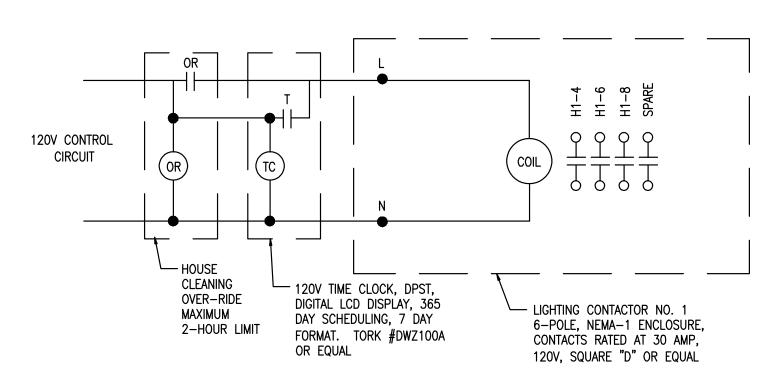
B-38

120V CONTROL

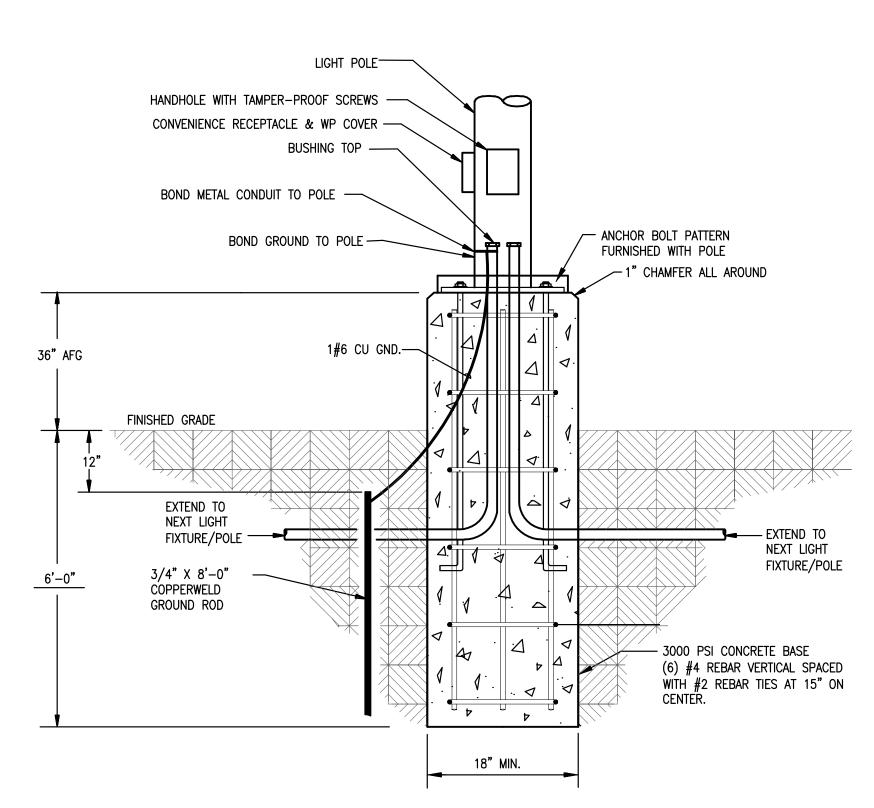
— ON/OFF SWITCH EQUAL TO SQUARE "D"

SERIES 9001 NO. KYK110



NOTES: 1. CIRCUITS WITH EXIT/EMERGENCY EGRESS LIGHTING SHALL BE PROVIDED WITH AN UNSWITCHED PHASE CONDUCTOR TO MAINTAIN BATTERY BACK-UP CHARGING

2 LIGHTING CONTACTOR DETAIL
SCALE: NO SCALE



3 POLE BASE DETAIL
SCALE: NO SCALE

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| | PROJECT |



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02.08.18

PROJECT NO. SHEET NO.:

ELECTRICAL SYMBOL LEGEND:

- HOMERUN CIRCUIT TO PANEL AS INDICATED. HATCH MARKS INDICATE QUANTITY OF CONDUCTORS WITHIN RACEWAY. NO HATCH MARKS INDICATE 2#12, 1#12G, 1/2"C, UNLESS OTHERWISE NOTED. EQUIPMENT GROUNDING CONDUCTORS ARE NOT INDICATED; HOWEVER, CONTRACTOR SHALL PROVIDE EACH RACEWAY WITH A GREEN EQUIPMENT GROUNDING CONDUCTOR SIZED IN ACCORDANCE WITH THE 2011 N.E.C. (TABLE 250.122), UNLESS OTHERWISE INDICATED.
- WIRING IN CONDUIT/RACEWAY INSTALLED CONCEALED IN FINISHED SPACES, EXPOSED IN
- WIRING IN CONDUIT/RACEWAY INSTALLED CONCEALED IN SLAB OR BELOW GRADE. INSTALLATION DEPTH AS NOTED.
- WIRING IN CONDUIT/RACEWAY INSTALLED EXPOSED ON STRUCTURE ABOVE AND/OR WALL.
- JUNCTION BOX INSTALLED FLUSH OR ABOVE CEILING.
- JUNCTION BOX MOUNTED FLUSH IN WALL. ELEVATION AS NOTED OR COORDINATED WITH ARCHITECTURAL ELEVATIONS.
- JUNCTION BOX MOUNTED FLUSH WITH FINISHED FLOOR, VERIFY FLOOR FINISH AND COVERPLATE REQUIREMENTS WITH ARCHITECTURAL FLOOR FINISH AND ELEVATION PRIOR TO ROUGH-IN OF JUNCTION BOX AND RACEWAYS.
 - FLUORESCENT TROFFER FIXTURE, REFER TO LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL
 - "NL"— INDICATES FIXTURE TO BE CONNECTED TO AN UNSWITCHED PHASE CONDUCTOR
 - OR AHEAD OF SWITCH WITHIN CIRCUIT. • "EM"- INDICATES FIXTURE TO BE PROVIDED WITH A 90 MIN. EMERGENCY EGRESS
 - BATTERY BACK-UP UNIT. REFER TO FIXTURE SCHEDULE FOR REQUIRED LUMEN OUTPUT OF LAMP(S) CONNECTED TO BATTERY BACK-UP.
- FLUORESCENT TROFFER FIXTURE, 90 MIN. EMERGENCY EGRESS BATTERY BACK-UP, REFER TO LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL REQUIREMENTS.
- "NL"— INDICATES FIXTURE TO BE CONNECTED TO AN UNSWITCHED PHASE CONDUCTOR OR AHEAD OF SWITCH WITHIN CIRCUIT.
- FLUORESCENT STRIP FIXTURE, REFER TO LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL
 - "NL" INDICATES FIXTURE TO BE CONNECTED TO AN UNSWITCHED PHASE CONDUCTOR OR AHEAD OF SWITCH WITHIN CIRCUIT.
 - "EM" INDICATES FIXTURE TO BE PROVIDED WITH A 90 MIN. EMERGENCY EGRESS BATTERY BACK-UP UNIT. REFER TO FIXTURE SCHEDULE FOR REQUIRED LUMEN OUTPUT OF LAMP(S) CONNECTED TO BATTERY BACK-UP.
- O INCANDESCENT/H.I.D./FLOURESCENT DOWNLIGHT FIXTURE, REFER TO LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL REQUIREMENTS.
 - "NL" INDICATES FIXTURE TO BE CONNECTED TO AN UNSWITCHED PHASE CONDUCTOR OR AHEAD OF SWITCH WITHIN CIRCUIT.
 - "EM" INDICATES FIXTURE TO BE PROVIDED WITH A 90 MIN. EMERGENCY EGRESS BATTERY BACK-UP UNIT. REFER TO FIXTURE SCHEDULE FOR REQUIRED LUMEN OUTPUT OF LAMP(S) CONNECTED TO BATTERY BACK-UP.
- INCANDESCENT/H.I.D./FLOURESCENT WALL MOUNTED FIXTURE, REFER TO LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL REQUIREMENTS. COORDINATE MOUNTING HEIGHT WITH BUILDING ELEVATIONS AND PLANS AS NOTED.
- EXIT FIXTURE WITH 90 MINUTE EMERGENCY BATTERY BACK-UP. SHADED QUADRANT INDICATES TEXT SIDE, ARROW INDICATES DIRECTION OF EGRESS. FIELD VERIFY EGRESS DIRECTION PRIOR TO ORDERING OF DIRECTIONAL SIGNAGE.
- EMERGENCY EGRESS FIXTURE WITH 90 MINUTE EMERGENCY BATTERY BACK-UP.
- SINGLE POLE TOGGLE SWITCH, MOUNTED AT 4'-0" A.F.F., HUBBELL #HBL1221.
- S₃ THREE-WAY TOGGLE SWITCH, MOUNTED AT 4'-0" A.F.F., HUBBELL #HBL1223.
- FOUR-WAY TOGGLE SWITCH, MOUNTED AT 4'-0" A.F.F., HUBBELL #HBL1224.
- DIMMER SWITCH, MOUNTED AT 4'-0" A.F.F.
- (INCANDESCENT LIGHTS- LUTRON #NT-1500, 1500VA CAPACITY, DOUBLE-GANG WALL BOX) (FLUORESCENT LIGHTS- LUTRON #NTF-10, 1920VA CAPACITY, SINGLE-GANG WALL BOX)
- S_M DOUBLE POLE (MOTOR-RATED) MANUAL STARTER WITH OVERLOAD, 208V, 30A UNLESS
- SINGLE POLE SWITCH WITH PILOT LIGHT, MOUNTED AT 4'-0" A.F.F., HUBBELL #1221-PL.
- WALL MOUNTED OCCUPANCY SENSOR. SWITCH SHALL BE RATED FOR CONNECTED LOAD, 120/277V. ADJUSTABLE TIME DELAY: 5 MIN. TO 30 MIN. WATTSTOPPER #DSW-100 SINGLE) #DW-103(MULTIWAY)
- CEILING MOUNTED OCCUPANCY SENSOR, ULTRASONIC DETECTION, RELAY SHALL BE RATED FOR CONNECTED LOAD, 120/277V. ADJUSTABLE TIME DELAY: 15 SEC. TO 30 MIN. WATTSTOPPER #WT-1100 (1100 SQ FT AREA) #WT-2250 (90 FT CORRIDOR). WATTSTOPPER #BZ-50 POWER PACK.
- P DUPLEX RECEPTACLE, 20A., 120V., MOUNTED AT 18" A.F.F., HUBBELL #5362. "IG" – ISOLATED GROUND, HUBBELL #IG5362.
 - "GFI"- GROUND FAULT CIRCUIT INTERRUPTER, HUBBELL #GF-5362 "WP" - DEVICE PROVIDED WITH A WEATHER-PROOF DEVICE COVERPLATE
- TWO (2) DUPLEX RECEPTACLES UNDER COMMON PLATE, 18" A.F.F., OR ABOVE COUNTER WHERE SHOWN, HUBBELL #5362.
- DUPLEX RECEPTACLE CONTROLLED BY TOGGLE SWITCH, 20A., 120V., MOUNT AT 18" A.F.F., HUBBELL #5362, ONE HALF SWITCHED.
- SINGLE DRYER OUTLET, 30A, 2-POLE, 250V. HUBBELL #9330 (NEMA 6-30R).
- SPECIAL RECEPTACLE. REFER TO PLANS FOR VOLTAGE, AMPERAGE AND CONFIGURATION TYPE.
- FLUSH FLOOR DUPLEX RECEPTACLE AND COVERPLATE, 20A, 120V. HUBBELL #5362. COORDINATE COVERPLATE TYPE AND FLOOR FINISH WITH ARCHITECTURAL PRIOR TO ROUGH-IN OF BACKBOX
- FLUSH FLOOR TELEPHONE OUTLET AND COVERPLATE. EXTEND (1) 3/4"C. FROM BELOW FLOOR TO ACCESSIBLE CEILING AT NEAREST WALL CAVITY. PROVIDE PULLWIRE WITHIN
- FLUSH FLOOR DATA OUTLET AND COVERPLATE. EXTEND (1) 3/4"C. FROM BELOW FLOOR TO ACCESSIBLE CEILING AT NEAREST WALL CAVITY. PROVIDE PULLWIRE WITHIN RACEWAY
- FLUSH FLOOR COMBINATION TELEPHONE/DATA OUTLET AND COVERPLATE. EXTEND (1) 3/4"C. FROM BELOW FLOOR TO ACCESSIBLE CEILING AT NEAREST WALL CAVITY. PROVIDE PULLWIRE
- COMBINATION TELEPHONE/DATA OUTLET BOX, 4" SQUARE BOX W/ PLASTER RING, 18" A.F.F., OR ABOVE COUNTER WHERE SHOWN, WITH 3/4"C (AND #14AWG PULLWIRE) STUBBED 6" ABOVE ACCESSIBLE CEILING OR BACK TO TELEPHONE BACKBOARD AS DIRECTED BY THE

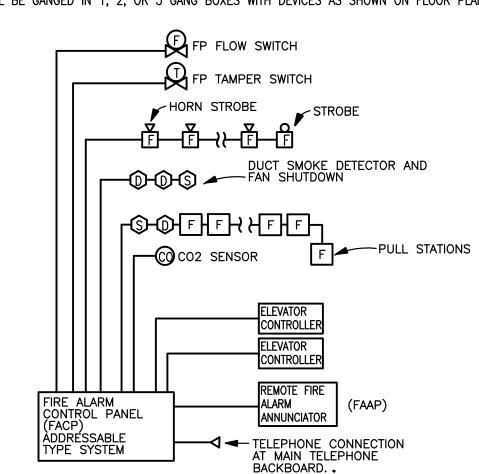
- TELEPHONE OUTLET BOX, 4" SQUARE BOX W/ PLASTER RING, 18" A.F.F., OR ABOVE COUNTER WHERE SHOWN. WITH 3/4"C (AND #14AWG PULLWIRE) STUBBED 6" ABOVE ACCESSIBLE CEILING OR BACK TO TELEPHONE BACKBOARD AS DIRECTED BY THE OWNER.
- DATA OUTLET BOX, 4" SQUARE BOX W/ PLASTER RING, 18" A.F.F., OR ABOVE COUNTER WHERE SHOWN, WITH 3/4"C (AND #14AWG PULLWIRE) STUBBED 6" ABOVE ACCESSIBLE CEILING OR BACK TO TELEPHONE BACKBOARD AS DIRECTED BY THE OWNER.
- FAX OR MODEM OUTLET BOX, 4" SQUARE BOX W/ PLASTER RING, 18" A.F.F., OR ABOVE COUNTER WHERE SHOWN, WITH 3/4"EC STUBBED ABOVE CEILING.
- CABLE TV OUTLET BOX, 4" SQUARE BOX W/ PLASTER RING, 18" AFF (UON), WITH 3/4"EC STUBBED ABOVE ACCESSIBLE CEILING OR BACK TO TELEPHONE BACKBOARD AS DIRECTED BY
- MOTOR, RATINGS (HP, VOLTAGE, PHASE, AMPERAGE) SIZE AS NOTED ON PLANS.
- ㅁ -DISCONNECT SWITCH, AMPACITY/POLES/FUSING AS NOTED. NEMA 1 ENCLOSURE UNLESS
- COMBINATION DISCONNECT AND STARTER, AMPACITY/POLES/FUSING AS NOTED. STARTER SIZED FOR MOTOR HORSE POWER, VOLTAGE AND PHASE. NEMA 1 ENCLOSURE UNLESS
- PANELBOARD, SEE SCHEDULE AND RISER DIAGRAM FOR VOLTAGE, PHASE, AND AMPACITY.
 - TELEPHONE/AUXILLIARY SYSTEMS BACKBOARD. PROVIDE 4'X8' MIN. PLYWOOD BACKBOARD PAINTED WITH GRAY FIRE RETARDANT PAINT. SECURE TO BUILDING STRUCTURE WITH ANCHOR BOLTS. PROVIDE A 12 SPACE GROUND BUS BAR WITH (1)#6G -3/4"PVC FROM BUS BAR BACK TO ELECTRICAL SERVICE GROUND.
- WP WEATHERPROOF GASKETED ENCLOSURE AND COVER.
- AFF ABOVE FINISHED FLOOR.

NOTED OTHERWISE.

- INDICATES FIXTURE TO BE CONNECTED TO AN UNSWITCHED PHASE CONDUCTOR OR AHEAD OF SWITCH WITHIN CIRCUIT.
- FIRE ALARM CONTROL PANEL W/ BATTERY BACK-UP AND REMOTE MONITORING
- FIRE ALARM ANNUNCIATOR PANEL INTERFACED WITH THE FIRE ALARM CONTROL PANEL
- F FIRE ALARM MANUAL PULL STATION 48" A.F.F.
- FIRE ALARM HORN/STROBE (SPEAKER/STROBE) NOTIFICATION, 6" BELOW CEILING OR
- 80" A.F.F. WHICHEVER IS LOWER.; (ALTERNATE: CEILING MOUNTED)
- FIRE ALARM SPEAKER/STROBE NOTIFICATION, 6" BELOW CEILING OR 80" A.F.F. WHICHEVER IS LOWER.; (ALTERNATE: CEILING MOUNTED)
- FIRE ALARM STROBE NOTIFICATION, 6" BELOW CEILING OR 80" A.F.F. WHICHEVER IS LOWER.; (ALTERNATE: CEILING MOUNTED)
- FIRE ALARM HORN NOTIFICATION, 6" BELOW CEILING OR 80" A.F.F. WHICHEVER IS LOWER.; (ALTERNATE: CEILING MOUNTED)
- FIRE ALARM CEILING MOUNTED SMOKE DETECTOR
- FIRE ALARM DUCT MOUNTED SMOKE DETECTOR. FURNISHED AND INSTALLED BY MECHANICAL SUB-CONTRACTOR, WIRED AND INTERLOCKED BY ELECTRICAL
- SUB-CONTRACTOR. H - FIRE ALARM CEILING MOUNTED HEAT DETECTOR
- SPRINKLER RISER WATER FLOW SWITCH. VERIFY QUANTITY AND LOCATION
- SPRINKLER RISER TAMPER SWITCH. VERIFY QUANTITY AND LOCATION
- GAS SOLENOID SHUNT VALVE, ELECTRICALLY HELD OPEN,
- FIRE ALARM LOW VOLTAGE DOOR HOLD OPEN DEVICE.
- HOOD FIRE SUPPRESSION INITIATION PULL STATION. ELECTRICAL INTERLOCK WITH THE HOOD CONTROLS AND THE FIRE ALARM SYSTEM. COORDINATE WITH THE HOOD SUB-CONTRACTOR.
- LOCAL 120V CEILING MOUNTED SMOKE DETECTOR WITH AUDIBLE ALERT
- LOCAL 120V CEILING MOUNTED SMOKE DETECTOR WITH AUDIBLE ALERT AND VISUAL STROBE

FLOOR BOX NOTE:

ALL FLUSH FLOOR BOXES SHALL BE CAST IRON. SINGLE UNIT CONSTRUCTION WITH SINGLE UNIT COVERPLATES AND CARPET FLANGES. FLUSH FLOOR BOXES SHALL BE FULLY ADJUSTABLE, DEEP (3.75" MINIMUM POUR DEPTH), HUBBELL # B2436, B4233, B4333 SERIES. FLUSH FLOOR BOXES SHALL BE GANGED IN 1, 2, OR 3 GANG BOXES WITH DEVICES AS SHOWN ON FLOOR PLANS.

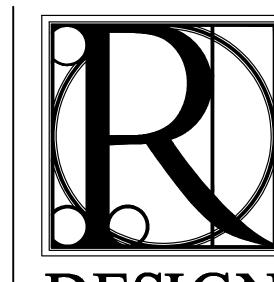


FIRE ALARM RISER DIAGRAM

| | | | | E | LECTR | ICAL-N | MECHAN | NICAL | EQUIPME | ENT SCHEDULE | | | |
|-----------------------|---------|-----|---------|------|-------|---------------|--------|-------|------------|---------------------|------------------|---------|--|
| DEVICE | VOLTAGE | HP | HEAT KW | FLA | MCA | MOCP | скт. | # | LOAD (KVA) | FEEDERS | DISCONNECT | NOTES | |
| FURN | 208/1 | 1/2 | 10.0 | 53.5 | 66 | 70 | | | 11.1 | 3#4, 1#8G1 1/4°C | 100/2/F70A | | |
| FURN | 208/1 | 1/2 | 10.0 | 53.5 | 66 | 70 | | | 11.1 | 3#4, 1#8G1 1/4°C | 100/2/F70A | | |
| CS | 208/3 | | | 10.2 | 12.5 | 20 | | | 3.5 | 3#10,1#10G. −1/2°C. | 30/3/F20A/WP | 3.0 TON | |
| CU | 208/3 | | | 10.2 | 12.5 | 20 | | | 3.5 | 3#10,1#10G. −1/2°C. | 30/3/F20A/WP | 3.0 TON | |
| TWU-1 | 208/1 | | 5.0 | 20.3 | 25.5 | 30 | T | | 4.2 | 2#10, 1#10G1/2°C. | J-BOX/NEMA 6-30R | | |
| <u>NOTES:</u> 1. X | | | | | | | | | | | | | |

| TYPE | FIXTURE DESCRIPTION | MOUNTING | VOLTS | INPUT WATTS | LAMPS MANUFACTURE | TR . | REMARKS |
|----------|--|--------------------|-------|----------------|--|--|---------|
| A | 1'X4' FIXTURE | | | | | | |
| C | 6" DIA. DOWNLIGHT, VERTICAL PAR LAMP HOLDER, LED "A" LAMP CLEAR ALZAK ALUMINUM REFLECTOR, WHITE PAINTED TRIM, | RECESS CEILING | 120 | 9.0 | (1) 700L LED, 3000K SUNLITE #88059—SU | LITHONIA #6VI-609A-TRW | |
| C (ALT) | 6" DIA. DOWNLIGHT, VERTICAL LAMP, ELECTROMIC BALLAST, CLEAR ALZAK ALUMINUM REFLECTOR, WHITE PAINTED TRIM, | RECESS CEILING | 120 | 45 | (1) 42TRT, 3000K | LITHONIA #6VF-26-42TRT-609A-MVOLT-TRW | |
| C2 | 2' WRAP AROUND FIXTURE, 50,000HR. LED DRIVER, CURVED PRISMATIC DIFFUSER, | SURFACE CEILING | 120 | 19 | 1200L LED, 3000K, 80CRI | LITHONIA #FMLW-24-8-30 | |
| C2 (ALT) | | SURFACE CEILING | 120 | 45 | F17T8 3500K | LITHONIA #LB-217-MVOLT-GEB101S | |
| C4 | 4' WRAP AROUND FIXTURE, 50,000HR. LED DRIVER, CURVED PRISMATIC DIFFUSER, | SURFACE CEILING | 120 | 40 | 2380L LED, 3000K, 80CRI | LITHONIA #FMLW-48-8-30 | |
| C4 (ALT) | and the state of t | SURFACE CEILING | 120 | 75 | (2) F32T8 3500K | LITHONIA #LB-232-MVOLT-GEB101S | |
| C8 | 10"X8' WRAP AROUND FIXTURE, (2) 2-LAMP ELECTRONIC BALLAST, CURVED PRISMATIC DIFFUSER, | SURFACE CEILING | 120 | 75 | (4) F32T8 3500K | LITHONIA #TLB-232-MVOLT-GEB101S | |
| СН | CHANDILIER. 9 LAMP HOLDER, FINISH BY OWNER, CHAIN HEIGHT SUSPENDED | SURFACE CEILING | 120 | 81 | (9) 800L LED, 3000K SUNLITE #80107—SU | CHANDILIER. TO BE DETERMINED BY OWNER | |
| D | 12" DIA CLOSE TO CEILING BOWL, (2) "A" LAMP HOLDER, SATIN OPAL GLASS GLOBE | SURFACE CEILING | 120 | 18 | (2) 800L LED, 3000K SUNLITE #80107—SU | LUMENCIA #LLF7173-62 | |
| D1 | | | | | | | |
| SC | WALL SCONCE, RUBBED BRONZE FINISH, | SURFACE WALL | 120 | 9 | 800L LED, 3000K SUNLITE #80107—SU | LUMENCIA #LL6933500 | |
| | BATH VANITY SURFACE MOUNT, AGED BRONZE FINISH, SATIN GLASS GLOBES, | SURFACE WALL | 120 | 27 | (3) 800L LED, 3000K SUNLITE #80107—SU | LUMENCIA #LL60-5553 | |
| G | 7" DIA DOWNLIGHT. MATTE WHITE ACRYLIC DIFFUSER, LED DRIVER, WET LOCATION LISTED | SURFACE CEILING | 120 | 9 | 642L LED, 3000K | LITHONIA #FMML-7-8-30-WL | |
| | 52" DIA CEILING FAN, 5-BLADE, 3 SPEED FAN CONTROL, (3) LAMP LIGHT KIT, 25,000 HOUR LAMP | SURFACE CEILING | 120 | 50 | (3) 800L LED, 2700K SUNLITE #80336—SU | LUMENCIA #LL52836-RB-L | |
| | EMERGENCY EGRESS LIGHT, 90-MIN. BATTERY BACK-UP, (2) ADJUSTABLE HEADS, WHITE THERMOPLASTIC HOUSING | SURFACE WALL | 120 | 15 | LED WITH UNIT | LITHONIA #EU2-LED-M12 | |
| EMR | EMERGENCY EGRESS LIGHT, (2) ADJUSTABLE HEADS, THERMOPLASTIC HOUSING, REMOTE POWERED FROM TYPE "XEM", WET LOCATION LISTED | SURFACE WALL | 120 | 15 | LED WITH UNIT | LITHONIA #ELA—T—QWP | |
| , | COMBINATION EXIT SIGN/EMERGENCY EGRESS LIGHT, THERMOPLASTIC HOUSING, 90 MIN. BATTERY BACK-UP, WHITE FINISH, RED LETTERING, LED EXIT SIGN, (2) ADJUSTABLE HEADS, UNIVERSAL MOUNT, HIGH OUTPUT | CEILING/ WALL | 120 | 15 | LED WITH UNIT | LITHONIA #LHQM-LED-R-HO | |

