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GENERAL NOTES

- ALL WORK SHALL BE COORDINATED WITH THE WORK OF OTHER TRADES TO AVOID INTERFERENCES AND CONFLICTS. REFER TO THE DRAWINGS OF THE RESPECTIVE SYSTEMS PRIOR TO SUBMISSION OF BIDS FOR ADDITIONAL WORK WHICH MAY BE REQUIRED AS PART OF THIS WORK. NO ALLOWANCES WILL BE MADE FOR THE LACK OF COORDINATION BETWEEN DISCIPLINES OR SYSTEMS AND EQUIPMENT.
- THE WORK SHALL BE COORDINATED WITH THE ARCHITECTURAL DOCUMENTS FOR THE EXACT LOCATION OF LIGHT FIXTURES, EQUIPMENT, DEVICES, ETC. TO ASSURE PROPER PLACEMENT OF SAID DEVICES AND EQUIPMENT. SWITCHES SHALL BE PLACED ON LATCH SIDE OF ALL DOOR OPENINGS. WHERE A CONFLICT EXISTS BETWEEN ANY TWO DOCUMENTS, NOTIFY THE ARCHITECT PRIOR TO ANY INSTALLATION FOR RESOLUTION.
- THE CONTRACTOR SHALL VERIFY ALL EQUIPMENT BEING INSTALLED PRIOR TO INSTALLATION TO ASSURE THAT THE FEEDER, DISCONNECT, STARTER, OVERCURRENT PROTECTION, ETC. MATCHES THE ACTUAL NAMEPLATE DATA AS SUPPLIED BY THE MANUFACTURER. FULLY COORDINATE EQUIPMENT TO BE PROVIDED TO ASSURE NO ADDITIONAL COSTS TO THE CONTRACT.
- CONDUIT HOMERUNS MAY BE COMBINED TO INCLUDE UP TO FOUR (4) CIRCUITS. PROVIDE QUANTITY OF NEUTRALS INDICATED FOR EACH CIRCUIT.
- SPECIFIC REQUIREMENTS REGARDING MATERIALS, WORKMANSHIP AND THE WORK TO BE DONE ARE COVERED BY THE SPECIFICATIONS WHICH COMPLEMENT THE PLANS. WORK CALLED FOR BY THE SPECIFICATIONS OR THE PLANS IS REQUIRED THE SAME AS IF REQUIRED BY BOTH. WHERE A CONFLICT EXISTS BETWEEN THE PLANS AND THE SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS OF THE TWO SHALL APPLY UNLESS SPECIFICALLY APPROVED IN WRITING BY THE ARCHITECT/ENGINEER.
- COORDINATE ALL CUSTOM RECEPTACLES AND CIRCUITS WITH EQUIPMENT FURNISHED BY OWNER. PROVIDE OUTLETS COMPATIBLE WITH EQUIPMENT REQUIREMENTS.
- PROVIDE FIRE ALARM CONTROL PANEL AT LOCATION SHOWN IN ACCORDANCE WITH NFPA 72. PROVIDE ADEQUATE ALARM RECEIVING AND OUTPUT MODULES TO ACCOMMODATE DEVICES SHOWN ON PLANS. ALL COMPONENTS OF THE FIRE ALARM SYSTEM SHALL CONFORM TO ADA GUIDELINES.
- SUPPORT ALL ELECTRICAL CONDUIT, RACEWAY, OUTLET AND JUNCTION BOXES VIA THREADED ROD OR DEDICATED INDEPENDENT #12 GA GALVANIZED TIE WIRE. DO NOT SECURE ANY ITEM EXCEPT LIGHT FIXTURES TO CEILING CONSTRUCTION OR SUPPORT WIRES. SUPPORT MULTIPLE CONDUITS FROM ADDITIONAL WIRES COMPLYING WITH NEC ART. 300.11.
- ALL PANELS SHALL HAVE CORRECT BAKELITE NAMEPLATE ON THE COVER, LABELED CIRCUIT NUMBERING AND UPDATED, TYPEWRITTEN PANELBOARD DIRECTORIES. DO NOT SIMPLY USE COPIES OF DESIGN PANEL SCHEDULES FROM DRAWINGS.
- ALL CONDUIT PENETRATIONS OF FIRE RATED WALLS, FLOORS, AND PARTITIONS SHALL BE FIRESHOPPED WITH A U.L. RECOGNIZED PRODUCT RESTORING THE INTEGRITY OF THE BARRIER PENETRATED. UTILIZE NELSON "SSP" FIRESHOP PUTTY, "PDS" PIPE CHOKER SYSTEM, OR "CLK" FIRESHOP CAULK TO PROVIDE A U.L. LISTED ASSEMBLY, OR APPROVED ALTERNATE.
- CONTRACTOR SHALL TEST EACH AND EVERY WIRING DEVICE AND LIGHT FIXTURE FOR CORRECT OPERATION AND DOCUMENT PROJECT VOLTAGE READINGS. PROVIDE COPY OF LIGHTING AND POWER FLOOR PLANS WITH DEVICES AND FIXTURES HIGHLIGHTED TO INDICATE SUCCESSFUL TESTING AND OPERATION. SUBMIT TO THE ARCHITECT PRIOR TO REQUEST FOR FINAL CONSTRUCTION REVIEW.
- FIRE ALARM VISUAL SIGNALING DEVICES SHALL BE 75cd STROBES MINIMUM AND SHALL COMPLY WITH UL 1368.
- REFER TO EQUIPMENT CUT SHEETS AND MANUFACTURER'S DATA FOR ROUGH IN LOCATIONS OF ELECTRICAL CONNECTIONS AND INTERCONNECTIONS OF ALL EQUIPMENT.
- CONTRACTOR SHALL COORDINATE ELEVATIONS AND PIPING SYSTEM SLOPES SUCH THAT DUCTWORK, PIPING, RACEWAY, CABLE TRAY, AND ASSOCIATED EQUIPMENT IS INSTALLED AT UNIFORM ELEVATIONS WITH MINIMAL OFFSET. PROVIDE COORDINATION DRAWING TO ENGINEER FOR REVIEW PRIOR TO EQUIPMENT ORDERS AND ROUGH-IN.
- COORDINATE WITH SPECIALTY SYSTEMS VENDORS TO PROVIDE RACEWAY AND CABLING, POWER AND CONTROL INTERFACES AS REQUIRED FOR COMPLETE, OPERABLE SYSTEMS.
- AFTER INSTALLATION OF ALL NEW DISTRIBUTION EQUIPMENT, THE CONTRACTOR SHALL CONDUCT A FULL SHORT CIRCUIT COORDINATION STUDY TO CONFIRM REQUIRED CIRCUIT BREAKER ADJUSTABLE SETTINGS AND FUSE RATINGS FOR ALL EQUIPMENT TO BE PROVIDED. PROVIDE REPORT INDICATING RECOMMENDED SETTINGS AND TRIP CURVES.
- ALL ELECTRICAL EQUIPMENT SHALL BE MARKED WITH ARC FLASH HAZARD WARNING LABELS IN ACCORDANCE WITH THE REQUIREMENTS OF NEC 110.16.
- FOR 120V AND 277V BRANCH CIRCUITS RUNS OVER 100' AND 200' RESPECTIVELY PROVIDE #10 AWG CONDUCTORS.

ELECTRICAL CONTRACTOR UTILITY REQUIREMENTS

- CONFIRM SERVICE ENTRY LOCATIONS, ROUTING, AND OTHER REQUIREMENTS WITH UTILITY COMPANIES.
- COORDINATE AND PROVIDE TEMPORARY POWER FOR THE COMPLETION OF THIS PROJECT AS REQUIRED.

SYSTEMS INFORMATION

REFER TO LOW VOLTAGE / TECHNOLOGY DRAWINGS FOR ADDITIONAL ELECTRICAL REQUIREMENTS.

VOICE/DATA SYSTEMS:
PROVIDE OUTLET BOXES AND CONDUIT STUB-UPS WITH PULL STRINGS ONLY. ALL DEVICES AND WIRING BY OTHERS.

SECURITY / ACCESS CONTROL SYSTEMS:
PROVIDE OUTLET BOXES AND CONDUIT STUB-UPS WITH PULL STRINGS ONLY. ALL DEVICES AND WIRING BY OTHERS.

POWER RECEPTACLES NOTE

- ALL RECEPTACLES IN PUBLIC AREAS, CORRIDORS, AND UNITS SHALL BE TAMPER-RESISTANT TYPE.
- IN SERVICE AREAS, THE COLOR SHALL BE WHITE WITH STAINLESS STEEL COVERPLATES, UNLESS NOTED OTHERWISE.
- IN PUBLIC AREAS, THE RECEPTACLE AND COVERPLATE COLORS SHALL BE COORDINATED WITH THE COLORS OF THE SURROUNDINGS. ARCHITECT AND INTERIOR DESIGNER TO PROVIDE FINAL APPROVAL BEFORE INSTALLATION.

COVERP LATE ENGRAVINGS

ENGRAVE ALL RECEPTACLE AND LIGHT SWITCH COVER PLATES WITH PANEL AND CIRCUIT NUMBER. DO NOT USE PRINTED OUT LABELS.

LIGHTNING PROTECTION SYSTEM

- PROVIDE A COMPLETE UL LISTED, CLASS II, LIGHTNING PROTECTION SYSTEM IN ACCORDANCE WITH NFPA 780 & UL 96A.
- OBTAIN A UL MASTER LABEL.
- CONCEAL CONDUCTORS IN CONDUIT WITHIN BUILDING WALLS.
- COORDINATE INSTALLATION WITH ROOFING CONTRACTOR TO AVOID VOIDING ROOF WARRANTY.

AREA OF REFUGE / TWO-WAY COMMUNICATIONS SYSTEM

PROVIDE RECEPTACLE AND DATA OUTLET FOR AREA OF REFUGE BASE STATION AT 60" AT LOCATION APPROVED BY AHJ. BASE STATION TO BE MOUNTED 60" AFF TO CENTER PER CODE.

PROVIDE DATA OUTLET FOR AREA OF REFUGE CALL BOX AT 48" AT EACH ELEVATOR OR STAIR LANDING, ABOVE AND BELOW LEVEL OF DISCHARGE. CALL BOX TO BE MOUNTED 48" AFF TO PUSH BUTTON. COORDINATE EXACT LOCATION WITH ARCHITECT, FINAL LOCATION APPROVAL BY AHJ.

TWO-WAY COMMUNICATIONS SYSTEM TO BE PROVIDED WITH BATTERY BACKUP.

EMERGENCY RESPONDER / PUBLIC SAFETY RADIO ENHANCEMENT SYSTEM

- PROVIDE AN EMERGENCY RESPONDER / PUBLIC SAFETY RADIO ENHANCEMENT SYSTEM, ALSO KNOWN AS BDA / DAS (BI-DIRECTIONAL AMPLIFIER/DISTRIBUTED ANTENNA SYSTEM), FOR ALL AREAS OF THE BUILDING WHERE TESTING INDICATES THAT SIGNAL STRENGTH DOES NOT MEET MINIMUM CRITERIA.
- SYSTEM SHALL CONFORM TO NFPA 72, CH 24.3.13.8.
- COORDINATE WITH THE CITY OF JUNO BEACH INFORMATION TECHNOLOGY DEPARTMENT, JUNO BEACH DEPARTMENT OF CONSTRUCTION AND INSPECTIONS, AND THE JUNO BEACH FIRE DEPARTMENT FOR ALL NECESSARY REQUIREMENTS, SUBMITTALS, TESTING & DOCUMENTATION.
- WHERE REQUIRED, THERE SHALL BE ONE SYSTEM FOR THE BUILDING.

- PROVIDE STANDBY POWER FOR SYSTEM (MIN. 12 HOURS) AS REQUIRED BY SECTION 917 OF FLORIDA FIRE PREVENTION CODE.

VOICE/ALARM COMMUNICATION SYSTEM

BUILDING SHALL BE PROVIDED WITH SPEAKER/STROBES DEVICES THROUGHOUT THE BUILDING. THE SYSTEM SHALL BE CAPABLE OF BROADCASTING LIVE AND PRE-RECORDED MESSAGES THROUGH SPEAKERS IN ALL AREAS OF THE BUILDING.

SMOKE DETECTOR / CARBON MONOXIDE DETECTORS

ALL PUBLIC AREAS AND RESIDENTIAL UNITS TO HAVE FULLY ADDRESSABLE SMOKE DETECTOR / CARBON MONOXIDE DETECTOR COVERAGE.

ALL SMOKE/CARBON MONOXIDE DETECTOR DEVICES LOCATED IN INDEPENDENT LIVING DWELLING UNITS SHALL BE TIED TOGETHER SO THAT IF ONE GOES OFF, ALL GO OFF INSIDE THE DWELLING UNIT. SMOKE/CARBON MONOXIDE DETECTORS SHALL NOT ACTUATE THE BUILDING FIRE ALARM SYSTEM BUT SHALL BE TIED TO FIRE ALARM ANNUNCIATOR PANEL.

AUTO DOOR OPERATORS

PROVIDE POWER FROM LOCAL NON-DEDICATED 120V CIRCUIT TO MOTORIZED DOORS WHERE INDICATED BY ARCHITECTURAL DRAWINGS. REFER TO LOW VOLTAGE DRAWINGS FOR ADDITIONAL SCOPE.

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION	MTG HT UNO
	ARROWHEAD INDICATES HOMERUN. X-1,3, AND 5 ADJACENT TO HOMERUN ARROWHEADS INDICATES HOMERUN TO PANEL X, CIRCUIT NUMBERS 1, 3, AND 5.	
	INDICATES CIRCUIT CONTINUATION OF CIRCUITS 3 AND 5 OF PANEL X.	
	MARKS ACROSS RACEWAY SYMBOLS INDICATE THE NUMBER OF #12 CONDUCTORS, UNLESS OTHERWISE NOTED. NO MARKS INDICATE TWO #12 CONDUCTORS. EQUIPMENT GROUNDING CONDUCTORS ARE NOT INDICATED BY MARKS, BUT ARE REQUIRED.	
	RACEWAY INSTALLED CONCEALED IN WALL OR ABOVE CEILING / CONCEALED BELOW FLOOR	
	DUPLX RECEPTACLE OUTLET / CEILING RECEPTACLE OUTLET	18"
	EMERGENCY DUPLX RECEP. OUTLET (ON GENERATOR POWER) - RED COLOR	18"
	WEATHERPROOF DUPLX RECEPTACLE OUTLET	18"
	QUADRUPLX RECEPTACLE OUTLET	18"
	DUPLX OR QUAD ON DEDICATED CIRCUIT - NOTE 6	18"
	GFCI DUPLX / GFCI DUPLX RECEPTACLE OUTLET	18" / 42" ABOVE COUNTER
	SPECIAL PURPOSE RECEPTACLE OUTLET, NEMA CONFIGURATION AS REQUIRED BY EQUIPMENT TO BE CONNECTED.	18"
	COMBINATION DATA/TELEPHONE OUTLET / CEILING MOUNTED - NOTE 5	18"
	PANEL AS NOTED	
	FUSIBLE / NON-FUSED DISCONNECT SWITCH	
	THREE-WAY TOGGLE SWITCH / FOUR-WAY TOGGLE SWITCH - NOTE 8	46" / 42" ABOVE COUNTER
	JUNCTION BOX - CEILING MOUNTED / WALL MOUNTED / FLOOR MOUNTED	
	TELEPHONE BACKBOARD	
	CEILING MOUNTED EXIT SIGN - NOTE 7	
	CEILING MOUNTED CARBON MONOXIDE-SMOKE DETECTOR COMBO UNIT / HEAT DETECTOR - NOTE 3	
	MAGNETIC DOOR HOLD DEVICE - NOTE 3	
	FIRE ALARM AUDIO/VISUAL SIGNALING DEVICE/WEATHER-PROOF - NOTE 3	80" TO BOTTOM
	FIRE ALARM WALL MOUNTED SPEAKER - NOTE 3	80" TO BOTTOM
	FIRE ALARM CEILING MOUNTED SPEAKER - NOTE 3	
	FIRE ALARM VISUAL SIGNALING DEVICE - NOTE 3	80" TO BOTTOM
	FIRE ALARM PULLSTATION DEVICE/WEATHER-PROOF - NOTE 3	46"
	FIRE ALARM CONTROL PANEL	
	FIRE ALARM ANNUNCIATOR	
	SECURITY CAMERA - NOTE 9	
	BADGE READER BY OWNER'S VENDOR	42"
	DOOR CONTACT BY OWNER'S VENDOR - NOTE 10	
	TV OUTLET - NOTE 11	
	POKE-THRU FITTING FOR POWER/COMM FURNITURE FEED - NOTE 12	
	FLOOR BOX - QUAD RECEPTACLE WITH DATA - NOTE 13	
	POKE-THRU - QUAD RECEPTACLE WITH DATA - NOTE 14	
	POKE-THRU - QUAD RECEPTACLE WITH DATA AND AV - NOTE 15	
	POKE-THRU - DUPLX RECEPTACLE - NOTE 16	
	POKE-THRU - DUPLX RECEPTACLE WITH DATA - NOTE 17	
	OUTDOOR GROUND BOX WITH DUPLX RECEPTACLE - NOTE 18	
	OUTDOOR GROUND BOX WITH DATA - NOTE 19	
	DOOR BELL / DOOR BELL OFF SWITCH / DOOR BELL ANNUNCIATOR (HORN AND STROBE)	46"/146"/180"

LEGEND NOTES:

- UNLESS NOTED OTHERWISE, MOUNTING HEIGHT DIMENSIONS ARE TO THE CENTERLINE OF THE DEVICE OR OUTLET ABOVE GRADE OR FINISHED FLOOR.
- ALL SYMBOLS INDICATED IN THE LEGEND MAY NOT NECESSARILY BE USED ON THE PLANS.
- EXTEND AND CONNECT TO BUILDING FIRE ALARM SYSTEM. DEVICE MOUNTING HEIGHTS SHALL COMPLY WITH NFPA 72. SEE GENERAL NOTE 7 ON THIS SHEET. ALL VISUAL DEVICES ARE 75CD UNLESS NOTED OTHERWISE. REFER TO "LOW FREQUENCY FIRE ALARM DEVICES" NOTE ON THIS PAGE.
- THE LETTER "E" ADJACENT TO ANY SYMBOL INDICATES THAT IT IS EXISTING TO REMAIN. THE LETTER "ER" INDICATES EXISTING TO BE RELOCATED.
- PROVIDE 4"x4" JUNCTION BOX WITH DOUBLE GANG PLASTER RING AND 1 1/4" CONDUIT WITH PULL-STRING UP TO ACCESSIBLE CEILING CAVITY. PROVIDE SMOOTH PLASTIC BUSHING AT OPEN END OF CONDUIT.
- LABEL COVERPLATES OF ALL DEVICES ON DEDICATED CIRCUITS "DEDICATED."
- FACE QUANTITY AND DIRECTIONAL ARROWS AS INDICATED.
- PROVIDE INTERCONNECT CONDUCTORS AS REQUIRED TO PROVIDE MULTIPLE SWITCH POINTS IN EACH AREA SHOWN.
- PROVIDE 4"x4" JUNCTION BOX WITH DOUBLE GANG PLASTER RING. PROVIDE SMOOTH PLASTIC BUSHING AT OPEN END OF CONDUIT.
- PROVIDE 3/4" UP TO 6" H x 6" W x 4" D JBOX IN ACCESSIBLE CEILING. COORDINATE EXACT REQUIREMENTS WITH LOW VOLTAGE DRAWINGS.
- PROVIDE RECESSED 4-GANG TV BOX (ARLINGTON #TVBS613) FOR WALL MOUNTED TELEVISION. PROVIDE (1) QUAD OUTLET, (1) DATA/CABLE COMBO OUTLET, AND (1) HDMI OUTLET. FINAL LOCATION TO BE DETERMINED WITH OWNER IN FIELD. PROVIDE 3/4" FOR POWER AND 1-1/4" FOR DATA TO EXTEND FROM TV BOX STUBBED UP 6" ABOVE ACCESSIBLE CEILING WITH INSULATED BUSHING WHERE REQUIRED.
- PROVIDE WIREMOLD 4FFATC SERIES WITH BARRIERED RACEWAY, CONDUIT ADAPTER AND 3/4" FOR POWER, 1-1/2" FOR COMMUNICATIONS.
- PROVIDE WIREMOLD RFB4-OG FLOOR BOX WITH QUAD RECEPTACLE AND BLANK PLATE FOR TWO (2) CAT6 JACKS. PROVIDE 3/4" TRENCHED IN SLAB FOR POWER AND 1-1/4" TRENCHED IN SLAB FOR DATA.
- PROVIDE WIREMOLD EVOLUTION SERIES 6AT POKE-THRU WITH QUAD RECEPTACLE AND BLANK PLATE FOR TWO (2) CAT6 JACKS. PROVIDE 3/4" FOR POWER AND 1-1/4" FOR DATA.
- PROVIDE WIREMOLD EVOLUTION SERIES 6AT POKE-THRU WITH QUAD RECEPTACLE, BLANK PLATE FOR TWO (2) CAT6 JACKS, AND AV PLATES AS CHOSEN BY AV VENDOR. PROVIDE 3/4" FOR POWER, 1-1/4" FOR DATA, AND 1-1/2" FOR AV. PROVIDE ADDITIONAL 1-1/4" FOR DATA AND 1-1/2" FOR AV TO TV OUTLET IN ROOM IF NOTED ON AV DRAWINGS.
- PROVIDE WIREMOLD EVOLUTION SERIES 4AT POKE-THRU WITH DUPLX RECEPTACLE. PROVIDE 3/4" FOR POWER.
- PROVIDE WIREMOLD EVOLUTION SERIES 4AT POKE-THRU WITH DUPLX RECEPTACLE AND BLANK PLATE FOR TWO (2) CAT6 JACKS. PROVIDE 3/4" FOR POWER AND 1-1/4" FOR DATA.
- PROVIDE WIREMOLD OUTDOOR GROUND BOX WITH DUPLX RECEPTACLE. PROVIDE 3/4" FOR POWER.
- PROVIDE WIREMOLD OUTDOOR GROUND BOX WITH DATA. PROVIDE 1-1/4" FOR DATA.

