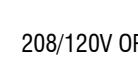
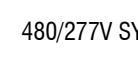
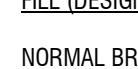
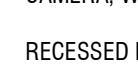
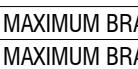
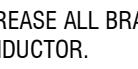
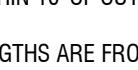


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<b>ELECTRICAL GENERAL NOTES</b> <ol style="list-style-type: none"> <li>1. FOR EXACT LOCATIONS AND SURFACE FINISH CONDITIONS OF CEILINGS, WALLS, OR FLOORS, REFER TO ARCHITECTURAL DRAWINGS.</li> <li>2. REFER TO HAZARDOUS MATERIALS DRAWINGS FOR LOCATIONS OF HAZARDOUS OR POSSIBLE HAZARDOUS MATERIALS BEFORE PERFORMING ANY WORK ON EXISTING STRUCTURES.</li> <li>3. FOR EXACT LOCATION OF FACILITY EXPANSION JOINTS, FIRE RATED WALLS, AND SMOKE WALLS, REFER TO ARCHITECTURAL DRAWINGS.</li> <li>4. FOR EXACT LOCATIONS OF DUCT MOUNTED SMOKE DETECTORS, WATER FLOW SWITCHES, AND TAMPER SWITCHES REFER TO HVAC / FP DRAWINGS AND COORDINATE WITH THE HVAC FP CONTRACTOR.</li> <li>5. VERIFY EXACT LOCATION OF CONNECTION POINTS PRIOR TO ROUGH-IN.</li> <li>6. COORDINATE LOCATIONS OF ALL RECEPTACLES AND LUMINAIRES IN MECHANICAL SPACES WITH HVAC CONTRACTOR PRIOR TO ROUGH-IN TO AVOID CONFLICTS WITH EQUIPMENT AND DUCTWORK.</li> <li>7. MOUNTING HEIGHTS ARE TO CENTER OF DEVICE OR EQUIPMENT UNLESS NOTED OTHERWISE, EXCEPT FOR PENDANT LIGHTING WHICH ARE TO THE BOTTOM OF THE LUMINAIRE. FOR AREAS WITH DIFFERENT FLOOR LEVELS, HEIGHT IS BASED UPON CLOSEST FLOOR OR LANDING TO DEVICE, EQUIPMENT, OR LUMINAIRE. ELEVATIONS GIVEN ON LEGEND SHEET ARE UNLESS NOTED OTHERWISE ON DRAWINGS.</li> <li>8. PROVIDE RACEWAY, WIRE AND CABLE, ASSOCIATED FITTINGS AND CONNECTORS, AND COMPLETE CONNECTIONS REQUIRED FOR DESIGNATED BRANCH CIRCUITS FROM DEVICE(S) TO FINAL OVERCURRENT DEVICE AND TO LOCAL CONTROL DEVICE(S) PER SPECIFICATIONS.</li> <li>9. MINIMUM BRANCH CIRCUIT WIRE SIZE SHALL BE #12 AWG EXCEPT LIFE SAFETY/EMERGENCY BRANCH CIRCUIT WIRING WHICH SHALL BE #10 AWG. SIZE BRANCH CIRCUIT CONDUCTORS AS PER NEC AND AS SCHEDULED ON THIS DRAWING BASED ON ACTUAL CIRCUIT DISTANCE. INCLUDE GROUND CONDUCTOR DERATINGS.</li> <li>10. PROVIDE A SEPARATE NEUTRAL CONDUCTOR FOR ALL BRANCH CIRCUITS REQUIRING A NEUTRAL CONNECTION. DERATE CONDUCTORS PER NEC ACCORDINGLY. MULTIWIRE BRANCH CIRCUITS ARE NOT ACCEPTABLE.</li> <li>11. PROVIDE GROUNDING PER NEC &amp; TIA 607B. PROVIDE GREEN GROUND CONDUCTOR IN ALL BRANCH AND FEEDER CIRCUITS.</li> <li>12. DO NOT INSTALL ANY NEW WORK DIRECTLY ABOVE ANY ELECTRICAL PANELS, SWITCHBOARDS, SWITCHGEAR, OR TRANSFORMERS.</li> <li>13. CIRCUIT NUMBERS SHOWN FOR EQUIPMENT TO BE CONNECTED TO EXISTING PANELBOARD(S) IS FOR DESIGN INTENT ONLY AND MAY NOT CORRESPOND TO ACTUAL CIRCUIT BREAKER MOUNTING POSITION IN THE PANEL. UPDATE THE RECORD DRAWINGS &amp; PANELBOARD DIRECTORY WITH THE ACTUAL CIRCUIT NUMBERS USED TO CORRESPOND TO THE PANEL DIRECTORY.</li> <li>14. CONFIRM ALL LABELS AND ROOM NUMBERS WITH OWNER PRIOR TO FINALIZING LABELING AND PROGRAMMING.</li> <li>15. COORDINATE FINAL OUTLET LOCATION WITH ALL TRADES AND FURNITURE/MILLWORK PLACEMENT PRIOR TO ROUGH-IN. GENERAL CONTRACTOR SHALL PROVIDE ALL DRILLING AND GROMMETING IN FURNITURE/CASEWORK FOR CORD ACCESS IF REQUIRED.</li> <li>16. INSTALL DATA OUTLETS 6" ADJACENT TO ASSOCIATED ELECTRICAL OUTLET.</li> <li>17. SWITCHES SHOWN SIDE BY SIDE OR GANGED SHALL BE INSTALLED UNDER A COMMON COVERPLATE, UNLESS NOTED OTHERWISE.</li> <li>18. PROVIDE FIRESTOPPING AT ALL PENETRATIONS THROUGH FIRE RETARDANT WALLS, FLOORS, CEILINGS, &amp; ROOFS AS CALLED OUT ON ARCHITECTURAL PLANS. PROVIDE ACOUSTICAL SEALANT AT PENETRATIONS THROUGH ALL NON-FIRE RATED WALLS, FLOORS, &amp; CEILINGS.</li> <li>19. PROVIDE CONDUIT EXPANSION JOINTS AT ALL EXPANSION JOINTS AS CALLED OUT ON ARCHITECTURAL PLANS.</li> <li>20. SITE PLAN CONDUIT ROUTING SHOWN FOR INTENT. REFERENCE CIVIL DRAWINGS FOR UNDERGROUND COORDINATION AND DISTANCE OF RUNS. COORDINATE WITH ALL TRADES.</li> <li>21. FINAL QUANTITY AND LOCATION OF WIRELESS DATA OUTLETS IDENTIFIED ON THE FLOOR PLANS SHALL BE VERIFIED WITH THE WIRELESS ACCESS POINT MANUFACTURER BASED ON THE MODEL NUMBER UTILIZED PRIOR TO INSTALLATION/ROUGH-IN.</li> </ol>			<b>ABBREVIATIONS</b> <table border="1"> <tr><td>°</td><td>DEGREES</td><td>MAG</td><td>MAGNETIC</td></tr> <tr><td>Δ</td><td>DELTA</td><td>MAN</td><td>MANUFACTURER</td></tr> <tr><td>Q</td><td>GHMS</td><td>MC</td><td>MECHANICAL CONTRACTOR</td></tr> <tr><td>Ø</td><td>PHASE</td><td>MCB</td><td>MAIN CIRCUIT BREAKER</td></tr> <tr><td>Y</td><td>WYE</td><td>MCC</td><td>MOTOR CONTROL CENTER</td></tr> <tr><td></td><td></td><td>MDP</td><td>MAIN DISTRIBUTION PANELBOARD</td></tr> <tr><td>A</td><td>AMPERE</td><td>MECH</td><td>MECHANICAL</td></tr> <tr><td>AFCI</td><td>ARC-FAULT CIRCUIT INTERRUPTING</td><td>MFR</td><td>MANUFACTURER</td></tr> <tr><td>AFF</td><td>ABOVE FINISHED FLOOR</td><td>MH</td><td>MANHOLE</td></tr> <tr><td>AHJ</td><td>AUTHORITY HAVING JURISDICTION</td><td>MIC</td><td>MICROPHONE</td></tr> <tr><td>AHU</td><td>AIR HANDLING UNIT</td><td>MIN</td><td>MINIMUM</td></tr> <tr><td>AMC</td><td>AMBIENT INTERRUPTING CAPACITY</td><td>MOL</td><td>MATERIALS ONLY</td></tr> <tr><td>ALUM</td><td>ALUMINUM</td><td>MM</td><td>MULTIMODE</td></tr> <tr><td>ANN</td><td>ANNUNCIATOR</td><td>MOCP</td><td>MAXIMUM OVERCURRENT PROTECTION</td></tr> <tr><td>ATS</td><td>AUTOMATIC TRANSFER SWITCH</td><td>MV</td><td>MEDIUM VOLTAGE</td></tr> <tr><td>AV</td><td>AUDIO VISUAL</td><td>NA</td><td>NOT APPLICABLE</td></tr> <tr><td>Avg</td><td>AVERAGE</td><td>NEC</td><td>NATIONAL ELECTRICAL CODE</td></tr> <tr><td>AWG</td><td>AMERICAN WIRE GAUGE</td><td>NEMA</td><td>NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION</td></tr> <tr><td>BAS</td><td>BUILDING AUTOMATION SYSTEM</td><td>NFPA</td><td>NATIONAL FIRE PROTECTION ASSOCIATION</td></tr> <tr><td>BLDG</td><td>BUILDING</td><td>NIC</td><td>NOT IN CONTRACT</td></tr> <tr><td>CND</td><td>CONDUIT</td><td>NOM</td><td>NOMINAL</td></tr> <tr><td>CAT</td><td>CATALOG</td><td>NTS</td><td>NOT TO SCALE</td></tr> <tr><td>CB</td><td>CIRCUIT BREAKER</td><td>OC</td><td>ON CENTER</td></tr> <tr><td>CKT</td><td>CIRCUIT</td><td>OD</td><td>OUTSIDE DIAMETER</td></tr> <tr><td>CLG</td><td>CEILING</td><td>OF/CI</td><td>OWNER FURNISHED/CONTRACTOR INSTALLED</td></tr> <tr><td>CO</td><td>CARBON MONOXIDE</td><td>OF/OI</td><td>OWNER FURNISHED/OWNER INSTALLED</td></tr> <tr><td>COAX</td><td>COAXIAL CABLE</td><td>OH</td><td>OVERHEAD</td></tr> <tr><td>CT</td><td>CURRENT TRANSFORMER</td><td>PA</td><td>POLE</td></tr> <tr><td>CU</td><td>COPPER</td><td>PA</td><td>PUBLIC ADDRESS</td></tr> <tr><td>DC</td><td>DIRECT CURRENT</td><td>PB</td><td>PULLBOX</td></tr> <tr><td>DA</td><td>DIA</td><td>PC</td><td>PERSONAL COMPUTER</td></tr> <tr><td>DIV</td><td>DIVISION</td><td>PH</td><td>PHASE</td></tr> <tr><td>DPDT</td><td>DOUBLE