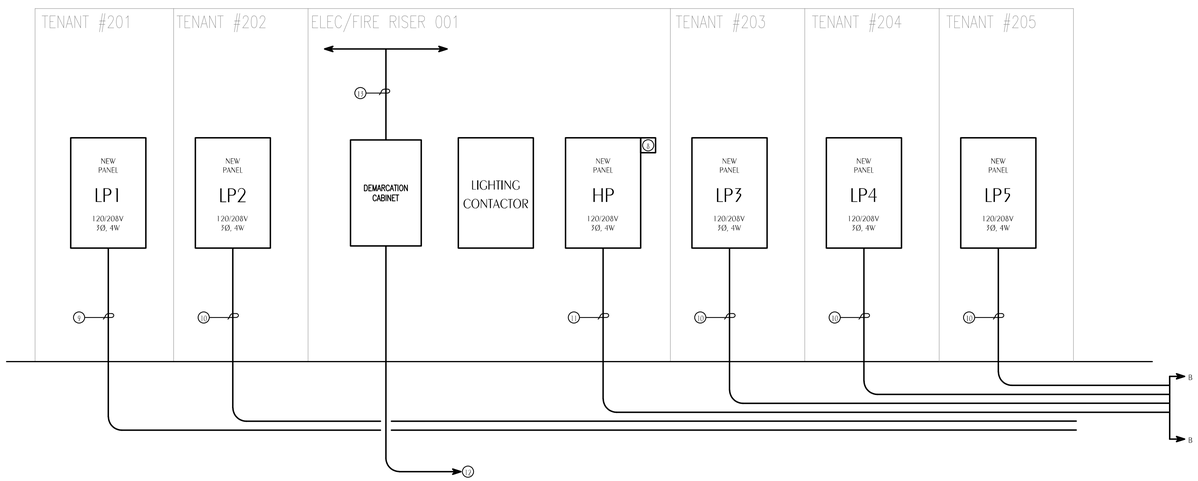
1 E003 **POWER RISER DIAGRAM - B**
SCALE: N.T.S.

CUMULATIVE ELECTRICAL LOADS:	CONNECTED LOAD
PANEL 'LP1':	29.76 KW
PANEL 'LP2':	13.59 KW
PANEL 'HP':	16.46 KW
PANEL 'LP3':	13.77 KW
PANEL 'LP4':	13.59 KW
PANEL 'LP5':	13.59 KW
TOTALS:	96.76 KW
ESTIMATED FUTURE LOAD:	396.8 KW (1102 AMPS)

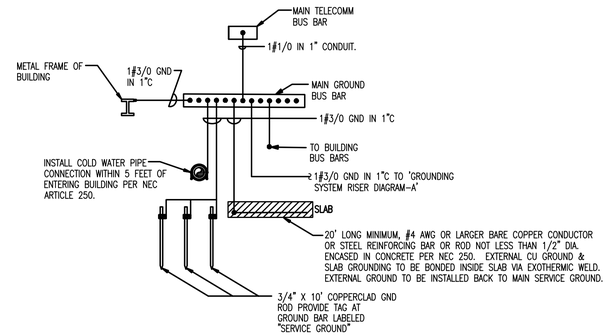


NOTE: IN LIEU OF CALCULATION, AFC FROM SECONDARY SIDE OF UTILITY TRANSFORMER MAY BE USED. COORDINATE W/ UTILITY REPRESENTATIVE

3 E003 **TYPICAL SERVICE EQUIPMENT FAULT CURRENT LABEL DETAIL**
SCALE: N.T.S.



2 E003 **POWER RISER DIAGRAM - B CONTINUED**
SCALE: N.T.S.



4 E003 **GROUNDING SYSTEM RISER DIAGRAM - B**
SCALE: NOT TO SCALE

RELIANTSOUTH Construction Group
Design - Build Contractor
230 West 5th Street
Panama City, FL 32401
(850) 215-5540

SPEC 2 AT WEST BAY TOWN CENTER

8411 WEST BAY PKWY
PANAMA CITY BEACH, FL 32413

REVISION

#	DESCRIPTION	DATE

Designed By: A.DAVIS
Drawn BY: E.USI

ELECTRICAL POWER RISER DIAGRAM B AND DETAILS

E003

07/02/2026

WATFORD ENGINEERING
4452 Clinton Street Marianna, Florida 32446
2449 Moores Mill Rd, Suite 100 Auburn, AL 36830
Florida CA Number: 27525
Anthony L Davis, PE
Florida License Number: 57419
850.526.3447 / 334.209.0212
Project Number: 2026-023

208/120 VOLT 3Ø 4W
400 AMP MAIN LUG ONLY

CIRCUIT BREAKER PANEL SCHEDULE
PANEL 'LP1'