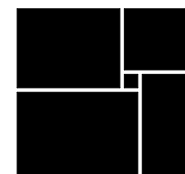
APPLICABLE CODES, CYCLES, AND CLASSIFICATIONS

- 2023 Florida Building Code (FBC), 8th Edition [based on 2020 NEC and 2021 I-Codes with state amendments]
- 2023 FBC, 8th Edition, Energy Conservation [based on 2021 IECC with state amendments]
- 2023 (8th Edition) Florida Fire Prevention Code
- Low Rise Building Classification

SHEET LIST

SHEET NUMBER	SHEET NAME
E-001	ELECTRICAL GENERAL
E-002	LIGHTING GENERAL
E-100	ELECTRICAL SITE PLAN
E-121	ELECTRICAL PLAN - FIRST FLOOR
E-122	ELECTRICAL PLAN - SECOND FLOOR
E-123	ELECTRICAL PLAN - THIRD FLOOR
E-124	ELECTRICAL PLAN - ROOF
E-221	LIGHTING PLAN - FIRST FLOOR
E-222	LIGHTING PLAN - SECOND FLOOR
E-223	LIGHTING PLAN - THIRD FLOOR
E-300	ELECTRICAL UNIT PLANS
E-421	ELECTRICAL PLAN - MC KITCHEN
E-422	ELECTRICAL PLAN - AL KITCHEN
E-500	ELECTRICAL PANEL SCHEDULES
E-501	ELECTRICAL PANEL SCHEDULES
E-502	ELECTRICAL PANEL SCHEDULES
E-503	ELECTRICAL PANEL SCHEDULES
E-600	ELECTRICAL MECH SCHEDULE
E-700	ELECTRICAL RISER MC-AL

WATERFORD CAMPUS - ASSISTED LIVING
MEMORY CARE BUILDING
601 UNIVERSE BLVD JUNO BEACH, FL 33048



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CONSTRUCTION

Project No.: 2021009
Date: 12/01/2025

ELECTRICAL
GENERAL

E-001

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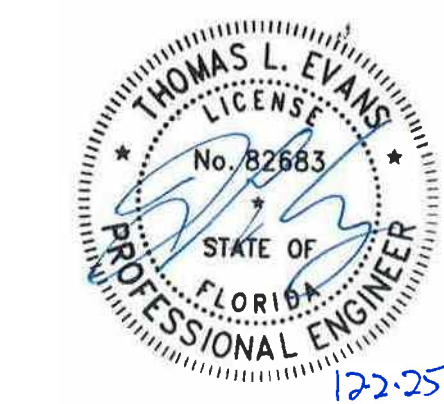
E-002



Project Number: 2024-03276

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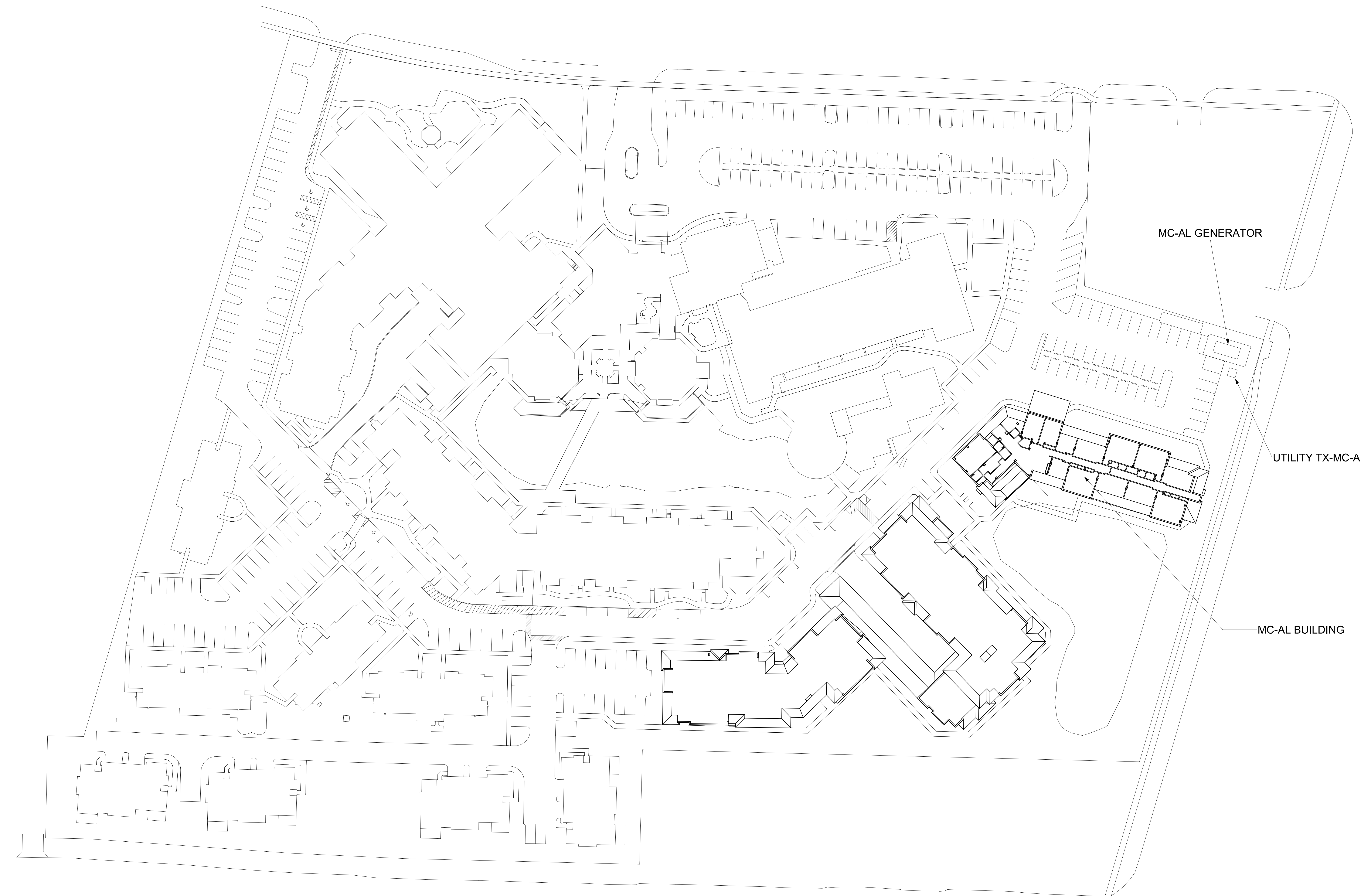
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ELECTRICAL SITE PLAN

E-100



1 ELECTRICAL SITE PLAN
E-100 1" = 40'-0"

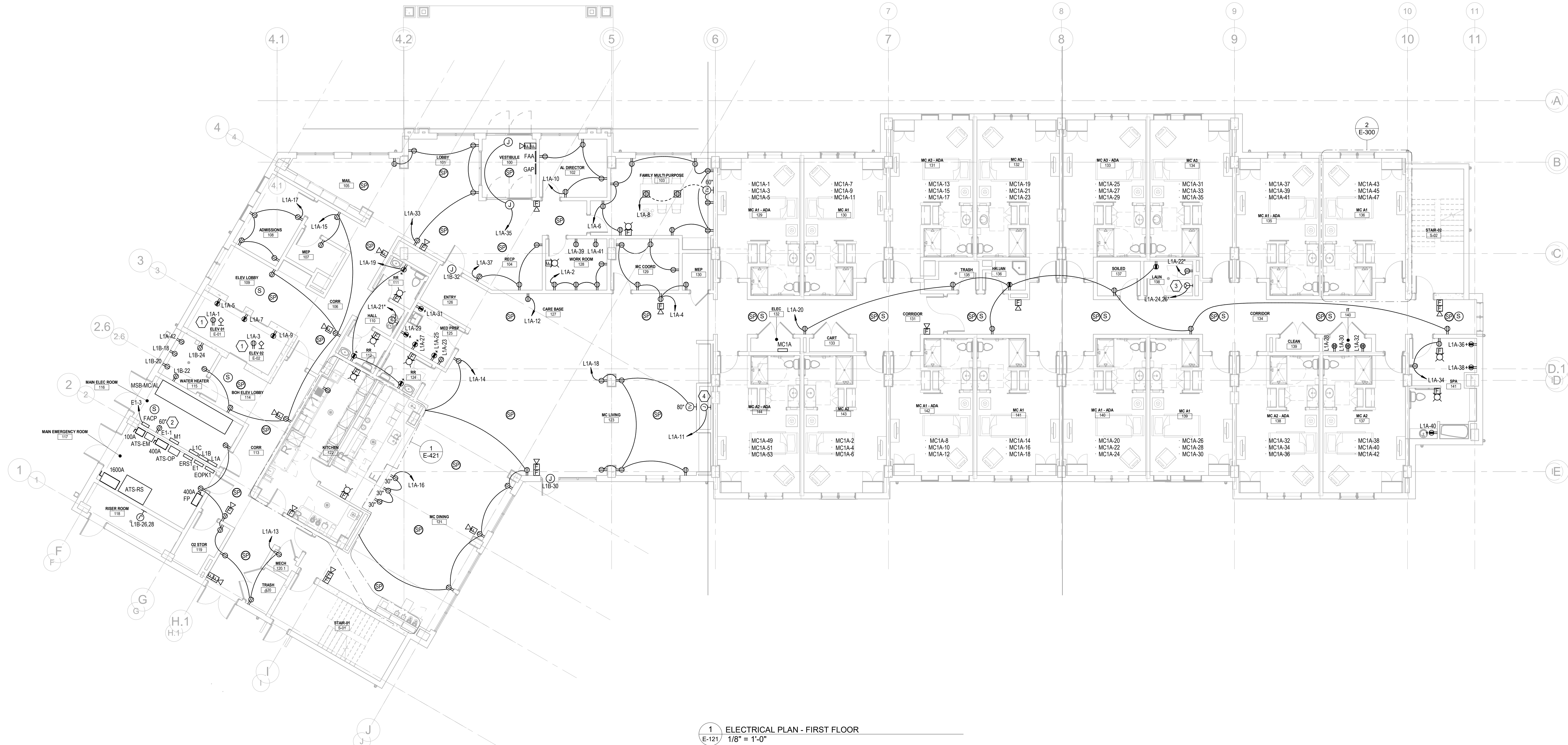


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1 ELECTRICAL PLAN - FIRST FLOOR
E-121
1/8" = 1'-0"

GENERAL NOTES

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- SPECIFIC REQUIREMENTS REGARDING MATERIALS, WORKMANSHIP AND THE WORK TO BE DONE ARE COVERED BY THE SPECIFICATIONS WHICH COMPLEMENT THE PLANS. WORK CALLED FOR BY THE SPECIFICATIONS OR THE PLAN IS REQUIRED THE SAME AS IF REQUIRED BY BOTH. WHERE A CONFLICT EXISTS BETWEEN THE PLANS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS OF THE TWO SHALL APPLY UNLESS SPECIFICALLY APPROVED IN WRITING BY THE ARCHITECT/ENGINEER.
- PROVIDE UL LISTED JUNCTION BOXES FOR POWER AND COMMUNICATION OUTLETS WITHIN FIRE RATED ASSEMBLIES.
- ALL EXTERIOR RECEPTACLES AND FIRE ALARM DEVICES SHALL BE WEATHER-PROOF TYPE. ALL EXTERIOR RECEPTACLES TO BE GFCI.
- CIRCUIT NUMBERS WITH ASTERISK (XXX-XX*) INDICATE CIRCUIT TO BE ON GFCI CIRCUIT BREAKER.
- REFER TO SHEET E-300 FOR MEMORY CARE UNIT PLAN.
- PROVIDE AFCI BREAKERS FOR ALL 120V, SINGLE-PHASE, 15A AND 20A CIRCUITS SERVING UNITS.

KEY NOTES

- ROUTE 3/4" FOR ELEVATOR TELEPHONE/INTERCOM AND 2" FOR ELEVATOR CAMERA, DISPLAY, AND CARD READER TO ELEVATOR HOISTWAY. COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH ELEVATOR VENDOR.
- COORDINATE AREA OF REFUGE BASE STATION LOCATION WITH AHI. REFER TO "AREA OF REFUGE / TWO-WAY COMMUNICATIONS SYSTEM" NOTE ON SHEET E-001.
- PROVIDE 3/10, #10G-3/4" FOR DRYER. COORDINATE EXACT NEMA TYPE RECEPTACLE, CIRCUIT BREAKER, WIRE SIZE, AND HEIGHT WITH EQUIPMENT PROVIDED PRIOR TO PURCHASE.
- COORDINATE EXACT ELECTRICAL DETAILS AND REQUIREMENTS FOR ELECTRIC FIREPLACE WITH MANUFACTURER'S WIRING DIAGRAM. PROVIDE MOTOR-RATED SWITCH FOR DISCONNECT.



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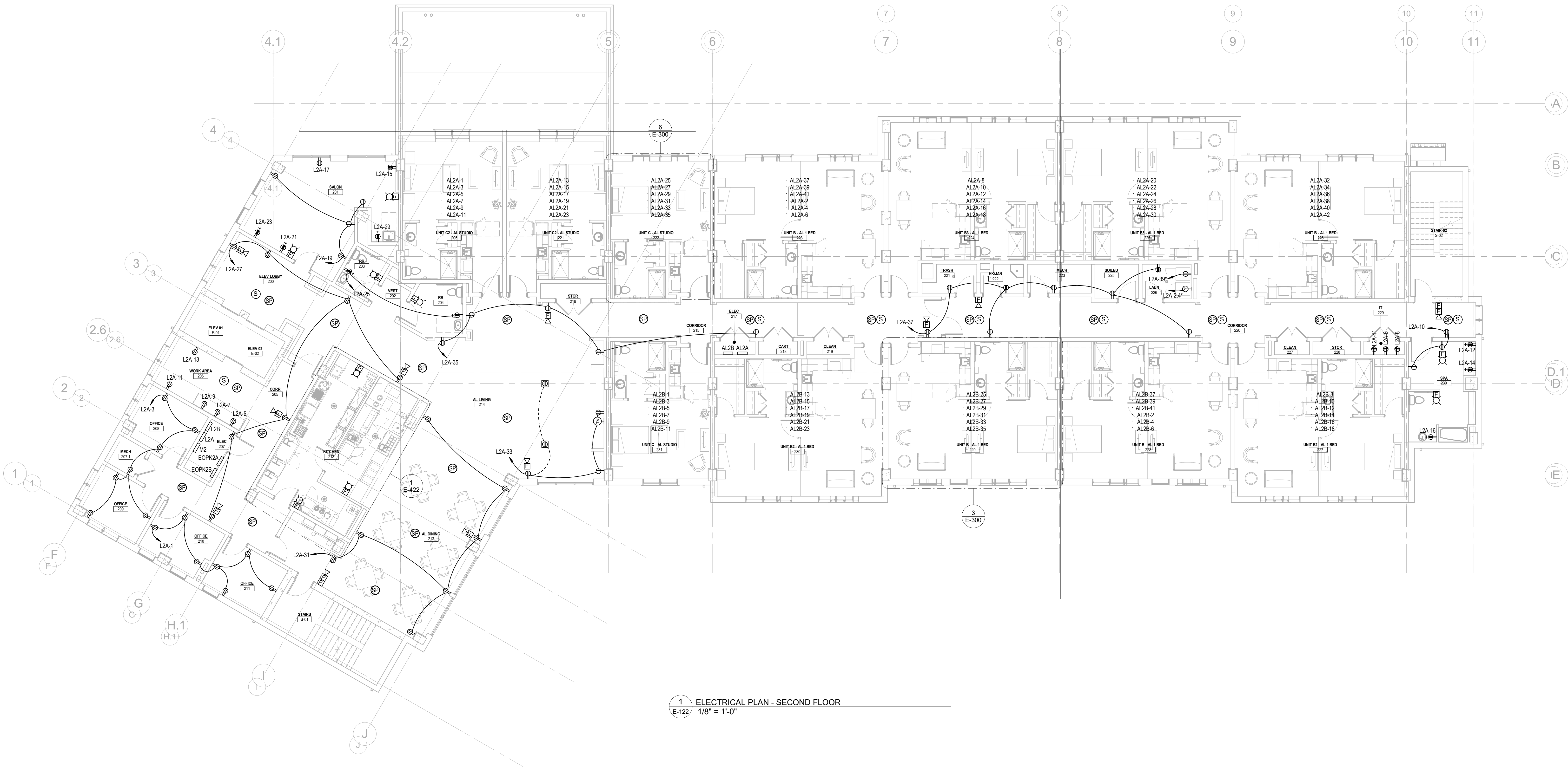
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ELECTRICAL
PLAN - FIRST
FLOOR