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ISSUE: REVISIONS:

SEAL



DRAWN BY:

DATE:

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PROJECT NO. SHEET NO.:

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| | | | ו. ב | | | | | | OLL | IVIL | <i></i> | | | |
| MAINS: 1 | 200A MCB (SHIUNT | TRIP) | | VOLTAGE: 2 | 208/120V | PHASE: 3 | 3 | WIRE: 4 | | AIC RA | ATING: 65 | ,000 | LOCATION: | SURFACE |
| CIRCUIT | | | GND. | | CED ANO | | | CONNECTED | FEE | ER BREA | | | | |
| DESIG. | ø CONDUCTORS | NEUTRAL | (CU ONLY | r) cond. | SERVING | | | CONNECTED LOAD (KVA) | | TRIP | POLES | NOTES | | |
| 1 | 3#1/0 CU | #1/0 CU | #8 | 1 1/2" | SURGE SU | PPRESSION | | | | 100 | 3 | | | |
| 2 | (2 SETS EA.) (3) 250KCM AL | (2 SETS EA.) 250KCM | #3 | 2 1/2" | PANEL <u>MA</u> | | | 87.2 | | 400 | 3 | | | |
| 3 | (2 SETS EA.) (3) 250KCM AL | (2 SETS EA.) 250KCM | #3 | 2 1/2" | Panel <u>Ma</u> | <u>1</u> | | 100.2 | | 400 | 3 | | | |
| 4 | (3)300KCM AL | 300KCM AL | #4 | 3" | Panel <u>H1</u> | | | 62.0 | | 225 | 3 | | | |
| 5 | (3)300KCM AL | 300KCM AL | #4 | 3" | Panel <u>ra</u> | | | 44.8 | | 225 | 3 | | | |
| 6 | (3)300KCM AL | 300KCM AL | #4 | 3" | Panel <u>ra</u> 1 | 1 | | 46.4 | | 225 | 3 | | | |
| NOTES: | DE A TVSS UNIT FO | OR SERVICE E | NTRANCE | IIAH2 TINII | RF A CURRI | ENT TECHNOLOG | IFS "TG150" | TOTAL CONN | ECTED LO | AD: 340. | 6KVA (94 | 6.1 AMP | S) | |
| | OR EQUAL). | SIN SERVICE E | itiivaltot, | OHII SIIALL | . DE A COMM | LITT ILOUINOLOG | 10100 | TOTAL DEMAI | ND LOAD: | 277. | 6KVA (77 | 1.1 AMP | S) | |

| MAINS: 2 | 2000A MCB (SHIUNT | TRIP) | 1 | OLTAGE: 2 | 208/120V PHASE: 3 | WIRE: 4 | AIC R | ATING: 65 | ,000 Location: Surface |
|-------------------|-------------------------------|------------------------|-------------------|-----------|------------------------------|----------------------|-------------|--------------|-------------------------------|
| CIRCUIT DESIG. | ø CONDUCTORS | NEUTRAL | GND. (CU ONLY) | COND. | SERVING | CONNECTED LOAD (KVA) | FEEDER BREA | KER POLES | NOTES |
| 1 | (3 SETS EA.) (3) 250KCM AL | (3 SETS EA.) 250KCM | #1 | 2 1/2" | TRANSFER SWITCH <u>ATSH2</u> | 165.0 | 600 | 3 | |
| 2 | (2 SETS EA.) (3) 250KCM AL | (2 SETS EA. 250KCM | #3 | 2 1/2" | PANEL <u>MB</u> | 96.2 | 400 | 3 | |
| 3 | (2 SETS EA.) (3) 250KCM AL | (2 SETS EA. 250KCM | #3 | 2 1/2" | PANEL <u>MC</u> | 101.1 | 400 | 3 | |
| 4 | (3) 250KCM AL | 250KCM | #6 | 2 1/2" | PANEL <u>H3</u> | 46.0 | 200 | 3 | |
| 5 | (3)300KCM AL | 300KCM AL | #4 | 3" | Panel <u>rb</u> | 39.9 | 225 | 3 | |
| 6 | (3)300KCM AL | 300KCM AL | #4 | 3" | PANEL <u>RC</u> | 49.1 | 225 | 3 | |
| 7 | (2 SETS EA.) (3) 250KCM AL | (2 SETS EA.) 250KCM | 1 #3 | 2 1/2" | PANEL <u>MD</u> | 93.9 | 400 | 3 | |
| 8 | (2 SETS EA.) (3) 250KCM AL | (2 SETS EA. 250KCM | #3 | 2 1/2" | TRANSFER SWITCH <u>ATSH4</u> | 98.1 | 400 | 3 | |
| 9 | (3)300KCM AL | 300KCM AL | #4 | 3" | PANEL <u>RD</u> | 45.4 | 225 | 3 | |
| 10 | 3#1/0 CU | #1/0 CU | #8 | 1 1/2" | SURGE SUPPRESSION | | 100 | 3 | |

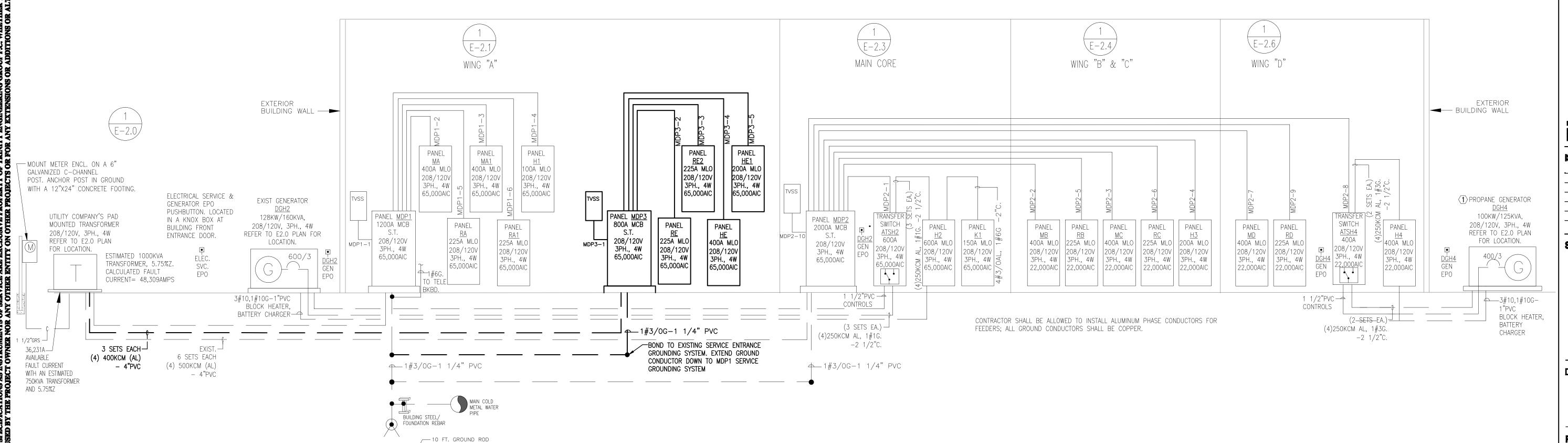
GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE A SCALED FLOOR PLAN LAYOUT OF THE ELECTRICAL ROOMS WITHIN THE BUILDING. PLAN SHALL BE SUBMITTED AND REVIEWED BY THE ENGINEERING DURING THE ELECTRICAL PANEL SHOP DRAWING SUBMITTAL PHASE AND WORK SHALL NOT PROCEED WITHOUT APPROVAL OF SUBMITTAL. PLAN SHALL INDICATE DIMENSIONS OF ELECTRICAL DISTRIBUTION ENCLOSURES AND WORKING CLEARANCES. PLACEMENT OF ELECTRICAL ENCLOSURES SHALL BE COORDINATED WITH OTHER TRADES WITHIN THE SAME ROOM/SPACE.

- 2. ALL ELECTRICAL SERVICE DISCONNECTS SHALL BE BONDED TO A COMMON ELECTRICAL SERVICE GROUND. CONTRACTOR SHALL EXTEND THE SERVICE GROUND TO A COMMON POINT AND EXOTHERMIC WELD ALL CONDUCTORS TO THE ELECTRICAL SERVICE GROUNDING.
- 3. ARC FAULT CIRCUIT BREAKERS SHALL PROVIDED FOR CIRCUITS SERVING THE GUEST RESIDENT ROOM PER THE REQUIREMENTS OF THE NEC.
- 4. THE ELECTRICAL PANELS FED BY THE ATS/GENERATOR SHALL HAVE AN INTEGRAL TVSS UNIT WITHIN THE PANEL. THE TVSS SHALL PROVIDE A 100KA OF PROTECTION PER PHASE.
- 5. TAMPER PROOF RECEPTACLES SHALL BE PROVIDED WITHIN THE RESIDENT ROOMS.
- 6. THE SMOKE DETECTORS SHALL BE AN INTEGRAL PART OF THE LOW VOLTAGE FIRE ALARM SYSTEM. 7. THE GENERATORS SHALL BE PROPANE FUELED; GENERATORS SHALL BE LISTED FOR STAND BY USAGE AND NOT LIFE SAFETY RATED. ALL EMERGENCY EGRESS AND EXIT SIGNAGE SHALL BE PROVIDED WITH 90 MINUTE BATTERY BACK-UP PROVISIONS
- 8. BREAKER COORDINATION OF THE GENERATOR OVER CURRENT PROTECTION SHALL BE DONE DURING THE SHOP DRAWING PHASE BY THE ENGINEER OF RECORD. THE SUB-CONTRACTOR/VENDOR SHALL PROVIDE BREAKER SPECIFICATIONS FOR COORDINATION.
- 9. SERIES RATED PANELS FOR THE INTERRUPTING RATING SHALL BE ACCEPTABLE. THE SUB-CONTRACTOR SHALL PROVIDE EVIDENCE OF THE SERIES RATING DURING THE SHOP DRAWING SUBMITTAL.

| S | MDP3 SERVICE LOAD | MMAF | RY | |
|----------------|-------------------------|----------------------|-----|--------------------|
| MAINS: 800A | VOLTAGE: 208/120V | PHASE: | 3 | WIRE: 4 |
| LOAD TYPE | CONNECTED LOAD (KVA) | VERSITY ACTOR | DEI | MAND LOAD (KVA) |
| LIGHTING | 11.4 | 1.25 | | 14.4 |
| RECEPTACLES | 49.6 | - | | 37.7 |
| HVAC | 139.6 | 1.0 | | 139.6 |
| TOTAL LOAD | 200.6 KVA | | 19 | 91.7 KVA |
| TOTAL AMPERAGE | 557.2 AMPS | | 53 | 2.5 AMPS |

| MAINS: 8 | 00A MCB (SHIUNT | TRIP) | \ | OLTAGE: 2 | 208/120V PHASE: 3 | WIRE: 4 | AIC R | ATING: 65 | ,000 Location: Surface |
|-------------------|-------------------------------|------------------------|-------------------|-----------|--------------------------|----------------------|-------------|--------------|-------------------------------|
| CIRCUIT DESIG. | ø CONDUCTORS | NEUTRAL | GND. (CU ONLY) | COND. | SERVING | CONNECTED LOAD (KVA) | FEEDER BREA | KER POLES | NOTES |
| 1 | 3#1/0 CU | #1/0 CU | #8 | 1 1/2" | SURGE SUPPRESSION | | 100 | 3 | |
| 2 | (3)300KCM AL | 300KCM AL | #4 | 3" | PANEL <u>RE</u> | 24.8 | 225 | 3 | |
| 3 | (3)300KCM AL | 300KCM AL | #4 | 3" | PANEL <u>RE2</u> | 29.8 | 225 | 3 | |
| 4 | (2 SETS EA.) (3) 250KCM AL | (2 SETS EA.) 250KCM | #3 | 2 1/2" | PANEL <u>HE</u> | 96 | 400 | 3 | |
| 5 | (3) 250KCM AL | 250KCM | #6 | 2 1/2" | PANEL <u>HE1</u> | 50 | 200 | 3 | |
| 5 | | | | | SPARE | | 400 | 3 | |





WORKS COBB COUNTY:

1480 Shiloh Road NW Suite #300 Kennesaw, GA 30144 Phone 770.790.3655 Fax 770,790,3650

FANNIN COUNTY: 722 Black Dog Trail P.□. Box 639 Blue Ridge, GA 30513 Phone 706.374.4304

ISSUE: REVISIONS:

SEAL



02.08.2018 DATE: DRAWN BY:

02.08.18

PROJECT NO. SHEET NO.:

EXISTING

PANEL SCHEDULE "MA"

MAIN BUS: COPPER

MOUNTING: SURFACE

LOCATION: X

MAINS: 400A MLO

VOLTAGE: 208/120V

PHASE/WIRE: 3PH, 4W
MIN. AIC RATING: 22,000

| VOLTAGE: PHASE/WIF | -00A ML0 208/120V RE: 3PH, 4W RATING: 22,000 | PANEL | EXI SCI | STING HEDU | G JLE "I | MΑ | MAIN BUS: MOUNTING: LOCATION: | SURFACE | - |
|-----------------------|---|--------|---------------------------------------|---------------------------------------|---------------------------------------|------|---|---------------|----------------|
| | | # | | PHASE LOAI (K.V.A.) | D | # | • | | Ţ |
| AMPS TRIP POLES | DESCRIPTION | CKT. | ØΑ | øΒ | øС | CKT. | DESCRIPTION | POLES | AMDC |
| 30 | 7,000 | 1 | 2.5 / 2.5 | | | 2 | TWU-1 | | Ţ |
| 2 | - TWU-1 | 3 | | 2.5 / 2.5 | | 4 | 1#0-1 | 2 | Γ |
| 30 | TWU-1 | 5 | | | 2.5 / 2.5 | 6 | TWU-1 | | Ţ |
| 2 | 1 WU-1 | 7 | 2.5 / 2.5 | | | 8 | 1110 | 2 | Γ |
| 30 | TWU-1 | 9 | | 2.5 / 2.5 | | 10 | TWU-1 | | |
| 2 | 100-1 | 11 | | | 2.5 / 2.5 | 12 | | 2 | |
| 30 | 1 - TWU-1 | 13 | 2.5 / 2.5 | | | 14 | TWU-1 | | \downarrow |
| / 2 | 1110 | 15 | | 2.5 / 2.5 | | 16 | | 2 | |
| 30 | TWU-1 | 17 | | | 2.5 / 2.5 | 18 | TWU-1 | | \downarrow |
| / 2 | 1110 | 19 | 2.5 / 2.5 | | | 20 | | 2 | Ĺ |
| 30 | TWU-1 | 21 | | 2.5 / 2.5 | | 22 | TWU-1 | | \downarrow |
| 2 | 1,10 | 23 | · · · · · · · · · · · · · · · · · · · | | 2.5 / 2.5 | 24 | | 2 | |
| 30 | TWU-1 | 25 | 2.5 / 2.5 | | | 26 | TWU-1 | | \downarrow |
| 2 | | 27 | | 2.5 / 2.5 | | 28 | | 2 | |
| 30 | TWU-1 | 29 | | | 2.5 / 2.5 | 30 | TWU-1 | | \downarrow |
| 2 | | 31 | 2.5 / 2.5 | | | 32 | | 2 | 퇶 |
| 20 1 | SPACE | 33 | | - / 2.5 | | 34 | TWU-1 | | \downarrow |
| 20 | | 35 | | | 1.2 / 2.5 | 36 | | 2 | \downarrow |
| 4 | CU-9 | 37 | 1.2 / 2.5 | · · · · · · · · · · · · · · · · · · · | | 38 | TWU-1 | | $ \downarrow $ |
| / 3 | | 39 | | 1.2 / 2.5 | · · · · · · · · · · · · · · · · · · · | 40 | | 2 | \downarrow |
| 20 1 | SPARE | 41 | | | - / | 42 | SPARE | 1 | _ |
| 20 1 | SPARE | 43 | 1.1 / - | · · · · · · · · · · · · · · · · · · · | | 44 | SPARE | 1 | - |
| 20 1 | SPARE | 45 | | 1.1 / - | · · · · · · · · · · · · · · · · · · · | 46 | SPARE | 1 | ╀ |
| 20 1 | SPARE | 47 | | | 1.1 / | 48 | SPARE | $\frac{1}{1}$ | - |
| 20 1 | SPARE | 49 | 1.3 / - | 4.7./ | | 50 | SPARE | 1 | - |
| 20 1 | SPARE | 51 | | 1.3 / – | 4.7 | 52 | SPARE | 1 | - |
| 20 1 | SPARE | 53 | | | 1.3 / | 54 | SPARE | 1 | |
| NOTES: | | TOTALS | 35.9 | 33.4 | 30.9 | | ANIFOTED LOAD. 400.0 1014 /0 | 70.7.445 | |
| | | | | | | _ | NNECTED LOAD: 100.2 KVA (2 MAND LOAD: 100.2 KVA (2 | | |

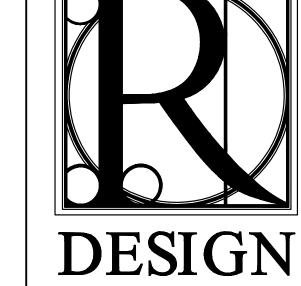
| | GE: :/WIRI | 00A MLO 208/120V E: 3PH, 4W RATING: 22,000 | PANE | L SC | | JLE " | ME | 3" | MAIN BUS: COPF MOUNTING: SURF LOCATION: X | | |
|--------------|-----------------|---|-----------|---------------------------------------|---------------------------------------|---------------------------------------|------|----------------|---|-------------|---------------|
| AMPS TRIP | POLES | | # :: | | PHASE LOA (K.V.A.) |) | T. # | | | POLES | AMPS TRIP |
| | PO | DESCRIPTION | CKT. | ØΑ | øΒ | øС | CKT. | DESC | CRIPTION | 8 | |
| 30 | | TWU-1 | 1 | 2.5 / 2.5 | | | 2 | SPARE | | 1 | 20 |
| | 2 | | 3 | | 2.5 / 2.5 | · · · · · · · · · · · · · · · · · · · | 4 | TWU-1 | | \perp | 30 |
| 30 | \triangle | TWU-1 | 5 | | | 2.5 / 2.5 | 6 | | | 2 | $\overline{}$ |
| _ | 2 | | 7 | 2.5 / 2.5 | · · · · · · · · · · · · · · · · · · · | | 8 | TWU-1 | | \perp | 30 |
| 30 | | TWU-1 | 9 | | 2.5 / 2.5 | | 10 | | | 2 | $\overline{}$ |
| _ | 2 | | 11 | · · · · · · · · · · · · · · · · · · · | | 2.5 / 2.5 | 12 | TWU-1 | | \perp | 30 |
| 30 | | TWU-1 | 13 | 2.5 / 2.5 | | | 14 | | | 2 | <u> </u> |
| _ | 2 | | 15 | | 2.5 / 2.5 | , | 16 | TWU-1 | | \geq | 30 |
| 30 | | TWU-1 | 17 | | | 2.5 / 2.5 | 18 | | | 2 | _ |
| | 2 | | 19 | 2.5 / 2.5 | | | 20 | TWU-1 | | \geq | 30 |
| 30 | | TWU-1 | 21 | | 2.5 / 2.5 | | 22 | | | 2 | <u> </u> |
| | 2 | | 23 | | | 2.5 / 2.5 | 24 | TWU-1 | | \geq | 30 |
| 20 | | | 25 | 1.2 / 2.5 | | | 26 | | | 2 | <u> </u> |
| \angle | | CU-10 | 27 | | 1.2 / 2.5 | · · · · · · · · · · · · · · · · · · · | 28 | TWU-1 | | \setminus | 30 |
| | 3 | | 29 | | | 1.2 / 2.5 | 30 | | | 2 | |
| 35 | | | 31 | 2.0 / 2.5 | | | 32 | TWU-1 | | | 30 |
| | | CU-11 | 33 | | 2.0 / 2.5 | | 34 | 1110 | | 2 | |
| | 3 | | 35 | | | 2.0 / - | 36 | SPARE | | 1 | 20 |
| 15 | | | 37 | - / - | | | 38 | SPARE | | 1 | 20 |
| | | SPARE | 39 | | - / - | | 40 | SPARE | | 1 | 20 |
| | 3 | | 41 | | | - / - | 42 | SPARE | | 1 | 20 |
| 30 | | TML 4 | 43 | 2.5 / - | | | 44 | SPARE | | 1 | 20 |
| | 2 | TWU-1 | 45 | | 2.5 / - | | 46 | SPARE | | 1 | 20 |
| 30 | $\overline{\ }$ | TWO 4 | 47 | | | 2.5 / - | 48 | SPARE | | 1 | 20 |
| | 2 | TWU-1 | 49 | 2.5 / - | | | 50 | SPARE | | 1 | 20 |
| 30 | $\overline{}$ | | 51 | | 2.5 / – | | 52 | SPARE | | 1 | 20 |
| | 2 | TWU-1 | 53 | | | 2.5 / - | 54 | SPARE | | 1 | 20 |
| NOT | ES: | | TOTALS | 32.9 | 32.9 | 30.4 | | | | | |
| 1. | | | | | | | | ONNECTED LOAD: | 96.2 KVA (267.2 A | | |