SURFACE MOUNTED
NEMA 1 ENCLOSURE

CKT	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	LOAD KVA		BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT
1	↑	3	↑		0.27	20	1	LTS-INTERIOR	2
3	RTU 1A	3	50①	12.96	0.72	20	1	REC-INTERIOR/EXTERIOR/ROOF	4
5	↓	↓	↓		0.50	20	1	FUTURE EXTERIOR PATIO LIGHTS	6
7	↑	↑	↑		0.40	20	1	FUTURE EXTERIOR CEILING FANS	8
9	RTU 1B	3	45①	11.81	0.72	20	1	REC-OUTDOOR PATIO	10
11	↓	↓	↓		0.54	20	1	REC-OUTDOOR PATIO	12
13	SPARE	1	20	--	0.36	20	1	REC-OUTDOOR PATIO	14
15	SPARE	1	20	--	--	20	1	SPARE	16
17	SPARE	1	20	--	--	20	1	SPARE	18
19	SPARE	1	20	--	--	20	1	SPARE	20
21	SPARE	1	20	--	--	20	1	SPARE	22
23	SPARE	1	20	--	--	20	1	SPARE	24
25	SPARE	1	20	--	--	20	1	SPARE	26
27	SPARE	1	20	--	--	20	1	SPARE	28
29	SPARE	1	20	--	--	20	1	SPARE	30
31	SPACE	1	--		--	--	1	SPACE	32
33	↓	↓	↓		↓	↓	↓	↓	34
35									36
37									38
39									40
41									42

① HACR RATED BREAKER; VERIFY SIZE REQUIRED FOR EQUIPMENT FURNISHED

TOTAL CONNECTED LOAD: 26.66 KVA
MINIMUM INTERRUPTING CAPACITY: 22,000 AMPS SYMMETRICAL

208/120 VOLT 3Ø 4W
225 AMP MAIN LUG ONLY

CIRCUIT BREAKER PANEL SCHEDULE
PANEL 'LP2'

SURFACE MOUNTED
NEMA 1 ENCLOSURE

CKT	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	LOAD KVA		BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT
1	↑	3	↑		0.27	20	1	LTS-INTERIOR	2
3	RTU 2	3	50①	12.96	0.36	20	1	REC-INTERIOR/ROOF	4
5	↓	↓	↓		--	20	1	SPARE	6
7	SPARE	1	20	--	--	20	1	SPARE	8
9	SPARE	1	20	--	--	20	1	SPARE	10
11	SPARE	1	20	--	--	20	1	SPARE	12
13	SPARE	1	20	--	--	20	1	SPARE	14
15	SPARE	1	20	--	--	20	1	SPARE	16
17	SPARE	1	20	--	--	20	1	SPARE	18
19	SPARE	1	20	--	--	20	1	SPARE	20
21	SPARE	1	20	--	--	20	1	SPARE	22
23	SPARE	1	20	--	--	20	1	SPARE	24
25	SPARE	1	20	--	--	20	1	SPARE	26
27	SPARE	1	20	--	--	20	1	SPARE	28
29	SPARE	1	20	--	--	20	1	SPARE	30
31	SPACE	1	--		--	--	1	SPACE	32
33	↓	↓	↓		↓	↓	↓	↓	34
35									36
37									38
39									40
41									42

① HACR RATED BREAKER; VERIFY SIZE REQUIRED FOR EQUIPMENT FURNISHED

TOTAL CONNECTED LOAD: 13.59 KVA
MINIMUM INTERRUPTING CAPACITY: 22,000 AMPS SYMMETRICAL

208/120 VOLT 3Ø 4W
225 AMP MAIN LUG ONLY

CIRCUIT BREAKER PANEL SCHEDULE
PANEL 'LP3'

SURFACE MOUNTED
NEMA 1 ENCLOSURE

CKT	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	LOAD KVA		BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT
1	↑		↑		0.27	20	1	LTS-INTERIOR	2
3	RTU 3	3	50①	12.96	0.54	20	1	REC-INTERIOR/EXTERIOR/ROOF	4
5	↓	↓	↓		--	20	1	SPARE	6
7	SPARE	1	20	--	--	20	1	SPARE	8
9	SPARE	1	20	--	--	20	1	SPARE	10
11	SPARE	1	20	--	--	20	1	SPARE	12
13	SPARE	1	20	--	--	20	1	SPARE	14
15	SPARE	1	20	--	--	20	1	SPARE	16
17	SPARE	1	20	--	--	20	1	SPARE	18
19	SPARE	1	20	--	--	20	1	SPARE	20
21	SPARE	1	20	--	--	20	1	SPARE	22
23	SPARE	1	20	--	--	20	1	SPARE	24
25	SPARE	1	20	--	--	20	1	SPARE	26
27	SPARE	1	20	--	--	20	1	SPARE	28
29	SPARE	1	20	--	--	20	1	SPARE	30
31	SPACE	1	--		--	--	1	SPACE	32
33	↓	↓	↓		↓	↓	↓	↓	34
35									36
37									38
39									40
41									42

① HACR RATED BREAKER; VERIFY SIZE REQUIRED FOR EQUIPMENT FURNISHED

TOTAL CONNECTED LOAD: 13.77 KVA
MINIMUM INTERRUPTING CAPACITY: 22,000 AMPS SYMMETRICAL

208/120 VOLT 3Ø 4W
225 AMP MAIN LUG ONLY

CIRCUIT BREAKER PANEL SCHEDULE
PANEL 'LP4'