POLE DOUBLE THROW</td><td>POE</td><td>POWER OVER ETHERNET</td></tr> <tr><td>DPST</td><td>DOUBLE POLE SINGLE THROW</td><td>PRI</td><td>PRIMARY</td></tr> <tr><td>DWG</td><td>DRAWING</td><td>PT</td><td>POTENTIAL TRANSFORMER</td></tr> <tr><td>EA</td><td>EACH</td><td>PTZ</td><td>PAN TILT ZOOM</td></tr> <tr><td>EC</td><td> ELECTRICAL CONTRACTOR</td><td>PVC</td><td>POLYVINYL CHLORIDE</td></tr> <tr><td>EF</td><td>EXHAUST FAN</td><td>RCP</td><td>REFLECTED CEILING PLANS</td></tr> <tr><td>ECC</td><td>EQUIPMENT GROUNDING CONDUCTOR</td><td>RSC</td><td>RECEPTACLE</td></tr> <tr><td>EL</td><td>EL</td><td>REF</td><td>REFRIGERATOR</td></tr> <tr><td>ELSY</td><td>ELEVATOR</td><td>RFD</td><td>RADIO FREQUENCY IDENTIFICATION DEVICE</td></tr> <tr><td>EMT</td><td>ELECTRICAL METALLIC TUBING</td><td>RM</td><td>ROOM</td></tr> <tr><td>EOL</td><td>END OF LINE DEVICE</td><td>RMC</td><td>RIGID METAL CONDUIT</td></tr> <tr><td>EQUIP</td><td>EQUIPMENT</td><td>RPP</td><td>BACKBOX FOR AUTODROR PUSH PLATE</td></tr> <tr><td>EWC</td><td>ELECTRIC WATER COOLER</td><td>R*</td><td>RELAY 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INTERVAL TIMER (LIGHTING SWITCH)</td></tr> <tr><td>G</td><td>GROUND FAULT INTERRUPTING</td><td>TR</td><td>TAMPER RESISTANT</td></tr> <tr><td>G</td><td>GROUND</td><td>TS</td><td>DIGITAL ELECTRONIC PROGRAMMABLE TIME SWITCH (LIGHTING SWITCH)</td></tr> <tr><td>TEL</td><td>TELEPHONE</td><td>TV</td><td>FOR TELEVISION/MONITOR, INSTALL 72" AFF</td></tr> <tr><td>TGB</td><td>TELECOMMUNICATIONS GROUNDING BUS BAR</td><td>UC</td><td>INSTALL CEILING COUNTER, COORDINATE EXACT LOCATION WITH GC PRIOR TO ROUGH-IN</td></tr> <tr><td>THD</td><td>TOTAL HARMONIC DISTORTION</td><td>USB</td><td>RECEPTACLE WITH USB CHARGING PORTS</td></tr> <tr><td>TMGB</td><td>TELECOMMUNICATIONS MAIN GROUNDING BUS BAR</td><td>VEND</td><td>RECEPTACLE FOR VENDING MACHINE, INSTALL 44" AFF</td></tr> <tr><td>TV</td><td>TELEVISION</td><td>V</td><td>VACANCY SENSOR (MANUAL ON LIGHTING SENSOR SWITCH)</td></tr> <tr><td>TYP</td><td>TYPICAL</td><td>W</td><td>INSTALL 44" AFF</td></tr> <tr><td>UGND</td><td>UNDERGROUND</td><td>WG</td><td>WIRE GUARD</td></tr> <tr><td>UL</td><td>UNDERWIRTER'S LABORATORIES</td><td>WP</td><td>WEATHERPROOF DEVICE / WEATHERPROOF WHILE-IN-USE EXTRA DUTY COVER &amp; WEATHER RESISTANT RECEPTACLE</td></tr> <tr><td>UNO</td><td>UNLESS NOTED OTHERWISE</td><td>WPS</td><td>WEATHERPROOF SPRING-LOADED COVER (WEATHERPROOF CLOSED/DAMP LOCATION COVER) &amp; WEATHER RESISTANT RECEPTACLE</td></tr> <tr><td>UPS</td><td>UNINTERRUPTIBLE POWER SUPPLY</td><td>WR</td><td>WEATHER RESISTANT DEVICE/WEATHER RESISTANT RECEPTACLE</td></tr> <tr><td>UTP</td><td>UNSHIELDED TWISTED PAIR</td><td>Z*</td><td>DEVICE ZONE IDENTIFIER (* INDICATES ZONE NUMBER)</td></tr> <tr><td>J-BOX</td><td>JUNCTION BOX</td><td></td><td></td></tr> <tr><td>KAC</td><td>KILOAMPERE INTERRUPTING CURRENT</td><td>V</td><td>VOLT</td></tr> <tr><td>KAI</td><td>KILOAMPERE INTERRUPTING RATING</td><td>VA</td><td>VOLT-AMPERE</td></tr> <tr><td>KV</td><td>KILOVOLT</td><td>VAC</td><td>Volts Alternating Current</td></tr> <tr><td>KVA</td><td>KILOVOLT AMPERE</td><td>VDC</td><td>VOLTS DIRECT CURRENT</td></tr> <tr><td>KW</td><td>KILOWATT</td><td>VFD</td><td>VARIABLE FREQUENCY DRIVE</td></tr> <tr><td>KWh</td><td>KILOWATT HOUR</td><td>VEND</td><td>VENDING MACHINE</td></tr> <tr><td>LAN</td><td>LOCAL AREA NETWORK</td><td>VSD</td><td>VARIABLE SPEED DRIVE</td></tr> <tr><td>LCD</td><td>LIQUID CRYSTAL DISPLAY</td><td>VOIP</td><td>VOICE OVER INTERNET PROTOCOL</td></tr> <tr><td>LED</td><td>LIGHT EMITTING DIODE</td><td>W</td><td>WATT</td></tr> <tr><td>LIG</td><td>LIGHTING</td><td>WAN</td><td>WIDE AREA NETWORK</td></tr> <tr><td>LV</td><td>LOW VOLTAGE</td><td>WAP</td><td>WIRELESS ACCESS POINT</td></tr> <tr><td></td><td></td><td>WP</td><td>WEATHERPROOF</td></tr> <tr><td></td><td></td><td>WR</td><td>WEATHER RESISTANT</td></tr> <tr><td></td><td></td><td>XFMR</td><td>TRANSFORMER</td></tr> </table>											°	DEGREES	MAG	MAGNETIC	Δ	DELTA	MAN	MANUFACTURER	Q	GHMS	MC	MECHANICAL CONTRACTOR	Ø	PHASE	MCB	MAIN CIRCUIT BREAKER	Y	WYE	MCC	MOTOR CONTROL 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ADDRESS	DC	DIRECT CURRENT	PB	PULLBOX	DA	DIA	PC	PERSONAL COMPUTER	DIV	DIVISION	PH	PHASE	DPDT	DOUBLE POLE DOUBLE THROW	POE	POWER OVER ETHERNET	DPST	DOUBLE POLE SINGLE THROW	PRI	PRIMARY	DWG	DRAWING	PT	POTENTIAL TRANSFORMER	EA	EACH	PTZ	PAN TILT ZOOM	EC	ELECTRICAL CONTRACTOR	PVC	POLYVINYL CHLORIDE	EF	EXHAUST FAN	RCP	REFLECTED CEILING PLANS	ECC	EQUIPMENT GROUNDING CONDUCTOR	RSC	RECEPTACLE	EL	EL	REF	REFRIGERATOR	ELSY	ELEVATOR	RFD	RADIO FREQUENCY IDENTIFICATION DEVICE	EMT	ELECTRICAL METALLIC TUBING	RM	ROOM	EOL	END OF LINE DEVICE	RMC	RIGID METAL CONDUIT	EQUIP	EQUIPMENT	RPP	BACKBOX FOR AUTODROR PUSH PLATE	EWC	ELECTRIC WATER COOLER	R*	RELAY DESIGNATION (* INDICATES RELAY NUMBER)	FA	FIRE ALARM	REC	RECEPTACLE	FAFP	FIRE ALARM ANNUNCIATOR PANEL	REF	REFRIGERATOR	FATC	FIRE ALARM CONTROL PANEL	RFL	RELAY INDICATING RECEPTACLE	FATC	FIRE ALARM TERMINAL CABINET	RL	RELAY LINE	FLR	FLOOR	RVR	REMOVE DEVICE AND ASSOCIATED CIRCUIT (UNLESS NOTED OTHERWISE)	FTL	FEED THRU LUGS	S	INSTALL ON SURFACE	GC	GENERAL 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DPST	DOUBLE POLE SINGLE THROW	PRI	PRIMARY																																																																																																																																																																																																																																																																																																																																																						
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FATC	FIRE ALARM TERMINAL CABINET	RL	RELAY LINE																																																																																																																																																																																																																																																																																																																																																						
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G	GROUND	TS	DIGITAL ELECTRONIC PROGRAMMABLE TIME SWITCH (LIGHTING SWITCH)																																																																																																																																																																																																																																																																																																																																																						
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UNO	UNLESS NOTED OTHERWISE	WPS	WEATHERPROOF SPRING-LOADED COVER (WEATHERPROOF CLOSED/DAMP LOCATION COVER) & WEATHER RESISTANT RECEPTACLE																																																																																																																																																																																																																																																																																																																																																						