| VOLTAG PHASE, | E: /WIRI | 00A MLO 208/120V E: 3PH, 4W RATING: 22,000 | PANE | EXI L SC | ISTIN(HED! | G JLE " | MC | 3 7 | MAIN BUS: (MOUNTING: S LOCATION: X | SURFACE |
|------------------|-------------|---|----------------------------------|-------------|-----------------------|------------|------|---|-------------------------------------|---------|
| PS P | ES | | # | | PHASE LOA (K.V.A.) | D | # | | | POLES |
| AMPS | POLES | DESCR | IPTION \(\frac{\frac{1}{5}}{5}\) | ØΑ | øΒ | øС | CKT. | DES | CRIPTION | IO. |
| 30 | \triangle | TWU-1 | 1 | 2.5 / 2.5 | | | 2 | TWU-1 | | |
| | 2 | 1110 1 | 3 | | 2.5 / 2.5 | | 4 | | | 2 |
| 30 | \triangle | TWU-1 | 5 | | | 2.5 / 2.5 | 6 | TWU-1 | | |
| | 2 | 1110 1 | 7 | 2.5 / 2.5 | | | 8 | | | 2 |
| 30 | | TWU-1 | 9 | | 2.5 / 2.5 | | 10 | TWU-1 | | |
| | 2 | 1110 1 | 11 | | | 2.5 / 2.5 | 12 | | | 2 |
| 30 | | TWU-1 | 13 | 2.5 / 2.5 | | | 14 | TWU-1 | | |
| | 2 | 1110 1 | 15 | | 2.5 / 2.5 | | 16 | | | 2 |
| 30 | | TWU-1 | 17 | | | 2.5 / 2.5 | 18 | TWU-1 | | |
| | 2 | 1110 1 | 19 | 2.5 / 2.5 | | | 20 | | | 2 |
| 30 | | TWU-1 | 21 | | 2.5 / 2.5 | | 22 | TWU-1 | | |
| | 2 | 1110 1 | 23 | | | 2.5 / 2.5 | 24 | | | 2 |
| 30 | | TWU-1 | 25 | 2.5 / 2.5 | | | 26 | TWU-1 | | |
| | 2 | 1W0-1 | 27 | | 2.5 / 2.5 | | 28 | 1113 | | 2 |
| 20 | 1 | SPARE | 29 | | | _ / 2.5 | 30 | TWU-1 | | |
| 35 | \triangle | | 31 | 1.2 / 2.5 | | | 32 | 1110 | | 2 |
| | | CU-13 | 33 | | 1.2 / 1.8 | | 34 | | | |
| / | 3 | | 35 | | | 1.2 / 1.8 | 36 | CU-15 | | |
| 20 | $/\!\!/$ | | 37 | 2.0 / 1.8 | | | 38 | | | 3 |
| | | CU-12 | 39 | | 2.0 / 2.5 | | 40 | TWU-1 | | |
| | 3 | | 41 | | | 2.0 / 2.5 | 42 | | | 2 |
| 20 | 1 | SPARE | 43 | - /2.5 | | | 44 | TWU-1 | | |
| 20 | 1 | SPARE | 45 | | - /2.5 | | 46 | 1 WO = 1 | | 2 |
| 20 | 1 | SPARE | 47 | | | _ / 2.5 | 48 | TWU-1 | | |
| 20 | 1 | SPARE | 49 | - /2.5 | | | 50 | WO- | | 2 |
| 20 | 1 | SPARE | 51 | | -/- | | 52 | SPARE | | 1 |
| 20 | 1 | SPARE | 53 | | | -/- | 54 | SPARE | | 1 |
| NOTE | ES: | | TOTALS | 36.2 | 33.7 | 31.2 | | | | |
| 1. | | | | | | | CO | NNECTED LOAD: | 101.1 (280.8 | AMPS) |
| | | | | | | | DF | MAND LOAD: | 101.1 (280.8 / | AMPS) |

| MAINS: 4 VOLTAGE: PHASE/WIR MIN. AIC | 208/120V RE: 3PH, 4W | PANEI | _ SC | | JLE " | ME |) " | MAIN BUS: CO MOUNTING: SU LOCATION: X | | |
|---|-------------------------|--------|-----------|-----------------------|-----------|--------|----------------|---------------------------------------|--------------|------------|
| AMPS TRIP POLES | DESCR | CKT. | ØΑ | PHASE LOA (K.V.A.) |) øc | CKT. # | DES | CRIPTION | POLES | AMPS |
| 30 | | 1 | 2.5 / - | | | 2 | | | | |
| 2 | TWU-1 | 3 | | 2.5 / 2.5 | | 4 | TWU-1 | | $ \uparrow $ | 3 |
| 30 | T.W. 4 | 5 | | | 2.5 / 2.5 | 6 | IWU-I | | 2 | |
| 2 | TWU-1 | 7 | 2.5 / 2.5 | | | 8 | TWU-1 | | | 3 |
| 30 | TWU-1 | 9 | | 2.5 / 2.5 | | 10 | 1110-1 | | 2 | |
| 2 | 1W0-1 | 11 | | | 2.5 / 2.5 | 12 | TWU-1 | | | 3 |
| 30 | TWU-1 | 13 | 2.5 / 2.5 | | | 14 | 1110 1 | | 2 | |
| 2 | 1₩0-1 | 15 | | 2.5 / 2.5 | | 16 | TWU-1 | | | 3 |
| 30 | TWU-1 | 17 | | | 2.5 / 2.5 | 18 | | | 2 | |
| 2 | 1,100 | 19 | 2.5 / 2.5 | | | 20 | TWU-1 | | | 3 |
| 30 | TWU-1 | 21 | | 2.5 / 2.5 | | 22 | | | 2 | |
| 2 | 1,10 | 23 | | | 2.5 / 2.5 | 24 | TWU-1 | | | 3 |
| 30 | TWU-1 | 25 | 2.5 / 2.5 | | | 26 | | | 2 | |
| 2 | | 27 | | 2.5 / 2.5 | | 28 | TWU-1 | | | 3 |
| 30 | TWU-1 | 29 | | | - / 2.5 | 30 | | | 2 | |
| 2 | | 31 | - / 2.5 | , | | 32 | TWU-1 | | | 3 |
| 30 | TWU-1 | 33 | | 2.5 / 2.5 | | 34 | | | 2 | igspace |
| 2 | | 35 | | | 2.5 / - | 36 | SPARE | | \downarrow | 2 |
| 20 1 | SPARE | 37 | 2.5 / 2.0 | | | 38 | | | | 3 |
| 100 | | 39 | | 2.5 / 2.0 | | 40 | CU-16 | | | 4 |
| 4_ | MD-1 | 41 | / | | 2.5 / 2.0 | 42 | | | 3 | <u> </u> |
| 3 | | 43 | 2.5 / 2.5 | / | | 44 | TWU-1 | | | 3 |
| 30 | TWU-1 | 45 | | 2.5 / 2.5 | 05/05 | 46 | | | 2 | <u>⊢`</u> |
| 70 2 | | 47 | 0.5 / 0.5 | | 2.5 / 2.5 | 48 | TWU-1 | | | 3 |
| 30 | TWU-1 | 49 | 2.5 / 2.5 | 0.5 / | | 50 | | | 2 | \vdash |
| 20 1 | CDADE | 51 | | 2.5 / - | | 52 | TWU-1 | | | 3 |
| 20 1 | SPARE | 53 | 70.5 | 40.0 | - / - | 54 | | | 2 | |
| NOTES: | l | TOTALS | 39.5 | 42.0 | 34.5 | | NINICOTED LOAD | 1100 104 /000 | | |
| | | | | | | CO | NNECTED LOAD: | 116.0 KVA (260. | ŏ AMP | <u>'S)</u> |

TRINITY
ENGINEERING
GROUP

1081 THOMPSON BRIDGE RD
GAINESVILLE, GA 30501
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FAX: (770) 535-0037



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Kennesaw, GA 30144 Phone 770,790,3655

Fax 770,790,3650

FANNIN COUNTY:
722 Black Dog Trail
P.O. Box 639
Blue Ridge, GA 30513

P.D. Box 639
Blue Ridge, GA 30513
Phone 706.374.4304

DE RIDGE ASSISTED LIVING & MEMORY CARE DE RIDGE ASSISTED LIVING & MEMORY CARE DE RIDGE, GA 30513

ij E SSUE: REVIS

ISSUE: REVISIONS:

SEAL



DRAWN BY: DA

02.08.18

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PROJECT NO. SHEET NO.:

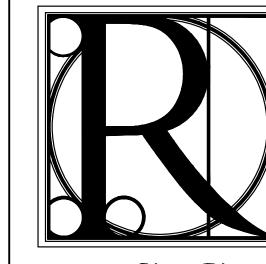
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E: Feb 08, 2018 DIRECTORY: F:\2017-096

| | GE: :/WIR | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 | PANE | | | ULE ' | 'R/ | \ " | MAIN BUS: MOUNTING: LOCATION: | SURFACE | : |
|--|--|--|---|--|---|---|---|---|---|---|---------------|
| AMPS TRIP | POLES | DESCRIPTION | CKT. # | ØΑ | PHASE LOA (K.V.A.) ØB | D ØC | CKT. # | DESC | CRIPTION | POLES | ZMPS |
| 20 | 1 | WING A PLAN D | 1 | 1.1 / - | | | 2 | SPARE | | 1 | |
| 20 | 1 | | 3 | | 1.4 / 1.1 | 0.4/1.4 | 4 | WING A PLAN D | | 1 | - |
| 20 | 1 | | 5 | 1.2 / 0.4 | | 0.4/ 1.4 | 6 | | | $\frac{1}{1}$ | |
| 20 | 1 | | 9 | 1.2 / 0.4 | 1.2 / 1.2 | | 10 | | | 1 | |
| 20 | 1 | WING A PLAN A | 11 | | | 0.5 / 1.2 | 12 | | | 1 | t |
| 20 | 1 | | 13 | 1.4 / 0.5 | | | 14 | WING A PLAN A | | 1 | $^{+}$ |
| 20 | 1 | | 15 | | 0.2 / 1.4 | | 16 | | | 1 | t |
| 20 | 1 | • | 17 | | | 1.0 / 0.2 | 18 | | | 1 | |
| 20 | 1 | WING A PLAN A | 19 | 0.5 / 1.0 | · · · · · · · · · · · · · · · · · · · | | 20 | , | | 1 | L |
| 20 | 1 | | 21 | | 1.4 / 0.5 | | 22 | WING A PLAN B | | 1 | \downarrow |
| 20 | 1 | | 23 | 1.0 / 0.0 | | 0.2 / 1.8 | 24 | | | 1 | \downarrow |
| 20 | 1 | WING A PLAN A | 25 27 | 1.0 / 0.2 | 0.5 / 0.5 | | 26 28 | WIND A DIANI D | | | |
| 20 | 1 | WING A PLAN A | 29 | | 0.5 / 0.5 | 1.4 / 1.8 | 30 | WING A PLAN B | | 1 | $\frac{1}{1}$ |
| 20 | 1 | | 31 | 0.2 / 0.2 | | | 32 | | | 1 | + |
| 20 | 1 | | 33 | | 1.0 / 0.5 | | 34 | WING A PLAN A | | 1 | t |
| 20 | 1 | WING A PLAN A | 35 | | | 0.5 / 1.4 | 36 | | | 1 | t |
| 20 | 1 | | 37 | 1.4 / 0.2 | | | 38 | | | 1 | |
| 20 | 1 | | 39 | | 0.2 / 1.0 | | 40 | • | | 1 | |
| 20 | 1 | • | 41 | · · · · · · · · · · · · · · · · · · · | | 1.0 / 1.1 | 42 | WING A PLAN D | | 1 | L |
| 20 | 1 | WING A PLAN D | 43 | 1.1 / 1.4 | | | 44 | | | 1 | \downarrow |
| 20 | 1 | | 45 | | 1.4 / 0.4 | 0.4/1.0 | 46 | | | $\frac{1}{1}$ | ╀ |
| 20 | 1 | | 47 | 1.2 / 1.2 | | 0.4 / 1.2 | 48 50 | | | 1 | + |
| 20 | <u> </u> | | | 1,2 / 1,2 | | | | • | | | ╄ |
| 20 | 1 | | I 51 | | 1.2 / - | | 52 | I SPARF | | 1 1 | |
| 20 20 NOT 1. | 1 1 ES: | V SPARE | 51 53 TOTALS | 14.2 | 1.2 / - | - / - 15.5 | | SPARE SPARE ONNECTED LOAD: MAND LOAD: | 44.8 KVA (12 33.0 KVA (91 | | S) |
| 20 NOT | : 2 GE: | 25A MLO 208/120V | 53 | E | 15.1 | 15.5 VG | CC DE | SPARE ONNECTED LOAD: EMAND LOAD: | • | .6 AMPS) |) |
| NOT 1. MAINS VOLTA PHASE MIN. | : 2 GE: :/WIR | 25A MLO 208/120V | TOTALS | EL SC | 15.1 EXISTII | NG ULE | CC DE | SPARE ONNECTED LOAD: EMAND LOAD: | 33.0 KVA (91 | .6 AMPS) COPPER SURFACE X | S)) |
| 20 NOT 1. MAINS VOLTA PHASE | : 2 GE: :/WIR | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 | TOTALS PANE | EL SC | 15.1 EXISTIC HED PHASE LOA (K.V.A.) | NG ULE | 54 CC DE | SPARE ONNECTED LOAD: MAND LOAD: 1" | 33.0 KVA (91 MAIN BUS: MOUNTING: | .6 AMPS) COPPER SURFACE | S)) |
| NOT 1. MAINS VOLTA PHASE MIN. | 2 GE: :/WIR | 25A MLO 208/120V E: 3PH, 4W | TOTALS | EL SC | 15.1 EXISTII | NG ULE | 54 CC DE | SPARE ONNECTED LOAD: MAND LOAD: 1" | MAIN BUS: MOUNTING: LOCATION: | .6 AMPS) COPPER SURFACE X | S) |
| NOT 1. MAINS VOLTA PHASE MIN. A | : 2 GE: :/WIR | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 | TOTALS PANE | EL SC | 15.1 EXISTIC HED PHASE LOA (K.V.A.) | NG ULE | 54 CCC DE | SPARE ONNECTED LOAD: MAND LOAD: 1" DESC | MAIN BUS: MOUNTING: LOCATION: | .6 AMPS) COPPER SURFACE X | S)) |
| NOT 1. MAINS VOLTA PHASE MIN. A | : 2 GE: :/WIR | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE | PANE #: 130 | EL SC | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB | NG ULE | 54 CCC DE # :1X0 2 | SPARE ONNECTED LOAD: MAND LOAD: 1" DESC | MAIN BUS: MOUNTING: LOCATION: | .6 AMPS) COPPER SURFACE X | S) |
| NOT 1. MAINS VOLTA PHASE MIN. A | : 2 GE: :/WIR | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING | PANE # S 1 3 | EL SC | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB | 15.5 | 7 H 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | SPARE ONNECTED LOAD: MAND LOAD: 1" DESC LIGHTING SITE LIGHTING | MAIN BUS: MOUNTING: LOCATION: | .6 AMPS) COPPER SURFACE X | S) |
| MAINS VOLTA PHASE MIN. A 20 20 20 20 20 20 20 | : 2 GE: :/WIR | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—A NURSING | #: 130 | ØA 1.4 / 1.0 | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB | 15.5 NG ULE 0 0.4 / 1.2 | "H : 1X3 2 4 6 8 10 | SPARE ONNECTED LOAD: MAND LOAD: To DESCRIPTING SITE LIGHTING SITE LIGHTING SITE LIGHTING SITE LIGHTING FRONT CANOPY L | MAIN BUS: MOUNTING: LOCATION: | .6 AMPS) COPPER SURFACE X | S) |
| NOT 1. MAINS VOLTA PHASE MIN. 20 20 20 20 20 | 2 GE: AIC I 1 1 | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—A NURSING RECEPT.—WASHER | #: Hand | øA 1.4 / 1.0 | TISTICATE LOA (K.V.A.) ### O.6 1.7 | 15.5 | "H : LXO 2 4 6 8 10 12 | SPARE ONNECTED LOAD: MAND LOAD: To DESCRIPTING SITE LIGHTING SITE LIGHTING SITE LIGHTING | MAIN BUS: MOUNTING: LOCATION: | .6 AMPS) COPPER SURFACE X 1 1 1 1 | S) |
| NOT 1. MAINS VOLTA PHASE MIN. 20 20 20 20 20 30 | : 2 GE: :/WIR | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—A NURSING RECEPT.—WASHER RECEPT—WASHER | # : 3 PANE # : 3 1 3 5 7 9 11 13 | ØA 1.4 / 1.0 | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB 0.6 / 1.7 | 15.5 NG ULE 0 0.4 / 1.2 | "H": 130 2 4 6 8 10 12 14 | SPARE ONNECTED LOAD: MAND LOAD: I" DESCRIPTING SITE LIGHTING SITE LIGHTING SITE LIGHTING FRONT CANOPY LE RECEPT.—DRYER | MAIN BUS: MOUNTING: LOCATION: | .6 AMPS) COPPER SURFACE X | S) |
| NOT 1. MAINS VOLTA PHASE MIN. 20 20 20 20 20 20 | 2 | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—A NURSING RECEPT.—WASHER RECEPT—WASHER | #: JX) PANE 1 | øA 1.4 / 1.0 | TISTICATE LOA (K.V.A.) ### O.6 1.7 | 15.5 NG ULE 0 | "H 1XXX 2 4 6 8 10 12 14 16 | SPARE ONNECTED LOAD: MAND LOAD: To DESCRIPTING SITE LIGHTING SITE LIGHTING SITE LIGHTING SITE LIGHTING FRONT CANOPY L | MAIN BUS: MOUNTING: LOCATION: | .6 AMPS) COPPER SURFACE X 1 1 1 1 2 | S) |
| NOT 1. MAINS VOLTA PHASE MIN. 20 20 20 20 20 30 | 2 GE: AIC I 1 1 | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—A NURSING RECEPT.—WASHER RECEPT—WASHER RECEPT.—DRYER RECEPT.—DRYER | # : 3 PANE # : 3 1 3 5 7 9 11 13 | øA 1.4 / 1.0 | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB 0.6 / 1.7 | 15.5 NG ULE 0 0.4 / 1.2 | "H": 130 2 4 6 8 10 12 14 | DINNECTED LOAD: MAND LOAD: To DESCRIPTING SITE LIGHTING SITE LIGHTING SITE LIGHTING SITE LIGHTING RECEPT.—DRYER RECEPT.—DRYER | MAIN BUS: MOUNTING: LOCATION: CRIPTION | .6 AMPS) COPPER SURFACE X 1 1 1 1 | S) |
| 20 NOT 1. MAINS VOLTA PHASE MIN. 20 20 20 20 20 30 30 | 2 | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—A NURSING RECEPT.—WASHER RECEPT.—WASHER RECEPT.—DRYER | TOTALS PANE *** 13 5 7 9 11 13 15 17 | øA 1.4 / 1.0 1.5 / 1.2 | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB 0.6 / 1.7 | 15.5 NG ULE 0 | 54 CCC DE #: LYX) 2 4 6 8 10 12 14 16 18 | SPARE ONNECTED LOAD: MAND LOAD: I" DESCRIPTING SITE LIGHTING SITE LIGHTING SITE LIGHTING FRONT CANOPY LE RECEPT.—DRYER | MAIN BUS: MOUNTING: LOCATION: CRIPTION | .6 AMPS) COPPER SURFACE X 1 1 1 1 2 | S) |
| 20 NOT 1. MAINS VOLTA PHASE MIN. 20 20 20 20 20 20 20 20 20 20 20 20 20 | 2 | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—A NURSING RECEPT.—WASHER RECEPT.—WASHER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—DRYER | TOTALS PANE *** LY3 1 3 5 7 9 11 13 15 17 19 | øA 1.4 / 1.0 1.5 / 1.2 | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB 0.6 / 1.7 1.5 / 1.5 | 15.5 NG ULE 0 | 54 CCC DE # : LYO 2 4 6 8 10 12 14 16 18 20 | SPARE DINNECTED LOAD: MAND LOAD: TO DESCRIPTIONS SITE LIGHTING SITE LIGHTING SITE LIGHTING FRONT CANOPY LE RECEPT.—DRYER RECEPT.—DRYER | MAIN BUS: MOUNTING: LOCATION: CRIPTION | .6 AMPS) COPPER SURFACE X 1 1 1 1 2 | S) |
| 20 NOT 1. MAINS VOLTA PHASE MIN. 20 20 20 20 20 20 20 20 20 20 20 20 20 | 2 | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—A NURSING RECEPT.—WASHER RECEPT.—WASHER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—A CORRIDOR RECEPT.—A COMMON SPACE | FANE ##. 13 53 FANE 11 3 5 7 9 11 13 15 17 19 21 | øA 1.4 / 1.0 1.5 / 1.2 | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB 0.6 / 1.7 1.5 / 1.5 | 15.5 NG ULE 0 | # : LYO 2 4 6 8 10 12 14 16 18 20 22 | SPARE DINNECTED LOAD: MAND LOAD: TO DESCRIPTIONS SITE LIGHTING SITE LIGHTING SITE LIGHTING FRONT CANOPY LE RECEPT.—DRYER RECEPT.—DRYER RECEPT.—WASHER RECEPT.—WASHER | MAIN BUS: MOUNTING: LOCATION: CRIPTION | .6 AMPS) COPPER SURFACE X 1 1 1 1 2 | S) |
| 20 NOT 1. MAINS VOLTA PHASE MIN. 20 20 20 20 20 20 20 20 20 20 20 20 20 | 2 | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—A NURSING RECEPT.—WASHER RECEPT.—WASHER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—A CORRIDOR RECEPT.—A COMMON SPACE ATTIC MECH. ROOM | TOTALS PANE ** 1 3 5 7 9 11 13 15 17 19 21 23 | øA 1.4 / 1.0 1.5 / 1.2 1.2 / 1.5 | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB 0.6 / 1.7 1.5 / 1.5 | 15.5 NG ULE 0 | ## :\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | SPARE ONNECTED LOAD: MAND LOAD: I" DESCRIPTING SITE LIGHTING SITE LIGHTING SITE LIGHTING FRONT CANOPY LE RECEPT.—DRYER RECEPT.—DRYER RECEPT.—WASHER RECEPT.—WASHER SPARE | MAIN BUS: MOUNTING: LOCATION: CRIPTION | .6 AMPS) COPPER SURFACE X 1 1 1 1 2 | S) |
| 20 NOT 1. MAINS VOLTA PHASE MIN. 20 20 20 20 20 20 20 20 20 20 20 20 20 | 2 | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—WASHER RECEPT.—WASHER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—A CORRIDOR RECEPT.—A COMMON SPACE ATTIC MECH. ROOM RECEPT.— CORRIDOR RECEPT.— CORRIDOR RECEPT.—LAUNDRY SPARE | 53 TOTALS FANE #: 130 100 | øA 1.4 / 1.0 1.5 / 1.2 1.2 / 1.5 | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB 0.6 / 1.7 1.5 / 1.5 0.4 / 1.5 | 15.5 NG ULE 0 | # : LY3 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 | DINNECTED LOAD: MAND LOAD: DESCRIPTING SITE LIGHTING SITE LIGHTING SITE LIGHTING FRONT CANOPY LE RECEPT.—DRYER RECEPT.—DRYER RECEPT.—WASHER SPARE SPARE SPARE SPARE | MAIN BUS: MOUNTING: LOCATION: CRIPTION | .6 AMPS) COPPER SURFACE X 1 1 1 1 2 | S) |
| 20 NOT 1. MAINS VOLTA PHASE VIIN. 20 20 20 20 20 20 20 20 20 20 20 20 20 | 2 | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—WASHER RECEPT.—WASHER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—A CORRIDOR RECEPT.—A COMMON SPACE ATTIC MECH. ROOM RECEPT.—CORRIDOR RECEPT.—LAUNDRY SPARE SPARE | 53 TOTALS | øA 1.4 / 1.0 1.5 / 1.2 1.2 / 1.5 | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB 0.6 / 1.7 1.5 / 1.5 0.4 / 1.5 | 15.5 NG ULE 0 | #: LYO 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 | DNNECTED LOAD: MAND LOAD: I" DESCRIPTING SITE LIGHTING SITE LIGHTING SITE LIGHTING SITE LIGHTING FRONT CANOPY LE RECEPT.—DRYER RECEPT.—DRYER RECEPT.—WASHER SPARE SPARE SPARE SPARE SPARE | MAIN BUS: MOUNTING: LOCATION: CRIPTION | .6 AMPS) COPPER SURFACE X 1 1 1 1 1 1 1 1 1 1 1 1 | S) |
| 20 NOT 1. MAINS VOLTA PHASE MIN. 20 20 20 20 20 20 20 20 20 20 20 20 20 | 2 | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—WASHER RECEPT.—WASHER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—A CORRIDOR RECEPT.—A COMMON SPACE ATTIC MECH. ROOM RECEPT.— CORRIDOR RECEPT.—LAUNDRY SPARE SPARE SPARE | TOTALS TOTALS | øA 1.4 / 1.0 1.5 / 1.2 1.2 / 1.5 | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB 0.6 / 1.7 1.5 / 1.5 0.4 / 1.5 | 15.5 NG ULE 0.4 / 1.2 1.5 / 1.5 1.5 / 1.5 | ## :\x\> 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 | DINNECTED LOAD: MAND LOAD: DESCRIPTING SITE LIGHTING SITE LIGHTING SITE LIGHTING SITE LIGHTING FRONT CANOPY LE RECEPT.—DRYER RECEPT.—DRYER RECEPT.—WASHER RECEPT.—WASHER SPARE SPARE SPARE SPARE SPARE SPARE | MAIN BUS: MOUNTING: LOCATION: CRIPTION | .6 AMPS) COPPER SURFACE X 1 1 1 1 2 | S) |
| 20 NOT 1. MAINS VOLTA PHASE MIN. 20 20 20 20 20 20 20 20 20 20 20 20 20 | 2 | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—WASHER RECEPT.—WASHER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—A CORRIDOR RECEPT.—A COMMON SPACE ATTIC MECH. ROOM RECEPT.— CORRIDOR RECEPT.—LAUNDRY SPARE SPARE SPARE SPARE | TOTALS PANE 1 3 1 3 5 7 9 11 13 15 17 19 21 21 23 25 27 29 31 33 35 | ØA 1.4 / 1.0 1.5 / 1.2 1.6 / - / 5.6 | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB 0.6 / 1.7 1.5 / 1.5 0.4 / 1.5 | 15.5 NG ULE 0 | # 1y0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 | DINNECTED LOAD: MAND LOAD: DESCRIPTING SITE LIGHTING SITE LIGHTING SITE LIGHTING SITE LIGHTING FRONT CANOPY LE RECEPT.—DRYER RECEPT.—DRYER RECEPT.—WASHER RECEPT.—WASHER SPARE SPARE SPARE SPARE SPARE SPARE | MAIN BUS: MOUNTING: LOCATION: CRIPTION | .6 AMPS) COPPER SURFACE X 1 1 1 1 1 1 1 1 1 1 1 1 | S) |
| 20 NOT 1. MAINS VOLTA PHASE MIN. 20 20 20 20 20 20 20 20 20 20 20 20 20 | 2 | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—WASHER RECEPT.—WASHER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—A CORRIDOR RECEPT.—A COMMON SPACE ATTIC MECH. ROOM RECEPT.—CORRIDOR RECEPT.—LAUNDRY SPARE SPARE SPARE SPARE SPARE SPARE | 53 TOTALS 3 | ## A | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB 0.6 / 1.7 1.5 / 1.5 0.4 / 1.5 | 15.5 NG ULE 0.4 / 1.2 1.5 / 1.5 1.5 / 1.5 | # : LYO 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 | DINNECTED LOAD: MAND LOAD: DESCRIPTING SITE LIGHTING SITE LIGHTING SITE LIGHTING FRONT CANOPY LE RECEPT.—DRYER RECEPT.—DRYER RECEPT.—WASHER SPARE SPARE SPARE SPARE FURN—7 FURN—8 | MAIN BUS: MOUNTING: LOCATION: CRIPTION | .6 AMPS) COPPER SURFACE X 1 1 1 1 1 1 1 1 1 1 1 1 | S) SdWV |
| 20 NOT 1. MAINS VOLTA PHASE MIN. 20 20 20 20 20 20 20 20 20 20 20 20 20 | 2 | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—WASHER RECEPT.—WASHER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—A CORRIDOR RECEPT.—A COMMON SPACE ATTIC MECH. ROOM RECEPT.— CORRIDOR RECEPT.—LAUNDRY SPARE SPARE SPARE SPARE | TOTALS TOTALS | ØA 1.4 / 1.0 1.5 / 1.2 1.6 / - / 5.6 | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB 0.6 1.7 1.5 1.5 0.4 1.5 0.6 - | 15.5 NG ULE 0.4 / 1.2 1.5 / 1.5 1.5 / 1.5 | # 1y0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 | DINNECTED LOAD: MAND LOAD: DESCRIPTING SITE LIGHTING SITE LIGHTING SITE LIGHTING FRONT CANOPY LE RECEPT.—DRYER RECEPT.—DRYER RECEPT.—WASHER RECEPT.—WASHER SPARE SPARE SPARE SPARE FURN—7 | MAIN BUS: MOUNTING: LOCATION: CRIPTION | .6 AMPS) COPPER SURFACE X 1 1 1 1 1 1 1 1 1 1 1 1 | S)) |
| 20 NOT 1. MAINS VOLTA PHASE MIN. 20 20 20 20 20 20 20 20 20 20 20 20 20 | 2 GE: 2 SITUAL 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—WASHER RECEPT.—WASHER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—A CORRIDOR RECEPT.—A COMMON SPACE ATTIC MECH. ROOM RECEPT.—CORRIDOR RECEPT.—LAUNDRY SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SITE LIGHTING | TOTALS TOTALS | ØA 1.4 / 1.0 1.5 / 1.2 1.6 / - / 5.6 | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB 0.6 1.7 1.5 1.5 0.4 1.5 0.6 - | 15.5 NG ULE 0.4 / 1.2 1.5 / 1.5 1.5 / 1.5 - / - | #: LY3 | DINNECTED LOAD: MAND LOAD: DESCRIPTING SITE LIGHTING SITE LIGHTING SITE LIGHTING FRONT CANOPY LE RECEPT.—DRYER RECEPT.—DRYER RECEPT.—WASHER SPARE SPARE SPARE SPARE FURN—7 FURN—8 | MAIN BUS: MOUNTING: LOCATION: CRIPTION | .6 AMPS) COPPER SURFACE X 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | S) SdWV |
| 20 NOT 1. MAINS VOLTA PHASE MIN. 20 20 20 20 20 20 20 20 20 20 20 20 20 | 2 GE: 2 SITUAL 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 DESCRIPTION RECEPT.—A COMMON SPACE RECEPT.—A NURSING RECEPT.—WASHER RECEPT.—WASHER RECEPT.—DRYER RECEPT.—DRYER RECEPT.—A CORRIDOR RECEPT.—A COMMON SPACE ATTIC MECH. ROOM RECEPT.—CORRIDOR RECEPT.—LAUNDRY SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SITE LIGHTING | 53 TOTALS | øA 1.4 / 1.0 1.5 / 1.2 1.6 / - - / 5.6 | 15.1 EXISTI HED PHASE LOA (K.V.A.) ØB 0.6 / 1.7 1.5 / 1.5 0.4 / 1.5 0.6 / - - / 5.6 | 15.5 NG ULE 0.4 / 1.2 1.5 / 1.5 1.5 / 1.5 - / - 0.4 / 5.6 | ## : JX) 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 | DINNECTED LOAD: MAND LOAD: DESCRIPTING SITE LIGHTING SITE LIGHTING SITE LIGHTING FRONT CANOPY LE RECEPT.—DRYER RECEPT.—DRYER RECEPT.—WASHER SPARE SPARE SPARE SPARE FURN—7 FURN—8 | MAIN BUS: MOUNTING: LOCATION: CRIPTION | .6 AMPS) COPPER SURFACE X 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |

| | GE: /WIR | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 | PANEI | | XISTII | | RA | \1 " | MAIN BUS: COPPE MOUNTING: SURFA LOCATION: X | | |
|------------------|-------------|---|--------|-----------|---------------------------------------|-----------|------|---------------------------------------|---|-------|--------------|
| S | S | | # | | PHASE LOAI (K.V.A.) |) | # | | | S | S |
| AMPS TRIP | POLES | DESCRIPTIO | OKT. | ØΑ | ØB | ФC | CKT. | DESC | RIPTION | POLES | AMPS TRIP |
| 20 | 1 | WING A PLAN C | 1 | 0.9 / - | | | 2 | SPARE | | 1 | 20 |
| 20 | 1 | | 3 | | 1.8 / 0.9 | | 4 | WING A PLAN C | | 1 | 20 |
| 20 | 1 | | 5 | | | 0.2 / 1.8 | 6 | | | 1 | 20 |
| 20 | 1 | • | 7 | 1.4 / 0.2 | | | 8 | | | 1 | 20 |
| 20 | 1 | WING A PLAN A | 9 | | 0.5 / 1.4 | | 10 | | | 1 | 20 |
| 20 | 1 | | 11 | | | 1.4 / 0.5 | 12 | WING A PLAN A | | 1 | 20 |
| 20 | 1 | | 13 | 0.2 / 1.4 | | | 14 | | | 1 | 20 |
| 20 | 1 | | 15 | | 1.0 / 0.2 | | 16 | | | 1 | 20 |
| 20 | 1 | WING A PLAN A | 17 | | | 0.5 / 1.0 | 18 | | | 1 | 20 |
| 20 | 1 | | 19 | 1.4 / 0.5 | | | 20 | WING A PLAN B | | 1 | 20 |
| 20 | 1 | | 21 | | 0.2 / 1.8 | | 22 | | | 1 | 20 |
| 20 | 1 | | 23 | | | 1.0 / 0.2 | 24 | | | 1 | 20 |
| 20 | 1 | WING A PLAN A | 25 | 0.5 / 0.5 | | | 26 | WING A PLAN B | | 1 | 20 |
| 20 | 1 | | 27 | | 1.4 / 1.8 | | 28 | | | 1 | 20 |
| 20 | 1 | | 29 | | | 0.2 / 0.2 | 30 | • | | 1 | 20 |
| 20 | 1 | ļ | 31 | 1.0 / 0.5 | | | 32 | WING A PLAN B | | 1 | 20 |
| 20 | 1 | WING A PLAN A | 33 | | 0.5 / 1.8 | | 34 | | | 1 | 20 |
| 20 | 1 | | 35 | | | 1.4 / 0.2 | 36 | • | | 1 | 20 |
| 20 | 1 | | 37 | 0.2 / 0.5 | | | 38 | WING A PLAN A | | 1 | 20 |
| 20 | 1 | ļ . | 39 | | 1.0 / 1.4 | | 40 | | | 1 | 20 |
| 20 | 1 | WING A PLAN A | 41 | | | 0.5 / 0.2 | 42 | | | 1 | 20 |
| 20 | 1 | | 43 | 1.4 / 1.0 | | | 44 | | | 1 | 20 |
| 20 | 1 | | 45 | | 0.2 / 0.9 | | 46 | WING A PLAN C | | 1 | 20 |
| 20 | 1 | • | 47 | | | 1.0 / 1.8 | 48 | | | 1 | 20 |
| 20 | 1 | WING A PLAN C | 49 | 0.9 / 0.2 | | | 50 | | | 1 | 20 |
| 20 | 1 | | 51 | | 1.8 / 1.4 | | 52 | | | 1 | 20 |
| 20 | 1 | | 53 | | | 0.2 / - | 54 | SPARE | | 1 | 20 |
| 20 | 1 | • | 55 | 1.4 / - | | | 56 | SPARE | | 1 | 20 |
| 20 | 1 | SPARE | 57 | | - / - | | 58 | SPARE | | 1 | 20 |
| 20 | 1 | SPARE | 59 | | | - / - | 60 | SPARE | | 1 | 20 |
| 20 | 1 | SPARE | 61 | - / - | · · · · · · · · · · · · · · · · · · · | | 62 | SPARE | | 1 | 20 |
| 20 | 1 | SPARE | 63 | | - / - | | 64 | SPARE | | 1 | 20 |
| 20 | 1 | SPARE | 65 | | | - / - | 66 | SPARE | | 1 | 20 |
| 20 | 1 | SPARE | 67 | - / - | | | 68 | SPARE | | 1 | 20 |
| 20 | 1 | SPARE | 69 | | _ / _ | | 70 | SPARE | | 1 | 20 |
| 20 | 1 | SPARE | 71 | | | - / - | 72 | SPARE | | 1 | 20 |
| NOT 1. | ES: | | TOTALS | 14.1 | 20.0 | 12.3 | = | · · · · · · · · · · · · · · · · · · · | · | | |
| 1. | | | | | | | | ONNECTED LOAD: | 46.4KVA (128.9 AM | | |
| | | | | | | | l DE | MAND LOAD: | 34.0 KVA (94.4 AM | PS) | |

| | GE: :/WIR | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 | PAN | E | | XISTII HEDI | | "RE | | : COPPER : SURFACE X | |
|------|--------------|---|-------|--------|-----------|------------------------------|---------------------------------------|----------|---|----------------------------|------|
| AMPS | POLES | DESCR | PTION | CKT. # | ØΑ | PHASE LOAI (K.V.A.) ØB | øC | CKT. # | DESCRIPTION | POLES | AMPS |
| 20 | 1 | WING B PLAN B | | 1 | 0.5 / - | | | 2 | SPARE | 1 | 20 |
| 20 | 1 | | | 3 | | 1.8 / 1.1 | | 4 | WING B PLAN C | 1 | 20 |
| 20 | 1 | | | 5 | | , | 0.2 / 1.4 | 6 | | 1 | 20 |
| 20 | 1 | WING B PLAN C | | 7 | 0.9 / 0.4 | | | 8 | | 1 | 20 |
| 20 | 1 | | | 9 | | 1.8 / 1.2 | | 10 | , | 1 | 20 |
| 20 | 1 | | | 11 | | | 0.2 / 1.2 | 12 | WING B PLAN B | 1 | 20 |
| 20 | 1 | | | 13 | 1.4 / 0.5 | | | 14 | | 1 | 20 |
| 20 | 1 | WING B PLAN A | | 15 | | 0.5 / 1.4 | | 16 | | 1 | 20 |
| 20 | 1 | | | 17 | | | 1.4 / 0.2 | 18 | WING B PLAN B | 1 | 20 |
| 20 | 1 | | | 19 | 0.2 / 1.0 | | | 20 | | 1 | 20 |
| 20 | 1 | ļ | | 21 | | 1.0 / 0.5 | | 22 | • | 1 | 20 |
| 20 | 1 | WING B PLAN A | | 23 | | | 0.5 / 1.8 | 24 | WING B PLAN B | 1 | 20 |
| 20 | 1 | | | 25 | 1.4 / 0.2 | | | 26 | | 1 | 20 |
| 20 | 1 | | | 27 | | 0.2 / 0.5 | | 28 | | 1 | 20 |
| 20 | 1 | ļ | | 29 | | | 1.0 / 1.8 | 30 | WING B PLAN B | 1 | 20 |
| 20 | 1 | WING B PLAN A | | 31 | 0.5 / 0.2 | | | 32 | | 1 | 20 |
| 20 | 1 | | | 33 | | 1.4 / 0.5 | | 34 | | 1 | 20 |
| 20 | 1 | | | 35 | | | 0.2 / 1.4 | 36 | WING B PLAN C | 1 | 20 |
| 20 | 1 | ļ | | 37 | 1.0 / 0.2 | | | 38 | | 1 | 20 |
| 20 | 1 | WING B PLAN A | | 39 | | 0.5 / 1.0 | | 40 | | 1 | 20 |
| 20 | 1 | | | 41 | | | 1.4 / 1.1 | 42 | | 1 | 20 |
| 20 | 1 | | | 43 | 0.2 / - | | | 44 | SPARE | 1 | 20 |
| 20 | 1 | | | 45 | | 1.0 / - | · · · · · · · · · · · · · · · · · · · | 46 | SPARE | 1 | 20 |
| 20 | 1 | WING B PLAN C | | 47 | | | 0.5 / - | 48 | SPARE | 1 | 20 |
| 20 | 1 | | | 49 | 1.4 / - | | | 50 | SPARE | 1 | 20 |
| 20 | 1 | | | 51 | | 0.2 / - | · · · · · · · · · · · · · · · · · · · | 52 | SPARE | 1 | 20 |
| 20 | 1 | | | 53 | | | 1.0 / - | 54 | SPARE | 1 | 20 |
| NOT | ES: | | TOTA | LS | 10.0 | 14.6 | 15.3 | | | | |
| 1. | | | | | | | | - | NNECTED LOAD: 39.9 KVA (** MAND LOAD: 39.9 KVA (** | | |



COBB COUNTY: 1480 Shiloh Road NW Suite #300 Kennesaw, GA 30144 Phone 770,790,3655 Fax 770,790,3650

FANNIN COUNTY: 722 Black Dog Trail P.O. Box 639 Blue Ridge, GA 30513 Phone 706.374.4304



02.08.18

PROJECT NO. SHEET NO.:

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| ridse z /ELEC/ | | |
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| DIMECTORITY (2017-090 DIMETINGE ASSISTED LIVING- TITUSE 2 (ELEC | | |
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| DAIE: reb 00, 2010 | | |
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DESIGN WORKS

> COBB COUNTY: 1480 Shiloh Road NW Suite #300 Kennesaw, GA 30144 Phone 770,790,3655 Fax 770.790.3650

> FANNIN COUNTY: 722 Black Dog Trail P.□. Box 639

Blue Ridge, GA 30513 Phone 706.374.4304

R MEMORY CARE E RIDGE, GA 30513 BLUE RIDGE ASSISTED L 1600 BALLEWTOWN ROA (FANNIN COUNTY)

ISSUE: REVISIONS:

SEAL



| × | PROTE | 6713 ELP | |
|---|-------|-------------|--------|
| · | , | 02.0 | 8.2018 |

DRAWN BY:

02.08.18

PROJECT NO. SHEET NO.:

1743 **E-0.5**

Copyright © 2017 R Design Works

| | GE: E/WIR | 150A MLO 208/120V E: 3PH, 4W RATING: 22,000 | PANE | | STING | | "K1 | MAIN BUS: MOUNTING: LOCATION: | SURFACE | : |
|-----------------|--------------|--|--------------|-------------|------------------------|---------|------|---------------------------------|-----------|------|
| SS - | .ES | | . # | | PHASE LOAI (K.V.A.) | D | #: | | POLES | AMPS |
| AMPS | POLES | DESCRIPTION | CKT | ØΑ | øΒ | øС | CKT. | DESCRIPTION | POI | AM |
| 20 | 1 | RECEPT- REF. | 1 | 1.0 / 0.8 | | | 2 | RECEPT | 1 | 20 |
| 20 | 1 | RECEPT | 3 | | / | | 4 | SHUNT TRIP | 1 | |
| 20 | 1 | RECEPT- REF. | 5 | | | - / 0.4 | 6 | RECEPT. | 1 | 20 |
| 20 | 1 | RECEPT- FZR. | 7 | 1.0 | | | 8 | SHUNT TRIP | 1 | |
| 20 | 1 | RECEPT- FZR. | 9 | | 1.0 / 0.4 | | 10 | RECEPT. | 1 | 20 |
| 20 | 1 | RECEPT- REF. | 11 | | | 0.2 | 12 | SHUNT TRIP | 1 | |
| 20 | 1 | RECEPT. | 13 | 0.4 / - | | | 14 | KEF-1 UNIT | 1 | 2 |
| 20 | 1 | RECEPT. | 15 | | 0.4 / - | | 16 | SHUNT TRIP | 1 | |
| 20 | 1 | RECEPT. | 17 | | | 0.4 / - | 18 | DEF-1 UNIT | 1 | 2 |
| 20 | 1 | RECEPT. | 19 | 0.4 / - | | | 20 | SHUNT TRIP | 1 | |
| 20 | 1 | SPARE | 21 | | -/- | | 22 | MUA UNIT | 1 | 2 |
| 20 | 1 | SPARE | 23 | | | - / - | 24 | SHUNT TRIP | 1 | |
| 20 | 1 | SPARE | 25 | - / - | | | 26 | SPARE | 1 | 2 |
| 20 | 1 | SPARE | 27 | | - / - | | 28 | SPARE | 1 | 2 |
| 20 | 1 | SPARE | 29 | | | - / - | 30 | SPARE | 1 | 2 |
| 20 | 1 | SPARE | 31 | - / - | | | 32 | SPARE | 1 | 2 |
| 20 | 1 | SPARE | 33 | | - / - | | 34 | SPARE | 1 | 2 |
| 20 | 1 | SPARE | 35 | | | - / - | 36 | SPARE | 1 | 2 |
| 80 | | | 37 | 7.4 / - | | | 38 | SPARE | 1 | 2 |
| | | HIGH TEMP. DISHWASHER | 39 | | 7.4 / - | | 40 | SPARE | 1 | 2 |
| | 3 | | 41 | | | 7.4 / - | 42 | SPARE | 1 | 2 |
| NOT | | | TOTALS | 11.0 | 9.2 | 8.4 | | | | |
| | | 15A AND 20A, 120V BREAKERS FAULT INTERRUPTING TYPE. | SERVING RECI | EPTACLE CIF | RCUITS SHAL | L BE | CC | ONNECTED LOAD: 28.6 KVA (7 | 9.4 AMPS) |) |
| 2.10 | | | | | | | DE | MAND LOAD: 28.6 KVA (7 | 9.4 AMPS) |) |

| E: 'WIRI IC R | | PANE | L SC | | ULE | "K1 | π | MAIN BUS: CO MOUNTING: SU LOCATION: X | | |
|---------------------|--|---|-----------------------|--|--|---|---|---|--|---|
| LES | | (T. # | | PHASE LOAI (K.V.A.) |) | ίτ. # | | |) | AMPS |
| \dashv | DESCRIPTION | Ď | ØA | ØΒ | ØC | | | CRIPTION | 1 4 | ┢ |
| \dashv | | <u> 1</u> | 1.0 / 0.8 | <u> </u> | | | | | $\frac{1}{4}$ | - |
| - | | | | / | / 0.4 | | | | | L |
| | | | | | - / 0.4 | | | | 1 | |
| | | | 1.0 / | 10/04 | | | | | | |
| | | | | 1.0 / 0.4 | | | | | | |
| | | | | | 0.2 / | | | | | H |
| \dashv | | <u>_</u> | 0.4 / - | 0.4 | | | | | 1 | ╀ |
| _ | | | | 0.4 / - | 0.4 | | | | + | |
| _ | | | 0.4 | | 0.4 / - | | | | | \vdash |
| \dashv | | | 0.4 / - | T | | | | | | ╀ |
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| <u> </u> | | | - / - | T | | | | | | ╀ |
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| - | | | 1 | | _ <i></i> | \vdash | | | | - |
| | | | _ | · · · · · · · · · · · · · · · · · · · | | | | | | ┢ |
| \dashv | | <u>_</u> | | - / - | | | | | ' | ╀ |
| ' | SPARE | <u>_</u> | 1 | | _ / _ | | | | <u> </u> | - |
| \dashv | LIICH TEMP DICHWACHED | | /.4/ - | 74 | | | | | ' | |
| 7 | NIGH TEMP. DISHWASHER | - | | / . + / - | 74/_ | | | | <u>'</u> | |
| | | | 11 0 | 0.2 | / | 42 | SPAIL | | <u> </u> | <u> </u> |
| LL 1 | | | | | | <u></u> | NNFCTED LOAD. | 286 KV/A (70 A | VMD6/ |) |
| ND I | FAULT INTERRUPTING TYPE. | | | | | | MAND LOAD: | 28.6 KVA (79.4 | • | |
| | SHOW 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 RECEPT - REF. 1 RECEPT - REF. 1 RECEPT - FZR. 1 RECEPT - FZR. 1 RECEPT - REF. 1 RECEPT - REF. 1 RECEPT. 1 RECEPT. 1 RECEPT. 1 RECEPT. 1 SPARE 1 SPARE | DESCRIPTION RECEPT | DESCRIPTION DESCR | DESCRIPTION Heat DESCRIP | DESCRIPTION DESCRIPTION | DESCRIPTION DESCRIPTION | PHASE LOAD S | PHASE LOAD Security PHASE LOAD Security PHASE LOAD Security PHASE LOAD Security S | PHASE COAD Secription PHASE COAD Secreption PHASE COAD Secription PHASE COAD Secreption PHASE COAD Secription PHASE PHASE COAD Secreption PHASE PHASE |

EXISTING

PANEL SCHEDULE "H2"

PHASE LOAD (K.V.A.)