SURFACE MOUNTED
NEMA 1 ENCLOSURE

CKT	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	LOAD KVA		BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT
1	↑		↑		0.27	20	1	LTS-INTERIOR	2
3	RTU 4	3	50①	12.96	0.36	20	1	REC-INTERIOR/EXTERIOR/ROOF	4
5	↓	↓	↓		--	20	1	SPARE	6
7	SPARE	1	20	--	--	20	1	SPARE	8
9	SPARE	1	20	--	--	20	1	SPARE	10
11	SPARE	1	20	--	--	20	1	SPARE	12
13	SPARE	1	20	--	--	20	1	SPARE	14
15	SPARE	1	20	--	--	20	1	SPARE	16
17	SPARE	1	20	--	--	20	1	SPARE	18
19	SPARE	1	20	--	--	20	1	SPARE	20
21	SPARE	1	20	--	--	20	1	SPARE	22
23	SPARE	1	20	--	--	20	1	SPARE	24
25	SPARE	1	20	--	--	20	1	SPARE	26
27	SPARE	1	20	--	--	20	1	SPARE	28
29	SPARE	1	20	--	--	20	1	SPARE	30
31	SPACE	1	--		--	--	1	SPACE	32
33	↓	↓	↓		↓	↓	↓	↓	34
35									36
37									38
39									40
41									42

① HACR RATED BREAKER; VERIFY SIZE REQUIRED FOR EQUIPMENT FURNISHED

TOTAL CONNECTED LOAD: 13.59 KVA
MINIMUM INTERRUPTING CAPACITY: 22,000 AMPS SYMMETRICAL

208/120 VOLT 3Ø 4W
225 AMP MAIN LUG ONLY

CIRCUIT BREAKER PANEL SCHEDULE
PANEL 'LP5'

SURFACE MOUNTED
NEMA 1 ENCLOSURE

CKT	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	LOAD KVA		BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT
1	↑		↑		0.27	20	1	LTS-INTERIOR	2
3	RTU 5	3	50①	12.96	0.36	20	1	REC-INTERIOR/ROOF	4
5	↓	↓	↓		--	20	1	SPARE	6
7	SPARE	1	20	--	--	20	1	SPARE	8
9	SPARE	1	20	--	--	20	1	SPARE	10
11	SPARE	1	20	--	--	20	1	SPARE	12
13	SPARE	1	20	--	--	20	1	SPARE	14
15	SPARE	1	20	--	--	20	1	SPARE	16
17	SPARE	1	20	--	--	20	1	SPARE	18
19	SPARE	1	20	--	--	20	1	SPARE	20
21	SPARE	1	20	--	--	20	1	SPARE	22
23	SPARE	1	20	--	--	20	1	SPARE	24
25	SPARE	1	20	--	--	20	1	SPARE	26
27	SPARE	1	20	--	--	20	1	SPARE	28
29	SPARE	1	20	--	--	20	1	SPARE	30
31	SPACE	1	--		--	--	1	SPACE	32
33	↓	↓	↓		↓	↓	↓	↓	34
35									36
37									38
39									40
41									42

① HACR RATED BREAKER; VERIFY SIZE REQUIRED FOR EQUIPMENT FURNISHED

TOTAL CONNECTED LOAD: 13.59 KVA
MINIMUM INTERRUPTING CAPACITY: 22,000 AMPS SYMMETRICAL

208/120 VOLT 3Ø 4W
225 AMP MAIN LUG ONLY

CIRCUIT BREAKER PANEL SCHEDULE
PANEL 'LP6'

SURFACE MOUNTED
NEMA 1 ENCLOSURE

CKT	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	LOAD KVA		BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT
1	↑		↑		0.27	20	1	LTS-INTERIOR	2
3	RTU 6	3	45①	11.81	0.36	20	1	REC-INTERIOR/EXTERIOR/ROOF	4
5	↓	↓	↓		--	20	1	SPARE	6
7	SPARE	1	20	--	--	20	1	SPARE	8
9	SPARE	1	20	--	--	20	1	SPARE	10
11	SPARE	1	20	--	--	20	1	SPARE	12
13	SPARE	1	20	--	--	20	1	SPARE	14
15	SPARE	1	20	--	--	20	1	SPARE	16
17	SPARE	1	20	--	--	20	1	SPARE	18
19	SPARE	1	20	--	--	20	1	SPARE	20
21	SPARE	1	20	--	--	20	1	SPARE	22
23	SPARE	1	20	--	--	20	1	SPARE	24
25	SPARE	1	20	--	--	20	1	SPARE	26
27	SPARE	1	20	--	--	20	1	SPARE	28
29	SPARE	1	20	--	--	20	1	SPARE	30
31	SPACE	1	--		--	--	1	SPACE	32
33	↓	↓	↓		↓	↓	↓	↓	34
35									36
37									38
39									40
41									42

① HACR RATED BREAKER; VERIFY SIZE REQUIRED FOR EQUIPMENT FURNISHED

TOTAL CONNECTED LOAD: 12.44 KVA
MINIMUM INTERRUPTING CAPACITY: 22,000 AMPS SYMMETRICAL

208/120 VOLT 3Ø 4W
225 AMP MAIN LUG ONLY

CIRCUIT BREAKER PANEL SCHEDULE
PANEL 'LP7'

SURFACE MOUNTED
NEMA 1 ENCLOSURE

CKT	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	LOAD KVA		BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT
1	↑		↑		0.27	20	1	LTS-INTERIOR	2
3	RTU 7	3	50①	12.96	0.54	20	1	REC-INTERIOR/EXTERIOR/ROOF	4
5	↓	↓	↓		--	20	1	SPARE	6
7	SPARE	1	20	--	--	20	1	SPARE	8
9	SPARE	1	20	--	--	20	1	SPARE	10
11	SPARE	1	20	--	--	20	1	SPARE	12
13	SPARE	1	20	--	--	20	1	SPARE	14
15	SPARE	1	20	--	--	20	1	SPARE	16
17	SPARE	1	20	--	--	20	1	SPARE	18
19	SPARE	1	20	--	--	20	1	SPARE	20
21	SPARE	1	20	--	--	20	1	SPARE	22
23	SPARE	1	20	--	--	20	1	SPARE	24
25	SPARE	1	20	--	--	20	1	SPARE	26
27	SPARE	1	20	--	--	20	1	SPARE	28
29	SPARE	1	20	--	--	20	1	SPARE	30
31	SPACE	1	--		--	--	1	SPACE	32
33	↓	↓	↓		↓	↓	↓	↓	34
35									36
37									38
39									40
41									42