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<b>PANELBOARD - FLOOR PLAN NOTATION:</b>			<b>CIRCUIT NOTATION:</b>																																																																																																																																																																																																																																																																																																																																																						
<b>DOOR STYLE (DESIGNATES VOLTAGE):</b>																																																																																																																																																																																																																																																																																																																																																									
 208/120V OR 240V SYSTEM			PROVIDE MINIMUM WIRE SIZE AS FOLLOWED UNLESS NOTED OTHERWISE: 20A CB - #12 AWG 30A CB - #10 AWG 40A CB - #8 AWG 50A CB - #6 AWG																																																																																																																																																																																																																																																																																																																																																						
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<b>FILL (DESIGNATES BRANCH TYPE):</b>			<b>20A BRANCH CIRCUIT CONDUCTOR SIZING SCHEDULE:</b>																																																																																																																																																																																																																																																																																																																																																						
 NORMAL BRANCH PANELBOARD			<table border="1"> <tr> <td>CONDUCTOR SIZE (AWG)</td><td>#12</td><td>#10</td><td>#8</td><td>#6</td><td>#4</td></tr> <tr> <td>MAXIMUM BRANCH CIRCUIT LENGTH AT 120V (FEET)</td><td>90</td><td>140</td><td>225</td><td>355</td><td>565</td></tr> <tr> <td>MAXIMUM BRANCH CIRCUIT LENGTH AT 277V (FEET)</td><td>205</td><td>325</td><td>520</td><td>825</td><td>1310</td></tr> </table>								CONDUCTOR SIZE (AWG)	#12	#10	#8	#6	#4	MAXIMUM BRANCH CIRCUIT LENGTH AT 120V (FEET)	90	140	225	355	565	MAXIMUM BRANCH CIRCUIT LENGTH AT 277V (FEET)	205	325	520	825	1310																																																																																																																																																																																																																																																																																																																													
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 NEC 701 STANDBY BRANCH PANELBOARD			<b>NOTES:</b> <ol style="list-style-type: none"> <li>1. INCREASE ALL BRANCH CIRCUIT CONDUCTORS AS INDICATED BASED ON LENGTH OF CIRCUIT, INCLUDING EQUIPMENT GROUNDING CONDUCTOR.</li> <li>2. TRANSITION FROM LARGER CONDUCTOR SIZE TO #12 AWG FOR FINAL TERMINATION TO OUTLET DEVICE. PROVIDE JUNCTION BOX WITHIN 10' OF OUTLET AND EXTEND #12 AWG CONDUCTORS TO OUTLET.</li> <li>3. LENGTHS ARE FROM OVERCURRENT PROTECTIVE DEVICE, ALONG CIRCUIT ROUTING, TO CENTER OF EQUIPMENT LOAD.</li> <li>4. SCHEDULE ASSUMES 12A LOAD, FOR LOADS HIGHER THAN 12A, INCREASE CONDUCTOR SIZE.</li> </ol>																																																																																																																																																																																																																																																																																																																																																						
<b>SECURITY DEVICES &amp; ACCESS CONTROL</b>			<b>DATA/TELECOMMUNICATION OUTLETS</b>																																																																																																																																																																																																																																																																																																																																																						
 CAMERA, WALL MOUNTED			<small>NOTE: PROVIDE CONDUIT FROM BOX STUBBED INTO ACCESSIBLE CEILING SPACE IN NEAREST CORRIDOR. REFER TO DATA/TELECOMMUNICATION OUTLET SCHEDULE FOR ADDITIONAL DETAILS.</small>																																																																																																																																																																																																																																																																																																																																																						
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 CONNECTION TO DOOR ELECTRIC STRIKE			 DATA/TELECOMMUNICATIONS OUTLET, 44" AFF OR 6" ABOVE COUNTER																																																																																																																																																																																																																																																																																																																																																						
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15. IF ADDITIONAL SUSPECT ASBESTOS-CONTAINING MATERIALS ARE DISCOVERED DURING THE COURSE OF THE WORK, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK AND NOTIFY THE OWNER AND ARCHITECT IMMEDIATELY. THE CONTRACTOR SHALL COOPERATE WITH THE OWNER AND ARCHITECT TO WITH REGARD TO CONDUCTING ADDITIONAL BULK SAMPLING AND ABATEMENT AT THE OWNERS EXPENSE.			 DATA/TELECOMMUNICATIONS OUTLET INSTALLED IN FLOORBOX / DEVICE, WITH CONDUIT ROUGH-IN IN SLAB TO ACCESSIBLE CEILING																																																																																																																																																																																																																																																																																																																																																						
16. DISCONNECT AND REMOVE EXISTING ELECTRIC WORK NOT NECESSARY FOR EXISTING OR NEW INSTALLATION, BUT INTERFERING WITH NEW CONSTRUCTION.			 DATA/TELECOMMUNICATION																																																																																																																																																																																																																																																																																																																																																						