E-121

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KEY NOTES

- PROVIDE 3#10, #10G, 3/4\"/>

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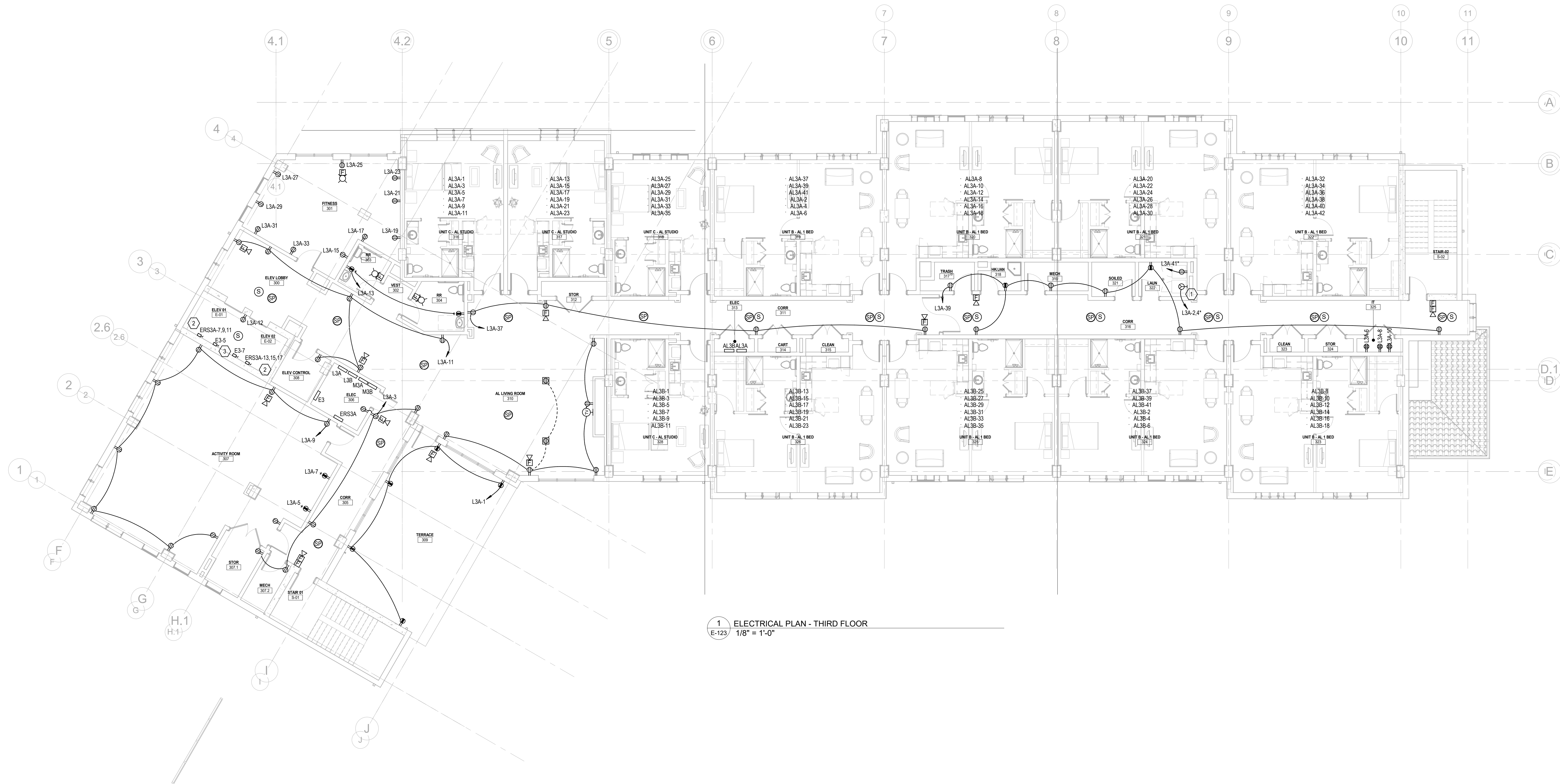
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**ELECTRICAL
PLAN -
SECOND
FLOOR**

E-122

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- REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT. CONTRACTOR SHALL COORDINATE REQUIREMENTS WITH NAMEPLATE DATA OF ACTUAL EQUIPMENT PROVIDED.
- SPECIFIC REQUIREMENTS REGARDING MATERIALS, WORKMANSHIP AND THE WORK TO BE DONE ARE COVERED BY THE SPECIFICATIONS WHICH COMPLEMENT THE PLANS. WORK CALLED FOR BY THE SPECIFICATIONS OR THE PLAN IS REQUIRED THE SAME AS IF REQUIRED BY BOTH, WHERE A CONFLICT EXISTS BETWEEN THE PLANS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS OF THE TWO SHALL APPLY UNLESS SPECIFICALLY APPROVED IN WRITING BY THE ARCHITECT/ENGINEER.
- PROVIDE UL LISTED JUNCTION BOXES FOR POWER AND COMMUNICATION OUTLETS WITHIN FIRE RATED ASSEMBLIES.
- ALL EXTERIOR RECEPTACLES AND FIRE ALARM DEVICES SHALL BE WEATHER-PROOF TYPE. ALL EXTERIOR RECEPTACLES TO BE GFCI.
- CIRCUIT NUMBERS WITH ASTERISK (XXX-XX) INDICATE CIRCUIT TO BE ON GFCI CIRCUIT BREAKER.
- REFER TO SHEET E-300 FOR MEMORY CARE UNIT PLAN.
- PROVIDE AFCI BREAKERS FOR ALL 120V, SINGLE-PHASE, 15A AND 20A CIRCUITS SERVING UNITS.

KEY NOTES

- PROVIDE 3#10, #10G, 3/4" C FOR DRYER. COORDINATE EXACT NEMA TYPE RECEPTACLE, CIRCUIT BREAKER, WIRE SIZE, AND HEIGHT WITH EQUIPMENT PROVIDED PRIOR TO PURCHASE.
- PROVIDE EATON 100A, 208V/3P ELEVATOR CONTROL SWITCH #ES-3-T2-G-R2-F1-3-N-E WITH AUXILIARY CONTACTS FOR SHUNT TRIP. DESIGN BASED ON 208V, 3PH ELEVATOR. PROVIDE 3#1, #6G, 1-1/4" C FOR BRANCH CIRCUIT. VERIFY ALL OPTIONS WITH ELEVATOR VENDOR PRIOR TO PURCHASE. COORDINATE EXACT LOCATION OF CONTROL SWITCH WITH ELEVATOR VENDOR.
- PROVIDE 30A/1P/20AF LOCKABLE DISCONNECT FOR ELEVATOR CAB LIGHTING AND POWER. PROVIDE NEW 20A/1P BREAKER. COORDINATE EXACT REQUIREMENTS WITH ELEVATOR VENDOR.

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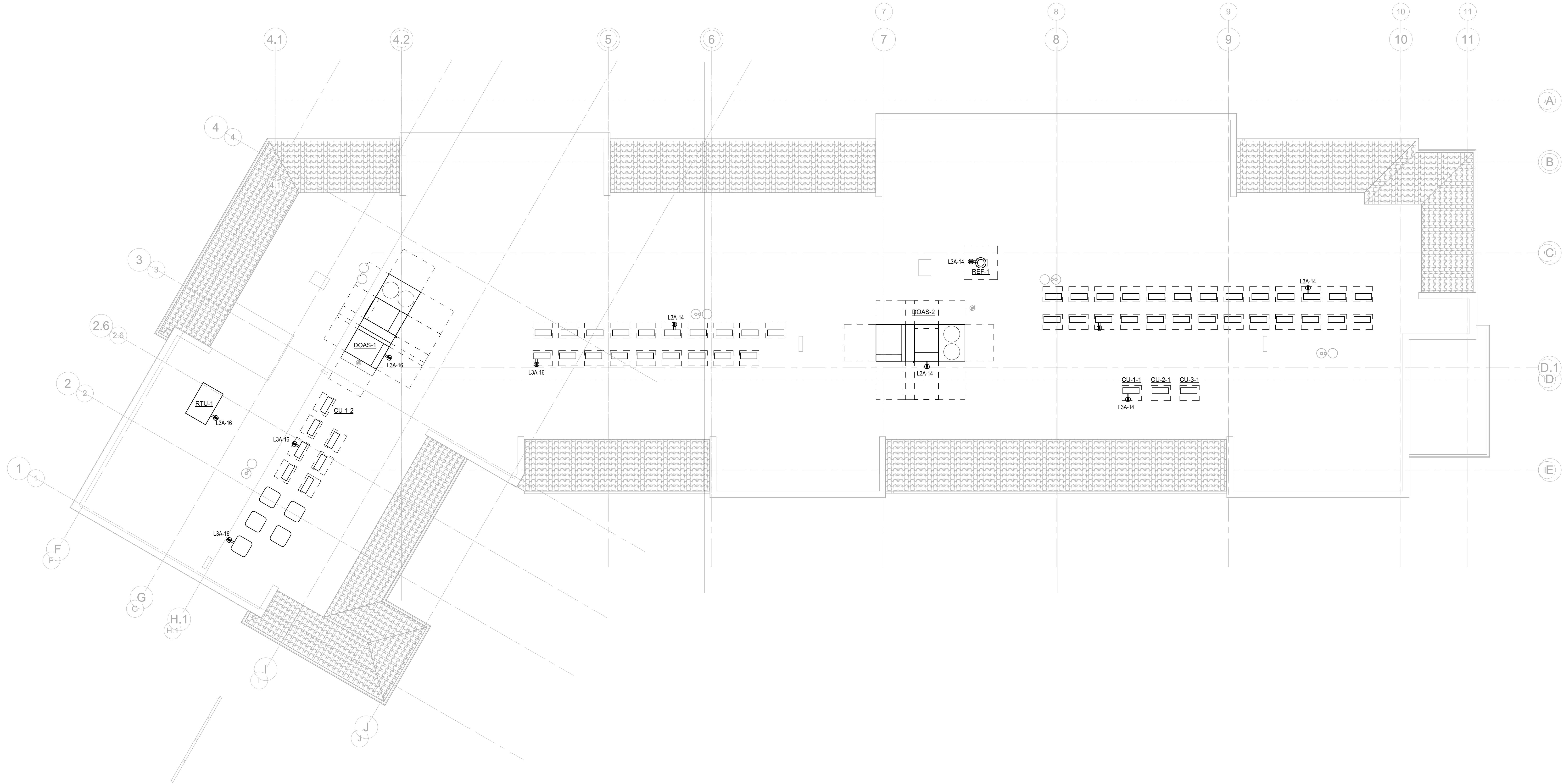
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**ELECTRICAL
PLAN - THIRD
FLOOR**

E-123

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1 ELECTRICAL PLAN - ROOF
E-124 1/8" = 1'-0"

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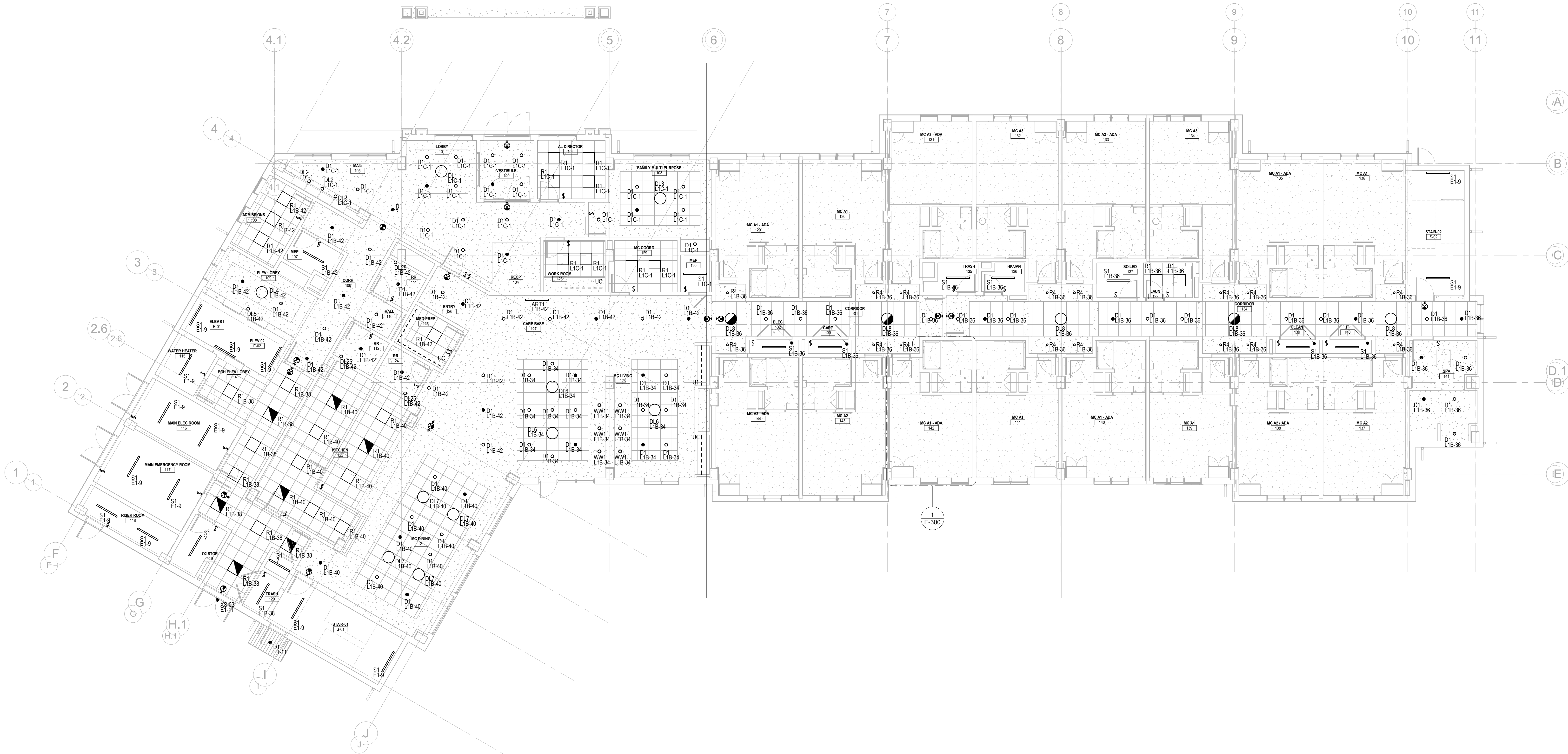
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**ELECTRICAL
PLAN - ROOF**

E-124

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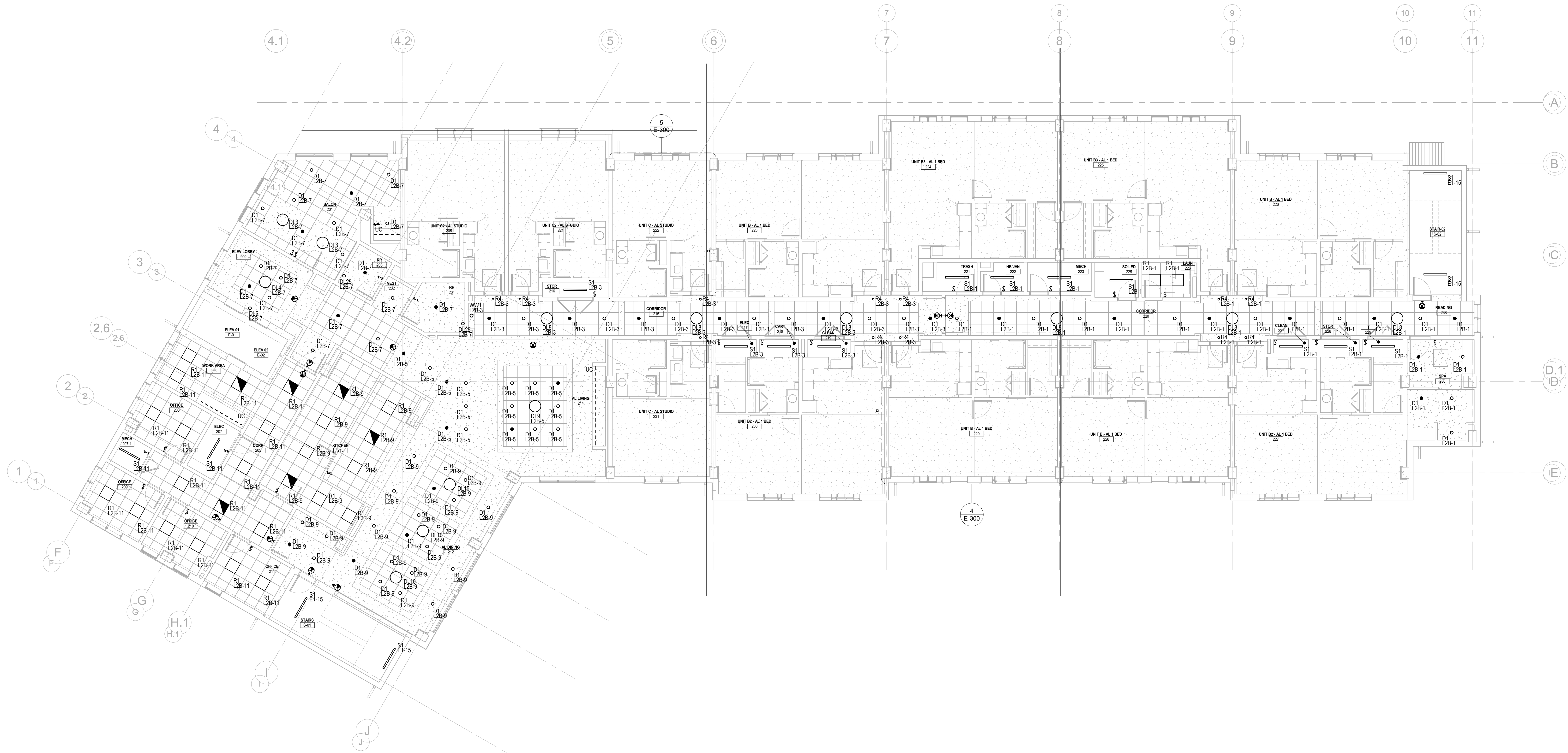
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**LIGHTING
PLAN - FIRST
FLOOR**

E-221

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1 LIGHTING - SECOND FLOOR
E-222 1/8" = 1'-0"

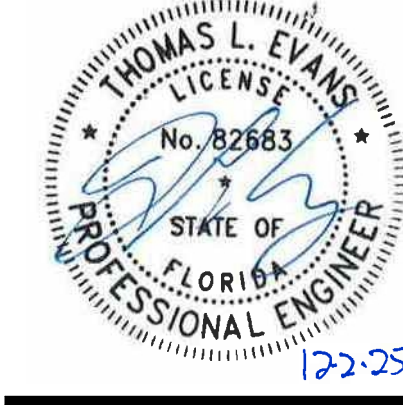
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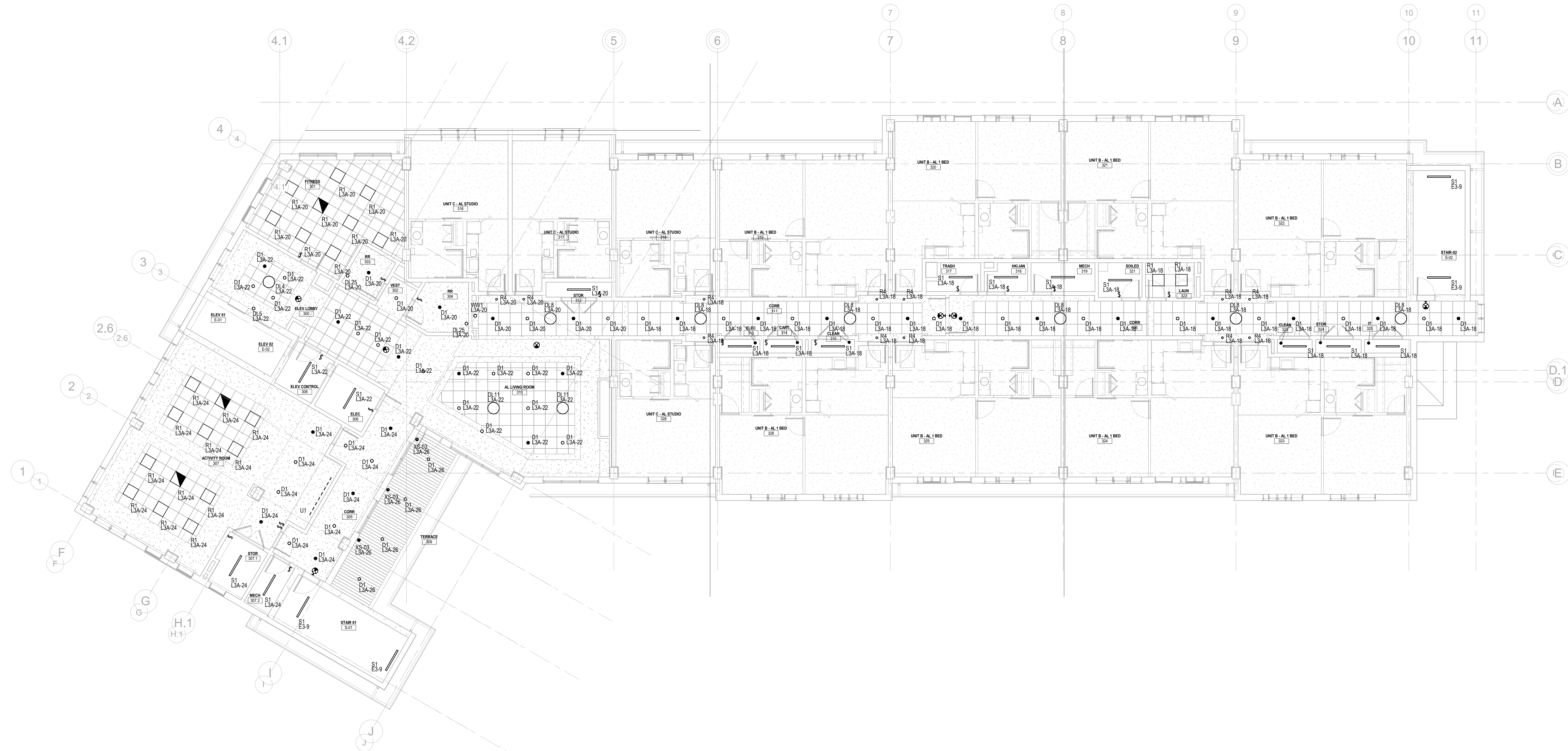
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**LIGHTING
PLAN -
SECOND
FLOOR**