① HACR RATED BREAKER; VERIFY SIZE REQUIRED FOR EQUIPMENT FURNISHED

TOTAL CONNECTED LOAD: 13.77 KVA
MINIMUM INTERRUPTING CAPACITY: 22,000 AMPS SYMMETRICAL

208/120 VOLT 3Ø 4W
225 AMP MAIN LUG ONLY

CIRCUIT BREAKER PANEL SCHEDULE
PANEL 'LP8'

SURFACE MOUNTED
NEMA 1 ENCLOSURE

CKT	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	LOAD KVA		BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT
1	↑		↑		0.27	20	1	LTS-INTERIOR	2
3	RTU 8	3	50①	12.96	0.36	20	1	REC-INTERIOR/ROOF	4
5	↓	↓	↓		--	20	1	SPARE	6
7	SPARE	1	20	--	--	20	1	SPARE	8
9	SPARE	1	20	--	--	20	1	SPARE	10
11	SPARE	1	20	--	--	20	1	SPARE	12
13	SPARE	1	20	--	--	20	1	SPARE	14
15	SPARE	1	20	--	--	20	1	SPARE	16
17	SPARE	1	20	--	--	20	1	SPARE	18
19	SPARE	1	20	--	--	20	1	SPARE	20
21	SPARE	1	20	--	--	20	1	SPARE	22
23	SPARE	1	20	--	--	20	1	SPARE	24
25	SPARE	1	20	--	--	20	1	SPARE	26
27	SPARE	1	20	--	--	20	1	SPARE	28
29	SPARE	1	20	--	--	20	1	SPARE	30
31	SPACE	1	--		--	--	1	SPACE	32
33	↓	↓	↓		↓	↓	↓	↓	34
35									36
37									38
39									40
41									42

① HACR RATED BREAKER; VERIFY SIZE REQUIRED FOR EQUIPMENT FURNISHED

TOTAL CONNECTED LOAD: 13.59 KVA
MINIMUM INTERRUPTING CAPACITY: 22,000 AMPS SYMMETRICAL

208/120 VOLT 3Ø 4W
225 AMP MAIN LUG ONLY

CIRCUIT BREAKER PANEL SCHEDULE
PANEL 'LP9'

SURFACE MOUNTED
NEMA 1 ENCLOSURE

CKT	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	LOAD KVA		BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT
1	↑		↑		0.27	20	1	LTS-INTERIOR	2
3	RTU 9	3	50①	12.96	0.36	20	1	REC-INTERIOR/EXTERIOR/ROOF	4
5	↓	↓	↓		--	20	1	SPARE	6
7	SPARE	1	20	--	--	20	1	SPARE	8
9	SPARE	1	20	--	--	20	1	SPARE	10
11	SPARE	1	20	--	--	20	1	SPARE	12
13	SPARE	1	20	--	--	20	1	SPARE	14
15	SPARE	1	20	--	--	20	1	SPARE	16
17	SPARE	1	20	--	--	20	1	SPARE	18
19	SPARE	1	20	--	--	20	1	SPARE	20
21	SPARE	1	20	--	--	20	1	SPARE	22
23	SPARE	1	20	--	--	20	1	SPARE	24
25	SPARE	1	20	--	--	20	1	SPARE	26
27	SPARE	1	20	--	--	20	1	SPARE	28
29	SPARE	1	20	--	--	20	1	SPARE	30
31	SPACE	1	--		--	--	1	SPACE	32
33	↓	↓	↓		↓	↓	↓	↓	34
35									36
37									38
39									40
41									42

① HACR RATED BREAKER; VERIFY SIZE REQUIRED FOR EQUIPMENT FURNISHED

TOTAL CONNECTED LOAD: 13.59 KVA
MINIMUM INTERRUPTING CAPACITY: 22,000 AMPS SYMMETRICAL

208/120 VOLT 3Ø 4W
225 AMP MAIN LUG ONLY

CIRCUIT BREAKER PANEL SCHEDULE
PANEL 'LP10'

SURFACE MOUNTED
NEMA 1 ENCLOSURE

CKT	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	LOAD KVA		BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT
1	↑		↑		0.27	20	1	LTS-INTERIOR	2
3	RTU 10	3	50①	12.96	0.36	20	1	REC-INTERIOR/EXTERIOR/ROOF	4
5	↓	↓	↓		--	20	1	SPARE	6
7	SPARE	1	20	--	--	20	1	SPARE	8
9	SPARE	1	20	--	--	20	1	SPARE	10
11	SPARE	1	20	--	--	20	1	SPARE	12
13	SPARE	1	20	--	--	20	1	SPARE	14
15	SPARE	1	20	--	--	20	1	SPARE	16
17	SPARE	1	20	--	--	20	1	SPARE	18
19	SPARE	1	20	--	--	20	1	SPARE	20
21	SPARE	1	20	--	--	20	1	SPARE	22
23	SPARE	1	20	--	--	20	1	SPARE	24
25	SPARE	1	20	--	--	20	1	SPARE	26
27	SPARE	1	20	--	--	20	1	SPARE	28
29	SPARE	1	20	--	--	20	1	SPARE	30
31	SPACE	1	--		--	--	1	SPACE	32
33	↓	↓	↓		↓	↓	↓	↓	34
35									36
37									38
39									40
41									42