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### GENERAL DRAWING NOTES:

A. NOT ALL EXISTING DEVICES AND FIXTURES ARE SHOWN. ONLY THOSE WITHIN AREAS WHERE WORK IS EXPECTED TO TAKE PLACE ARE SHOWN.

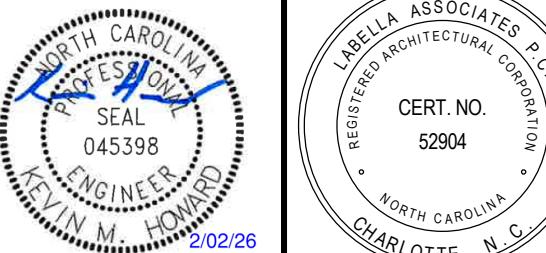
### KEYED NOTES:

① REFER SITE CIVIL PLANS FOR LIGHT POLE RE-LOCATION.

② PROVIDE BOLLARD LIGHT TYPE Y (REFER TO FIXTURE SCHEDULE ON E601). REFER TO PANEL SCHEDULE LSC ON E603. REFER TO DETAILS 3/E501 & 4/E501.

STUDIO WALES  
architecture

3151 MILHAVEN LAKE DR., WINSTON-SALEM, NC 27106  
p. 4140704.6744 | www.STUDIO-WALES.com



## SPRINGBROOK NURSING AND REHABILITATION CENTER ADDITION

195 SPRINGBROOK AVE, CLAYTON, NC

### CONSTRUCTION DOCUMENTS

#### FOR CONSTRUCTION

##### Revisions

No.	Description	Date
1	DHSR COMMENTS	01/30/26

date: 02/18/2025

commission: NH-3138

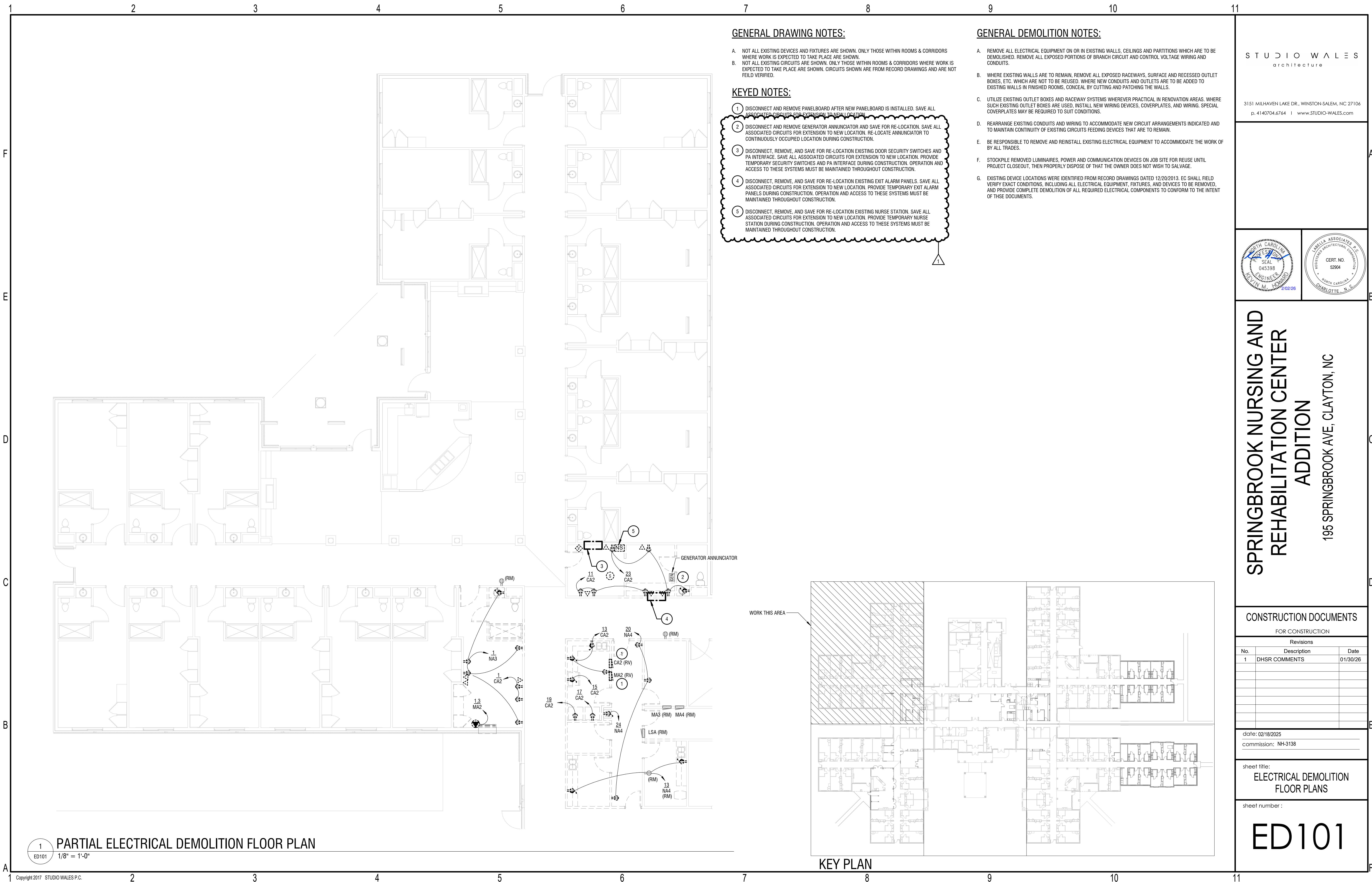
sheet title:  
ELECTRICAL SITE PLANS

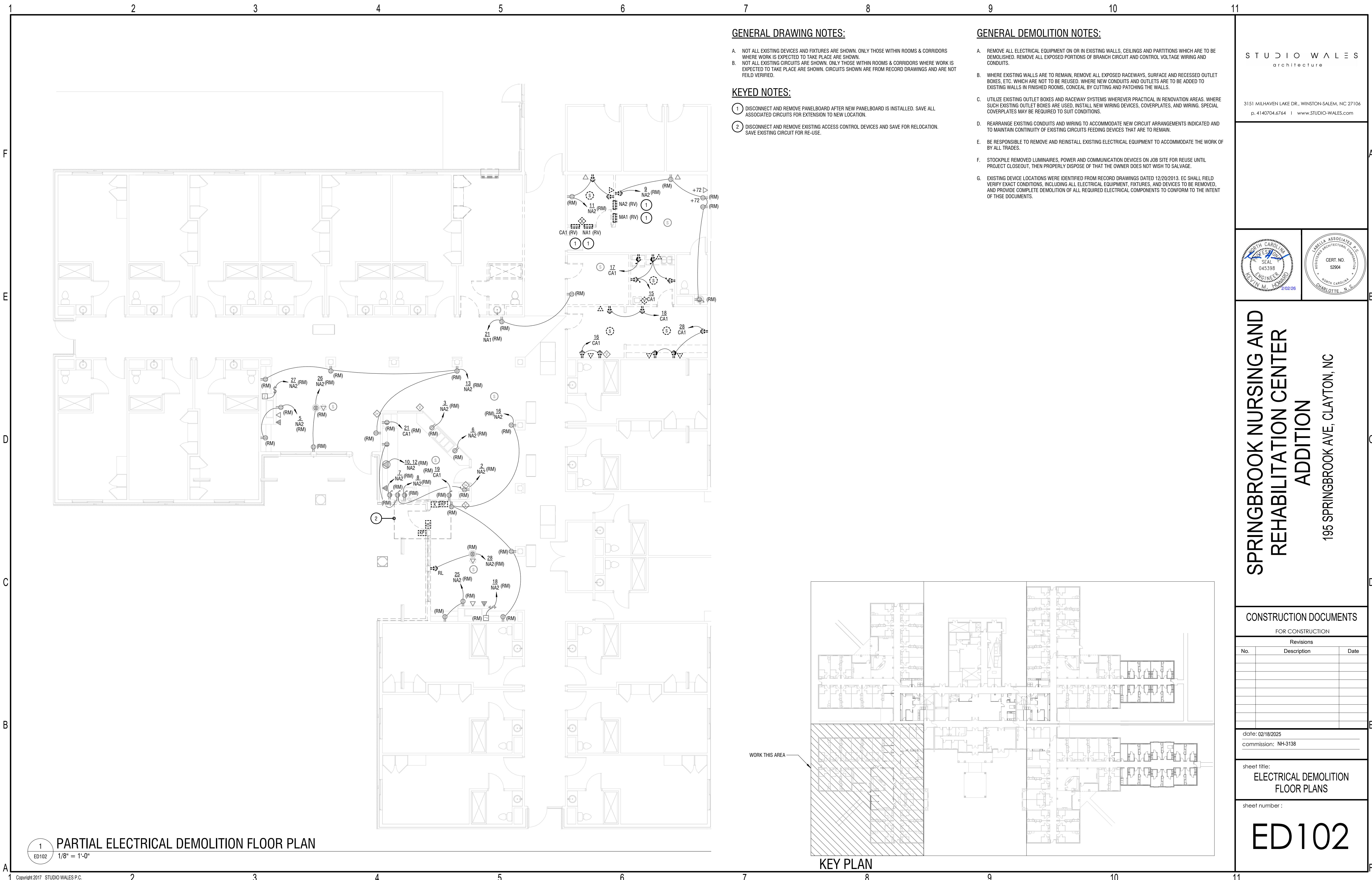
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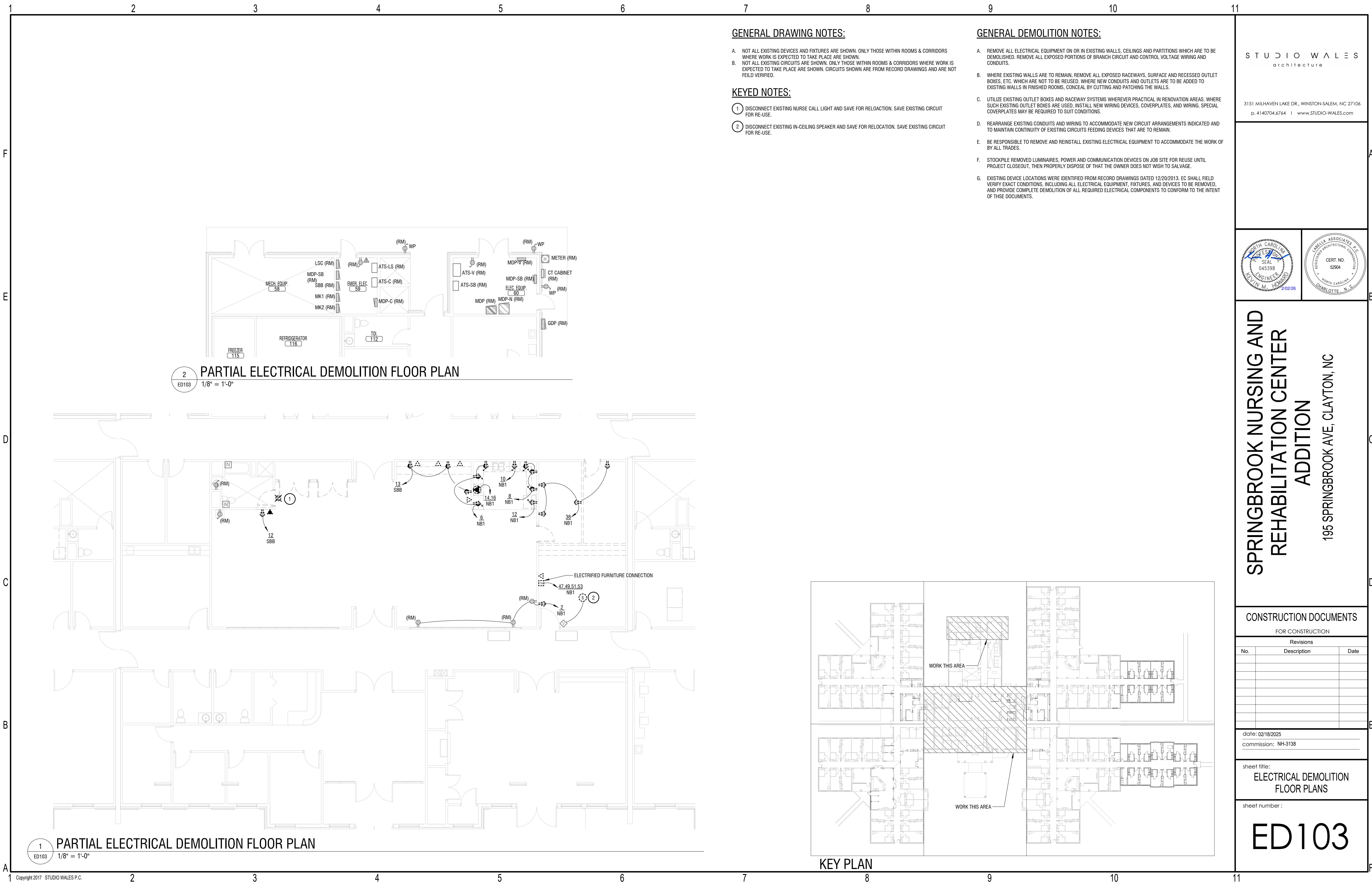
**E052**