øΒ

0.8 / 0.2

0.8 / 0.2

0.8 / 5.6

1.8 / 2.0

1.5 / 8.8

54.5

TOTALS 53.3

0.6 / 1.0 | 12

- /5.6 | 24

0.4 / 5.6 | 30

- / 15 | 42

1.8 / 1.8 48

1.8 / 1.8 | 54

1.8 / 2.0 | 60

1.0 / 8.8 | 72

53.4

ØΑ

1 | 1.0 / 0.2 |

7 | 1.0 / 0.2

13 | 1.0 / 0.4 |

25 | - / 5.6 |

MAIN BUS: COPPER

MOUNTING: SURFACE

20

1 20

1 20

1 20

1 20

100

LOCATION: X

DESCRIPTION

RECEPT.-DINING

RECEPT.-DINING

RECEPT.-DINING

RECEPT.-DINING

RECEPT.-DINING

RECEPT.-PARLOR

RECEPT.-TOILET

LIGHTING-DINING

LIGHTING-KITCHEN

ATTIC MECHANICAL ROOM

LIGHTING

FURN-1

FURN-2

FURN-3

SPACE

PANEL <u>K1</u>

CU-4

CU-5

CU-6

FURN-4

FURN-5

FURN-6

CONNECTED LOAD: 173.8 KVA (482.7 AMPS)

DEMAND LOAD: 154.1 KVA (428.1 AMPS)

MAINS: 600A MLO

20

20

20

VOLTAGE: 208/120V

PHASE/WIRE: 3PH, 4W

MIN. AIC RATING: 22,000

DESCRIPTION

RECEPT.-MC OFFICE A

RECEPT.-MC WAITING

RECEPT - MC OFFICE C

RECEPT.- MC OFFICE B

RECEPT.-MC WELCOME

RECEPT.-MC WELCOME

RECEPT.-MC PARLOR

RECEPT.-MC PANTRY

RECEPT.-MC SALON

RECEPT.-MC SALON

RECEPT.-MC SALON

RECEPT.-MC SALON

RECEPT.-MC SALON

RECEPT.-MC SALON

RECEPT.-DINING

SPARE

CU-2

CU-3

SPACE

GEN. BLOCK HEATER

20 1 GEN. BATTERY CHARGER

NOTES:

20 1 SPARE

30

RECEPT.-EXTERIOR

RECEPT.-EDF (GFI BKR)

RECEPT.- MC LIVING ROOM

RECEPT.-MC LIVING ROOM

| | GE: :/WIR | 25A MLO 208/120V E: 3PH, 4W RATING: 22,000 | PANE | | | ULE ' | 'RC |)" MOL | N BUS: COPPER UNTING: SURFACE ATION: X | |
|-------------|--------------|---|--------|-----------|---------------------------------------|-----------|------|-----------------------|--|--|
| Sc <u> </u> | ES. | | # | | PHASE LOA (K.V.A.) | D | # : | | S | PS |
| AMPS | POLES | DESCRIPTION | CKT | ØΑ | ØΒ | ФС | CKT | DESCRIPTION | POLES | AMPS |
| 20 | 1 | WING C PLAN B | 1 | 0.5 / - | | | 2 | SPARE | 1 | 20 |
| 20 | 1 | | 3 | | 1.8 / 1.0 | | 4 | WING C PLAN CM | 1 | 20 |
| 20 | 1 | | 5 | | | 0.2 / 0.6 | 6 | | 1 | 20 |
| 20 | 1 | WING C PLAN B | 7 | 0.5 / 0.4 | | | 8 | | 1 | 20 |
| 20 | 1 | | 9 | | 1.8 / 1.4 | | 10 | | 1 | 20 |
| 20 | 1 | | 11 | | | 0.2 / 1.4 | 12 | • | 1 | 20 |
| 20 | 1 | WING C PLAN CM | 13 | 1.0 / 0.5 | | | 14 | WING C PLAN B | 1 | 20 |
| 20 | 1 | | 15 | | 0.6 / 1.8 | | 16 | | 1 | 20 |
| 20 | 1 | | 17 | | | 0.4 / 0.2 | 18 | | 1 | 20 |
| 20 | 1 | | 19 | 1.4 / 0.5 | | | 20 | WING C PLAN A | 1 | 20 |
| 20 | 1 | | 21 | | 1.4 / 1.4 | | 22 | | 1 | 20 |
| 20 | 1 | WING C PLAN B | 23 | | | 0.5 / 0.2 | 24 | | 1 | 20 |
| 20 | 1 | | 25 | 1.8 / 1.0 | 7 | | 26 | | 1 | 20 |
| 20 | 1 | | 27 | | 0.2 / 0.5 | | 28 | WING C PLAN A | 1 | 20 |
| 20 | 1 | WING C PLAN A | 29 | | | 0.5 / 1.4 | 30 | | 1 | _ |
| 20 | 1 | | 31 | 1.4 / 0.2 | 7 | | 32 | | 1 | 20 |
| 20 | 1 | | 33 | | 0.2 / 1.0 | | 34 | | 1 | 20 |
| 20 | 1 | ļ | 35 | | | 1.0 / 0.5 | 36 | WING C PLAN B | 1 | 20 |
| 20 | 1 | WING C PLAN A | 37 | 0.5 / 1.8 | · · · · · · · · · · · · · · · · · · · | | 38 | | 1 | 20 |
| 20 | 1 | | 39 | | 1.4 / 0.2 | | 40 | | 1 | |
| 20 | 1 | | 41 | | | 0.2 / 1.0 | 42 | WING C PLAN CM | 1 | |
| 20 | 1 | | 43 | 1.0 / 0.6 | | | 44 | | 1 | 20 |
| 20 | 1 | WING C PLAN B | 45 | | 0.5 / 0.4 | | 46 | | 1 | 20 |
| 20 | 1 | | 47 | | | 1.8 / 1.4 | 48 | | 1 | 20 |
| 20 | 1 | | 49 | 0.2 / 1.4 | 4.0./0.5 | | 50 | V | 1 | |
| 20 | 1 | WING C PLAN CM | 51 | | 1.0 / 0.5 | 0.0 / 1.0 | 52 | WING C PLAN B | 1 | |
| 20 | 1 | | 53 | | | 0.6 / 1.8 | 54 | | 1 | 20 |
| 20 | 1 | | 55 | 0.4 / 0.2 | 4.4. | | 56 | 00105 | 1 | 20 |
| 20 | 1 | | 57 | | 1.4 / - | 1.4 | 58 | SPARE | | 20 |
| 20 | 1 | 00105 | 59 | | | 1.4 / - | 60 | SPARE | | 20 |
| 20 | 1 | SPARE | 61 | _ / _ | · · · · · · · · · · · · · · · · · · · | | 62 | SPARE | 1 | 20 |
| 20 | 1 | SPARE | 63 | | - / - | | 64 | SPARE | 1 | 20 |
| 20 | 1 | SPARE | 65 | | | _ / _ | 66 | SPARE | 1 | 20 |
| 20 | 1 | SPARE | 67 | - / - | | | 68 | SPARE | 1 | + |
| 20 | 1 | SPARE | 69 | | - / - | | 70 | SPARE | | 20 |
| | | SPARE | 71 | 1 - 7 | 10 4 | 15.7 | 72 | SPARE | 1 | 20 |
| NOT | ŁS: | | TOTALS | 15.3 | 18.1 | 15.3 | | NNIECTED LOAD. 40.7.1 | /\/\ | .\ |
| | | | | | | | l co | NNECTED LOAD: 48.7 | KVA (135.3AMPS) |) |

| AMPS AMPS TRIP | /WIR | 208/120V E: 3PH, 4W RATING: 22,000 | PANE | | (ISTING HED! | | 'PL | <u>"</u> | MAIN BUS: COPPE | | |
|----------------|--------|--|--------|-----------|---------------------------------------|-----------|------|----------------|--------------------|-------|--------------|
| AMPS AMPS TRIP | AIC F | | Т | | ╗┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪┪ | " . | | , | MOUNTING: SURFA | 4CE | |
| O AMPS | | | | | | | LL | | LOCATION: X | | |
| 20 | T POLE | | # | | PHASE LOA (K.V.A.) | D | # | • | | S | So |
| | 1 | DESCRIPTION | OKT. | ØΑ | ØB | ФC | CKT. | DESC | CRIPTION | POLES | AMPS TRIP |
| | | WING D PLAN CM | 1 | 1.0 / - | | | 2 | SPARE | | 1 | 20 |
| 20 | 1 | | 3 | | 0.6 / 0.5 | | 4 | WING D PLAN B | | 1 | 20 |
| 20 | 1 | | 5 | | | 0.4 / 1.8 | 6 | | | 1 | 20 |
| 20 | 1 | | 7 | 1.4 / 0.2 | | | 8 | | | 1 | 20 |
| 20 | 1 | • | 9 | | 1.4 / 0.5 | | 10 | WING D PLAN B | | 1 | 20 |
| 20 | 1 | WING D PLAN B | 11 | | | 0.5 / 1.8 | 12 | | | 1 | 20 |
| 20 | 1 | | 13 | 1.8 / 0.2 | | | 14 | • | | 1 | 20 |
| 20 | 1 | | 15 | | 0.2 / 0.5 | | 16 | WING D PLAN B | | 1 | 20 |
| 20 | 1 | WING D PLAN A | 17 | | | 0.5 / 1.8 | 18 | | | 1 | 20 |
| 20 | 1 | | 19 | 1.4 / 0.2 | | | 20 | | | 1 | 20 |
| 20 | 1 | | 21 | | 0.2 / 1.0 | | 22 | WING D PLAN CM | | 1 | 20 |
| 20 | 1 | | 23 | | | 1.0 / 0.6 | 24 | | | 1 | 20 |
| 20 | 1 | WING D PLAN B | 25 | 0.5 / 0.4 | | | 26 | | | 1 | 20 |
| 20 | 1 | | 27 | | 1.8 / 1.4 | | 28 | | | 1 | 20 |
| 20 | 1 | | 29 | | | 0.2 / 1.4 | 30 | • | | 1 | 20 |
| 20 | 1 | WING D PLAN CM | 31 | 1.0 / 0.5 | | | 32 | WING D PLAN B | | 1 | 20 |
| 20 | 1 | | 33 | | 0.6 / 1.8 | | 34 | | | 1 | 20 |
| 20 | 1 | | 35 | | | 0.4 / 0.2 | 36 | | | 1 | 20 |
| 20 | 1 | | 37 | 1.4 / 0.5 | | | 38 | WING D PLAN A | | 1 | 20 |
| 20 | 1 | ļ | 39 | | 1.4 / 1.4 | | 40 | | | 1 | 20 |
| 20 | 1 | WING D PLAN CM | 41 | | | 1.0 / 0.2 | 42 | | | 1 | 20 |
| 20 | 1 | | 43 | 0.6 / 1.0 | | | 44 | • | | 1 | 20 |
| 20 | 1 | | 45 | | 0.4 / 0.5 | | 46 | WING D PLAN B | | 1 | 20 |
| 20 | 1 | | 47 | | | 1.4 / 1.8 | 48 | | | 1 | 20 |
| 20 | 1 | | 49 | 1.4 / 0.2 | | | 50 | | | 1 | 20 |
| 20 | 1 | WING D PLAN B | 51 | | 0.5 / 0.5 | | 52 | WING D PLAN BM | | 1 | 20 |
| 20 | 1 | | 53 | | | 1.8 / 1.8 | 54 | | | 1 | 20 |
| 20 | 1 | | 55 | 0.2 / 0.2 | | | 56 | | | 1 | 20 |
| 20 | 1 | WING D PLAN BM | 57 | | 0.5 / 0.5 | | 58 | WING D PLAN BM | | 1 | 20 |
| 20 | 1 | | 59 | | | 1.8 / 1.8 | 60 | | | 1 | 20 |
| 20 | 1 | | 61 | 0.2 / 0.2 | | | 62 | | | 1 | 20 |
| 20 | 1 | SPARE | 63 | | - /0.5 | | 64 | WING D PLAN BM | | 1 | 20 |
| 20 | 1 | SPARE | 65 | | <i>.</i> | - / 1.8 | 66 | | | 1 | 20 |
| 20 | 1 | SPARE | 67 | - / 0.2 | | | 68 | | | 1 | 20 |
| 20 | 1 | SPARE | 69 | | - / - | | 70 | SPARE | | 1 | 20 |
| 20 | 1 | SPARE | 71 | | | - / - | 72 | SPARE | | 1 | 20 |
| NOT | ES: | | TOTALS | 13.9 | 14.7 | 16.8 | | | L | | - |
| 1. | • | | | • | • | • | C | ONNECTED LOAD: | 45.4 KVA (126.1 AI | MPS |) |

DEMAND LOAD: 45.4 KVA (126.1 AMPS)

TRINITY **ENGINEERING GROUP**

1081 THOMPSON BRIDGE RD GAINESVILLE, GA 30501 TEL. (770) 535-1044 FAX: (770) 535-0037

| MAINS: | | 000 MLO | | | EX | ISTING | G | | | MAIN BUS: COP | PER | |
|-----------------|-------|-------------------------------|----------|-----|-----------|------------------------|--------------|------|---------------|-----------------|-------|--------------|
| VOLTAG PHASE | | 208/120V E: 3PH, 4W | PAN | E | L SC | HED | ULE ' | 'H3 | 3" | MOUNTING: SUR | FACE | |
| | • | RATING: 22,000 | | | | | | | | LOCATION: X | | |
| AMPS TRIP | ES | | | # . | | PHASE LOAI (K.V.A.) | | # : | | | POLES | AMPS TRIP |
| AM TR | POLES | DESCRI | PTION | CKT | ØΑ | ØΒ | øС | CKT. | DES | CRIPTION | 10d | AM TR |
| 20 | 1 | RECEPT WB CORI | RIDOR | 1 | 1.2 / 1.5 | | | 2 | LIGHTING | | 1 | 20 |
| 20 | 1 | RECEPTBC HALL/ | LAUNDRY | 3 | | 1.0 / - | | 4 | SPARE | | 1 | 20 |
| 20 | 1 | RECEPT BC WASH | HER | 5 | | | 1.5 / - | 6 | SPARE | | 1 | 20 |
| 20 | 1 | RECEPT BC WASH | HER | 7 | 1.5 / - | | | 8 | SPARE | | 1 | 20 |
| 30 | | RECEPTBC DRYER | | 9 | | 1.5 / - | | 10 | SPARE | | 1 | 20 |
| | 2 | MEGELLI. DG DIVIEN | | 11 | | | 1.5 / - | 12 | SPARE | | 1 | 20 |
| 30 | | RECEPTBC DRYER | | 13 | 1.5 / - | | | 14 | SPARE | | 1 | 20 |
| | 2 | NECEFT DC DNTEN | | 15 | | 1.5 / - | | 16 | SPARE | | 1 | 20 |
| 20 | 1 | RECEPTBC NURSI | HING | 17 | | | 0.8 / - | 18 | SPARE | | 1 | 20 |
| 20 | 1 | RECEPTBC DOCTO |)R | 19 | 1.2 / - | | | 20 | SPARE | | 1 | 20 |
| 20 | 1 | RECEPTBC THERA | \PY | 21 | | 0.8 / - | | 22 | SPARE | | 1 | 20 |
| 20 | 1 | RECEPTBC COMM | ON SPACE | 23 | | | 1.2 / - | 24 | SPARE | | 1 | 20 |
| 20 | 1 | ATTIC MECHANICAL | ROOM | 25 | 0.7 / - | | | 26 | SPARE | | 1 | 20 |
| 20 | 1 | SPARE | | 27 | | /- | | 28 | SPARE | | 1 | 20 |
| 20 | 1 | SPARE | | 29 | | | - / - | 30 | SPARE | | 1 | 20 |
| 20 | 1 | SPARE | | 31 | /- | | | 32 | SPARE | | 1 | 20 |
| 20 | 1 | SPARE | | 33 | | - / - | | 34 | SPARE | | 1 | 20 |
| 20 | 1 | SPARE | | 35 | | | <i>/</i> 5.6 | 36 | FURN-10 | | | 70 |
| 20 | 1 | SPARE | | 37 | - / 5.6 | | | 38 | TOTAL TO | | 2 | |
| 20 | 1 | SPARE | | 39 | | /8.8 | | 40 | FURN-11 | | | 100 |
| 20 | 1 | SPARE | | 41 | | | - / 8.8 | 42 | | | 2 | |
| NOT | ES: | | TOTAL | S | 13.2 | 13.6 | 19.2 | | | | | |
| 1. | | | | | | | | CO | NNECTED LOAD: | 46.0 KVA (127.7 | AMPS |) |
| | | | | | | | | DE | MAND LOAD: | 45.1 KVA (125.2 | AMPS |) |

| MIN. / | - | E: 3PH, 4W ATING: 22,000 | | | PHASE LOAI | <u> </u> | | LOCATION: X | | Π |
|--------------|-------|-----------------------------|--------|--|----------------|-----------|--------|-----------------------|-------|--------------|
| AMPS TRIP | POLES | DESCRIPTION | CKT. # | ØΑ | (K.V.A.) | ØC | CKT. # | DESCRIPTION | POLES | AMPS TRIP |
| 20 | 1 | RECEPTWC CORRIDOR | 1 | 1.0 / 1.5 | Ψυ | Ψ | 2 | LIGHTING-WING D | 1 | 20 |
| 20 | 1 | RECEPTMC ARTS & CRAFTS | 3 | / | 1.0 / 0.9 | | 4 | LIGHTING-WING D | 1 | 20 |
| 20 | 1 | RECEPT- MC COMMON SPACE | 5 | | <i></i> | 1.6 / 1.1 | 6 | ATTIC MECHANICAL ROOM | 1 | 20 |
| 20 | 1 | RECEPTMC NURSING | 7 | 1.2 / 1.5 | | / | 8 | DISHWASHER | 1 | 20 |
| 20 | 1 | RECEPTMC DINING | 9 | / · · · · · · · · · · · · · · · · · · · | 1.4 / 0.4 | | 10 | RECEPT- FOOD PREP | 1 | 20 |
| 20 | 1 | RECEPTMC UC ICE MAKER | 11 | | / | 1.0 / 0.4 | 12 | RECEPT- FOOD PREP | 1 | 20 |
| 20 | 1 | RECEPT MC DINING | 13 | 1.2 / - | | / | 14 | SPARE | 1 | 20 |
| 20 | 1 | RECEPTMC LAUNDRY | 15 | <i>I</i> | 1.0 / - | | 16 | SPARE | 1 | 20 |
| 30 | | | 17 | | | 1.5 / – | 18 | SPARE | 1 | 20 |
| | 2 | RECEPTMC DRYER | 19 | 1.5 / 2.0 | | | 20 | SAN. LIFT STATION | | 40 |
| 30 | | DESERT HO DRIVER | 21 | | 1.5 2.0 | | 22 | | 2 | |
| | 2 | RECEPTMC DRYER | 23 | | | 1.5 / 5.5 | 24 | FUDN. 40 | | 70 |
| 20 | 1 | RECEPTMC WASHER | 25 | 1.5 / 5.5 | | | 26 | FURN-12 | 2 | |
| 20 | 1 | RECEPTMC WASHER | 27 | | 1.5 / 8.8 | | 28 | FURN-13 | | 100 |
| 20 | 1 | RECEPTWD CORRIDOR | 29 | | | 0.8 / 8.8 | 30 | TORN 13 | 2 | |
| 20 | 1 | RECEPTMC FOOD PREP | 31 | 1.0 / 8.8 | | | 32 | FURN-14 | | 100 |
| 20 | 1 | RECEPTMC FOOD PREP | 33 | | 1.0 / 8.8 | | 34 | TORN 14 | 2 | |
| 20 | 1 | RECEPTQUIET ROOM | 35 | | | 0.8 / 5.6 | 36 | FURN-15 | | 70 |
| 20 | | GEN. BLOCK HEATER | 37 | 1.5 / 5.6 | | | 38 | 101111 10 | 2 | |
| | 2 | SEM. BESSIV HERIEN | 39 | | 1.5 / 5.6 | | 40 | FURN-16 | | 70 |
| 20 | 1 | GEN. BATTERY CHARGER | 41 | | | 1.0 / 5.6 | 42 | | 2 | |
| NOT | ES: | | TOTALS | 30.3 | 33.0 | 34.8 | | | | |



COBB COUNTY: 1480 Shiloh Road NW Suite #300 Kennesaw, GA 30144 Phone 770,790,3655 Fax 770,790,3650

FANNIN COUNTY: 722 Black Dog Trail P.O. Box 639 Blue Ridge, GA 30513 Phone 706.374.4304

ISSUE: REVISIONS:



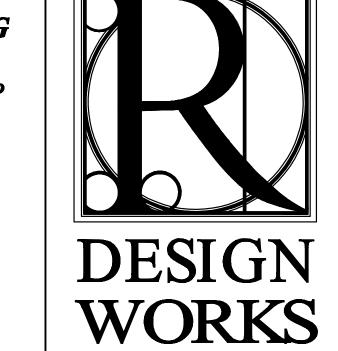
02.08.18

PROJECT NO. SHEET NO.: 1743 **E-0.6**

| | GE: /WIRI | 00A MLO 208/120V E: 3PH,4W RATING: 65,000 | PANE | L SC | HED | JLE " | 'HE | | US: COPPER NG: SURFACE DN: X | |
|--------------|--------------|--|--------|-----------|-----------------------|-----------|------|------------------------|------------------------------------|--------------|
| AMPS TRIP | POLES | • | # | | PHASE LOA (K.V.A.) |) | # : | • | POLES | AMPS |
| AR AR | P0[| DESCRIPTION | CKT. | ØΑ | øΒ | øС | CKT. | DESCRIPTION | POI | \ |
| 20 | 1 | BREAKROOM-WING A | 1 | 1.0 / 2.5 | | | 2 | TWU-1 | | 30 |
| 20 | 1 | BREAKROOM-WING A | 3 | | 1.0 / 2.5 | | 4 | TWO T | 2 | |
| 20 | 1 | BREAKROOM-WING A | 5 | | | 1.5 / 2.5 | 6 | TWU-1 | | 30 |
| 20 | 1 | BREAKROOM-WING A | 7 | 1.5 / 2.5 | | | 8 | TWO T | 2 | |
| 20 | 1 | BREAKROOM-WING A | 9 | | 0.8 / 2.5 | | 10 | TWU-1 | | 30 |
| 20 | 1 | CORRIDOR-WING A | 11 | | | 1.2 / 2.5 | 12 | 1WO-1 | 2 | |
| 20 | 1 | SPARE | 13 | - / 2.5 | | | 14 | TWU-1 | | 30 |
| 20 | 1 | SPARE | 15 | | - / 2.5 | | 16 | 1WO-1 | 2 | |
| 30 | | TWU-1 | 17 | | | 2.5 / 2.5 | 18 | TWU-1 | | 30 |
| | 2 | WU - | 19 | 2.5 / 2.5 | | | 20 | WU | 2 | |
| 30 | | TVA/LL 1 | 21 | | 2.5 2.5 | | 22 | TMIL 1 | | 3(|
| | 2 | TWU-1 | 23 | | | 2.5 2.5 | 24 | TWU-1 | 2 | |
| 30 | | TWO I A | 25 | 2.5 / - | | | 26 | SPARE | 1 | 20 |
| | 2 | TWU-1 | 27 | | 2.5 5.6 | | 28 | FLIDNI | | 70 |
| 30 | | TWOLA | 29 | | | 2.5 5.6 | 30 | FURN | 2 | |
| | 2 | TWU-1 | 31 | 2.5 / 5.6 | | | 32 | THOM | | 70 |
| 30 | | TWO | 33 | | 2.5 / 5.6 | | 34 | FURN | 2 | |
| | 2 | TWU-1 | 35 | | | 2.5 / - | 36 | SPARE | 1 | 20 |
| 30 | | TWOLA | 37 | 2.5 / 1.2 | | | 38 | | | 20 |
| | 2 | TWU-1 | 39 | | 2.5 / 1.2 | | 40 | CU | | abla |
| 20 | 1 | LIGHTING-CORRIDOR | 41 | | | 0.3 / 1.2 | 42 | | 3 | \uparrow |
| 20 | 1 | LIGHTING-CORRIDOR | 43 | 0.3 / 1.2 | | | 44 | | | 20 |
| 20 | 1 | SPARE | 45 | | - / 1.2 | | 46 | CU | | abla |
| 20 | 1 | SPARE | 47 | | , | - / 1.2 | 48 | | 3 | \Box |
| 20 | 1 | SPARE | 49 | - / - | | | 50 | SPARE | 1 | 20 |
| 20 | 1 | SPARE | 51 | | - / - | | 52 | SPARE | 1 | 20 |
| 20 | 1 | SPARE | 53 | | | - / - | 54 | SPARE | 1 | 20 |
| NOT | ES: | | TOTALS | 30.8 | 34.2 | 30 | | | · | |
| 1. | | | | | | | CC | NNECTED LOAD: 97.2 KVA | (270 AMPS) | |
| | | | | | | | DE | IMAND LOAD: 97.2 KVA | (270 AMPS) | |