① HACR RATED BREAKER; VERIFY SIZE REQUIRED FOR EQUIPMENT FURNISHED

TOTAL CONNECTED LOAD: 13.59 KVA
MINIMUM INTERRUPTING CAPACITY: 22,000 AMPS SYMMETRICAL

208/120 VOLT 3Ø 4W
400 AMP MAIN LUG ONLY

CIRCUIT BREAKER PANEL SCHEDULE
PANEL 'LP11'

SURFACE MOUNTED
NEMA 1 ENCLOSURE

CKT	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	LOAD KVA		BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT
1	↑		↑		0.27	20	1	LTS-INTERIOR	2
3	RTU 11	3	70①	19.01	0.36	20	1	REC-INTERIOR/ROOF	4
5	↓	↓	↓		0.50	20	1	FUTURE EXTERIOR PATIO LIGHTS	6
7	SPARE	1	20	--	0.50	20	1	FUTURE EXTERIOR CEILING FANS	8
9	SPARE	1	20	--	0.54	20	1	REC-OUTDOOR PATIO	10
11	SPARE	1	20	--	0.72	20	1	REC-OUTDOOR PATIO	12
13	SPARE	1	20	--	--	20	1	SPARE	14
15	SPARE	1	20	--	--	20	1	SPARE	16
17	SPARE	1	20	--	--	20	1	SPARE	18
19	SPARE	1	20	--	--	20	1	SPARE	20
21	SPARE	1	20	--	--	20	1	SPARE	22
23	SPARE	1	20	--	--	20	1	SPARE	24
25	SPARE	1	20	--	--	20	1	SPARE	26
27	SPARE	1	20	--	--	20	1	SPARE	28
29	SPARE	1	20	--	--	20	1	SPARE	30
31	SPACE	1	--		--	--	1	SPACE	32
33	↓	↓	↓		↓	↓	↓	↓	34
35									36
37									38
39									40
41									42

① HACR RATED BREAKER; VERIFY SIZE REQUIRED FOR EQUIPMENT FURNISHED

TOTAL CONNECTED LOAD: 21.70 KVA
MINIMUM INTERRUPTING CAPACITY: 22,000 AMPS SYMMETRICAL

208/120 VOLT 3Ø 4W
100 AMP MAIN LUG ONLY

CIRCUIT BREAKER PANEL SCHEDULE
PANEL 'HP'

SURFACE MOUNTED
NEMA 1 ENCLOSURE

CKT	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	LOAD KVA		BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT
1	LIFT STATION PUMP	2	30①	4.90	0.38	20	1	LTS-REAR EXTERIOR	2
3	↓	↓	↓		0.73	20	1	LTS-FRONT/EAST EXTERIOR	4
5	IRRIGATION PUMP	2	30①	4.90	0.77	20	1	LTS-FRONT/WEST EXTERIOR	6
7	↓	↓	↓		1.50	20	1	FRONT SIGNAGE	8
9	SPARE	20	1	--	1.50	20	1	FRONT SIGNAGE	10
11	SPARE	20	1	--	1.50	20	1	FRONT SIGNAGE	12
13	SPARE	20	1	--	0.10	20	1	LTS-INTERIOR	14
15	SPARE	20	1	--	0.18	20	1	REC-INTERIOR	16
17	SPARE	20	1	--	--	20	1	SPARE	18
19	SPARE	20	1	--	--	20	1	SPARE	20
21	SPACE	20	--		--	20	1	SPARE	22
23								SPARE	24
25						↑	↑	↑	26
27					--	30	3	SURGE SUPPRESSOR	28
29	↓	↓	↓			↓	↓	↓	30

① HACR RATED BREAKER; VERIFY SIZE REQUIRED FOR EQUIPMENT FURNISHED

TOTAL CONNECTED LOAD: 16.46 KVA
MINIMUM INTERRUPTING CAPACITY: 22,000 AMPS SYMMETRICAL

WATFORD ENGINEERING
4452 Clinton Street Marianna, Florida 32446
2449 Moores Mill Rd, Suite 100 Auburn, AL 36830

Florida CA Number: 27825
Anthony L Davis, PE
Florida License Number: 57419
850.526.3447 / 334.209.0212
Project Number: 2026-023

RELIANT SOUTH Construction Group
Design - Build Contractor
230 West 5th Street
Panama City, FL 32401
(850) 215-5540

SPEC 2 AT WEST BAY TOWN CENTER

8411 WEST BAY PKWY
PANAMA CITY BEACH, FL 32413

REVISION

#	DESCRIPTION	DATE

Designed By: A.DAVIS

Drawn BY: E.USI

ELECTRICAL PANEL SCHEDULES

E004

07/02/2026

KEYNOTES

1. EC TO INSTALL 3#4CU, 1#8CU GND IN 1-1/4"C.
2. EC TO INSTALL 3#8CU, 1#10CU GND IN 1"C.≡
3. PER MECHANICAL DESIGN, UNIT TO BE FURNISHED WITH DISCONNECT. EC TO FIELD-COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION OF DISCONNECT.
4. PER MECHANICAL DESIGN, UNIT TO BE FURNISHED WITH UNPOWERED 120V GFCI CONVENIENCE OUTLET. EC TO FIELD-COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION OF CONVENIENCE OUTLET.