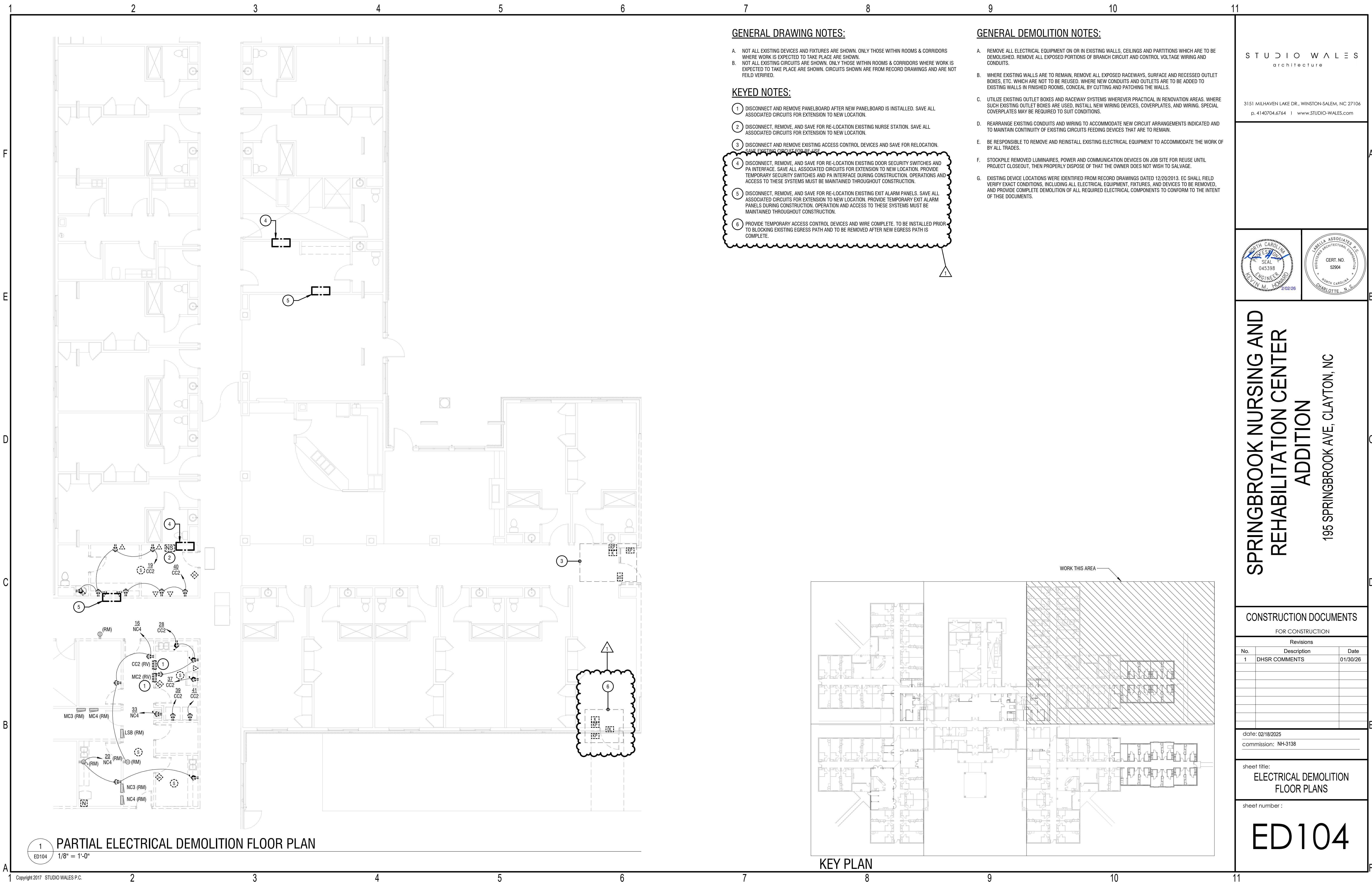
1 SITE PLAN - NEW WORK  
E052  
NOT TO SCALE