E-222

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1 LIGHTING PLAN - THIRD FLOOR
E-223 1/8" = 1'-0"

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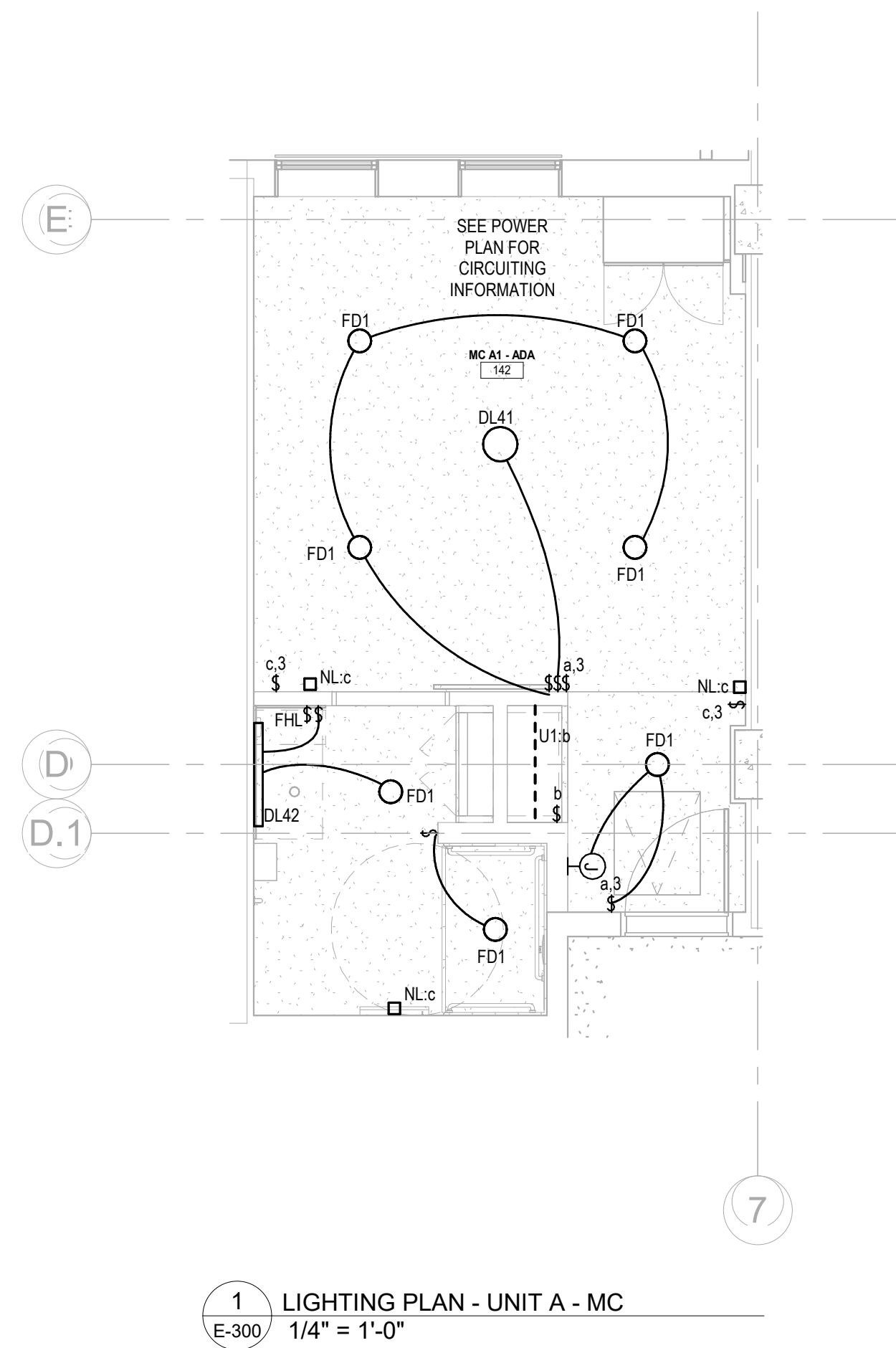
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**LIGHTING
PLAN - THIRD
FLOOR**

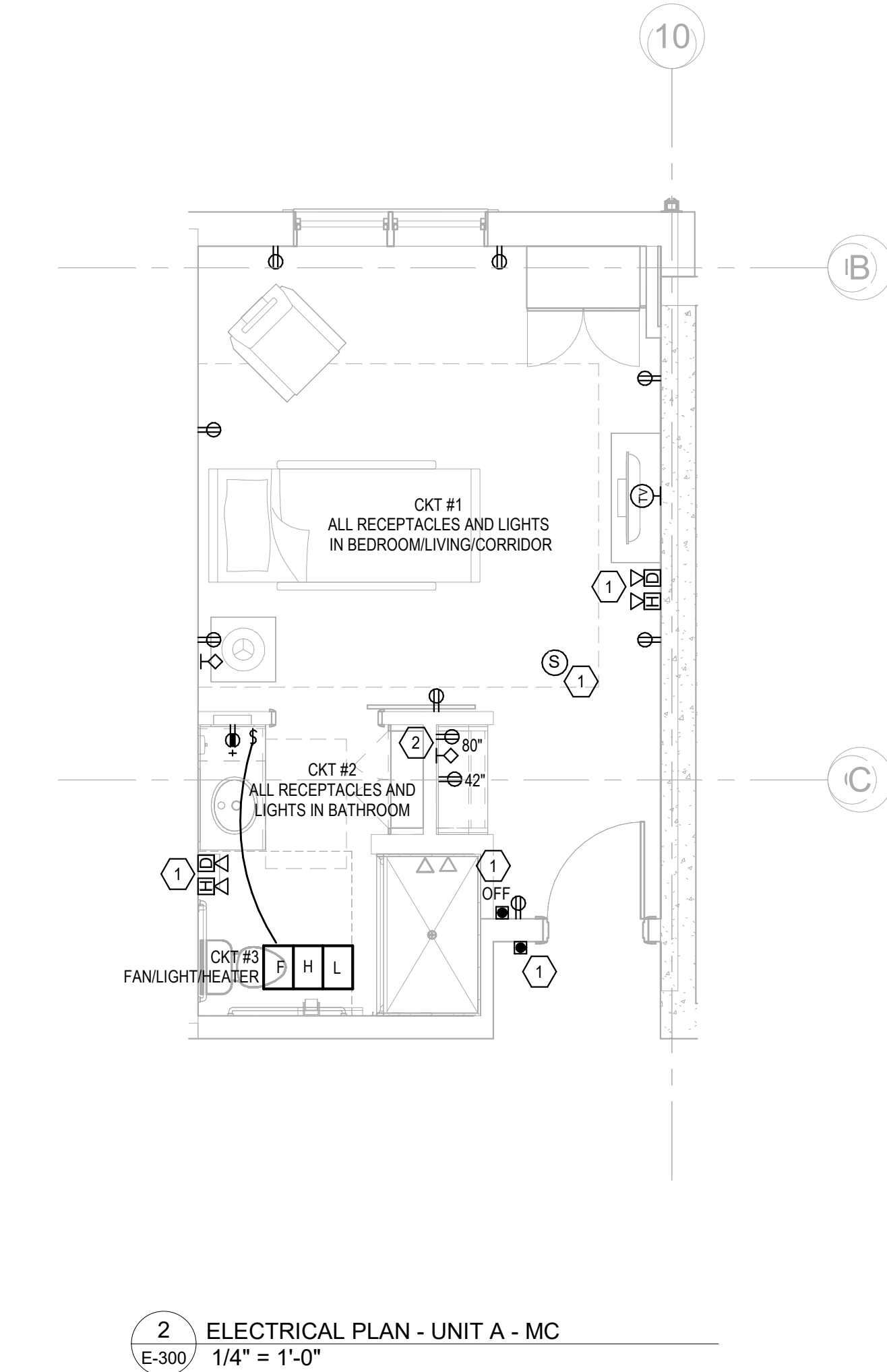
E-223

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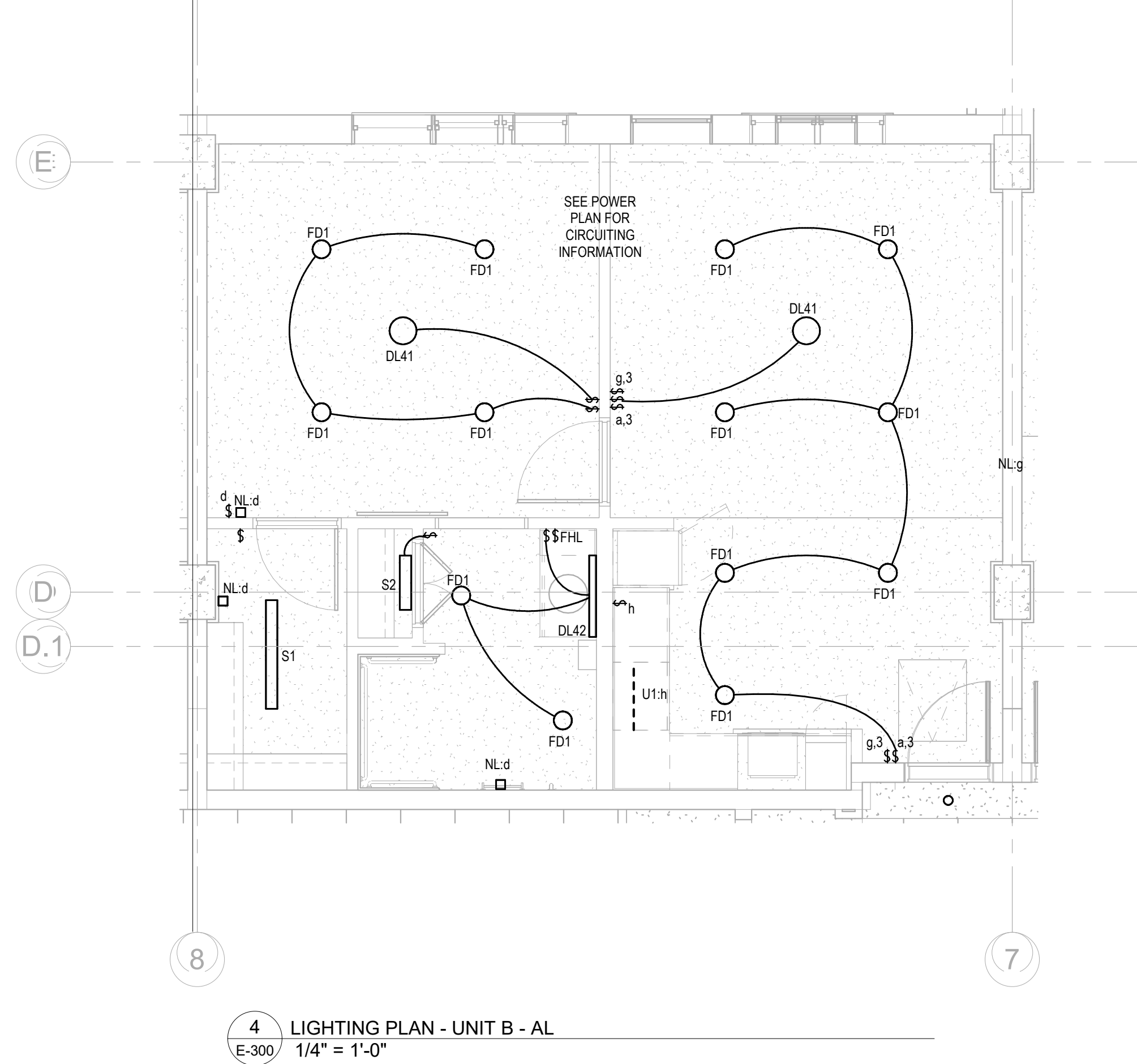
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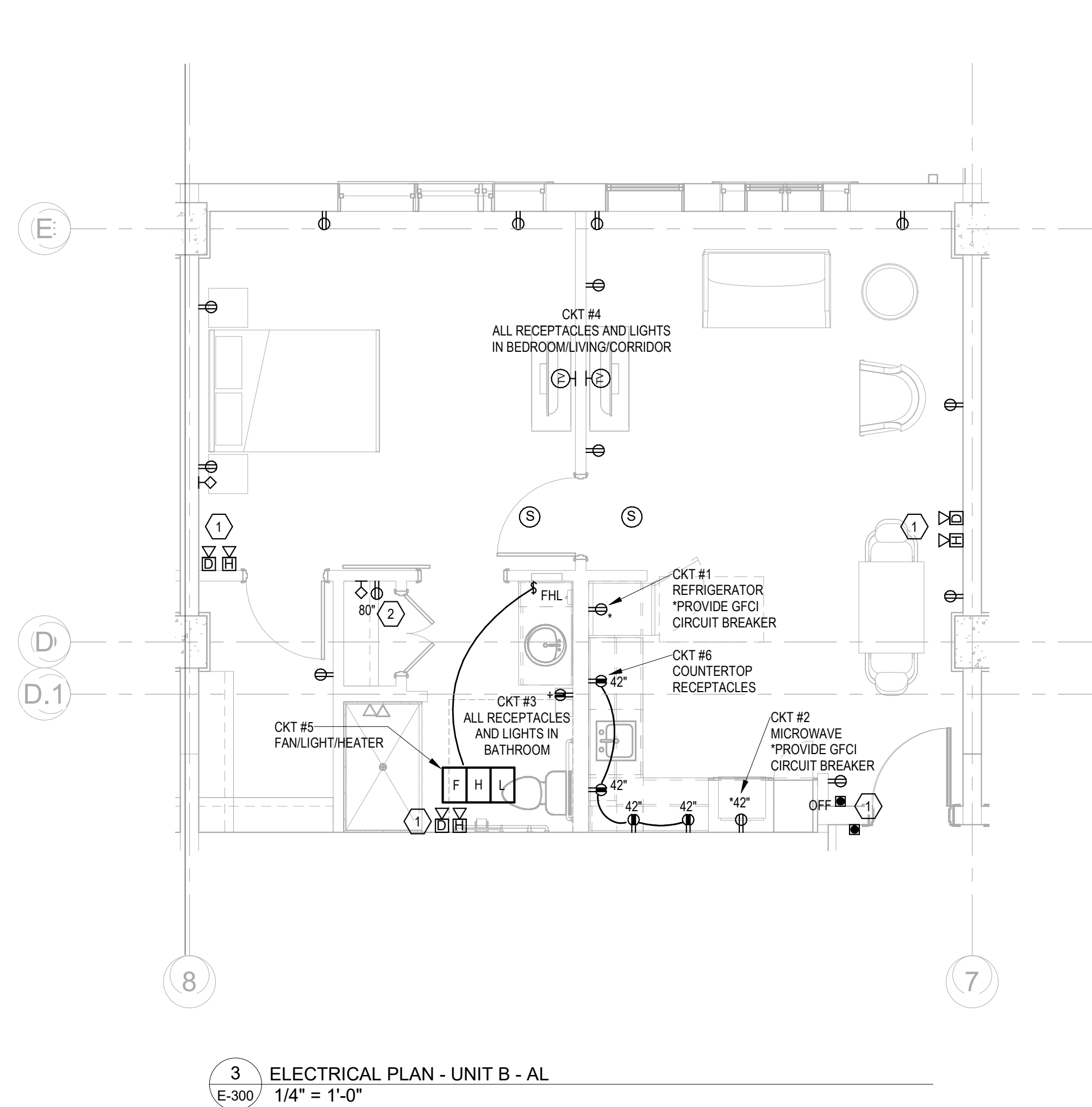
1 LIGHTING PLAN - UNIT A - MC
E-300 1/4" = 1'-0"



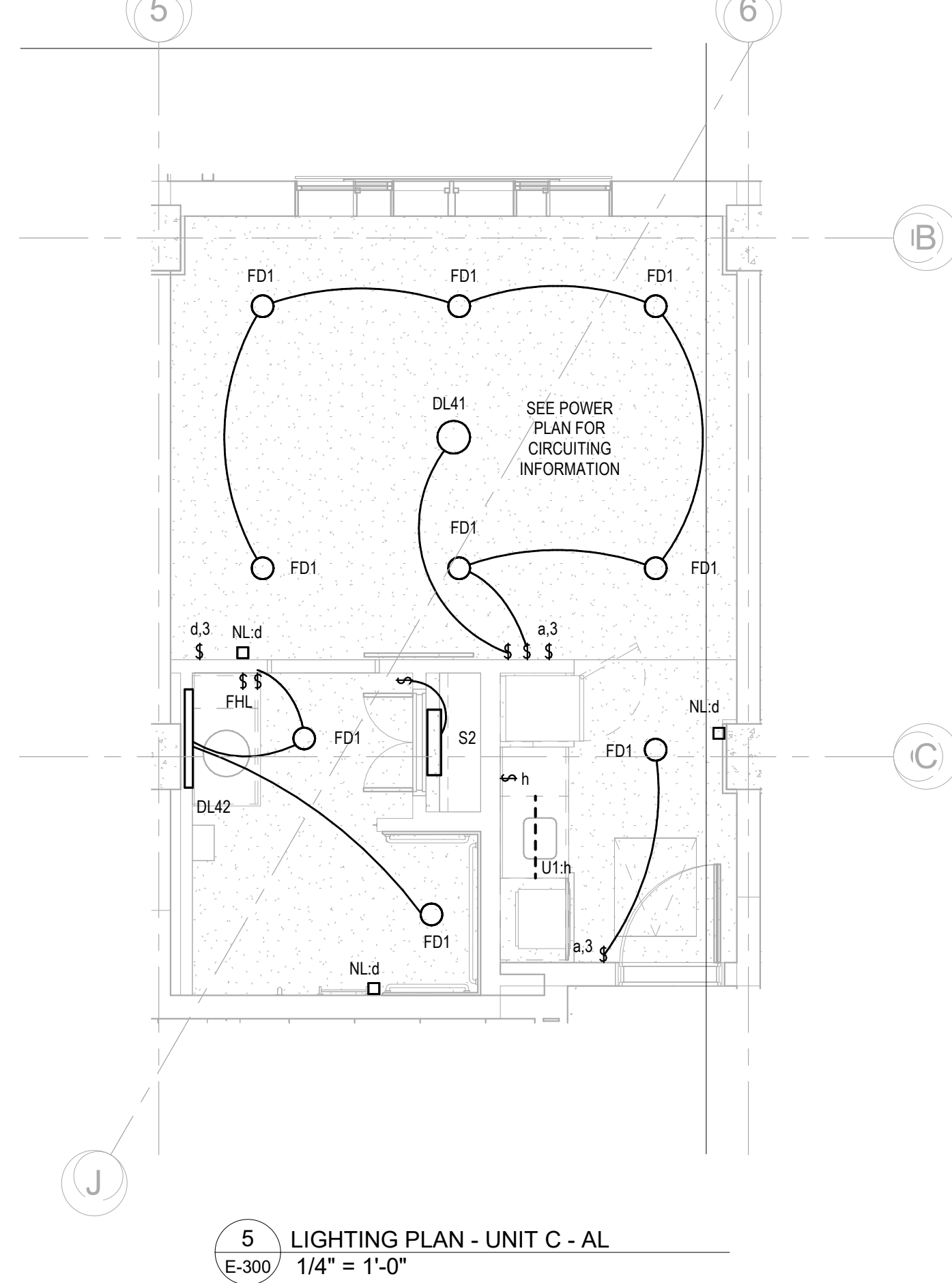
2 ELECTRICAL PLAN - UNIT A - MC
E-300 1/4" = 1'-0"