N 1 ELECTRICAL POWER PLAN

E100 SCALE: 3/32" = 1'-0"

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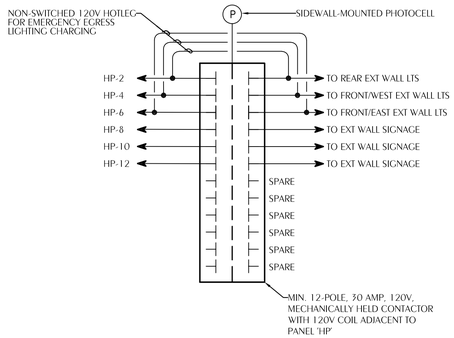
ELECTRICAL POWER PLAN

E100

07/02/2026

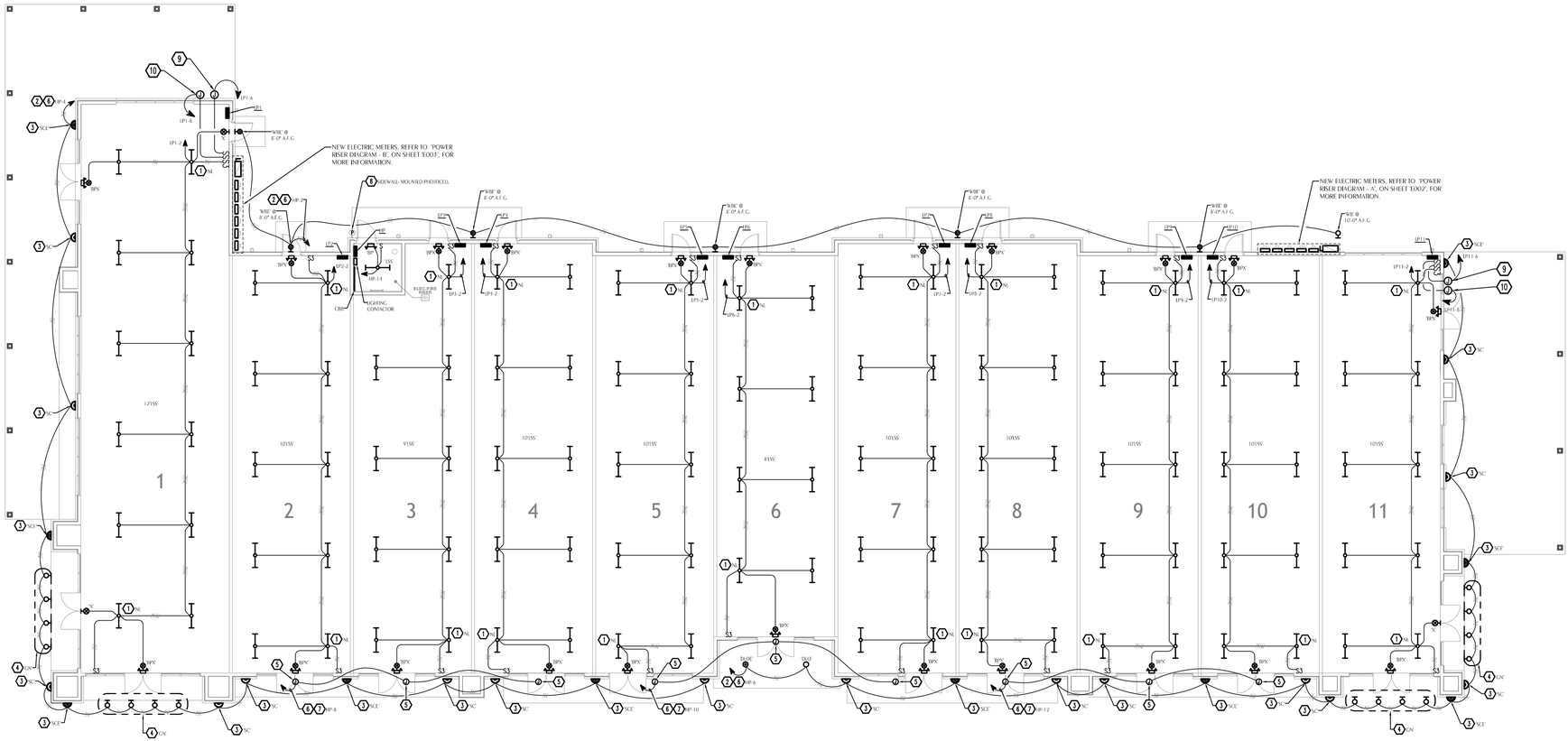


2 E200 LIGHTING CONTACTOR

SCALE: N.T.S.