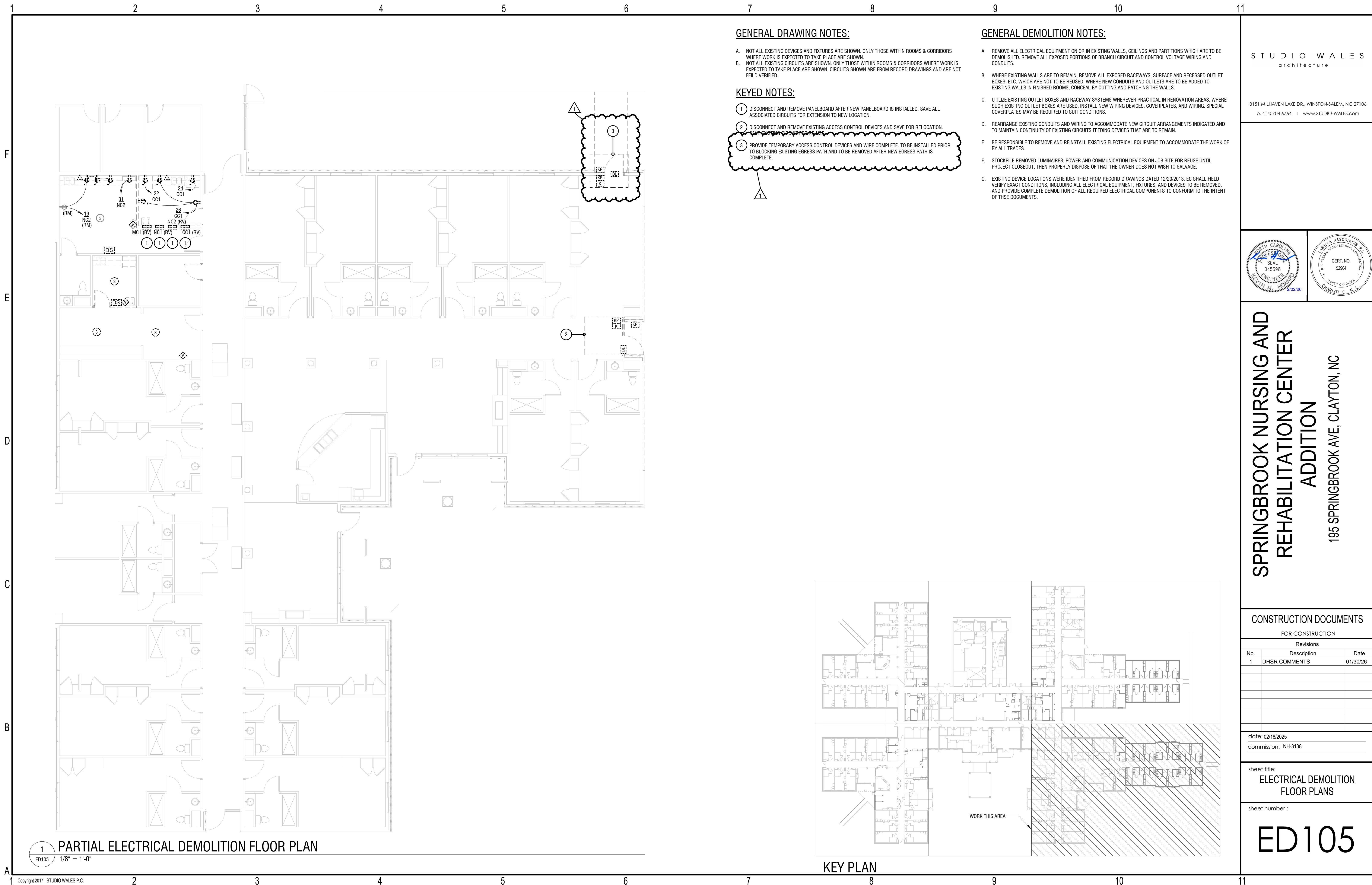


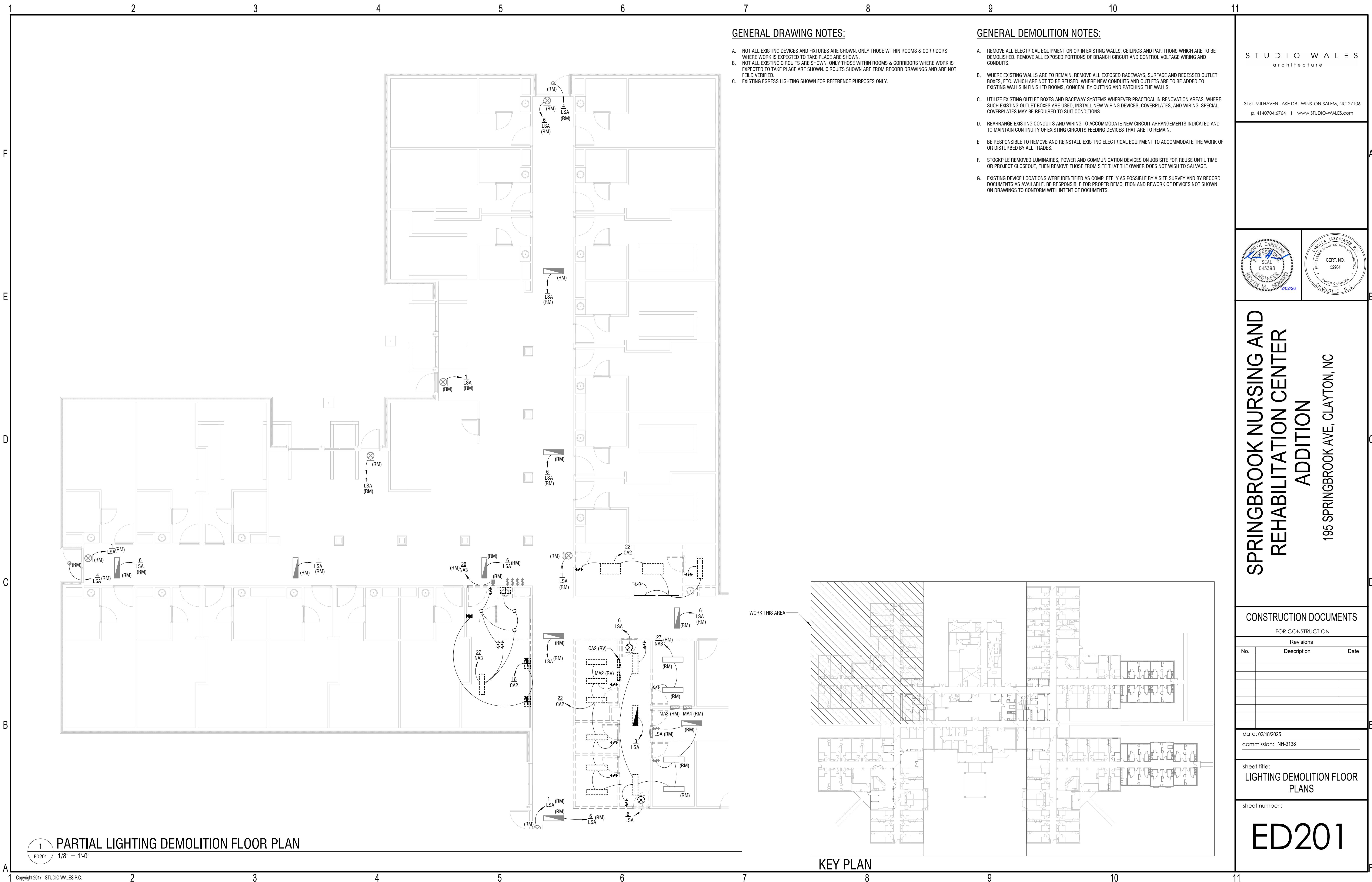












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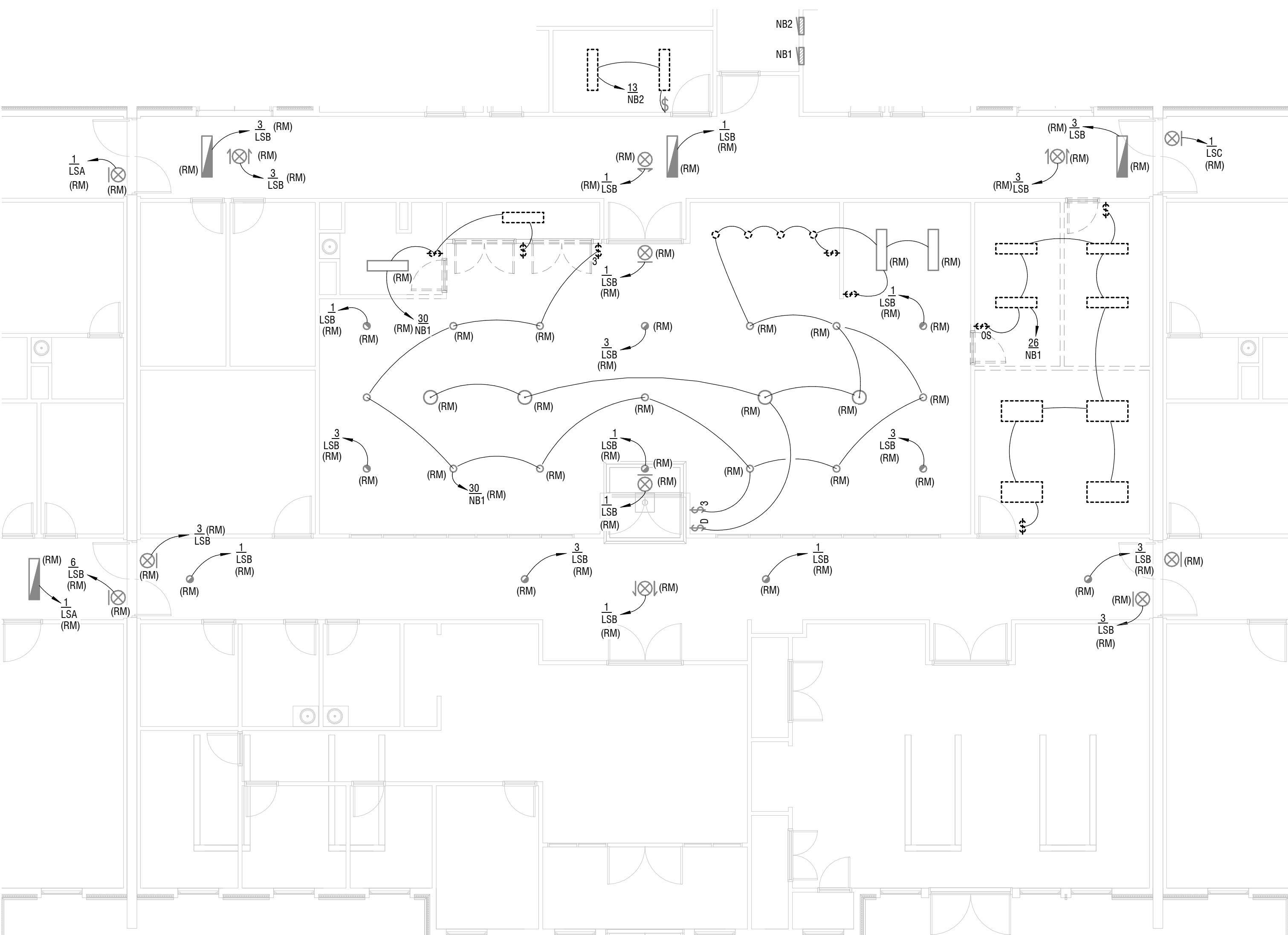
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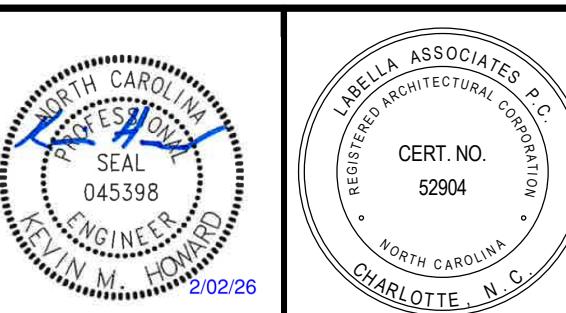
#### GENERAL DRAWING NOTES:

- A. NOT ALL EXISTING DEVICES AND FIXTURES ARE SHOWN. ONLY THOSE WITHIN ROOMS & CORRIDORS WHERE WORK IS EXPECTED TO TAKE PLACE ARE SHOWN.
- B. NOT ALL EXISTING CIRCUITS ARE SHOWN. ONLY THOSE WITHIN ROOMS & CORRIDORS WHERE WORK IS EXPECTED TO TAKE PLACE ARE SHOWN. CIRCUITS SHOWN ARE FROM RECORD DRAWINGS AND ARE NOT FIELD VERIFIED.
- C. EXISTING EGRESS LIGHTING SHOWN FOR REFERENCE PURPOSES ONLY.

#### GENERAL DEMOLITION NOTES:

- A. REMOVE ALL ELECTRICAL EQUIPMENT ON OR IN EXISTING WALLS, CEILINGS AND PARTITIONS WHICH ARE TO BE DEMOLISHED. REMOVE ALL EXPOSED PORTIONS OF BRANCH CIRCUIT AND CONTROL VOLTAGE WIRING AND CONDUITS.
- B. WHERE EXISTING WALLS ARE TO REMAIN, REMOVE ALL EXPOSED RACEWAYS, SURFACE AND RECESSED OUTLET BOXES, ETC. WHICH ARE NOT TO BE REUSED. WHERE NEW CONDUITS AND OUTLETS ARE TO BE ADDED TO EXISTING WALLS IN FINISHED ROOMS, CONCEAL BY CUTTING AND PATCHING THE WALLS.