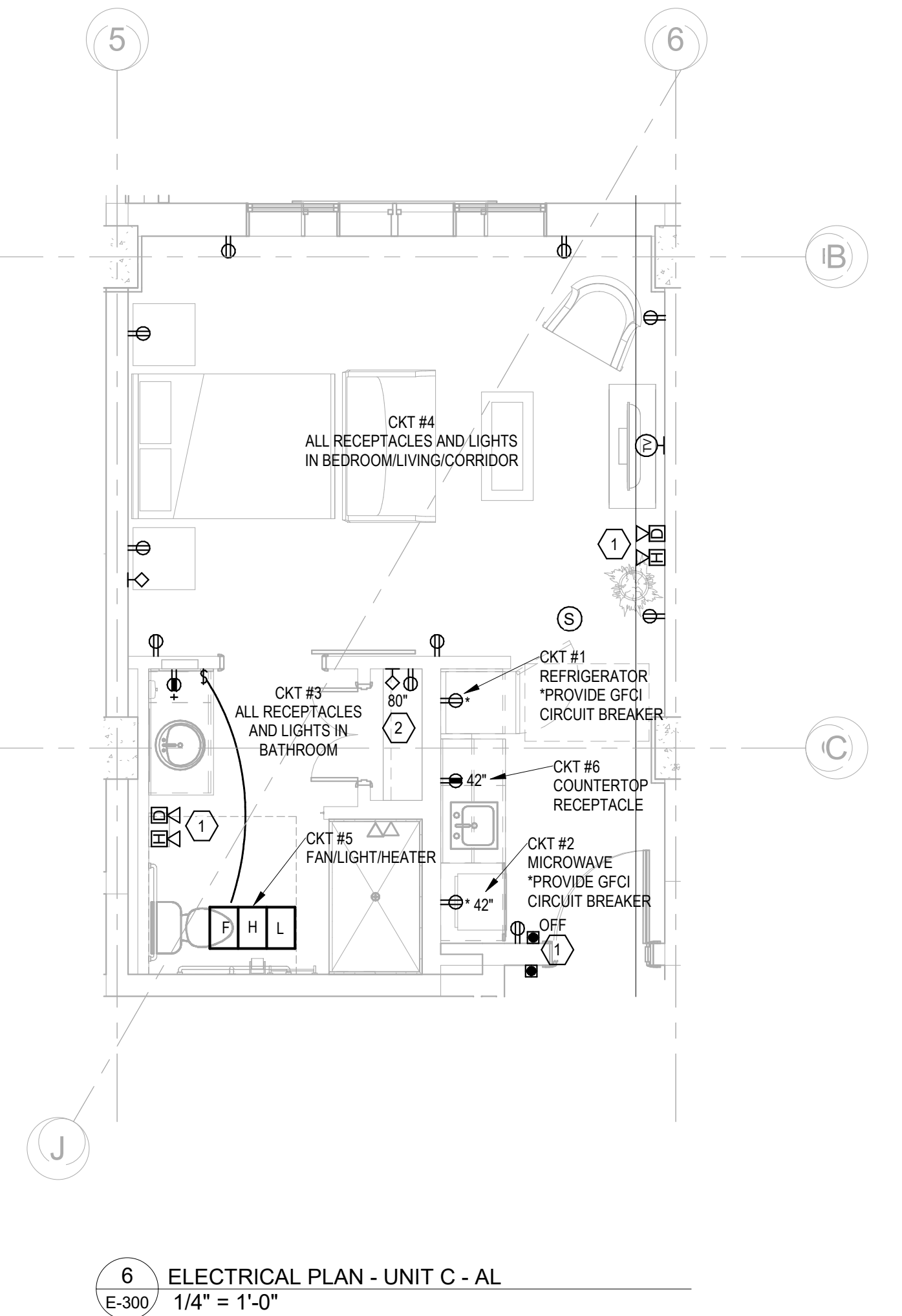
4 LIGHTING PLAN - UNIT B - AL
E-300 1/4" = 1'-0"



3 ELECTRICAL PLAN - UNIT B - AL
E-300 1/4" = 1'-0"



5 LIGHTING PLAN - UNIT C - AL
E-300 1/4" = 1'-0"



6 ELECTRICAL PLAN - UNIT C - AL
E-300 1/4" = 1'-0"

GENERAL NOTES

- REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT. CONTRACTOR SHALL COORDINATE REQUIREMENTS WITH NAMEPLATE DATA OF ACTUAL EQUIPMENT PROVIDED.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF ALL LIGHTING FIXTURES SHOWN.
- REFER TO LIGHTING FIXTURE SCHEDULE ON E-002.
- REFER TO SHEETS E-211A, E-212A, AND E-213A FOR CIRCUITING INFORMATION.
- ALL RECEPTACLES IN UNITS SHALL BE TAMPER-RESISTANT TYPE.
- PROVIDE AFCI BREAKERS FOR ALL 120V, SINGLE-PHASE, 15A AND 20A CIRCUITS IN UNITS.

KEY NOTES

- FOR HEARING IMPAIRED ROOMS PROVIDE DOORBELL/COVERPLATE AT ENTRY, AND DOORBELL HORN STROBES AS INDICATED ON DRAWINGS. ADDITIONALLY, AN ADA APPROVED SWITCH SHALL BE INSTALLED CAPABLE OF TURNING DOORBELL 'OFF' AT ENTRY. ALL HORN LOCATION DEVICES SHALL ALSO HAVE A STROBE FOR FIRE/SMOKE. ACTIVATION OF ANY ONE SMOKE/CARBON MONOXIDE DETECTOR MUST ALSO ACTIVATE ALL VISUAL STROBES PRESENT IN THE UNIT.
- COORDINATE EXACT LOCATION OF LOW VOLTAGE MEDIA PANEL WITH LOW VOLTAGE CONTRACTOR PRIOR TO ROUGH-IN.

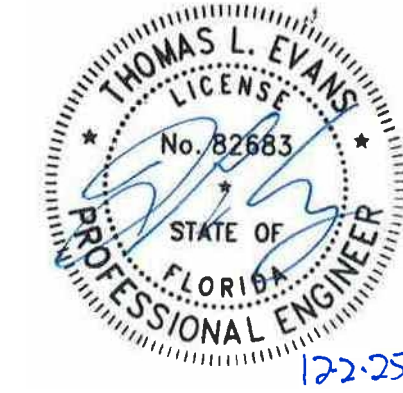
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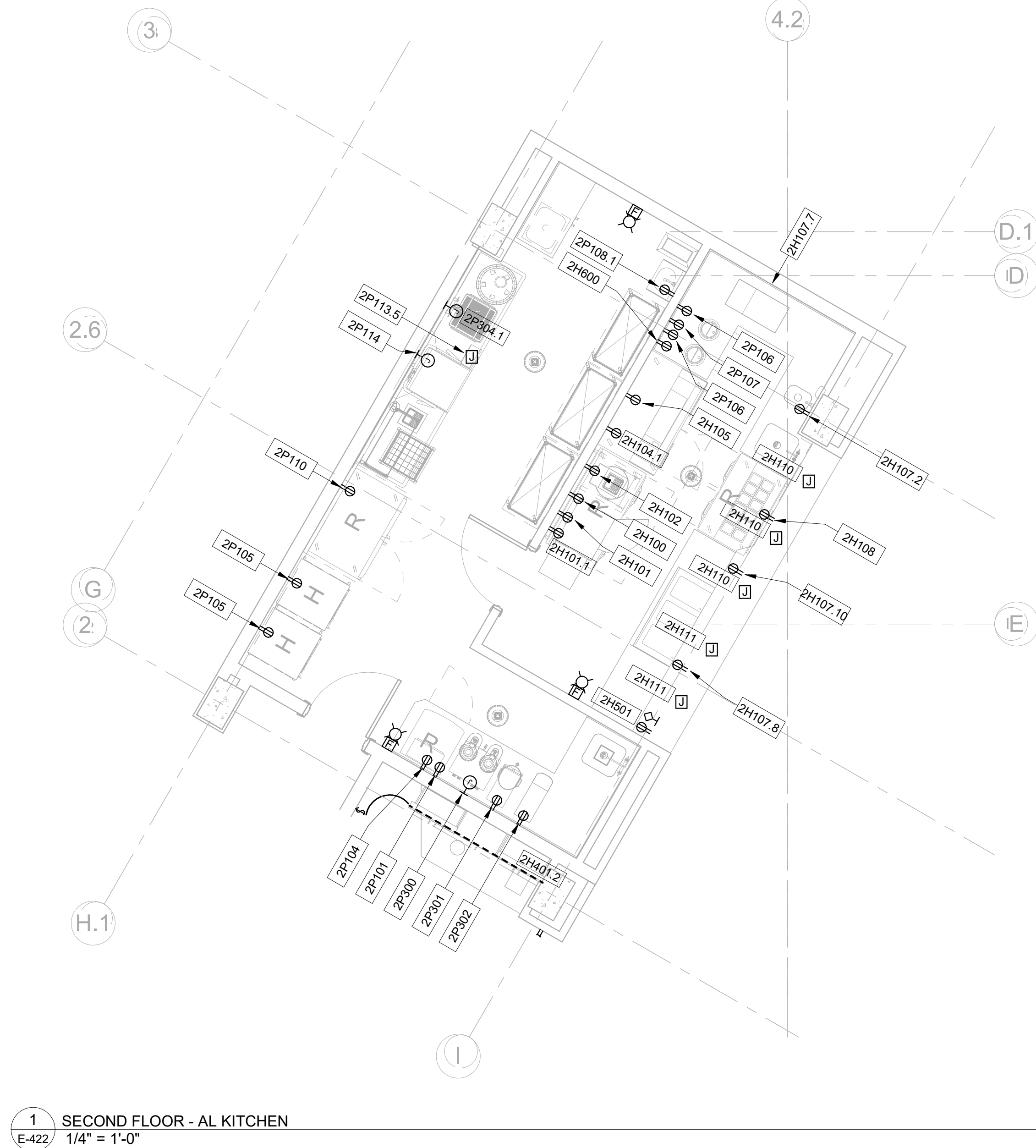
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**ELECTRICAL
UNIT PLANS**

E-300

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1 SECOND FLOOR - AL KITCHEN
E-422 1/4" = 1'-0"

ELECTRICAL KITCHEN CONNECTION SCHEDULE - LEVEL 2 - AL KITCHEN

Item #	Qty	Description	Circuit Breaker	GFCI Circuit Breaker	Wiring	Equipment Remarks	Volts	Ph	Amps	Watts	HP	Direct Conn	Disconnect	Circuits	Remarks	Notes
2H100	1	Refrigerator, Undercounter	20/1	GFCI	2#12, #12G - 1/2"C	New	120	1	3	360	1/4	No	CORD AND PLUG	EOPK2A-1		1
2H101	1	Combo Oven, Electric	20/3	GFCI	2#12, #12G - 1/2"C	New	208	3	15.9	5700		No	CORD AND PLUG	EOPK2A-3,5,7		1
2H101.1	1	UltraVent Plus XS Ventless Recirculating Condensation Hood	20/1	GFCI	2#12, #12G - 1/2"C	New	120	1	1.6	170		No	CORD AND PLUG	EOPK2A-9		1
2H102	1	Pizza Oven	30/2	GFCI	2#10, #10G - 3/4"C	New	208	1	30	3700		No	CORD AND PLUG	EOPK2A-11,13		1
2H104.1	1	Heat Lamp	20/1	GFCI	2#12, #12G - 1/2"C	New	120	1	9.17	1100		No	CORD AND PLUG	EOPK2A-15		1
2H105	1	Exhibition Style Cooking Station	40/2	GFCI	2#8, #10G - 3/4"C	New	208	1	38	5000		No	CORD AND PLUG	EOPK2A-17,19		1
2H107.2	1	Faucet, Electronic Eye	20/1	---	2#12, #12G - 1/2"C	New	120	1	15	1800		Yes	MOTOR-RATED SWITCH	EOPK2A-21		1
2H107.7	1	Induction Warmer, Drop-In	20/1	---	2#12, #12G - 1/2"C	New	120	1	12	1500		Yes	MOTOR-RATED SWITCH	EOPK2A-23		1
2H107.8	1	Hot/Cold/Freeze Well, Drop-In	20/1	GFCI	2#12, #12G - 1/2"C	New	120	1	12	1440		No	CORD AND PLUG	EOPK2A-25		1
2H107.10	1	Plate Warmer	20/1	GFCI	2#12, #12G - 1/2"C	New	120	1	3.8	460		No	CORD AND PLUG	EOPK2A-27		1
2H108	1	Sandwich Prep Refrigerator	20/1	GFCI	2#12, #12G - 1/2"C	New	120	1	2	240	1/6	No	CORD AND PLUG	EOPK2A-29		1
2H110	3	Ambient Lamp, Cord Mounted	20/1	---	2#12, #12G - 1/2"C	New	120	1	3.2	375		Yes	MOTOR-RATED SWITCH	EOPK2A-31		1
2H111	2	Heat Lamp, Cord Mounted	20/1	---	2#12, #12G - 1/2"C	New	120	1	3.2	375		Yes	MOTOR-RATED SWITCH	EOPK2A-33		1
2H401.2	1	Lights, LED	20/1	---	2#12, #12G - 1/2"C	Millwork	120	1	5	600		Yes	MOTOR-RATED SWITCH	EOPK2A-35		1
2H501	1	KDS Screen	20/1	GFCI	2#12, #12G - 1/2"C	Smallwares	120	1	15	1800		No	CORD AND PLUG	EOPK2A-37	Smallwares, Verify Data & Utility Requirements	1
2H600	1	Duplex Convenience Receptacle	20/1	GFCI	2#12, #12G - 1/2"C	By EC	120	1	15	1800		---	N/A	EOPK2A-39	By EC, To Be Wired On Dedicated Circuit	1
2P101	1	Undercounter Refrigerator	20/1	GFCI	2#12, #12G - 1/2"C	New	120	1	2	240	1/10	No	CORD AND PLUG	EOPK2A-41		1
2P104	1	Ice Machine & Dispenser, Nugget Style	20/2	GFCI	2#12, #12G - 1/2"C	New	230	1	5.5	800		No	CORD AND PLUG	EOPK2A-2,4		1
2P105	2	Cabinet, Holding	20/1	GFCI	2#12, #12G - 1/2"C	New	120	1	16.7	2000		No	CORD AND PLUG	EOPK2A-6 EOPK2A-8		1
2P106	2	7 qt. Induction Rethermalizer, Drop-In	20/1	GFCI	2#12, #12G - 1/2"C	New	120	1	6.7	800		No	CORD AND PLUG	EOPK2A-10 EOPK2A-12		1
2P107	1	Warmer, Drawer Type	20/1	GFCI	2#12, #12G - 1/2"C	New	120	1	5.3	640		No	CORD AND PLUG	EOPK2A-14		1
2P108.1	1	Electronic Faucet w/ Hydro-Generator	20/1	GFCI	2#12, #12G - 1/2"C	New	120	1	15	1800		No	CORD AND PLUG	EOPK2A-16		1
2P110	1	Refrigerator, Reach-In	20/1	GFCI	2#12, #12G - 1/2"C	New	120	1	6.5	780	1/3	No	CORD AND PLUG	EOPK2A-18		1
2P113.5	1	Disposer Controls	20/2	---	2#12, #12G - 1/2"C	New	208	1	12.1	2517	2	Yes	MOTOR-RATED SWITCH	EOPK2A-20,22		1
2P114	1	Dishwashing Machine	70/3	---	3#4, #8G - 1"C	New	208	3	50	17952	2	Yes	30A/3P/NF/3R	EOPK2A-24,26,28		1
2P300	1	Coffee Brewer	40/1	---	2#12, #12G - 1/2"C	By Vendor	120	1	27.5	6600		Yes	MOTOR-RATED SWITCH	EOPK2A-30	By Vendor, Verify Utility Requirements	1
2P301	1	Tea Brewer	20/1	GFCI	2#12, #12G - 1/2"C	By Vendor	120	1	14.4	1730		No	CORD AND PLUG	EOPK2A-32	By Vendor, Verify Utility Requirements	1
2P302	1	Dispenser, Juice	20/1	GFCI	2#12, #12G - 1/2"C	By Vendor	120	1	4.5	540		No	CORD AND PLUG	EOPK2A-34	By Vendor, Verify Utility Requirements	1
2P304.1	1	Chemical Dispensing - D3000 Head Unit	20/1	---	2#12, #12G - 1/2"C	By Vendor	120	1	1	120		Yes	MOTOR-RATED SWITCH	EOPK2A-36	By Vendor, Verify Utility Requirements	1

GENERAL NOTES:

- A. CONTRACTOR SHALL COORDINATE ALL EQUIPMENT REQUIREMENTS AND LOCATIONS WITH THE KITCHEN VENDOR'S EQUIPMENT DRAWINGS. ALL DISCONNECT AND SERVICE REQUIREMENTS SHALL BE COORDINATED WITH MANUFACTURER'S CUTSHEETS FOR ACTUAL EQUIPMENT PROVIDED. PROVIDE HARDWIRED CONNECTION OR RECEPTACLE AS NOTED AND COORDINATE ROUGH-IN LOCATIONS WITH ACTUAL EQUIPMENT PROVIDED.
- B. ALL 120-250V RECEPTACLES, RATED 150V OR LESS TO GROUND, SHALL BE GFCI OR BE ON A GFCI CIRCUIT BREAKER. THIS INCLUDES 1P, 50A OR LESS RECEPTACLES, AND 3P, 100A OR LESS RECEPTACLES [PER NEC210.8 (B)].