KEYNOTES

1. FIXTURE TO BE WIRED FOR 24-HOUR CONTINUOUS OPERATION.
2. TO REDUCE VOLTAGE DROP, ENTIRE CIRCUIT TO BE A MINIMUM OF #10CU. WHERE 3-WIRE SHOWN, INSTALL ADDITIONAL NON-SWITCHED 120V HOTLEG FOR CONTINUAL CHARGING OF BACKUP EMERGENCY BATTERY FOR EGRESS LIGHTING COMPLIANCE.
3. PRIOR TO ROUGH-IN, EC TO FIELD-COORDINATE WITH GC FOR EXACT LOCATION/HEIGHT OF EXTERIOR WALL SCONCE. ROUTE CIRCUIT VIA LIGHTING CONTACTOR.
4. PRIOR TO ROUGH-IN, EC TO FIELD-COORDINATE WITH GC FOR EXACT LOCATION/HEIGHT OF GOOSENECK LIGHTING FIXTURE FOR EXTERIOR WALL SIGNAGE. ROUTE CIRCUIT VIA LIGHTING CONTACTOR.
5. PRIOR TO ROUGH-IN, FIELD-COORDINATE WITH GC/OWNER FOR EXACT MOUNTING HEIGHT/LOCATION OF FLUSH-MOUNTED J-BOX FOR SIGNAGE.
6. ROUTE VIA LIGHTING CONTACTOR ADJACENT TO PANEL 'HP'. REFER TO 'LIGHTING CONTACTOR DETAIL', THIS SHEET, FOR MORE INFORMATION.
7. EC TO INSTALL 2#10, 1#10CU GND IN 3/4"C.
8. SIDEWALL-MOUNTED PHOTOCELL TO BE MOUNTED/SHIELDED SO ADJACENT EXTERIOR LIGHTING DOES NOT INTERFERE WITH ITS PROPER OPERATION. PHOTOCELL TO BE INTERLOCKED WITH LIGHTING CONTACTOR ADJACENT TO PANEL 'HP'.
9. PRIOR TO ROUGH-IN, EC SHALL COORDINATE WITH GC FOR EXACT MOUNTING LOCATION/HEIGHT OF RECESSED JUNCTION BOX FOR FUTURE PATIO EXTERIOR LIGHTING.
10. PRIOR TO ROUGH-IN, EC SHALL COORDINATE WITH GC FOR EXACT MOUNTING LOCATION/HEIGHT OF RECESSED JUNCTION BOX FOR FUTURE PATIO EXTERIOR CEILING FANS.



N 1 E200 ELECTRICAL LIGHTING PLAN

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

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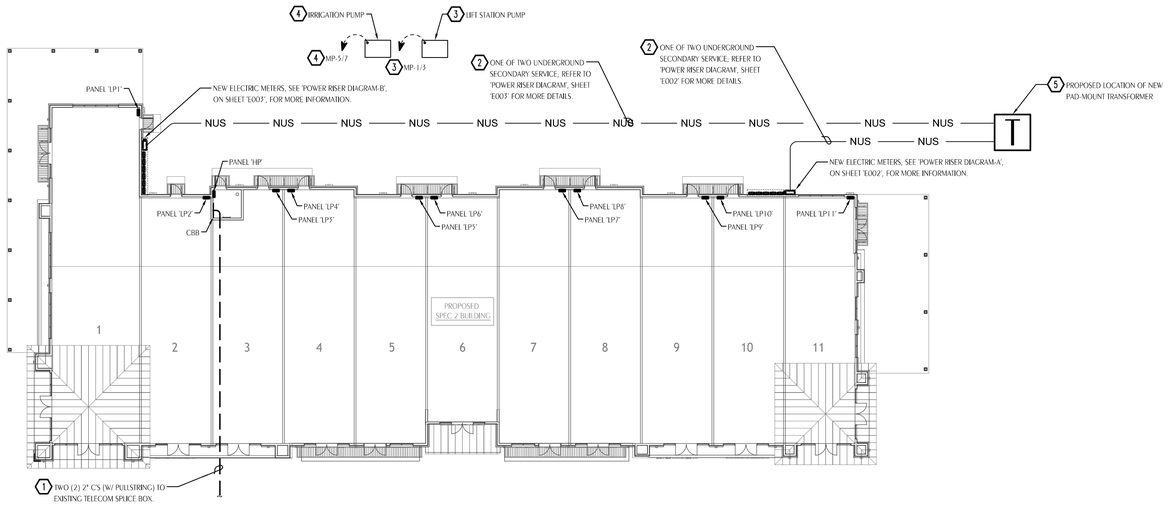
ELECTRICAL LIGHTING PLAN