| | SE: /WIR | 00A MLO 208/120V E: 3PH,4W RATING: 65,000 | PANEL | _ SCI | HEDU | JLE " | HE | MAIN BUS: MOUNTING: LOCATION: | SURFACE | |
|--------------|-------------|--|--------|---------------------------------------|---------------------------------------|-------------|-----|--------------------------------|-----------|------|
| AMPS TRIP | POLES | | (Т. # | | PHASE LOA (K.V.A.) | D | П.# | | POLES | AMPS |
| | PC | DESCRIPTION | CKT | ØA | ØΒ | øС | CKT | DESCRIPTION | <u> </u> | |
| 20 | 1 | SPARE | 1 | - / 2.5 | · · · · · · · · · · · · · · · · · · · | | 2 | TWU-1 | | 30 |
| 20 | 1 | SPARE | 3 | | - / 2.5 | | 4 | | 2 | |
| 20 | 1 | SPARE | 5 | | | - / 2.5 | 6 | TWU-1 | | 30 |
| 20 | 1 | SPARE | 7 | - / 2.5 | · · · · · · · · · · · · · · · · · · · | | 8 | | 2 | |
| 20 | 1 | SPARE | 9 | | <i>−</i> / 2.5 | | 10 | TWU-1 | | 30 |
| 20 | 1 | SPARE | 11 | | | - / 2.5 | 12 | | 2 | |
| 20 | 1 | SPARE | 13 | - / 2.5 | | | 14 | TWU-1 | | 30 |
| 20 | 1 | SPARE | 15 | | - / 2.5 | | 16 | | 2 | |
| 30 | | TWU-1 | 17 | | | 2.5 / - | 18 | SPARE | 1 | 20 |
| | 2 | | 19 | 2.5 / - | · · · · · · · · · · · · · · · · · · · | | 20 | SPARE | 1 | 20 |
| 30 | | TWU-1 | 21 | | 2.5 / - | | 22 | SPARE | 1 | 20 |
| | 2 | | 23 | | | 2.5 / - | 24 | SPARE | 1 | 20 |
| 30 | | TWU-1 | 25 | 2.5 / - | | | 26 | SPARE | 1 | 20 |
| | 2 | 1110 | 27 | | 2.5 / - | | 28 | SPARE | 1 | 20 |
| 30 | | TWU-1 | 29 | | | 2.5 / - | 30 | SPARE | 1 | 20 |
| | 2 | 100 1 | 31 | 2.5 / - | | | 32 | SPARE | 1 | 20 |
| 30 | | TWU-1 | 33 | | 2.5 / - | | 34 | SPARE | 1 | 20 |
| | 2 | | 35 | | | 2.5 / - | 36 | SPARE | 1 | 20 |
| 30 | | TWU-1 | 37 | 2.5/ - | | | 38 | SPARE | 1 | 20 |
| | 2 | | 39 | | 2.5 / - | | 40 | SPARE | 1 | 20 |
| 20 | 1 | SPARE | 41 | · · · · · · · · · · · · · · · · · · · | | - / - | 42 | SPARE | 1 | 20 |
| NOT | ES: | | TOTALS | 17.5 | 20.0 | 15.0 | | | | |
| 1. | | | | | | | CC | NNECTED LOAD: 52.5 KVA (14 | 45.8 AMPS | |

| MAINS: 225 ML0 VOLTAGE: 208/120V PHASE/WIRE: 3PH,4W MIN. AIC RATING: 65,000 | | PANEL SCHEDULE | | | | | | "RE" MOI | | MAIN BUS: COPPER MOUNTING: SURFACE LOCATION: X | | MAINS: 225A MLO VOLTAGE: 208/120V PHASE/WIRE: 3PH,4W MIN. AIC RATING: 65,000 | | | PAN | PANEL SCHEDULE "R | | | | RE | MAIN BUS: COPPER MOUNTING: SURFACE LOCATION: X | | | | |
|---|-------|----------------|--------|---|--|---------------------------------------|-----------|----------|----------------|--|-------|--|------|------------|----------------------|-------------------|----------|---|--|-----------|--|----------------|----------------|---------|------|
| AMPS TRIP | POLES | DESCRIPTION | CKT. # | " | ØΑ | PHASE LOA (K.V.A.) ØB | D ØC | CKT. # | DES | SCRIPTION | POLES | AMPS TRIP | AMPS | POLES | DESCRIP ⁻ | TION | CKT. # | ØΑ | PHASE LOA (K.V.A.) ØB | ND ØC | CKT. # | DES | CRIPTION | POLES | AMPS |
| 20 | 1 | WING A PLAN A | 1 | 0 | 0.5 0.5 | | | 2 | WING A PLAN A | | 1 | 20 | 20 | 1 | WING A PLAN A | | 1 | 0.5 / 0.5 | | | 2 | WING A PLAN A | | 1 | 20 |
| 20 | 1 | | 3 | | | 1.4 / 1.4 | | 4 | | | 1 | 20 | 20 | 1 | | | 3 | | 1.4 / 1.4 | | 4 | | | 1 | 20 |
| 20 | 1 | | 5 | | · · · · · · · · · · · · · · · · · · · | | 0.2 0.2 | 6 | | | 1 | 20 | 20 | 1 | | | 5 | | | 0.2 / 0.2 | 6 | | | 1 | 20 |
| 20 | 1 | | 7 | 1 | 1.0 / 1.0 | | | 8 | | | 1 | 20 | 20 | 1 | | | 7 | 1.0 / 1.0 | | | 8 | • | | 1 | 20 |
| 20 | 1 | WING A PLAN B | 9 | | | 0.5 / 0.5 | | 10 | WING A PLAN B | | 1 | 20 | 20 | 1 | WING A PLAN B | | 9 | | 0.5 / 0.5 | | 10 | WING A PLAN B | | 1 | 20 |
| 20 | 1 | | 11 | 1 | · · · · · · · · · · · · · · · · · · · | | 1.8 / 1.8 | 12 | | | 1 | 20 | 20 | 1 | | | 11 | · · · · · · · · · · · · · · · · · · · | | 1.8 / 1.8 | 12 | | | 1 | 20 |
| 20 | 1 | | 13 | 3 0 | 0.2 / 0.2 | | | 14 | | | 1 | 20 | 20 | 1 | | | 13 | 0.2 / 0.2 | | | 14 | • | | 1 | 20 |
| 20 | 1 | WING A PLAN B | 15 | 5 | | 0.5 / 0.5 | | 16 | WING A PLAN B | | 1 | 20 | 20 | 1 | WING A PLAN B | | 15 | | 0.5 / 0.5 | 1 | 16 | WING A PLAN B | | 1 | 20 |
| 20 | 1 | | 17 | 7 | ······································ | | 1.8 / 1.8 | 18 | | | 1 | 20 | 20 | 1 | | | 17 | | | 1.8 / 1.8 | 18 | | | 1 | 20 |
| 20 | 1 | | 19 | 0 | 0.2 / 0.2 | · · · · · · · · · · · · · · · · · · · | | 20 | | | 1 | 20 | 20 | 1 | , | | 19 | 0.2 / 0.2 | 7 | | 20 | | | 1 | 20 |
| 20 | 1 | WING A PLAN B | 21 | 1 | | 0.5 / 0.5 | | 22 | WING A PLAN A | | 1 | 20 | 20 | 1 | WING A PLAN B | | 21 | | 0.5 / 0.5 | | 22 | WING A PLAN B | | 1 | 20 |
| 20 | 1 | | 23 | | · | | 1.8 / 1.8 | 24 | | | 1 | 20 | 20 | 1 | | | 23 | · · · · · · · · · · · · · · · · · · · | | 1.8 / 1.8 | 24 | | | 1 | 20 |
| 20 | 1 | | 25 | + | 0.2 / 0.2 | | | 26 | | | 1 | 20 | 20 | 1 | | | 25 | 0.2 / 0.2 | · · · · · · · · · · · · · · · · · · · | | 26 | • | | 1 | 20 |
| 20 | 1 | WING A PLAN A | 27 | 1 | | 0.5 / 0.5 | | 28 | | | 1 | 20 | 20 | 1 | WING A PLAN C | | 27 | | 0.9 / 0.9 | | 28 | WING A PLAN C | | 1 | 20 |
| 20 | | | 29 | + · · | · · · · · · · · · · · · · · · · · · · | | 1.4 / - | 30 | | | 1 | 20 | 20 | 1 | | | 29 | ······································ | | 1.8 / 1.8 | 30 | | | 1 | 20 |
| 20 | 1 | | 31 | |).2 / - | 1.0 | | 32 | | | 1 | 20 | 20 | 1 | | | 31 | 0.2 / 0.2 | · · · · · · · · · · · · · · · · · · · | | 32 | | | | 20 |
| 20 | 1 | CDADE | 33 | + | | 1.0 / - | 1 | 34 | CDADE | | 1 | 20 | 20 | 1 | CDADE | | 33 | | 1.4 / 1.4 | 1 | 34 | CDADE | | | 20 |
| 20 | 1 | SPARE | 35 | | | | | 36 | SPARE | | 1 | 20 | 20 | 1 | SPARE | | 35 37 | · <u>···</u> ································ | | | 36 | SPARE | | 1 | 20 |
| 20 | 1 | SPARE | 37 | + | _ / _ · | _ / _ | | 38 40 | SPARE SPARE | | 1 | 20 | 20 | 1 | SPARE | | + | | | | 38 40 | SPARE SPARE | | | 20 |
| 20 | 1 | SPARE SPARE | 39 | 7 | | <i></i> | - / - | 40 | SPARE SPARE | | 1 | 20 | 20 | 1 | SPARE SPARE | | 39 41 | | | | 40 | SPARE SPARE | | | 20 |
| - | | JI AINL | TOTALS | <u>' </u> | 4.4 | 7.8 | 12.6 | 44 | OI AILL | | | 20 | | L' TES: | STAILL | ТО | | 4.6 | 10.4 | 14.8 | +4 | JI AILL | | | 20 |
| 1. | TES: | | IUIALS | | ⊤ , † | 7,0 | 12,0 | CC | ONNECTED LOAD: | 24.8 KVA (68.9 , | AMPS) | | 1. | IES: | | 10 | TALS | Τ,∪ | 10.7 | 17,0 | CC | ONNECTED LOAD: | 30.0 KVA (83.3 | (AMPS) | |
| | | | | | | | | | MAND LOAD: | 24.8 KVA (68.9) | | | | | | | | | | | | MAND LOAD: | 30.0 KVA (83.3 | | |



COBB COUNTY:
1480 Shiloh Road NW
Suite #300
Kennesaw, GA 30144
Phone 770.790.3655
Fax 770.790.3650

FANNIN COUNTY: 722 Black Dog Trail P.O. Box 639

Blue Ridge, GA 30513 Phone 706.374.4304

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| | | |

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PROJECT NO. SHEET NO.:

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Blue Ridge, GA 30513 Phone 706.374.4304

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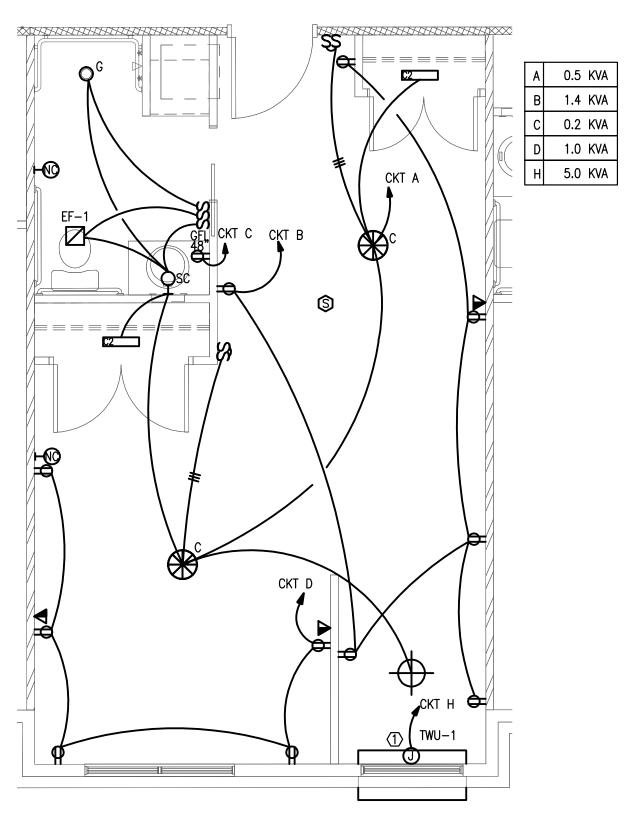
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02.08.18

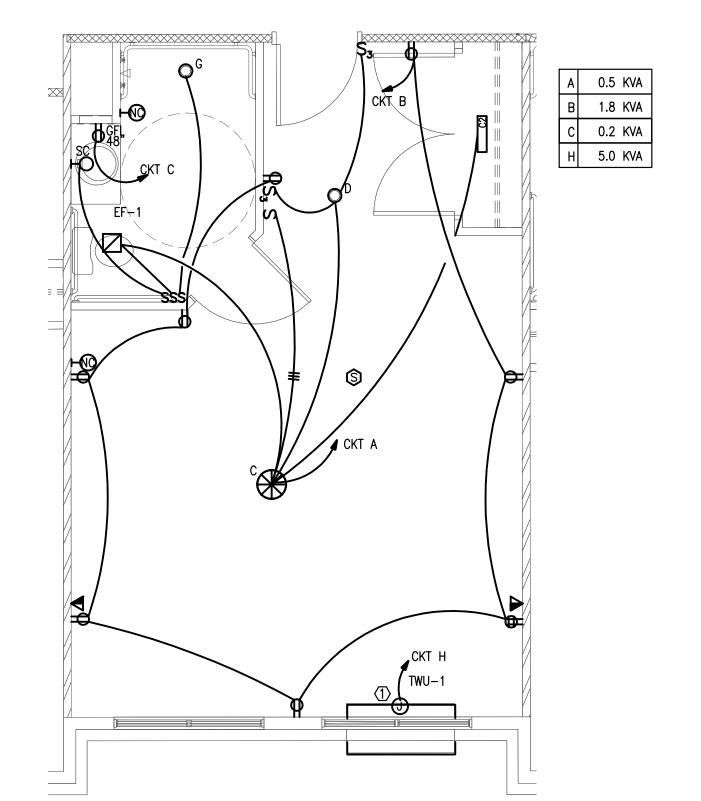
PROJECT NO. SHEET NO.:

1743 **E-1.1**

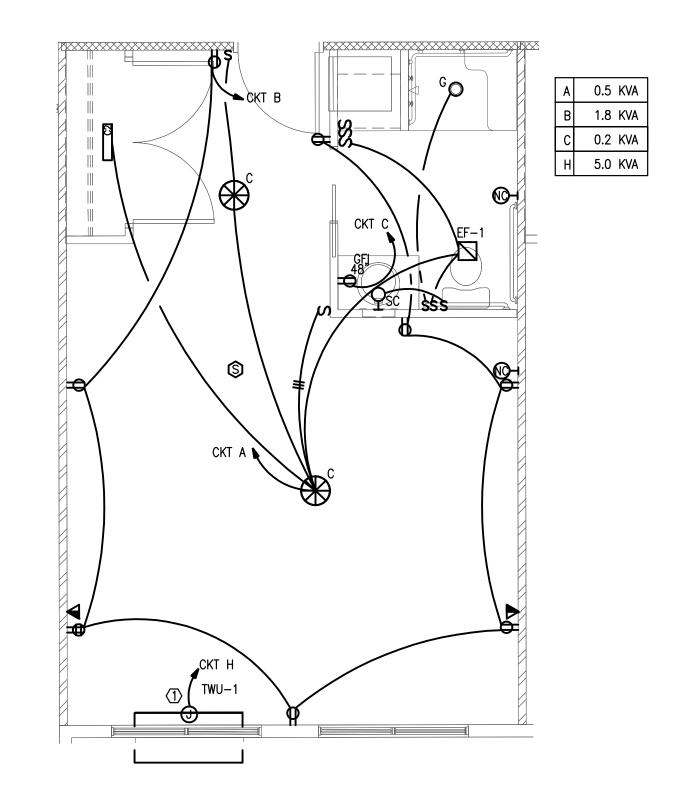
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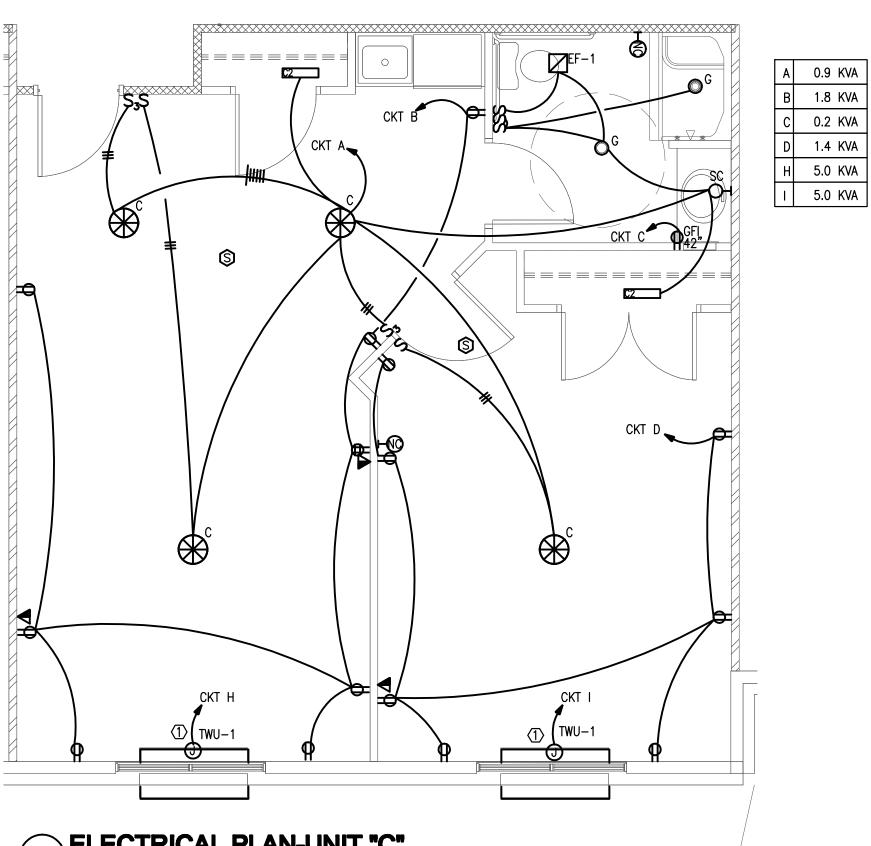
1 ELECTRICAL PLAN-UNIT "A" SCALE: 3/16" = 1'-0"



2 ELECTRICAL PLAN-UNIT "BM"
SCALE: 3/16" = 1'-0"



3 ELECTRICAL PLAN-UNIT "B" SCALE: 3/16" = 1'-0"



4 ELECTRICAL PLAN-UNIT "C" SCALE: 3/16" = 1'-0"



DESIGN WORKS

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Blue Ridge, GA 30513 Phone 706.374.4304

ISSUE: REVISIONS:

ARCHITECT AND ENGINEER OF RECORD.



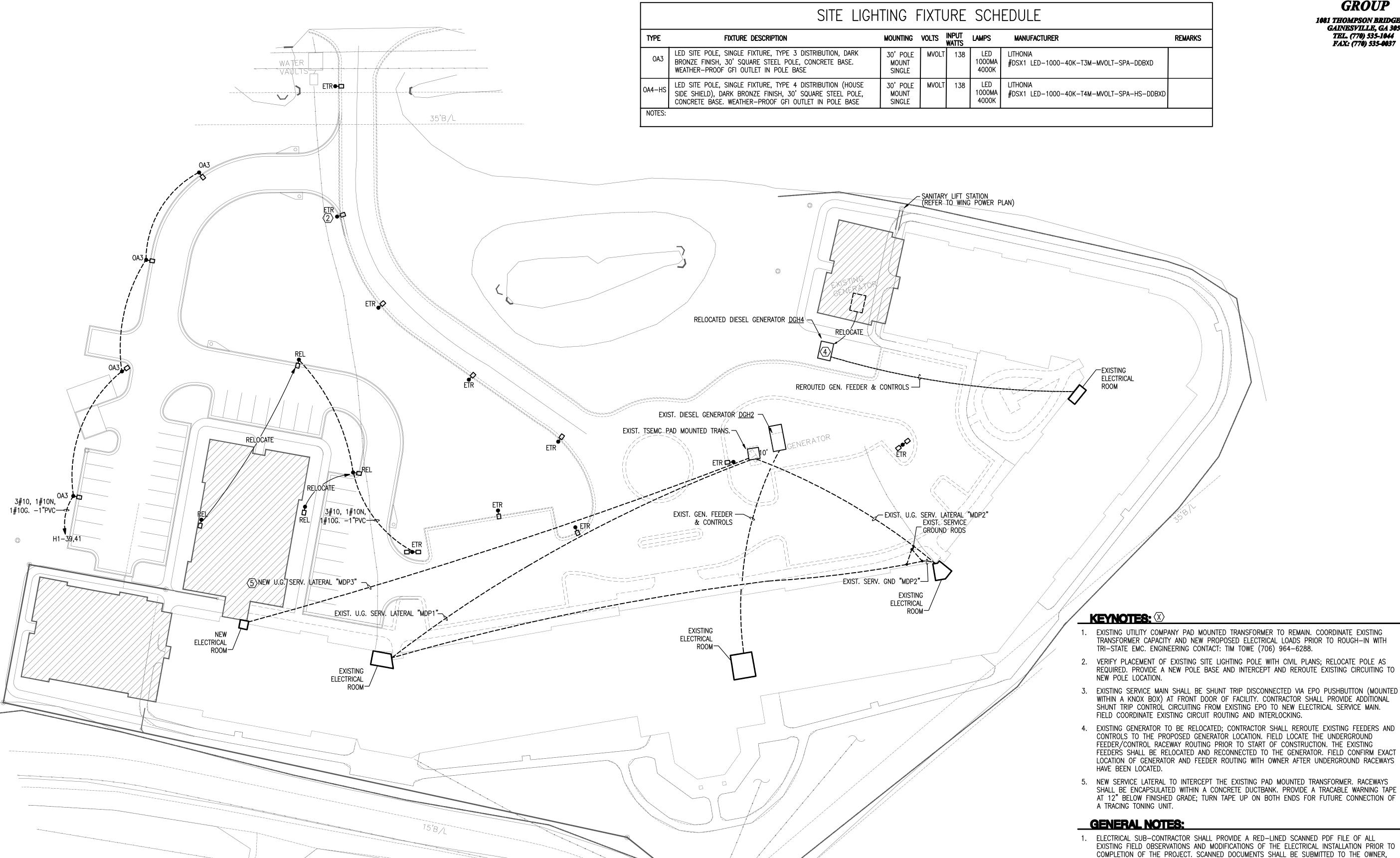
DATE:

DRAWN BY:

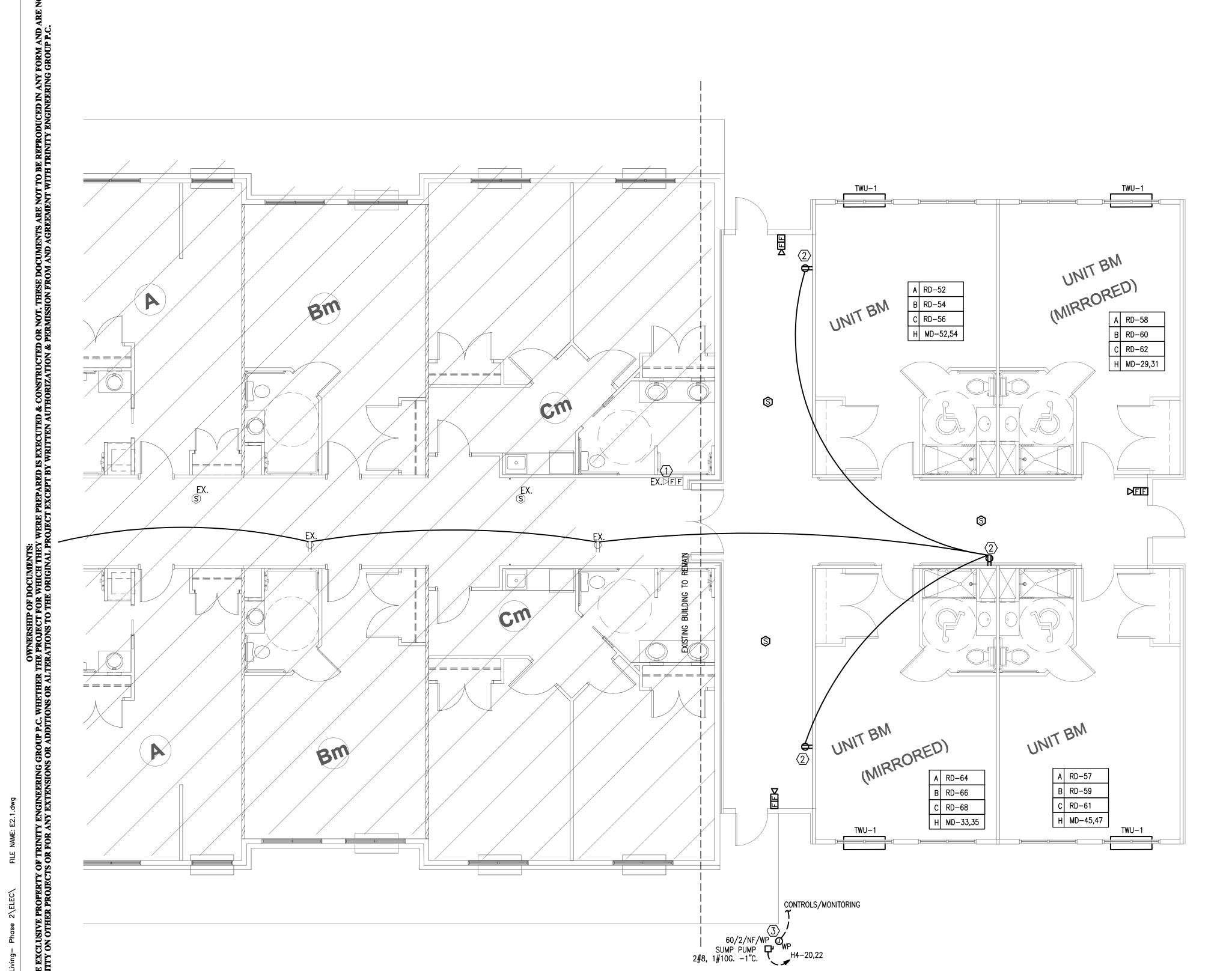
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PROJECT NO. | SHEET NO.:

R Design Works



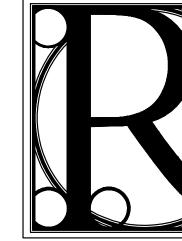
ELECTRICAL SITE PLAN
SCALE: 1" = 30'-0"



1 ELECTRICAL POWER PLAN- WING D
SCALE: 3/16" = 1'-0"

KEYNOTES: 🗵

- 1. EXISTING FIRE ALARM STATION TO BE RELOCATED.
- 2. EXTEND CIRCUIT TO EXISTING RECEPTACLE CIRCUIT WITHIN CORRIDOR. FIELD VERIFY EXISTING CONNECTION.
- 3. PROVIDE ELECTRICAL CONNECTION TO SANITARY SUMP LIFT PUMP. COORDINATE EXACT LOCATION WITH PLUMBING SUB-CONTRACTOR. EXTEND (2) 1"C. FROM PUMP CONTROL PANEL INTO BUILDING FOR CONTROLS AND MONITORING.



DESIGN WORKS

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PROJECT NO. SHEET NO.:

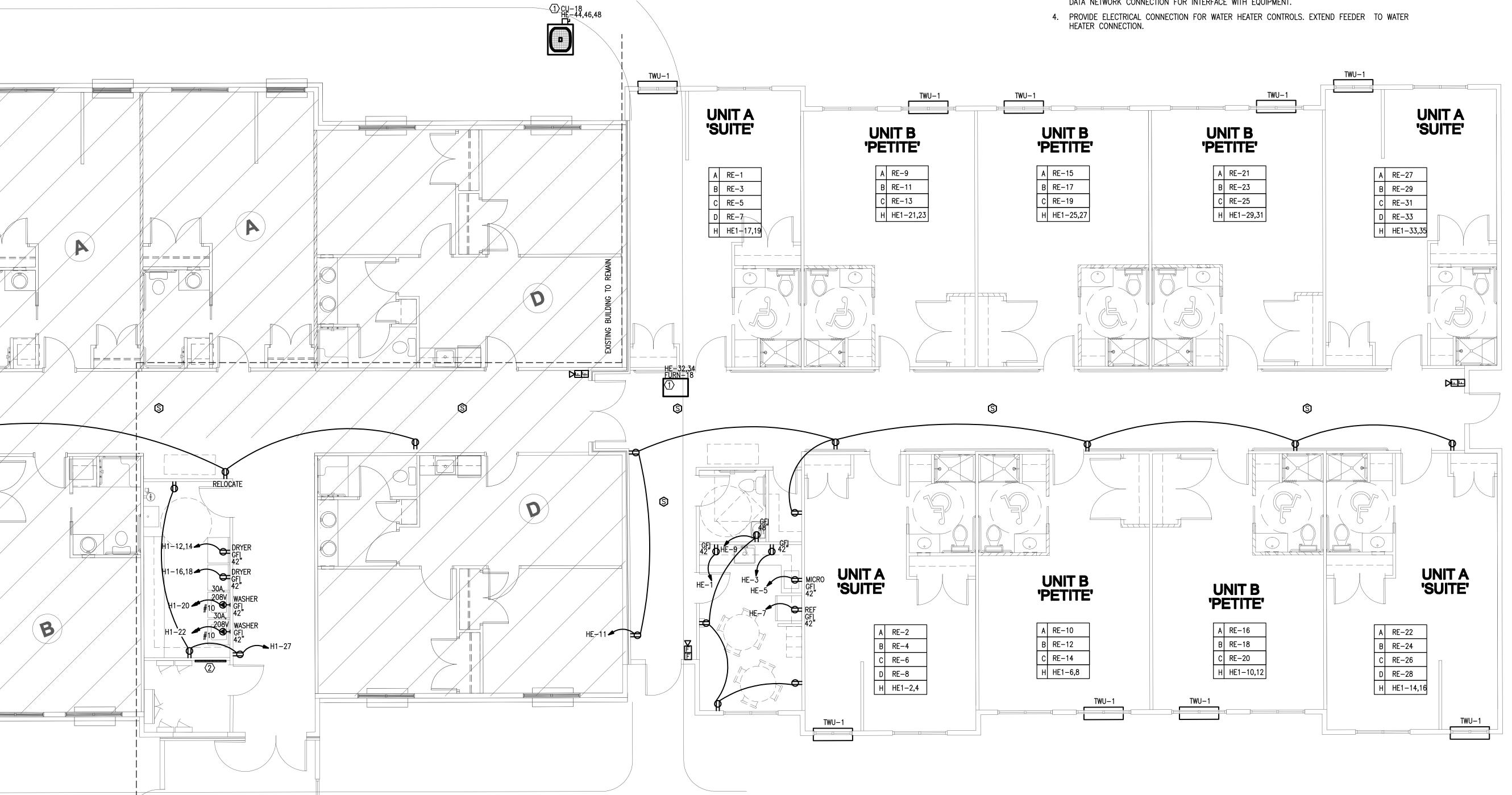
1743 **E-2.1**

KEY PLAN AREA OF WORK

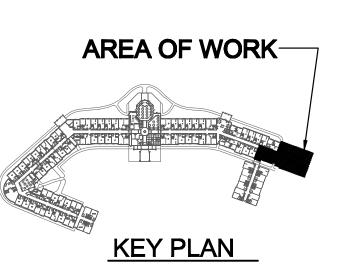
1081 THOMPSON BRIDGE RD GAINESVILLE, GA 30501 TEL. (770) 535-1044 FAX: (770) 535-0037

<u>KEYNOTES: (X)</u>

- 1. REFER TO THE MECHANICAL-ELECTRICAL EQUIPMENT SCHEDULES FOR ELECTRICAL OVER-CURRENT AND FEEDER REQUIREMENTS OF UNIT. LOCATE OVER-CURRENT PROTECTIVE SERVICE DEVICE IN COMPLIANCE WITH THE NEC WORKING CLEARANCE REQUIREMENTS.
- 2. PROVIDE A 3/4" PLYWOOD BACKBOARD ON WALL OF ROOM. BACKBOARD SHALL BE PAINTED WITH A FIRE RETARDANT PAINT AND ANCHORED TO THE WALL FRAMING. EXTEND (1) 4" PVC FROM THE BACKBOARD SURFACE OUT TO THE TELEPHONE SERVICE PROVIDERS PEDESTAL; RACEWAY CAPPED ON BOTH ENDS TO PREVENT DEBRIS FROM ENTERING RACEWAY. PROVIDE A UTILITY LOCATE DETECTABLE, SEQUENTIAL FOOTAGE MARKED WOVEN POLYESTER PULL CORD WITHIN RACEWAY FOR INSTALLATION OF CABLING BY THE SERVICE PROVIDER. EXTEND (1) #6AWG FROM A 10-LUG BUS BAR (MOUNTED ON THE BACK BOARD) TO THE UTILITY SERVICE GROUND; CONDUCTOR SHALL BE EXOTHERMICALLY BONDED TO THE SERVICE GROUND SYSTEM.
- 3. PROVIDE A 30/3/F20A SERVICE DISCONNECT FOR LAUNDRY EQUIPMENT. EXTEND 3#10, 1#10G. -1/2"C. FROM DISCONNECT BACK TO ELECTRICAL PANEL AS INDICATED. COORDINATE EXACT ELECTRICAL REQUIREMENTS OF LAUNDRY EQUIPMENT WITH VENDER PRIOR TO ROUGH—IN. PROVIDE DATA NETWORK CONNECTION FOR INTERFACE WITH EQUIPMENT.



1 ELECTRICAL POWER PLAN- WING A SCALE: 3/16" = 1'-0"



DESIGN WORKS

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FANNIN COUNTY: 722 Black Dog Trail P.□. Box 639

Blue Ridge, GA 30513 Phone 706.374.4304

BLUE RIDGE ASSISTED L 1600 BALLEWTOWN ROA (FANNIN COUNTY)

ISSUE:



02.08.2018 **DRAWN BY:**

PROJECT NO. SHEET NO.:

02.08.18

1743 **E-2.2**

KEYNOTES: 🗵

REFER TO THE MECHANICAL-ELECTRICAL EQUIPMENT SCHEDULES FOR ELECTRICAL OVER-CURRENT AND FEEDER REQUIREMENTS OF UNIT. LOCATE OVER-CURRENT PROTECTIVE SERVICE DEVICE IN COMPLIANCE WITH THE NEC WORKING CLEARANCE REQUIREMENTS.

DESIGN WORKS

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FANNIN COUNTY: 722 Black Dog Trail P.D. Box 639

Blue Ridge, GA 30513 Phone 706.374.4304

ISSUE:

-AREA OF WORK

KEY PLAN

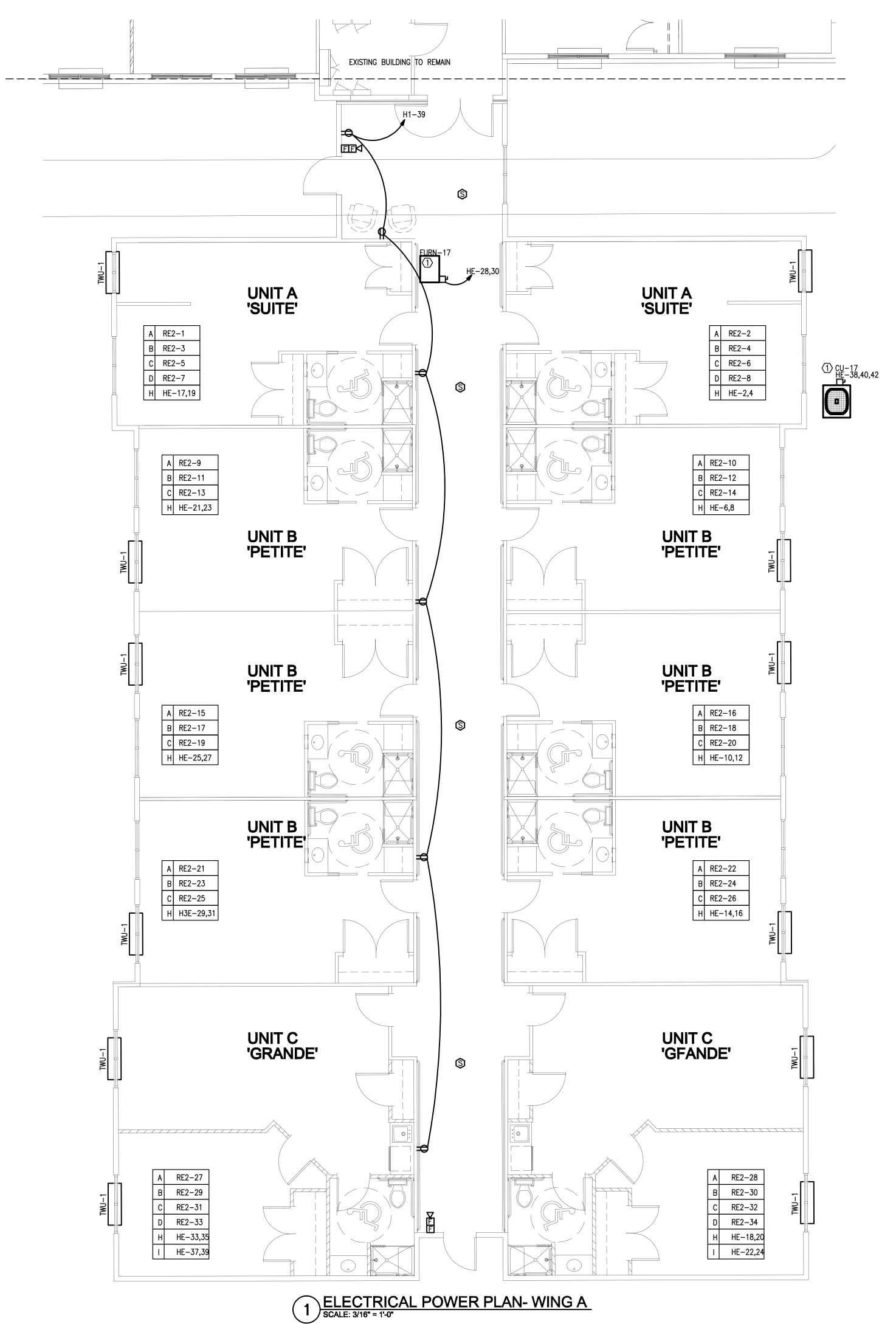


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PROJECT NO. SHEET NO.:

1743 **E-2.3**



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FANNIN COUNTY: 722 Black Dog Trail P.D. Box 639

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ISSUE:

SEAL

KEY PLAN

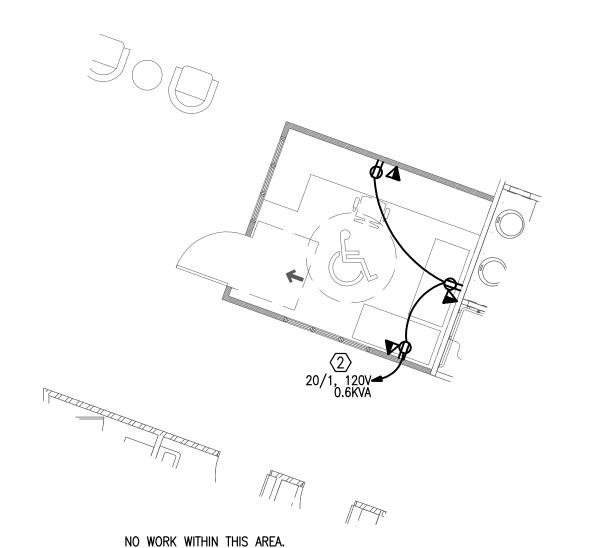


02.08.2018 DATE: **DRAWN BY:**

02.08.18

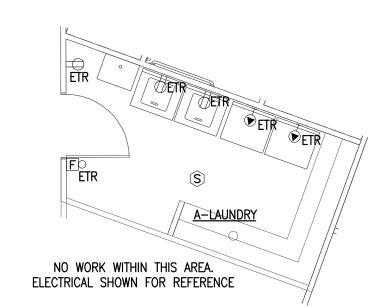
PROJECT NO. SHEET NO.: E-2.4

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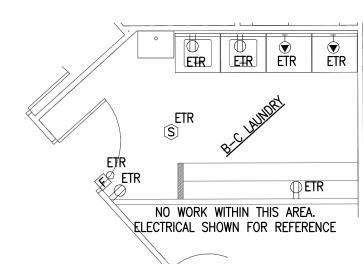


1 ELECTRICAL PLAN-AL NURSE STATION
SCALE: 3/16" = 1'-0"

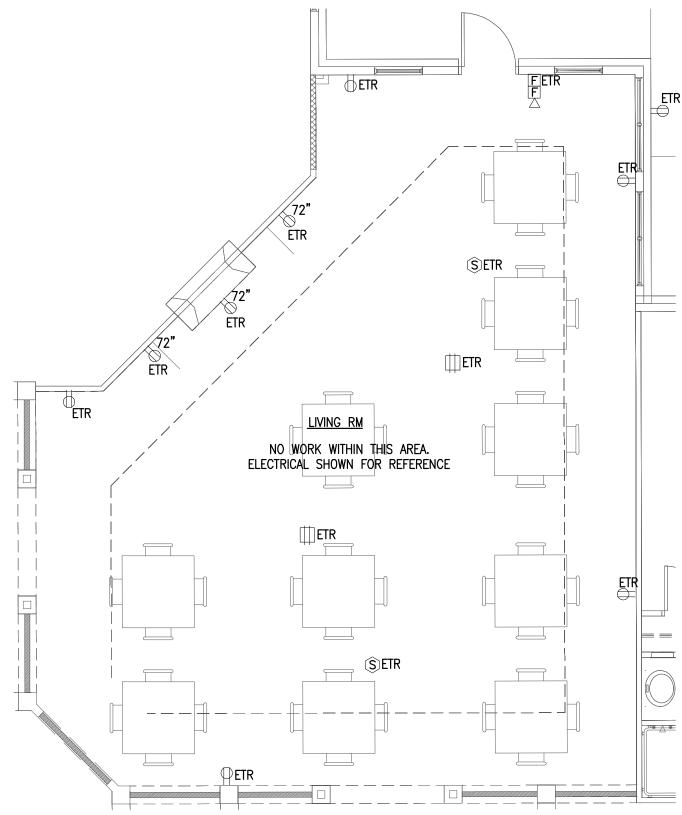
ELECTRICAL SHOWN FOR REFERENCE



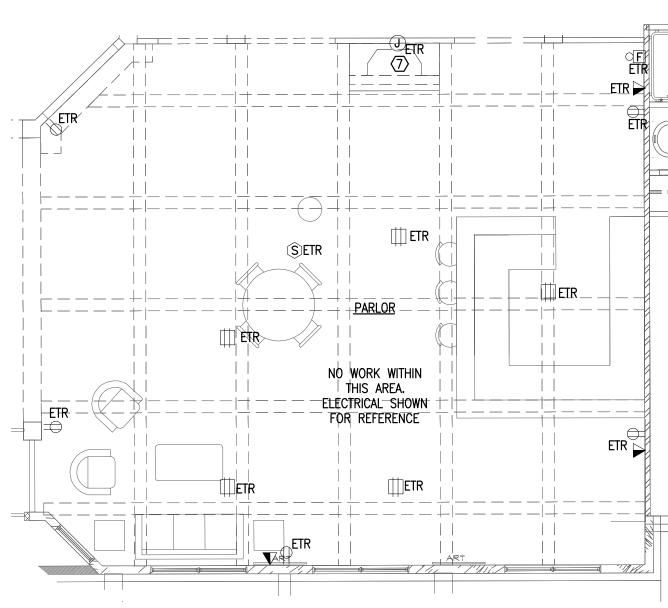




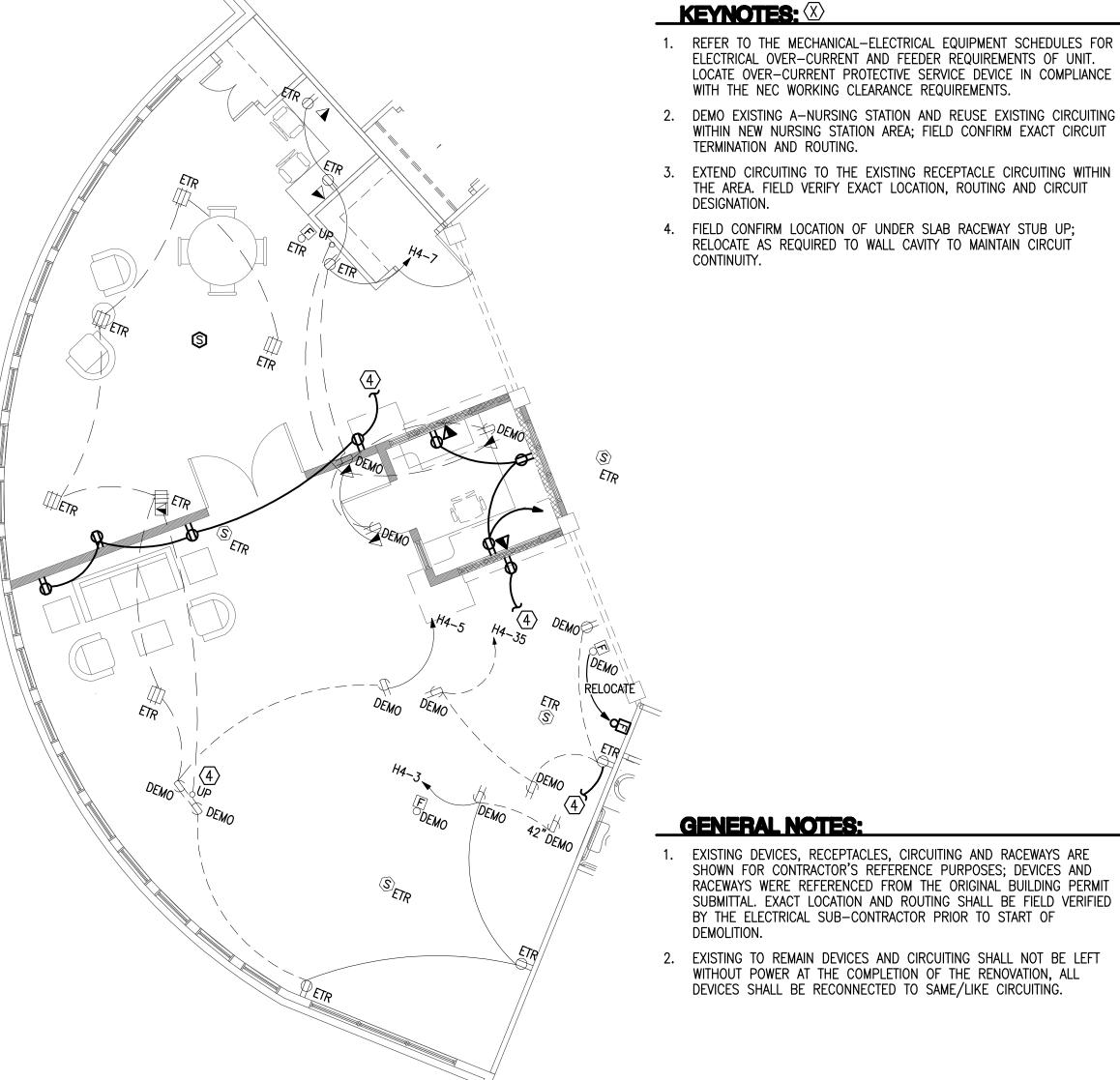
6 ELECTRICAL PLAN-LAUNDRY ROOM
SCALE: 3/16" = 1/40"



3 ELECTRICAL PLAN-CAFETERIA EXPANSION
SCALE: 3/16" = 11-0"



4 ELECTRICAL PLAN-BISTRO SCALE: 3/16" = 1'-0"



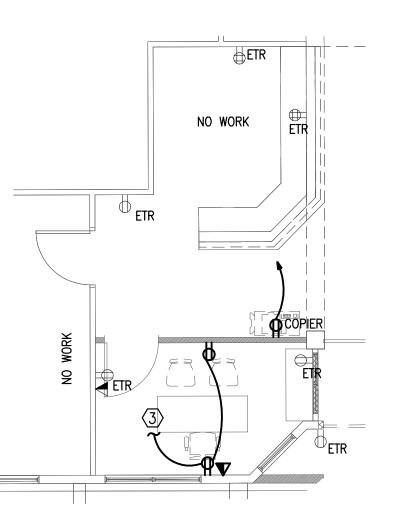
DESIGNATION.