NOTES:

1. EQUIPMENT IS ON OPTIONAL EMERGENCY (GENERATOR) POWER.

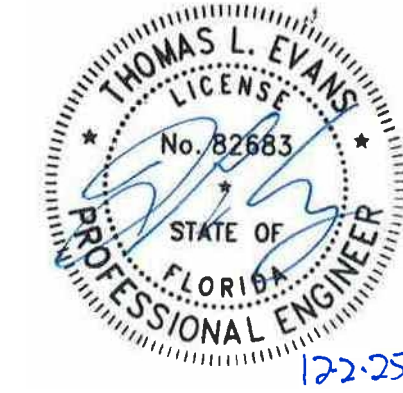


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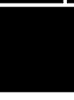
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ELECTRICAL
PLAN - AL
KITCHEN

E-422

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ELECTRICAL PANEL SCHEDULES

E-500

Branch Panel: L1A

SUPPLY FROM: MSB-MCIAI

MOUNTING: Surface

ENCLOSURE: Type 1

VOLTS: 120/208 Wye

PHASES: 3

WIRES: 4

A.I.C. RATING: 42 KAIC

MAINS TYPE: MLO

MAINS RATING: 225 A

CKT	CIRCUIT DESCRIPTION	TRIP	POL...	A	B	C	POL...	TRIP	CIRCUIT DESCRIPTION	CKT		
1	ELEVATOR CAB PWR	20	1	180	720			1	20	WORK ROOM RECEP	2	
3	ELEVATOR CAB PWR	20	1		180	1080		1	20	MC COORD RECEP	4	
5	ELEVATOR PIT RECEP	20	1				180	1440	1	20	MULTI PURPOSE RM RECEP	6
7	ELEVATOR PIT RECEP	20	1	600	720			1	20	MULTI PURPOSE RM RECEP	8	
9	ELEVATOR PIT RECEP	20	1		180	720		1	20	AL DIRECTOR RECEP	10	
11	FIRE PLACE	20	1			1200	180	1	20	SELF CARE RECEP	12	
13	RECEPTACLE	20	1	1260	1260			1	20	MC DINING RECEP	14	
15	RECEPTACLE	20	1		1440	540		1	20	MC DINING RECEP	16	
17	RECEPTACLE	20	1			720	1080	1	20	MC LIVING RECEP	18	
19	REST RM RECEP	20	1	1500	1440			1	20	CORRIDOR RECEP	20	
21	WATER FOUNTAIN [GFCI]	20	1		500	500		1	20	WASHER [GFCI]	22	
23	MED PREP RECEP	20	1			180	1500	2	30	DRYER [GFCI]	24	
25	MED PREP RECEP	20	1	180	1500			1	20	IT RECEPTACLE	26	
27	MED PREP RECEP	20	1		180	360		1	20	IT RECEPTACLE	28	
29	MED PREP RECEP	20	1			180	360	1	20	IT RECEPTACLE	30	
31	MED PREP RECEP	20	1	180	360			1	20	IT RECEPTACLE	32	
33	LOBBY RECEP	20	1		900	360		1	20	SPA RECEP	34	
35	DOORS	20	1			1000	500	1	20	SPA RECEP	36	
37	RECEPTION RECEP	20	1	540	500			1	20	SPA RECEP	38	
39	WORK ROOM RECEP	20	1		180	500		1	20	SPA RECEP	40	
41	WORK ROOM RECEP	20	1			180	180	1	20	RECEPTACLE	42	
TOTAL LOAD (VA):				10940 VA	7620 VA	8880 VA						
FEED THRU LOAD (VA):				11664 VA	10117 VA	9666 VA						
PANEL TOTALS (VA):				22604 VA	17737 VA	18546 VA						
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED...		PANEL TOTALS				
Equipment		5500 VA		100.00%		5500 VA		TOTAL CONNECTED LOAD...: 59				
Heating		1200 VA		100.00%		1200 VA		TOTAL DEMAND LOAD (VA): 46				
Kitchen Equipment - Non-Dwelling Unit		19680 VA		65.00%		12792 VA		TOTAL CONNECTED LOAD (A): 163				
Receptacle		25440 VA		69.64%		17730 VA		TOTAL DEMAND LOAD (A): 128				
Lighting		7047 VA		125.00%		8609 VA						
NOTES:												
[GFCI] - PROVIDE GFCI CIRCUIT BREAKER												

Branch Panel: E1

SUPPLY FROM: MSB-MC/AL

MOUNTING: Surface

ENCLOSURE: Type 1

VOLTS: 120/208 Wye

PHASES: 3

WIRES: 4

A.I.C. RATING: 42 KAIC

MAINS TYPE: MLO

MAINS RATING: 100 A

CKT	CIRCUIT DESCRIPTION	TRIP	POL...	A	B	C	POL...	TRIP	CIRCUIT DESCRIPTION	CKT
1	AREA OF REFUGE BASE STATION	20	1	200						2
3	FACP (LCK)	20	1		100					4
5	LEVEL 1 FSDs	20	1							6
7	LEVEL 2 FSDs	20	1	400						8
9	LIGHTING	20	1		672					10
11	LIGHTING	20	1			18				12
13										14
15	LIGHTING	20	1		192					16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42
TOTAL LOAD (VA):				600 VA	964 VA	418 VA				
FEED THRU LOAD (VA):				600 VA	592 VA	200 VA				
PANEL TOTALS (VA):				1200 VA	1556 VA	618 VA				
LOAD CLASSIFICATION		CONNECTED LOAD	DEMAND FACTOR		ESTIMATED...		PANEL TOTALS			
Motor		1600 VA	106.25%		1700 VA		TOTAL CONNECTED LOAD...: 3			
Receptacle		200 VA	100.00%		200 VA		TOTAL DEMAND LOAD (KVA): 4			
Lighting		1474 VA	125.00%		1843 VA		TOTAL CONNECTED LOAD (A): 9			
							TOTAL DEMAND LOAD (A): 10			

NOTES:

(LCK) - PROVIDE LOCKABLE (AT POSITION ON) CIRCUIT BREAKER

BRANched PANEL: L1C

SUPPLY FROM: L1B

MOUNTING: Surface

ENCLOSURE: Type 1

VOLTS: 120/208 Wye

PHASES: 3

WIRES: 4

A.I.C. RATING: 42 KA/C

MAINS TYPE: MLO

MAINS RATING: 225 A

FEED THRU LUGS: NO

CKT	CIRCUIT DESCRIPTION				TRIP	POL...	A	B	C	POL...	TRIP	CIRCUIT DESCRIPTION				CKT
3	LIGHTING				20	1	1516								2	
5															4	
7															6	
9															8	
11															10	
13															12	
15															14	
17															16	
19															18	
21															20	
23															22	
25							0			0	1	20			Spare 24	
27									0		1	20			Spare 26	
29										0	1	20			Spare 28	
31							0				1	20			Spare 30	
33									0		1	20			Spare 32	
35										0	1	20			Spare 34	
37							0				1	20			Spare 36	
39									0		1	20			Spare 38	
41										0	1	20			Spare 40	
TOTAL LOAD (VA):							1516	0	0							

LOAD CLASSIFICATION		CONNECTED LOAD	DEMAND FACTOR	ESTIMATED...	PANEL TOTALS	
Lighting		1516 VA	125.00%	1895 VA		
					TOTAL CONNECTED LOAD... 2	
					TOTAL DEMAND LOAD (KVA): 2	
					TOTAL CONNECTED LOAD (A): 4	
					TOTAL DEMAND LOAD (A): 5	

NOTES:

Branch Panel: L2A																			
SUPPLY FROM: MSB-MC/AL					VOLTS: 120/208 Wye					A.I.C. RATING: 42 KAIC					MOUNTING: Surface				
ENCLOSURE: Type 1					PHASES: 3					MAINS TYPE: MLO					WIRES: 4				
CKT	CIRCUIT DESCRIPTION				TRIP	POL...	A	B	C	POL...	TRIP	CIRCUIT DESCRIPTION				CKT			
1	RECEPTACLE	20	1	1260	1500										2				
3	RECEPTACLE	20	1				1260	1500				DRYER [GFCI]			4				
5	RECEPTACLE	20	1						180	360	1	20	RECEPTACLE		6				
7	RECEPTACLE	20	1	180	360						1	20	RECEPTACLE		8				
9	RECEPTACLE	20	1				180	540			1	20	RECEPTACLE		10				
11	RECEPTACLE	20	1						180	500	1	20	RECEPTACLE		12				
13	RECEPTACLE	20	1	180	500						1	20	RECEPTACLE		14				
15	RECEPTACLE	20	1				500	500			1	20	RECEPTACLE		16				
17	RECEPTACLE	20	1						180						18				
19	RECEPTACLE	20	1	720											20				
21	RECEPTACLE	20	1				500								22				
23	RECEPTACLE	20	1						500						24				
25	RECEPTACLE	20	1	1000											26				
27	RECEPTACLE	20	1				1260								28				
29	RECEPTACLE	20	1						500						30				
31	RECEPTACLE	20	1	1260											32				
33	RECEPTACLE	20	1				1080								34				
35	RECEPTACLE	20	1						900						36				
37	RECEPTACLE	20	1	2080											38				
39	WASHER [GFCI]	20	1				500								40				
41	RECEPTACLE	20	1						360						42				
TOTAL LOAD (VA):					9040 VA		7820 VA	3660 VA											
FEED THRU LOAD (VA):					2020 VA		2211 VA	1960 VA											
PANEL TOTALS (VA):					11060 VA		10031 VA	5620 VA											
LOAD CLASSIFICATION					CONNECTED LOAD		DEMAND FACTOR		ESTIMATED...		PANEL TOTALS								
Receptacle					20520 VA		74.37%		15260 VA		TOTAL CONNECTED LOAD... 27								
Lighting					6191 VA		125.00%		7739 VA		TOTAL DEMAND LOAD (KVA): 23								
											TOTAL CONNECTED LOAD (A): 74								
											TOTAL DEMAND LOAD (A): 64								
NOTES:																			
[GFCI] - PROVIDE GFCI CIRCUIT BREAKER																			

[illegible]

Branch Panel: AL2A

SUPPLY FROM: MSB-MC/AL

MOUNTING: Surface

ENCLOSURE: Type 1

VOLTS: 120/208 Wye

PHASES: 3

WIRES: 4

A.I.C. RATING: 42 KAIC

MAINS TYPE: MLO

MAINS RATING: 225 A

CKT	CIRCUIT DESCRIPTION		TRIP	POL...	A	B	C	POL...	TRIP	CIRCUIT DESCRIPTION		CKT
1	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1	1600	600			1	20	AL UNIT CIRCUIT	2
3	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1		600	600		1	20	AL UNIT CIRCUIT	4
5	AL UNIT CIRCUIT		20	1			600	600	1	20	AL UNIT CIRCUIT	6
7	AL UNIT CIRCUIT		20	1	600	1600			1	20	AL UNIT CIRCUIT [GFCI/AFCI]	8
9	AL UNIT CIRCUIT		20	1		600	600		1	20	AL UNIT CIRCUIT [GFCI/AFCI]	10
11	AL UNIT CIRCUIT		20	1			600	600	1	20	AL UNIT CIRCUIT	12
13	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1	1600	600			1	20	AL UNIT CIRCUIT	14
15	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1		600	600		1	20	AL UNIT CIRCUIT	16
17	AL UNIT CIRCUIT		20	1			600	600	1	20	AL UNIT CIRCUIT	18
19	AL UNIT CIRCUIT		20	1	600	1600			1	20	AL UNIT CIRCUIT [GFCI/AFCI]	20
21	AL UNIT CIRCUIT		20	1		600	600		1	20	AL UNIT CIRCUIT [GFCI/AFCI]	22
23	AL UNIT CIRCUIT		20	1			600	600	1	20	AL UNIT CIRCUIT	24
25	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1	1600	600			1	20	AL UNIT CIRCUIT	26
27	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1		600	600		1	20	AL UNIT CIRCUIT	28
29	AL UNIT CIRCUIT		20	1			600	600	1	20	AL UNIT CIRCUIT	30
31	AL UNIT CIRCUIT		20	1	600	1600			1	20	AL UNIT CIRCUIT [GFCI/AFCI]	32
33	AL UNIT CIRCUIT		20	1		600	600		1	20	AL UNIT CIRCUIT [GFCI/AFCI]	34
35	AL UNIT CIRCUIT		20	1			600	600	1	20	AL UNIT CIRCUIT	36
37	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1	1600	600			1	20	AL UNIT CIRCUIT	38
39	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1		600	600		1	20	AL UNIT CIRCUIT	40
41	AL UNIT CIRCUIT		20	1			600	600	1	20	AL UNIT CIRCUIT	42
TOTAL LOAD (VA):					15400 VA	8400 VA	8400 VA					
FEEED THRU LOAD (VA):					11000 VA	6000 VA	6000 VA					
PANEL TOTALS (VA):					26400 VA	14400 VA	14400 VA					
LOAD CLASSIFICATION				CONNECTED LOAD		DEMAND FACTOR		ESTIMATED...		PANEL TOTALS		
Equipment				19200 VA		100.00%		19200 VA		TOTAL CONNECTED LOAD...55		
Receptacle				36000 VA		63.89%		23000 VA		TOTAL DEMAND LOAD (KVA): 42		
										TOTAL CONNECTED LOAD (A): 153		
										TOTAL DEMAND LOAD (A): 117		

NOTES:

- PROVIDE AFCI BREAKERS FOR ALL 120V, SINGLE-PHASE, 15A AND 20A CIRCUITS.
[GFCI/AFCI] - PROVIDE GFCI / AFCI COMBINATION CIRCUIT BREAKER.

SUPPLY FROM: L2A

MOUNTING: Surface

ENCLOSURE: Type 1

VOLTS: 120/208 Wye

PHASES: 3

WIRES: 4

A.I.C. RATING: 42 KAIC

MAINS TYPE: MLO

MAINS RATING: 225 A

FEED THRU LUGS: NO

CKT	CIRCUIT DESCRIPTION	TRIP	POL...	A	B	C	POL...	TRIP	CIRCUIT DESCRIPTION	CKT
3	LIGHTING	20	1	1253						2
3	LIGHTING	20	1		899					4
5	LIGHTING	20	1			469				6
7	LIGHTING	20	1	767						8
9	LIGHTING	20	1		1312					10
11	LIGHTING	20	1			1491				12
13										14
15										16
17										18
19										20
21										22
23										24
25				0			0	1 20		Spare 24
27					0			1 20		Spare 26
29							0	1 20		Spare 28
31				0				1 20		Spare 30
33						0		1 20		Spare 32
35							0	1 20		Spare 34
37				0				1 20		Spare 36
39						0		1 20		Spare 38
41							0	1 20		Spare 40
TOTAL LOAD (VA):				2020	2211	1960				

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED...	PANEL TOTALS
Lighting	6191 VA	125.00%	7739 VA	TOTAL CONNECTED LOAD...: 6 TOTAL DEMAND LOAD (KVA): 8 TOTAL CONNECTED LOAD (A): 17 TOTAL DEMAND LOAD (A): 21

NOTES:

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BRANCH PANEL: M2

SUPPLY FROM: MSB-MC/AL

MOUNTING: Surface

ENCLOSURE: Type 1

VOLTS: 120/208 Wye

PHASES: 3

WIRES: 4

A.I.C. RATING: 42 KAIC

MAINS TYPE: MLO

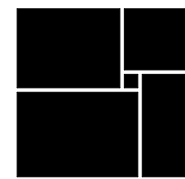
MAINS RATING: 400 A

FEED THRU LUGS: NO

CKT	CIRCUIT DESCRIPTION	TRIP	POL...	A	B	C	POL...	TRIP	CIRCUIT DESCRIPTION	CKT
1	EDH-B	35	1	3000						2
3	EDH-B	35	1		3000					4
5	EDH-B	35	1			3000				6
7	EDH-B	35	1	3000						8
9	EDH-B	35	1		3000					10
11	EDH-B	35	1			3000				12
13	EDH-B	35	1	3000						14
15	EDH-B	35	1		3000					16
17	EDH-C	35	1			3000				18
19	EDH-C	35	1	3000						20
21	EDH-C	35	1		3000					22
23	EDH-C	35	1			3000				24
25										26
27	FCU-2-1	15	2	198	198					28
29	EDH-2-1	40	1			3500				30
31										32
33	FCU-2-2	15	2	250	250					34
35						2500				36
37	EDH-2-2	60	2	2500						38
39										40
41	FCU-2-3	35	2		2729					42
43						2729				44
45	EDH-2-6	35	2	1500	1500					46
47	EDH-2-7	20	1			3000				48
49	EF-2-1	20	1	50						50
51	EF-2-2	20	1		50					52
53	EF-2-3	20	1			50				54
55	EF-2-4	20	1	50						56
57										58
59										60
61										62
63										64
65										66
67										68
69										70
71										72
73										74
75										76
77										78
79										80
81										82
83										84
TOTAL LOAD (VA):				16548	16727	23779				
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED...		PANEL TOTALS		
HVAC		6353 VA		100.00%		6353 VA		TOTAL CONNECTED LOAD... 57		
Heating		50500 VA		100.00%		50500 VA		TOTAL DEMAND LOAD (KVA): 57		
Motor		200 VA		106.25%		213 VA		TOTAL CONNECTED LOAD (A): 168		
								TOTAL DEMAND LOAD (A): 158		
NOTES:										

[illegible]

**UNIVERSITY OF FLORIDA
HOSPITAL
CORNFORD CAMPUS - ASSISTED LIVING
MEMORY CARE BUILDING**
601 UNIVERSE BLVD JUNO BEACH, FL 33048



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**ISSUED FOR
CONSTRUCTION**

Project No.: 2021009
Date: 12/01/2025

ELECTRICAL PANEL SCHEDULES

E-501



Salas O'Brien

salasobrien.com
Atlanta
3200 Windy Hill Road, SE, Suite 200E
Atlanta, GA 30339

Project Number: 2024-03276

Branch Panel: L3A															
SUPPLY FROM: MSB-MC/AL					VOLTS: 120/208 Wye					A.I.C. RATING: 42 KAIC					
MOUNTING: Surface					PHASES: 3					MAINS TYPE: MLO					
ENCLOSURE: Type 1					WIRES: 4					MAINS RATING: 225 A					
CKT	CIRCUIT DESCRIPTION		TRIP	POL...	A		B		C		POL...	TRIP	CIRCUIT DESCRIPTION		CKT
1	RECEPTACLE		20	1	900	90						2	30		2
3	RECEPTACLE		20	1			1080	90						DRYER (GFCI)	4
5	RECEPTACLE		20	1					500	360	1	20		RECEPTACLE	6
7	RECEPTACLE		20	1	500	360					1	20		RECEPTACLE	8
9	RECEPTACLE		20	1			1440	360			1	20		RECEPTACLE	10
11	RECEPTACLE		20	1					1080	180	1	20		RECEPTACLE	12
13	RECEPTACLE		20	1	1000	1080					1	20		RECEPTACLE	14
15	RECEPTACLE		20	1			180	900			1	20		RECEPTACLE	16
17	RECEPTACLE		20	1					180	1725	1	20		LIGHTING	18
19	RECEPTACLE		20	1	180	1282					1	20		LIGHTING	20
21	RECEPTACLE		20	1			180	743			1	20		LIGHTING	22
23	RECEPTACLE		20	1					180	1456	1	20		LIGHTING	24
25	RECEPTACLE		20	1	180	107					1	20		LIGHTING	26
27	RECEPTACLE		20	1			180								28
29	RECEPTACLE		20	1					180						30
31	RECEPTACLE		20	1	180										32
33	RECEPTACLE		20	1			180								34
35	RECEPTACLE		20	1					1440						36
37	RECEPTACLE		20	1	720										38
39	RECEPTACLE		20	1			1760								40
41	WASHER (GFCI)		20	1					180						42
TOTAL LOAD (VA):					6579 VA		7093 VA		7461 VA						
FEED THRU LOAD (VA):					0 VA		0 VA		0 VA						
PANEL TOTALS (VA):					6579 VA		7093 VA		7461 VA						
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED...		PANEL TOTALS							
Receptacle		15820 VA		81.61%		12910 VA		TOTAL CONNECTED LOAD...: 21							
Lighting		5313 VA		125.00%		6641 VA		TOTAL DEMAND LOAD (KVA): 20							
								TOTAL CONNECTED LOAD (A): 59							
								TOTAL DEMAND LOAD (A): 54							
NOTES:															
[GFCI] - PROVIDE GFCI CIRCUIT BREAKER															

BRANCH PANEL: L3B														
SUPPLY FROM: L3A					VOLTS: 120/208 Wye					A.I.C. RATING: 42 KA/IC				
MOUNTING: Surface					PHASES: 3					MAINS TYPE: MLO				
ENCLOSURE: Type 1					WIRES: 4					MAINS RATING: 225 A				
										FEED THRU LUGS: NO				
CKT	CIRCUIT DESCRIPTION	TRIP	POL...	A	B	C	POL...	TRIP	CIRCUIT DESCRIPTION	CKT				
1										2				
3										4				
5										6				
7										8				
9										10				
11										12				
13										14				
15										16				
17										18				
19										20				
21										22				
23						0	1	20	Spare	24				
25				0				1	20	Spare	26			
27					0			1	20	Spare	28			
29							0	1	20	Spare	30			
31				0				1	20	Spare	32			
33					0			1	20	Spare	34			
35							0	1	20	Spare	36			
37				0				1	20	Spare	38			
39					0			1	20	Spare	40			
41							0	1	20	Spare	42			
TOTAL LOAD (VA):				0	0	0								
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED...		PANEL TOTALS						
								TOTAL CONNECTED LOAD...: 0						
								TOTAL DEMAND LOAD (KVA): 0						
								TOTAL CONNECTED LOAD (A): 0						
								TOTAL DEMAND LOAD (A): 0						
NOTES:														