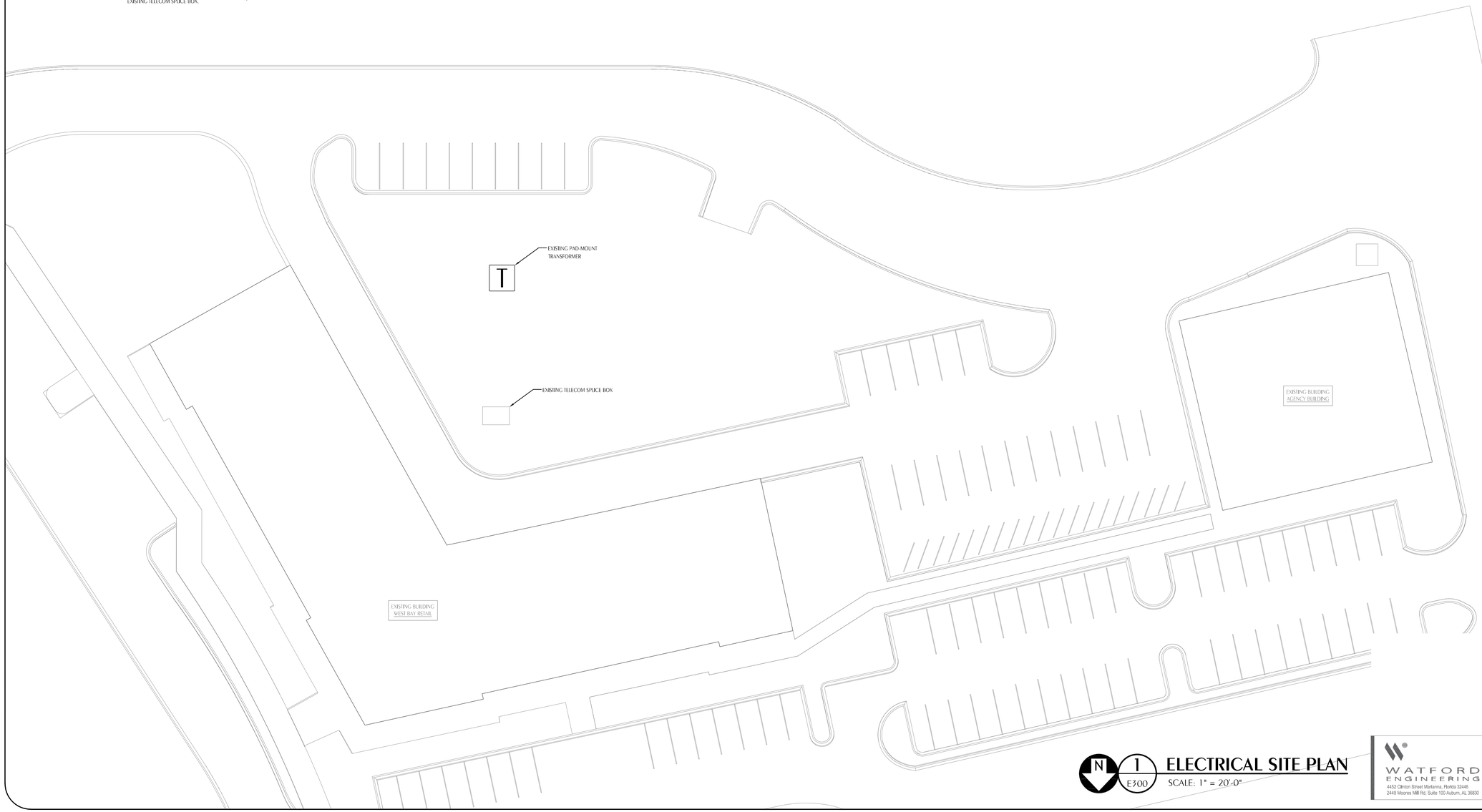
E200

07/02/2026



KEYNOTES

1. PRIOR TO ROUGH-IN, EC MUST FIELD-COORDINATE WITH TELE/DATA UTILITY THE REQUIRED #/SIZE OF CONDUITS REQUIRED FOR SERVICE. FOR BID PURPOSES, INSTALL TWO (2) 2"C'S (W/ PULLSTRING). VERIFY ROUTING AND POINTS-OF-TERMINATION WITH UTILITY REPRESENTATIVE.
2. PRIOR TO CONSTRUCTION, EC TO FIELD-COORDINATE WITH GC/UTILITY REPRESENTATIVE FOR UNDERGROUND ELECTRICAL SERVICE.
3. AT TIME OF DESIGN, ELECTRICAL REQUIREMENTS OF LIFT STATION PUMP UNKNOWN. PRIOR TO CONSTRUCTION, COORDINATE EXACT ELECTRICAL REQUIREMENTS AND ADJUST BREAKER, CONDUIT, CONDUCTORS, DEVICE, ETC. AS REQUIRED FOR A COMPLETE INSTALLATION. ADDITIONALLY, COORDINATE EXACT LOCATION WITH GC/SITEWORK CONTRACTOR. FOR BID PURPOSES ASSUME 2#8, 1#8GND IN 3/4" CONDUIT. EC TO NOTE: UPSIZE WIRE AS REQUIRED TO MITIGATE VOLTAGE DROP.
4. AT TIME OF DESIGN, ELECTRICAL REQUIREMENTS OF IRRIGATION PUMP UNKNOWN. PRIOR TO CONSTRUCTION, COORDINATE EXACT ELECTRICAL REQUIREMENTS AND ADJUST BREAKER, CONDUIT, CONDUCTORS, DEVICE, ETC. AS REQUIRED FOR A COMPLETE INSTALLATION. ADDITIONALLY, COORDINATE EXACT LOCATION WITH GC/SITEWORK CONTRACTOR. FOR BID PURPOSES ASSUME 2#8, 1#8GND IN 3/4" CONDUIT. EC TO NOTE: UPSIZE WIRE AS REQUIRED TO MITIGATE VOLTAGE DROP.
5. PRIOR TO CONSTRUCTION, FIELD-COORDINATE WITH FP&L REPRESENTATIVE THE EXACT LOCATION OF NEW UTILITY PAD-MOUNTED TRANSFORMER AND POINTS-OF-TERMINATION OF UNDERGROUND SECONDARY SERVICE(S)



N 1 E300 ELECTRICAL SITE PLAN
SCALE: 1" = 20'-0"

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REVISION

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Designed By: A.DAVIS

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ELECTRICAL SITE PLAN

E300

07/02/2026