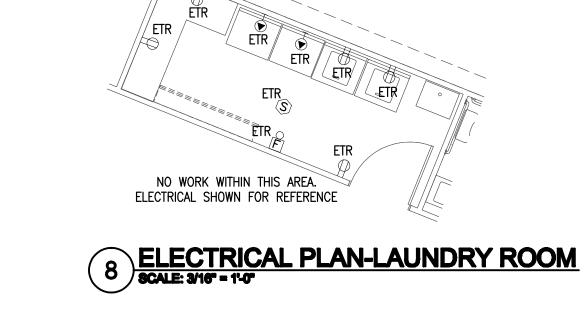
1. EXISTING DEVICES, RECEPTACLES, CIRCUITING AND RACEWAYS ARE SHOWN FOR CONTRACTOR'S REFERENCE PURPOSES; DEVICES AND RACEWAYS WERE REFERENCED FROM THE ORIGINAL BUILDING PERMIT SUBMITTAL. EXACT LOCATION AND ROUTING SHALL BE FIELD VERIFIED BY THE ELECTRICAL SUB-CONTRACTOR PRIOR TO START OF DEMOLITION.

ELECTRICAL OVER-CURRENT AND FEEDER REQUIREMENTS OF UNIT. LOCATE OVER-CURRENT PROTECTIVE SERVICE DEVICE IN COMPLIANCE WITH THE NEC WORKING CLEARANCE REQUIREMENTS.

2. EXISTING TO REMAIN DEVICES AND CIRCUITING SHALL NOT BE LEFT WITHOUT POWER AT THE COMPLETION OF THE RENOVATION, ALL DEVICES SHALL BE RECONNECTED TO SAME/LIKE CIRCUITING.

7 ELECTRICAL PLAN-NURSING/MC DIRECTOR STATION SCALE: 3/16" = 1'-0"





5 ELECTRICAL PLAN-SLC OFFICE SCALE: 3/16" = 1'-0"

<u>KEYNOTES: (X)</u>

3. EXISTING EXIT SIGN TO BE RELOCATED.

2. PROVIDE A 30/3/F20A SERVICE DISCONNECT FOR LAUNDRY EQUIPMENT. EXTEND 3#10, 1#10G. -1/2"C. FROM DISCONNECT BACK TO ELECTRICAL PANEL AS INDICATED. COORDINATE EXACT ELECTRICAL REQUIREMENTS OF LAUNDRY EQUIPMENT WITH VENDER PRIOR TO ROUGH-IN. PROVIDE DATA NETWORK CONNECTION FOR INTERFACE WITH EQUIPMENT.

4. EXTEND CIRCUIT TO EXISTING LIGHTING CIRCUIT WITHIN CORRIDOR. FIELD VERIFY EXISTING CONNECTION.

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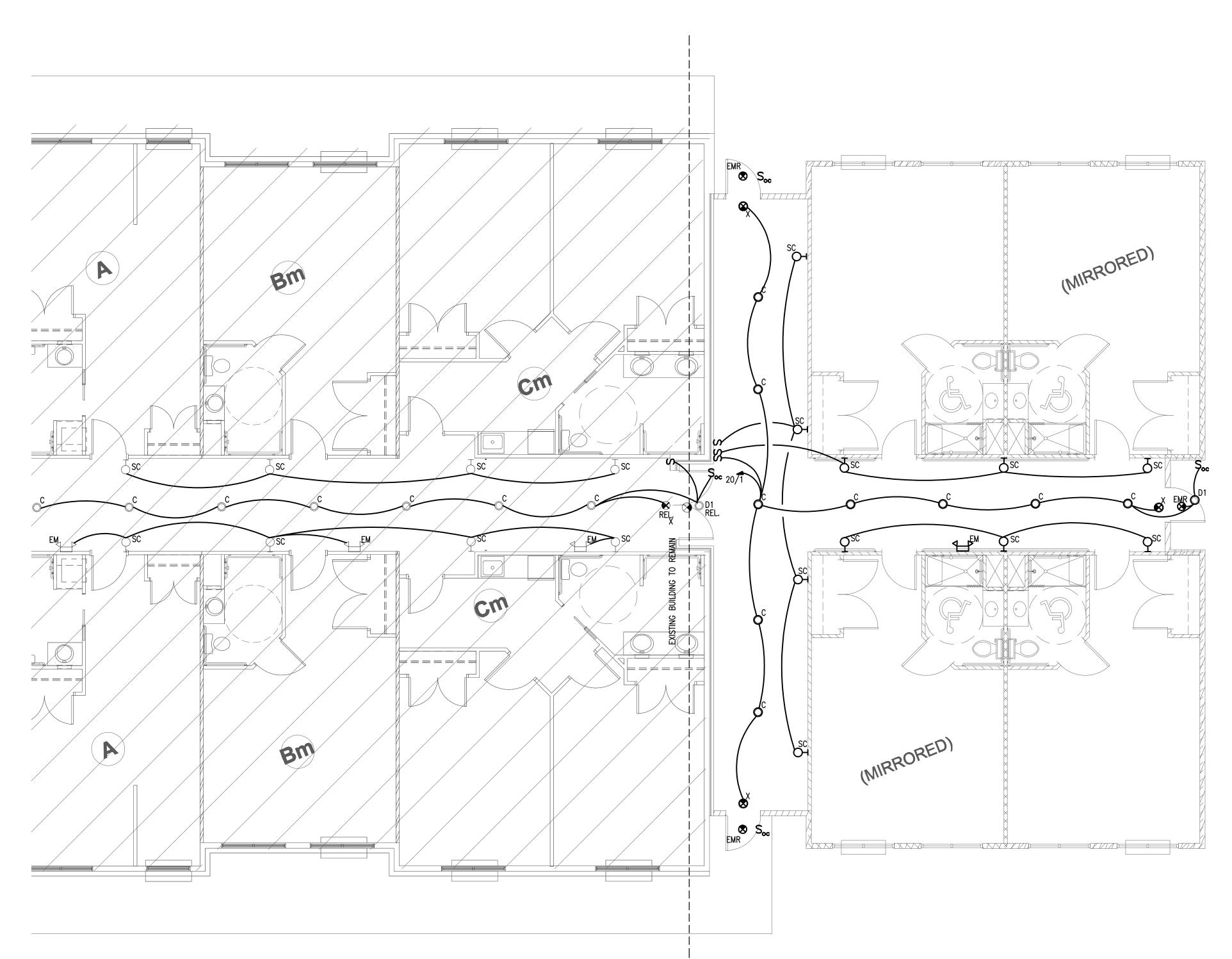
C



02.08.18

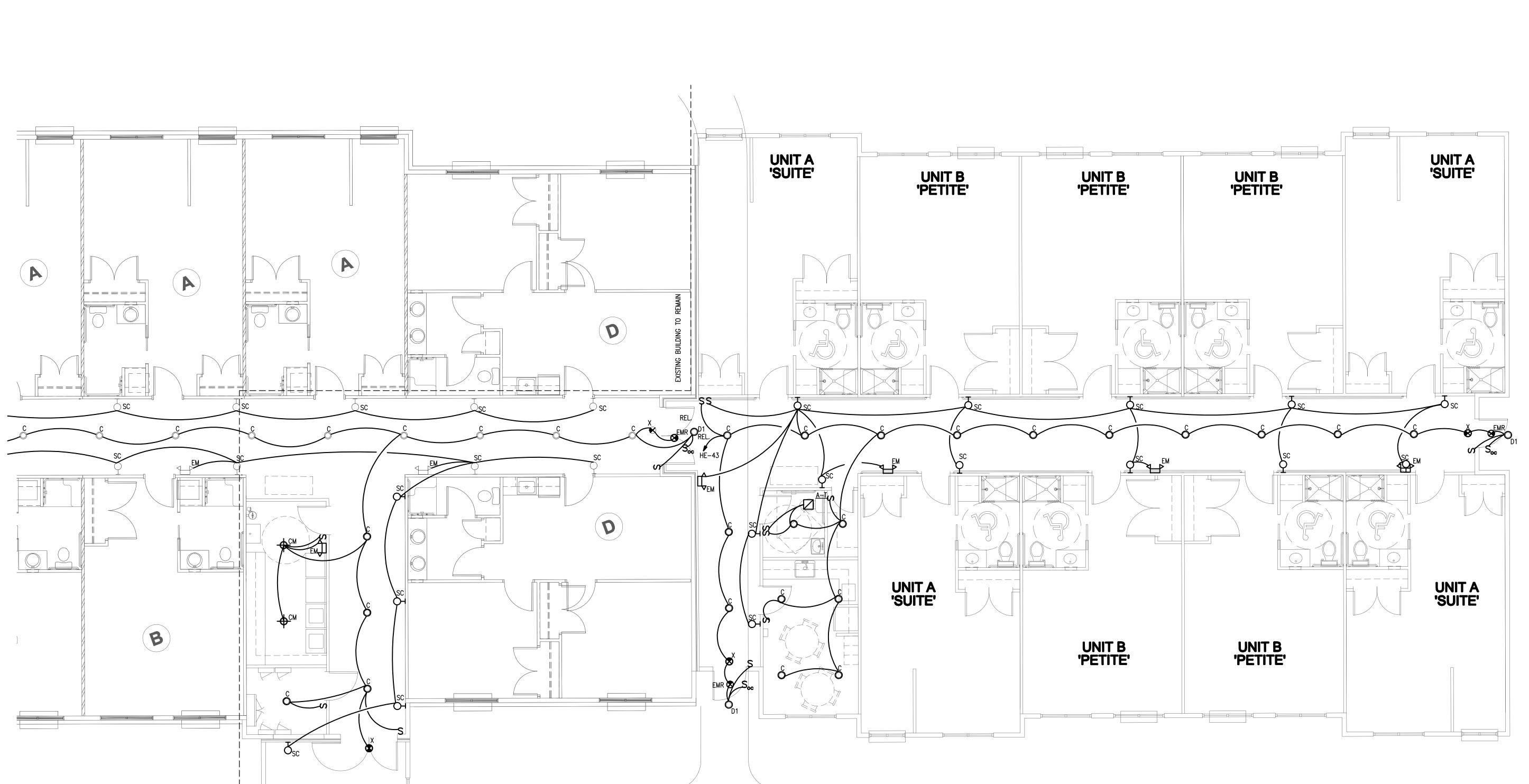
PROJECT NO. SHEET NO.:

1743 **E-3.1**

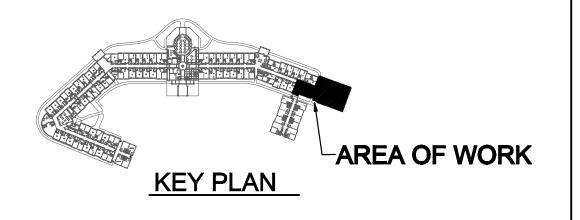


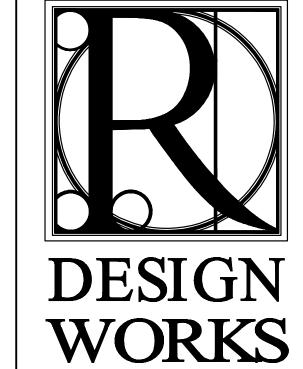
1 ELECTRICAL LIGHTING PLAN- WING D SCALE: 3/16" = 1'-0"

KEY PLAN AREA OF WORK-



1 ELECTRICAL POWER PLAN- WING A SCALE: 3/16" = 1'-0"





COBB COUNTY: 1480 Shiloh Road NW Suite #300 Kennesaw, GA 30144 Phone 770.790.3655 Fax 770.790.3650

FANNIN COUNTY:
722 Black Dog Trail
P.O. Box 639
Blue Ridge, GA 30513
Phone 706.374.4304

BLUE RIDGE ASSISTED L 1600 BALLEWTOWN ROA (FANNIN COUNTY)

ISSUE: REVISIONS:

G PLAN

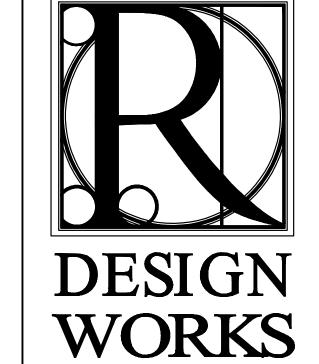
SEAL

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1743 **E-3.2**



COBB COUNTY: 1480 Shiloh Road NW Suite #300 Kennesaw, GA 30144 Phone 770,790,3655 Fax 770,790,3650

FANNIN COUNTY: 722 Black Dog Trail P.O. Box 639

Blue Ridge, GA 30513 Phone 706.374.4304

G PLAN

ISSUE: REVISIONS:



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| 02.08.2018 |
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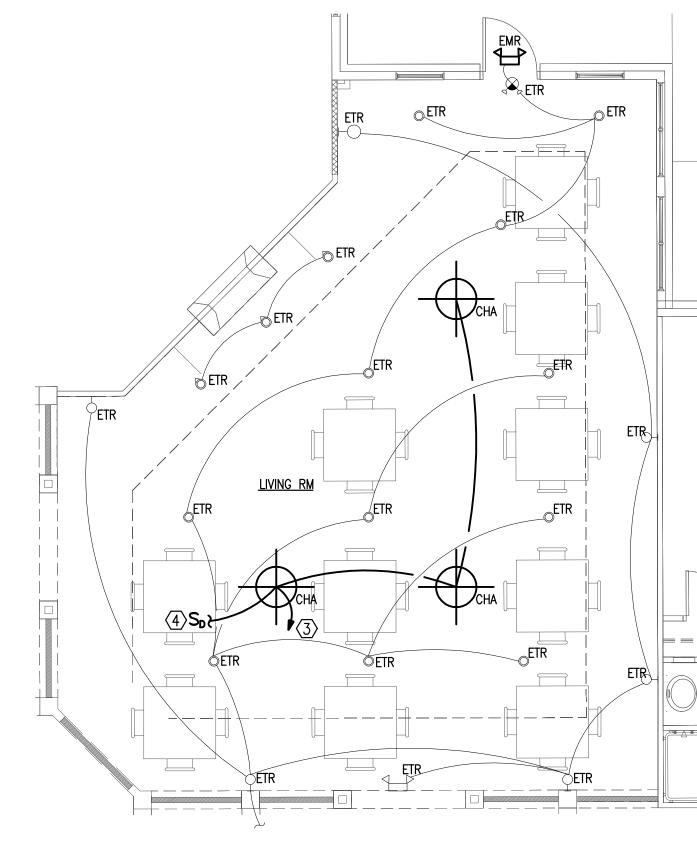
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02.08.18

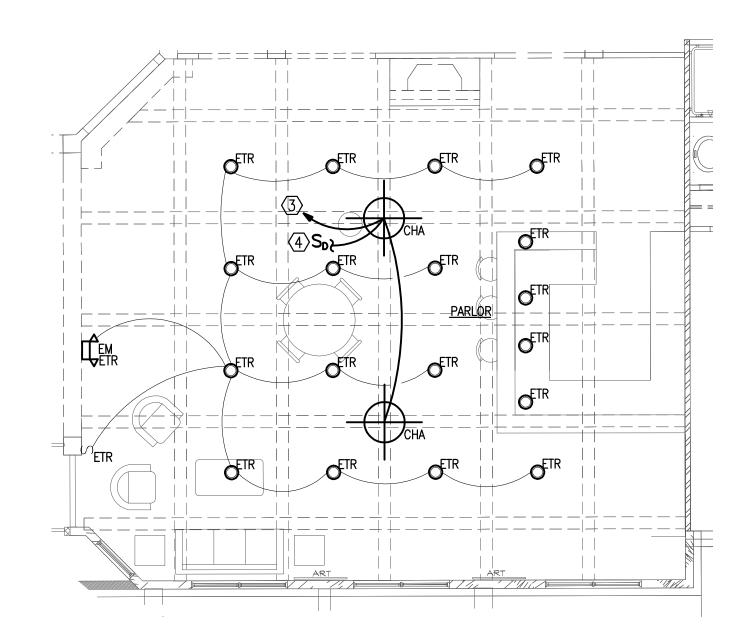
PROJECT NO. SHEET NO.:

1743 **E-3.3**

-AREA OF WORK KEY PLAN



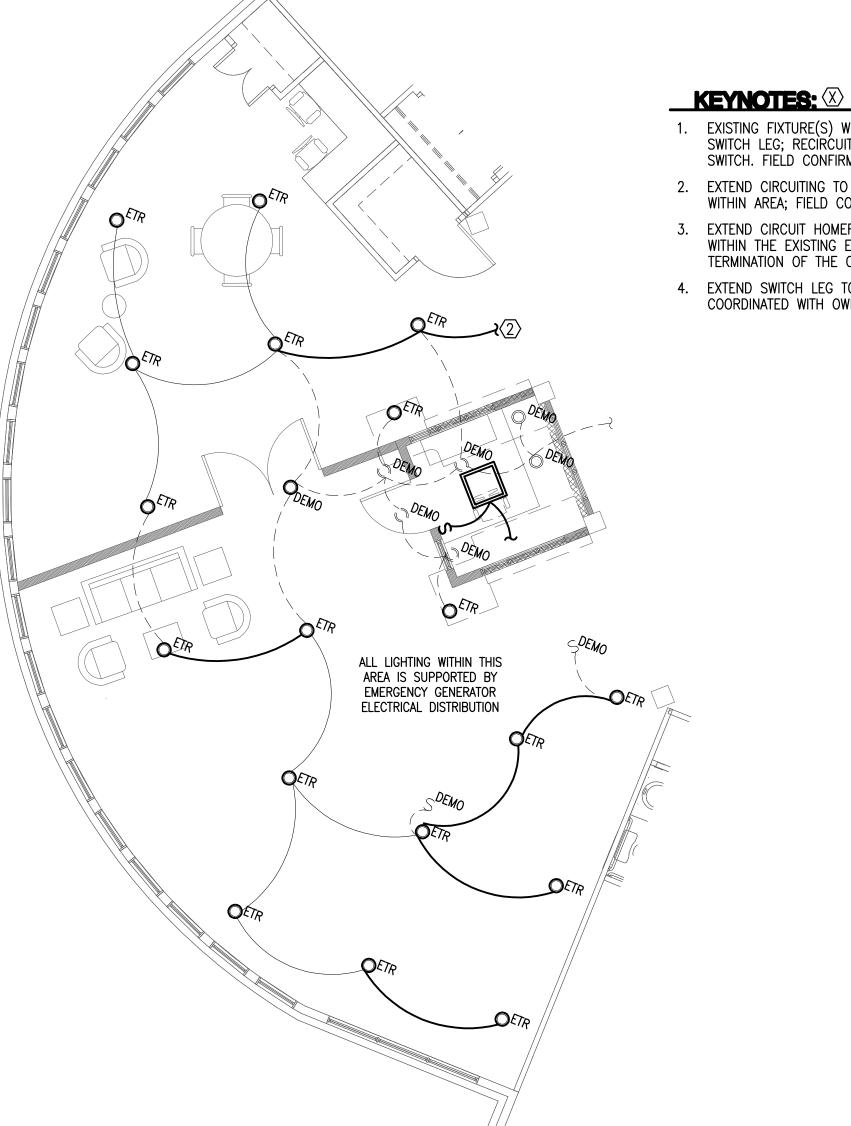
3 ELECTRICAL PLAN-CAFETERIA EXPANSION
SCALE: 3/16" = 1'-0"



4 ELECTRICAL PLAN-BISTRO SCALE: 3/16" = 1'-0"

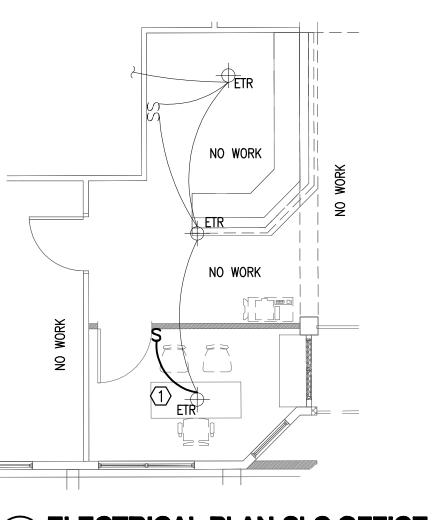
TRINITY **ENGINEERING GROUP**

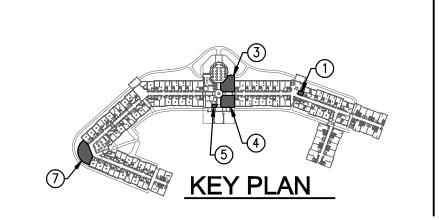
1081 THOMPSON BRIDGE RD GAINESVILLE, GA 30501 TEL. (770) 535-1044 FAX: (770) 535-0037

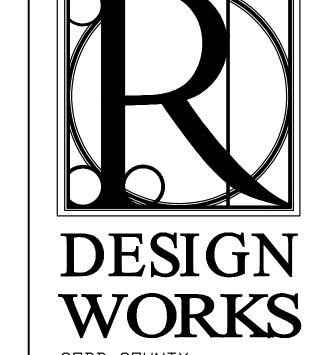


- EXISTING FIXTURE(S) WITHIN ROOM SHALL BE PROVIDED WITH A NEW SWITCH LEG; RECIRCUIT FIXTURE FOR CONTROL VIA NEW WALL TOGGLE SWITCH. FIELD CONFIRM EXACT CIRCUIT ROUTING.
- 2. EXTEND CIRCUITING TO AN UNSWITCHED LIGHTING PHASE CONDUCTOR WITHIN AREA; FIELD CONFIRM EXACT CONNECTION LOCATION.
- 3. EXTEND CIRCUIT HOMERUN TO A NEW 20A, 120V CIRCUIT BREAKER WITHIN THE EXISTING ELECTRICAL PANEL. FIELD VERIFY EXACT TERMINATION OF THE CIRCUIT HOMERUN.
- 4. EXTEND SWITCH LEG TO A NEW DIMMER SWITCH; EXACT LOCATION TO BE COORDINATED WITH OWNER PRIOR TO ROUGH—IN

7 ELECTRICAL PLAN-NURSING/MC DIRECTOR STATION
SCALE: 3/16" = 1'-0"







COBB COUNTY: 1480 Shiloh Road NW Suite #300 Kennesaw, GA 30144 Phone 770.790.3655 Fax 770.790.3650

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ISSUE: REVISIONS:



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PROJECT NO. SHEET NO.:

1743 **E-3.4**

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5 ELECTRICAL PLAN-SLC OFFICE SCALE: 3/16" = 11-0"