Branch Panel: AL3A														
SUPPLY FROM: MSB-MC/AL					VOLTS: 120/208 Wye					A.I.C. RATING: 42 KAIC				
MOUNTING: Surface					PHASES: 3					MAINS TYPE: MLO				
ENCLOSURE: Type 1					WIRES: 4					MAINS RATING: 225 A				
CKT	CIRCUIT DESCRIPTION		TRIP	POL...	A	B	C	POL...	TRIP	CIRCUIT DESCRIPTION		CKT		
1	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1	1600	600			1	20	AL UNIT CIRCUIT	2		
3	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1		600	600		1	20	AL UNIT CIRCUIT	4		
5	AL UNIT CIRCUIT		20	1			600	600	1	20	AL UNIT CIRCUIT	6		
7	AL UNIT CIRCUIT		20	1	600	1600			1	20	AL UNIT CIRCUIT	8		
9	AL UNIT CIRCUIT		20	1		600	600		1	20	AL UNIT CIRCUIT	10		
11	AL UNIT CIRCUIT		20	1			600	600	1	20	AL UNIT CIRCUIT	12		
13	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1	1600	600			1	20	AL UNIT CIRCUIT	14		
15	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1		600	600		1	20	AL UNIT CIRCUIT	16		
17	AL UNIT CIRCUIT		20	1			600	600	1	20	AL UNIT CIRCUIT	18		
19	AL UNIT CIRCUIT		20	1	600	1600			1	20	AL UNIT CIRCUIT	20		
21	AL UNIT CIRCUIT		20	1		600	600		1	20	AL UNIT CIRCUIT	22		
23	AL UNIT CIRCUIT		20	1			600	600	1	20	AL UNIT CIRCUIT	24		
25	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1	1600	600			1	20	AL UNIT CIRCUIT	26		
27	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1		600	600		1	20	AL UNIT CIRCUIT	28		
29	AL UNIT CIRCUIT		20	1			600	600	1	20	AL UNIT CIRCUIT	30		
31	AL UNIT CIRCUIT		20	1	600	1600			1	20	AL UNIT CIRCUIT	32		
33	AL UNIT CIRCUIT		20	1		600	600		1	20	AL UNIT CIRCUIT	34		
35	AL UNIT CIRCUIT		20	1			600	600	1	20	AL UNIT CIRCUIT	36		
37	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1	1600	600			1	20	AL UNIT CIRCUIT	38		
39	AL UNIT CIRCUIT	[GFCI/AFCI]	20	1		600	600		1	20	AL UNIT CIRCUIT	40		
41	AL UNIT CIRCUIT		20	1			600	600	1	20	AL UNIT CIRCUIT	42		
TOTAL LOAD (VA):			15400 VA			8400 VA			8400 VA					
FEED THRU LOAD (VA):			11000 VA			6000 VA			6000 VA					
PANEL TOTALS (VA):			26400 VA			14400 VA			14400 VA					
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED...		PANEL TOTALS						
Equipment		19200 VA		100.00%		19200 VA		TOTAL CONNECTED LOAD...: 55						
Receptacle		36000 VA		63.89%		23000 VA		TOTAL DEMAND LOAD (KVA): 42						
								TOTAL CONNECTED LOAD (A): 153						
								TOTAL DEMAND LOAD (A): 117						
NOTES:														
-PROVIDE AFCI BREAKERS FOR ALL 120V, SINGLE-PHASE, 15A AND 20A CIRCUITS. [GFCI/AFCI] - PROVIDE GFCI / AFCI COMBINATION CIRCUIT BREAKER														

BRANCH PANEL: AL3B															
SUPPLY FROM: AL3A					VOLTS: 120/208 Wye					A.I.C. RATING: 42 KAIC					
MOUNTING: Surface					PHASES: 3					MAINS TYPE: MLO					
ENCLOSURE: Type 1					WIRES: 4					MAINS RATING: 225 A					
										FEED THRU LUGS: NO					
CKT	CIRCUIT DESCRIPTION		TRIP	POL...	A		B		C		POL...	TRIP	CIRCUIT DESCRIPTION		CKT
3	AL UNIT CIRCUIT	[GFCI/AF-C]	20	1	1600	600					1	20		AL UNIT CIRCUIT	2
4	AL UNIT CIRCUIT	[GFCI/AF-C]	20	1		600	600				1	20		AL UNIT CIRCUIT	4
5	AL UNIT CIRCUIT		20	1					600	600	1	20		AL UNIT CIRCUIT	6
7	AL UNIT CIRCUIT		20	1	600	1600					1	20		AL UNIT CIRCUIT	8
9	AL UNIT CIRCUIT		20	1			600	600			1	20		AL UNIT CIRCUIT	10
11	AL UNIT CIRCUIT		20	1					600	600	1	20		AL UNIT CIRCUIT	12
13	AL UNIT CIRCUIT	[GFCI/AF-C]	20	1	1600	600					1	20		AL UNIT CIRCUIT	14
15	AL UNIT CIRCUIT	[GFCI/AF-C]	20	1			600	600			1	20		AL UNIT CIRCUIT	16
17	AL UNIT CIRCUIT		20	1					600	600	1	20		AL UNIT CIRCUIT	18
19	AL UNIT CIRCUIT		20	1	600										20
21	AL UNIT CIRCUIT		20	1			600								22
23	AL UNIT CIRCUIT		20	1					600	0	1	20			24
25	AL UNIT CIRCUIT	[GFCI/AF-C]	20	1	1600	0					1	20			26
27	AL UNIT CIRCUIT	[GFCI/AF-C]	20	1			600	0			1	20			28
29	AL UNIT CIRCUIT		20	1					600	0	1	20			30
31	AL UNIT CIRCUIT		20	1	600	0					1	20			32
33	AL UNIT CIRCUIT		20	1			600	0			1	20			34
35	AL UNIT CIRCUIT		20	1					600	0	1	20			36
37	AL UNIT CIRCUIT	[GFCI/AF-C]	20	1	1600	0					1	20			38
39	AL UNIT CIRCUIT	[GFCI/AF-C]	20	1			600	0			1	20			40
41	AL UNIT CIRCUIT		20	1					600	0	1	20			42
TOTAL LOAD (VA):					11000		6000		6000						
LOAD CLASSIFICATION			CONNECTED LOAD		DEMAND FACTOR		ESTIMATED...		PANEL TOTALS						
Equipment			8000 VA		100.00%		8000 VA		TOTAL CONNECTED LOAD...: 23						
Receptacle			15000 VA		83.33%		12500 VA		TOTAL DEMAND LOAD (KVA): 21						
									TOTAL CONNECTED LOAD (A): 64						
									TOTAL DEMAND LOAD (A): 57						
NOTES:															
-PROVIDE AFCI BREAKERS FOR ALL 120V, SINGLE-PHASE, 15A AND 20A CIRCUITS.															
[GFCI/AF-C] - PROVIDE GFCI / AFCI COMBINATION CIRCUIT BREAKER.															

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BRANCH PANEL: ERS3A										
SUPPLY FROM: MSB-MC/AL				VOLTS: 120/208 Wye				A.I.C. RATING: 42 KA/IC		
MOUNTING: Surface				PHASES: 3				MAINS TYPE: MLO		
ENCLOSURE: Type 1				WIRES: 4				MAINS RATING: 600 A		
								FEED THRU LUGS: NO		
CKT	CIRCUIT DESCRIPTION	TRIP	POL...	A	B	C	POL...	TRIP	CIRCUIT DESCRIPTION	CKT
1				11808						2
3	DOAS-1	150	3		11808					4
5						11808				6
7				8983						8
9	ELEVATOR 1	100	3		8983					10
11						8983				12
13				8983						14
15	ELEVATOR 2	100	3		8983					16
17						8983				18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42
TOTAL LOAD (VA):				29774	29774	29774				
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED...		PANEL TOTALS		
HVAC		35424 VA		100.00%		35424 VA		TOTAL CONNECTED LOAD...: 89		
Motor		53898 VA		112.50%		60635 VA		TOTAL DEMAND LOAD (KVA): 96		
								TOTAL CONNECTED LOAD (A): 248		
								TOTAL DEMAND LOAD (A): 267		
NOTES:										

Branch Panel: M3A													
SUPPLY FROM: MSB-MC/AL				VOLTS: 120/208 Wye				A.I.C. RATING: 42 KA/IC					
MOUNTING: Surface				PHASES: 3				MAINS TYPE: MLO					
ENCLOSURE: Type 1				WIRES: 4				MAINS RATING: 800 A					
CKT	CIRCUIT DESCRIPTION	TRIP	POL...	A	B	C	POL...	TRIP	CIRCUIT DESCRIPTION	CKT			
1	DOAS-2	150	3	11808	1340			2	20	HP-B			
3					11808	1340			2	20	HP-B		
5							11808	1340			2	20	HP-B
7					4243	1340					2	20	HP-B
9	RTU-1	45	3		4243	1340				10			
11							4243	1340		12			
13	HP-A	15	2	1207	1340			2	20	HP-B			
15					1207	1340		2	20	HP-B			
17	HP-A	15	2			1207	1340	2	20	HP-B			
19				1207	1340					20			
21	HP-A	15	2		1207	1340		2	20	HP-B			
23						1207	1340	2	20	HP-B			
25	HP-A	15	2	1207	1340			2	20	HP-B			
27					1207	1340		2	20	HP-B			
29	HP-A	15	2			1207	1340	2	20	HP-B			
31				1207	1340					32			
33	HP-A	15	2		1207	1340		2	20	HP-B			
35						1207	1340	2	20	HP-B			
37	HP-A	15	2	1207	1340			2	20	HP-B			
39					1207	1340		2	20	HP-B			
41	HP-A	15	2			1207	1340	2	20	HP-B			
43				1207	1340					44			
45	HP-A	15	2		1207	1340		2	20	HP-B			
47						1207	1340	2	20	HP-B			
49	HP-A	15	2	1207	1340			2	20	HP-B			
51					1207	1340		2	20	HP-B			
53	HP-A	15	2			1207	1340	2	20	HP-B			
55				1207	1340					56			
57	HP-A	15	2		1207	3000		1	35	EDH-B			
59						1207	3000	1	35	EDH-B			
61	HP-A	15	2	1207	3000			1	35	EDH-B			
63					1207	3000		1	35	EDH-B			
65	HP-A	15	2			1207	3000	1	35	EDH-B			
67				1207	3000			1	35	EDH-B			
69	HP-A	15	2		1207	3000		1	35	EDH-B			
71						1207	3000	1	35	EDH-B			
73	HP-A	15	2	1207						74			
75					1207					76			
77	HP-B	20	2	1340			1340			78			
79										80			
81	HP-B	20	2		1340					82			
83						1340				84			
TOTAL LOAD (VA):				50057 VA	51718 VA	51851 VA							
FEED THRU LOAD (VA):				34211 VA	33640 VA	35075 VA							
PANEL TOTALS (VA):				84268 VA	85357 VA	86926 VA							
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED...		PANEL TOTALS					
HVAC		208900 VA		100.00%		208900 VA		TOTAL CONNECTED LOAD...: 257					
Heating		47500 VA		100.00%		47500 VA		TOTAL DEMAND LOAD (KVA): 257					
Motor		150 VA		108.33%		163 VA		TOTAL CONNECTED LOAD (A): 712					
								TOTAL DEMAND LOAD (A): 712					
NOTES:													

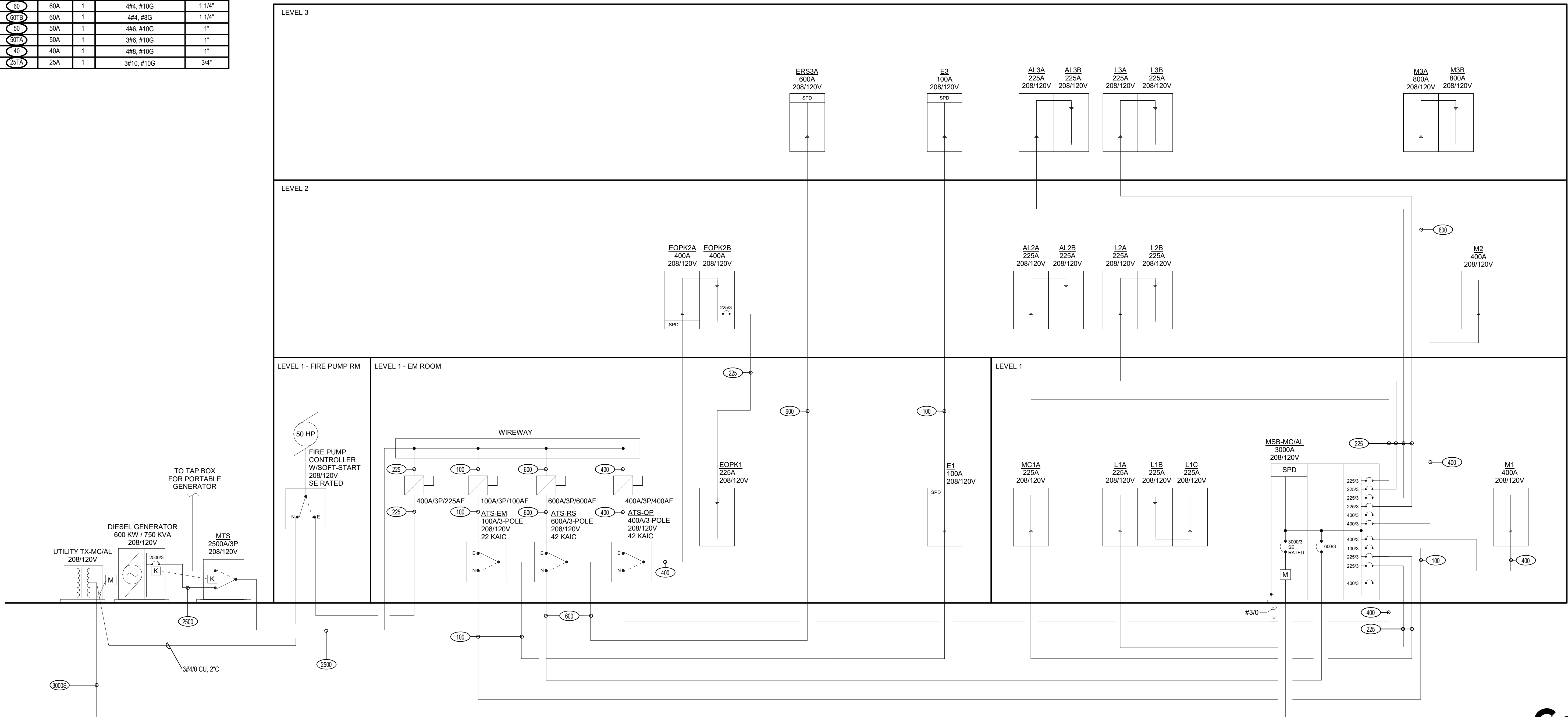
BRANCH PANEL: M3B											
SUPPLY FROM: M3A				VOLTS: 120/208 Wye				A.I.C. RATING: 42 KA/IC			
MOUNTING: Surface				PHASES: 3				MAINS TYPE: MLO			
ENCLOSURE: Type 1				WIRES: 4				MAINS RATING: 800 A			
FEED THRU LUGS: NO											
CKT	CIRCUIT DESCRIPTION	TRIP	POL...	A	B	C	POL...	TRIP	CIRCUIT DESCRIPTION	CKT	
1	HP-C	15	2	1215	1781			2	25	CU-2-1	
3				1215	1781					4	
5	HP-C	15	2	1215	1781	1215	1781	2	25	CU-3-1	
7										6	
9	HP-C	15	2		1215	50		1	20	EF-3-1	
11						1215	50	1	20	EF-3-2	
13	HP-C	15	2	1215	1789			2	35	HP-1-2	
15					1215	1789				14	
17	HP-C	15	2			1215	1789	2	25	HP-1-3	
19					1215	1789				18	
21	HP-C	15	2		1215	1789		2	35	HP-1-4	
23						1215	1789			22	
25	HP-C	15	2	1215	965			2	15	HP-1-6	
27					1215	965				28	
29	HP-C	15	2	1215	965		1215	965	2	15	HP-1-7
31										32	
33	EDH-C	35	1		3000	1581		2	20	HP-2-1	
35	EDH-C	35	1			3000	1581			36	
37	EDH-C	35	1	3000	1789					38	
39	EDH-C	35	1		3000	1789		2	35	HP-2-2	
41	HP-1-1	20	2	1148	1148		1148	2	15	HP-2-3	
43	FCU-3-1	15	2		250	965		2	15	HP-2-6	
45							250	965		46	
47	HP-3-1	35	2	1789	965			2	15	HP-2-7	
49					1789	965				52	
51	EDH-3-1	60	1			5000				54	
53					198					56	
55	FCU-3-2	15	2		198					58	
57							1581			60	
59	HP-3-2	20	2	1581						62	
61						3500				64	
63	EDH-3-2	45	1				3494			66	
65	FCU-3-3	45	2	3494						68	
67						1414				70	
69	HP-3-3	25	2	965						72	
71						965				74	
73	HP-3-4	15	2				3000			76	
75										78	
77	EDH-3-4	35	1							80	
79	CU-1-1	25	2	1781						82	
81	REF-1	20	1			50				84	
83											
TOTAL LOAD (VA):				34211	33640	35075					
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED...		PANEL TOTALS			
HVAC		79275 VA		100.00%		79275 VA		TOTAL CONNECTED LOAD...: 103			
Heating		23500 VA		100.00%		23500 VA		TOTAL DEMAND LOAD (KVAr): 103			
Motor		150 VA		108.33%		163 VA		TOTAL CONNECTED LOAD (A): 296			
								TOTAL DEMAND LOAD (A): 286			
NOTES:											

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MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE - MC/AL											
ITEM	QTY	DESCRIPTION	LOCATION	VOLTAGE/ PHASE	HP/FLA/KW/MCA	CIRCUIT BREAKER	WIRING	DISCONNECT	NOTES	CIRCUIT	
DOAS-1	1	DEDICATED OUTSIDE UNIT	ROOF	208/3	123.8 MCA	150/3	3#1/0, #6G - 1-1/2" C	BY MECHANICAL	1,2	ERS3A-1,3,5	
DOAS-2	1	DEDICATED OUTSIDE UNIT	ROOF	208/3	123.8 MCA	150/3	3#1/0, #6G - 1-1/2" C	BY MECHANICAL	1	M3A-1,3,5	
RTU-1	1	ROOF TOP UNIT	ROOF	208/3	44.2 MCA	45/3	3#6, #10G - 3/4" C	BY MECHANICAL	1	M3A-7,9,11	
FCU-A	16	HORIZONTAL FAN COIL UNIT	L1 MC UNIT	208/1	1.0 MCA	---	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	3		
HP-A	16	HEAT PUMP	ROOF	208/1	11.6 MCA	15/2	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	3	M3A-13,15; M3A-17,19; M3A-21,23; M3A-25,27; M3A-29,31; M3A-33,35; M3A-37,39; M3A-41,43; M3A-45,47; M3A-49,51; M3A-53,55; M3A-57,59; M3A-61,63; M3A-65,67; M3A-69,71; M3A-73,75	
EDH-A	16	ELEC DUCT HEATER	L1 MC UNIT FCU-A	120/1	3.0 KW	35/1	2#8, #10G - 3/4" C	BY MECHANICAL		M1-1; M1-3; M1-5; M1-7; M1-9; M1-11; M1-13; M1-15; M1-17; M1-19; M1-21; M1-23; M1-25; M1-27; M1-29; M1-31	
FCU-B	16	HORIZONTAL FAN COIL UNIT	L2 & L3 AL UNIT	208/1	1.0 MCA	---	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	3		
HP-B	16	HEAT PUMP	ROOF	208/1	16.1 MCA	20/2	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	3	M3A-77,79; M3A-81,83; M3A-2,4; M3A-6,8; M3A-10,12; M3A-14,16; M3A-18,20; M3A-22,24; M3A-26,28; M3A-30,32; M3A-34,36; M3A-38,40; M3A-42,44; M3A-46,48; M3A-50,52; M3A-54,56	
EDH-B	16	ELEC DUCT HEATER	L2 & L3 AL UNIT FCU-B	120/1	3.0 KW	35/1	2#8, #10G - 3/4" C	BY MECHANICAL		M2-1; M2-3; M2-5; M2-7; M2-9; M2-11; M2-13; M2-15; M3A-68; M3A-60; M3A-62; M3A-64; M3A-66; M3A-68; M3A-70; M3A-72	
FCU-C	8	HORIZONTAL FAN COIL UNIT	L2 & L3 AL UNIT	208/1	1.0 MCA	---	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	3		
HP-C	8	HEAT PUMP	ROOF	208/1	14.6 MCA	15/2	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	3	M3B-1,3; M3B-5,7; M3B-9,11; M3B-13,15; M3B-17,19; M3B-21,23; M3B-25,27; M3B-29,31	
EDH-C	8	ELEC DUCT HEATER	L2 & L3 AL UNIT FCU-B	120/1	3.0 KW	35/1	2#8, #10G - 3/4" C	BY MECHANICAL		M2-17; M2-19; M2-21; M2-23; M3B-33; M3B-35; M3B-37; M3B-39	
FCU-1-1	1	VERTICAL FAN COIL UNIT	LEVEL 1	208/1	32.8 MCA	35/2	2#8, #10G - 3/4" C	MOTOR-RATED SWITCH		M1-33,35	
HP-1-1	1	HEAT PUMP	ROOF	208/1	13.8 MCA	20/2	2#12, #12G - 1/2" C	30A/2P/NF/3R		M3B-41,43	
FCU-1-2	1	VERTICAL FAN COIL UNIT	LEVEL 1	208/1	42.0 MCA	45/2	2#6, #10G - 3/4" C	MOTOR-RATED SWITCH		M1-37,39	
HP-1-2	1	HEAT PUMP	ROOF	208/1	21.5 MCA	35/2	2#8, #10G - 3/4" C	60A/2P/NF/3R		M3B-14,16	
FCU-1-3	1	VERTICAL FAN COIL UNIT	LEVEL 1	208/1	42.0 MCA	45/2	2#6, #10G - 3/4" C	MOTOR-RATED SWITCH		M1-41,43	
HP-1-3	1	HEAT PUMP	ROOF	208/1	17.0 MCA	25/2	2#10, #10G - 3/4" C	30A/2P/NF/3R		M3B-18,20	
FCU-1-4	1	VERTICAL FAN COIL UNIT	LEVEL 1	208/1	3.0 MCA	15/2	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH		M1-45,47	
HP-1-4	1	HEAT PUMP	ROOF	208/1	34.6 MCA	35/2	2#8, #10G - 3/4" C	60A/2P/NF/3R		M3B-22,24	
FCU-1-5	1	VERTICAL FAN COIL UNIT	LEVEL 1	208/1	1.9 MCA	15/2	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	2	EOPK1-9,11	
HP-1-5	1	HEAT PUMP	ROOF	208/1	19.8 MCA	20/2	2#12, #12G - 1/2" C	30A/2P/NF/3R	2	EOPK2A-38,40	
EDH-1-5	1	ELEC DUCT HEATER	LEVEL 1	120/1	3.5 KW	40/1	2#8, #10G - 3/4" C	BY MECHANICAL	2	EOPK1-13	
FCU-1-6	1	VERTICAL FAN COIL UNIT	LEVEL 1	208/1	1.0 MCA	---	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	3		
HP-1-6	1	HEAT PUMP	ROOF	208/1	11.6 MCA	15/2	2#12, #12G - 1/2" C	30A/2P/NF/3R	3	M3B-26,28	
EDH-1-6	1	ELEC DUCT HEATER	LEVEL 1	120/1	3.0 KW	35/1	2#8, #10G - 3/4" C	BY MECHANICAL		M1-49	
FCU-1-7	1	VERTICAL FAN COIL UNIT	LEVEL 1	208/1	1.0 MCA	---	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	3		
HP-1-7	1	HEAT PUMP	ROOF	208/1	11.6 MCA	15/2	2#12, #12G - 1/2" C	30A/2P/NF/3R	3	M3B-30,32	
EDH-1-7	1	ELEC DUCT HEATER	LEVEL 1	120/1	3.0 KW	35/1	2#8, #10G - 3/4" C	BY MECHANICAL		M1-51	
FCU-2-1	1	VERTICAL FAN COIL UNIT	LEVEL 2	208/1	1.9 MCA	15/2	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH		M2-25,27	
HP-2-1	1	HEAT PUMP	ROOF	208/1	19.8 MCA	20/2	2#12, #12G - 1/2" C	30A/2P/NF/3R		M3B-34,36	
EDH-2-1	1	ELEC DUCT HEATER	LEVEL 2	120/1	3.5 KW	40/1	2#8, #10G - 3/4" C	BY MECHANICAL		M2-29	
FCU-2-2	1	VERTICAL FAN COIL UNIT	LEVEL 2	208/1	3.0 MCA	15/2	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH		M2-31,33	
HP-2-2	1	HEAT PUMP	ROOF	208/1	34.6 MCA	35/2	2#8, #10G - 3/4" C	60A/2P/NF/3R		M3B-38,40	
EDH-2-2	1	ELEC DUCT HEATER	LEVEL 2	120/1	5.0 KW	60/1	2#4, #10G - 1" C	BY MECHANICAL		M2-35,37	
FCU-2-3	1	VERTICAL FAN COIL UNIT	LEVEL 2	208/1	32.8 MCA	35/2	2#8, #10G - 3/4" C	MOTOR-RATED SWITCH		M2-39,41	
HP-2-3	1	HEAT PUMP	ROOF	208/1	11.4 MCA	15/2	2#12, #12G - 1/2" C	30A/2P/NF/3R		M3B-42,44	
FCU-2-4	1	VERTICAL FAN COIL UNIT	LEVEL 2	208/1	3.6 MCA	15/2	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	2	EOPK2B-7,9	
HP-2-4	1	HEAT PUMP	ROOF	208/1	34.6 MCA	35/2	2#8, #10G - 3/4" C	60A/2P/NF/3R	2	EOPK2B-11,13	
FCU-2-5	1	VERTICAL FAN COIL UNIT	LEVEL 2	208/1	1.9 MCA	15/2	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	2	EOPK2B-15,17	
HP-2-5	1	HEAT PUMP	ROOF	208/1	19.8 MCA	20/2	2#12, #12G - 1/2" C	30A/2P/NF/3R	2	EOPK2B-19,21	
EDH-2-5	1	ELEC DUCT HEATER	LEVEL 2	120/1	3.5 KW	40/1	2#8, #10G - 3/4" C	BY MECHANICAL	2	EOPK2B-23	
FCU-2-6	1	VERTICAL FAN COIL UNIT	LEVEL 2	208/1	1.0 MCA	---	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	3		
HP-2-6	1	HEAT PUMP	ROOF	208/1	11.6 MCA	15/2	2#12, #12G - 1/2" C	30A/2P/NF/3R	3	M3B-46,48	
EDH-2-6	1	ELEC DUCT HEATER	LEVEL 2	120/1	3.0 KW	35/1	2#8, #10G - 3/4" C	BY MECHANICAL		M2-43,45	
FCU-2-7	1	VERTICAL FAN COIL UNIT	LEVEL 2	208/1	1.0 MCA	---	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	3		
HP-2-7	1	HEAT PUMP	ROOF	208/1	11.6 MCA	15/2	2#12, #12G - 1/2" C	30A/2P/NF/3R	3	M3B-50,52	
EDH-2-7	1	ELEC DUCT HEATER	LEVEL 2	120/1	3.0 KW	35/1	2#8, #10G - 3/4" C	BY MECHANICAL		M2-47	
FCU-3-1	1	VERTICAL FAN COIL UNIT	LEVEL 3	208/1	3.0 MCA	15/2	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH		M3B-45,47	
HP-3-1	1	HEAT PUMP	ROOF	208/1	34.6 MCA	35/2	2#8, #10G - 3/4" C	60A/2P/NF/3R		M3B-49,51	
EDH-3-1	1	ELEC DUCT HEATER	LEVEL 3	120/1	5.0 KW	60/1	2#4, #10G - 1" C	BY MECHANICAL		M3B-53	
FCU-3-2	1	VERTICAL FAN COIL UNIT	LEVEL 3	208/1	1.9 MCA	15/2	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH		M3B-55,57	
HP-3-2	1	HEAT PUMP	ROOF	208/1	19.8 MCA	20/2	2#12, #12G - 1/2" C	30A/2P/NF/3R		M3B-59,61	
EDH-3-2	1	ELEC DUCT HEATER	LEVEL 3	120/1	4.0 KW	45/1	2#6, #10G - 3/4" C	BY MECHANICAL		M3B-63	
FCU-3-3	1	VERTICAL FAN COIL UNIT	LEVEL 3	208/1	42.0 MCA	45/2	2#6, #10G - 3/4" C	MOTOR-RATED SWITCH		M3B-65,67	
HP-3-3	1	HEAT PUMP	ROOF	208/1	17.0 MCA	25/2	2#10, #10G - 3/4" C	30A/2P/NF/3R		M3B-69,71	
FCU-3-4	1	VERTICAL FAN COIL UNIT	LEVEL 3	208/1	1.0 MCA	---	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	3		
HP-3-4	1	HEAT PUMP	ROOF	208/1	11.6 MCA	15/2	2#12, #12G - 1/2" C	30A/2P/NF/3R	3	M3B-73,75	
EDH-3-4	1	ELEC DUCT HEATER	LEVEL 3	120/1	3.0 KW	35/1	2#8, #10G - 3/4" C	BY MECHANICAL		M3B-77	
DSS-1-1	1	DUCTLESS SPLIT SYSTEM	LEVEL 1	208/1	1.0 MCA	---	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	3		
CU-1-1	1	CONDENSING UNIT	ROOF	208/1	21.4 MCA	25/2	2#10, #10G - 3/4" C	30A/2P/NF/3R	3	M3B-79,81	
DSS-2-1	1	DUCTLESS SPLIT SYSTEM	LEVEL 2	208/1	1.0 MCA	---	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	3		
CU-2-1	1	CONDENSING UNIT	ROOF	208/1	21.4 MCA	25/2	2#10, #10G - 3/4" C	30A/2P/NF/3R	3	M3B-2,4	
DSS-3-1	1	DUCTLESS SPLIT SYSTEM	LEVEL 2	208/1	1.0 MCA	---	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	3		
CU-3-1	1	CONDENSING UNIT	ROOF	208/1	21.4 MCA	25/2	2#10, #10G - 3/4" C	30A/2P/NF/3R	3	M3B-6,8	
REF-1	1	FAN	ROOF	120/1	50 W	20/1	2#12, #12G - 1/2" C	30A/1P/NF/3R		M3B-83	
EF-1-1	1	FAN	LEVEL 1	120/1	50 W	20/1	2#12, #12G - 1/2" C	BY MECHANICAL		M1-53	
EF-1-2	1	FAN	LEVEL 1	120/1	50 W	20/1	2#12, #12G - 1/2" C	BY MECHANICAL		M1-55	
EF-1-3	1	FAN	LEVEL 1	120/1	50 W	20/1	2#12, #12G - 1/2" C	BY MECHANICAL		M1-57	
EF-1-4	1	FAN	LEVEL 1	120/1	50 W	20/1	2#12, #12G - 1/2" C	BY MECHANICAL		M1-59	
EF-1-5	1	FAN	LEVEL 1	120/1	50 W	20/1	2#12, #12G - 1/2" C	BY MECHANICAL		M1-61	
EF-1-6	1	FAN	LEVEL 1	120/1	50 W	20/1	2#12, #12G - 1/2" C	BY MECHANICAL		M1-63	
EF-2-1	1	FAN	LEVEL 2	120/1	50 W	20/1	2#12, #12G - 1/2" C	BY MECHANICAL		M2-49	
EF-2-2	1	FAN	LEVEL 2	120/1	50 W	20/1	2#12, #12G - 1/2" C	BY MECHANICAL		M2-51	
EF-2-3	1	FAN	LEVEL 2	120/1	50 W	20/1	2#12, #12G - 1/2" C	BY MECHANICAL		M2-53	
EF-2-4	1	FAN	LEVEL 2	120/1	50 W	20/1	2#12, #12G - 1/2" C	BY MECHANICAL		M2-55	
EF-3-1	1	FAN	LEVEL 3	120/1	50 W	20/1	2#12, #12G - 1/2" C	BY MECHANICAL		M3B-10	
EF-3-2	1	FAN	LEVEL 3	120/1	50 W	20/1	2#12, #12G - 1/2" C	BY MECHANICAL		M3B-12	
FSD	7	FIRE SMOKE DAMPER	LEVEL 1	120/1	50 W	20/1	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	4	E1-5	
FSD	7	FIRE SMOKE DAMPER	LEVEL 2	120/1	50 W	20/1	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	4	E1-7	
FSD	8	FIRE SMOKE DAMPER	LEVEL 3	120/1	50 W	20/1	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	4	E3-1	
FSD	2	FIRE SMOKE DAMPER	ROOF	120/1	50 W	20/1	2#12, #12G - 1/2" C	MOTOR-RATED SWITCH	4	E3-3	
GENERAL NOTES:											
A. INSTALL OVERCURRENT PROTECTION AND BRANCH CIRCUITS PER UL LISTED REQUIREMENTS FOR EQUIPMENT SERVED. REFER TO EQUIPMENT CUT SHEETS AND MANUFACTURER'S DATA FOR ROUGH-IN LOCATIONS OF ELECTRICAL CONNECTIONS AND INTERCONNECTIONS FOR ALL EQUIPMENT. PROVIDE DISCONNECT SWITCH (NON-FUSED, UNLESS NOTED OTHERWISE). COORDINATE EXACT NAMEPLATE DATA OF EQUIPMENT TO BE USED WITH MECHANICAL CONTRACTOR. PROVIDE HACR CIRCUIT BREAKER OR FUSIBLE SWITCH FOR ALL MECHANICAL EQUIPMENT.											
NOTES:											
1. COORDINATE AND CONNECT DUCT SMOKE DETECTORS AND ASSOCIATED WIRING WHERE REQUIRED BY CODE. DETECTORS SHALL BE PROVIDED BY ELECTRICAL, INSTALLED BY MECHANICAL, AND WIRED BY ELECTRICAL.											
2. EQUIPMENT IS ON GENERATOR POWER.											
3. INDOOR UNIT POWERED BY OUTDOOR UNIT.											
4. INTERLOCK WITH FACP.											

Autodesk Docs://MCP - Stage 2 - MC_AL_LU2024-03276 - MEP - MC-AL.rvt

ALL UNDERGROUND CONDUIT SHALL BE PVC 40 UNLESS NOTED OTHERWISE.						
FEEDER SCHEDULE - COPPER				FEEDER SCHEDULE - ALUMINUM		
SYMBOL	CIRCUIT BREAKER	NO. SETS	WIRE & GROUND	CONDUIT	NO. SETS	WIRE & GROUND
1000S	4000A	11	4#500KCML	4"	12	4#600KCML
3000S	3000A	8	4#500KCML	3-1/2"	9	4#600KCML
3000	3000A	8	4#500KCML, #400KCML G	3-1/2"	9	4#600KCML, #600KCML G
2500S	2500A	7	4#500KCML	3-1/2"	8	4#600KCML
2500	2500A	7	4#500KCML, #350KCML G	3-1/2"	8	4#600KCML, #600KCML G
2000S	2000A	6	4#400KCML	3-1/2"	7	4#500KCML
2000	2000A	6	4#400KCML, #250 KCML G	3-1/2"	7	4#500KCML, #400KCML G
1600S	1600A	5	4#400KCML	3-1/2"	6	4#400KCML
1600	1600A	5	4#400KCML, #250 KCML G	3-1/2"	6	4#400KCML, #250KCML G
1200S	1200A	4	4#350KCML	3"	4	4#500KCML
1200	1200A	4	4#350KCML, #300G	3"	4	4#500KCML, #250KCML G
1000S	1000A	3	4#400KCML	3-1/2"	3	4#600KCML
1000	1000A	3	4#400KCML, #200G	3-1/2"	3	4#600KCML, #400G
1000B	1000A	3	4#400KCML, #300G	3-1/2"	3	4#600KCML, #250KCML G
800	800A	3	4#300KCML, #100G	3"	3	4#400KCML, #300G
800B	800A	3	4#300KCML, #200G	3"	3	4#400KCML, #400G
700	700A	2	4#500KCML, #100G	3-1/2"	3	4#350KCML, #300G
600S	600A	2	4#350KCML	3"	2	4#500KCML
600SB	---	2	4#350KCML	3"	2	4#500KCML
600	600A	2	4#350KCML, #1G	3"	2	4#500KCML, #200G
500	500A	2	4#250KCML, #2G	3"	2	4#350KCML, #100G
500B	500A	2	4#250KCML, #100G	3"	2	4#350KCML, #300G
450	450A	2	4#40, 2#G	2-1/2"	2	4#300KCML, #100G
450A	450A	2	3#40, 2#G	2-1/2"	2	3#300KCML, #100G
400	400A	2	4#30, #3G	2-1/2"	2	4#250KCML, #1G
400B	400A	2	4#30, #2G	2-1/2"	2	4#250KCML, #100G
350	350A	1	4#500, #3G	3-1/2"	2	4#40, #1G
350A	350A	1	3#500, #3G	3-1/2"	2	3#40, #1G
300S	300A	1	4#350	3"	1	4#500KCML
300	300A	1	4#350, #4G	3"	1	4#500KCML, #2G
300SB	---	1	4#350, #4G	3"	1	4#500KCML
250	250A	1	4#250, #4G	3"	1	4#350KCML, #2G
225	225A	1	4#40, #4G	2-1/2"	1	4#300KCML, #2G
225A	225A	1	3#40, #4G	2-1/2"	1	3#300KCML, #100G
225B	225A	1	4#40, #2G	2-1/2"	1	4#300KCML, #100G
200SB	---	1	4#30	2"	1	4#250KCML
200	200A	1	4#30, #6G	2-1/2"	1	4#250KCML, #4G
200B	200A	1	3#30, #6G	2"	1	3#250KCML, #4G
200B	200A	1	4#30, #4G	2-1/2"	1	4#250KCML, #2G
175	175A	1	4#20, #6G	2"	1	4#40, #4G
175A	175A	1	3#20, #6G	2"	1	3#40, #4G
150	150B	1	4#10, #6G	2"	1	4#30, #4G
125	125A	1	4#1, #6G	2"	1	4#20, #4G
125A	125A	1	3#1, #6G	1-1/2"	1	3#20, #4G
125B	125A	1	2#1, #6G	1-1/4"	1	2#20, #4G
100	100B	1	4#2, #6G	1-1/2"	1	4#1, #6G
80	80A	1	4#2, #6G	1-1/2"		
80	80A	1	4#3, #6G	1-1/4"		
70	70A	1	4#4, #6G	1-1/4"		
70A	70A	1	3#4, #6G	1-1/4"		
60	60A	1	4#4, #10G	1-1/4"		
60B	60A	1	4#4, #6G	1-1/4"		
50	50A	1	4#6, #10G	1"		
50A	50A	1	3#6, #10G	1"		
40	40A	1	4#6, #10G	1"		
25A	25A	1	3#10, #10G	3/4"		



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Project Number: 2024-03276

**WATERFORD CAMPUS - ASSISTED LIVING
MEMORY CARE BUILDING**
601 UNIVERSE BLVD JUNO BEACH, FL 33048



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Project No.: 2021009
Date: 12/01/2025

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