- C. UTILIZE EXISTING OUTLET BOXES AND RACEWAY SYSTEMS WHEREVER PRACTICAL IN RENOVATION AREAS. WHERE SUCH EXISTING OUTLET BOXES ARE USED, INSTALL NEW WIRING DEVICES, COVERPLATES, AND WIRING. SPECIAL COVERPLATES MAY BE REQUIRED TO SUIT CONDITIONS.
- D. REARRANGE EXISTING CONDUITS AND WIRING TO ACCOMMODATE NEW CIRCUIT ARRANGEMENTS INDICATED AND TO MAINTAIN CONTINUITY OF EXISTING CIRCUITS FEEDING DEVICES THAT ARE TO REMAIN.
- E. BE RESPONSIBLE TO REMOVE AND REINSTALL EXISTING ELECTRICAL EQUIPMENT TO ACCOMMODATE THE WORK OF OR DISTURBED BY ALL TRADES.
- F. STOCKPILE REMOVED LUMINAIRES, POWER AND COMMUNICATION DEVICES ON JOB SITE FOR REUSE UNTIL TIME OR PROJECT CLOSEOUT, THEN REMOVE THOSE FROM SITE THAT THE OWNER DOES NOT WISH TO SALVAGE.
- G. EXISTING DEVICE LOCATIONS WERE IDENTIFIED AS COMPLETELY AS POSSIBLE BY A SITE SURVEY AND BY RECORD DOCUMENTS AS AVAILABLE. BE RESPONSIBLE FOR PROPER DEMOLITION AND REWORK OF DEVICES NOT SHOWN ON DRAWINGS TO CONFORM WITH INTENT OF DOCUMENTS.

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## SPRINGBROOK NURSING AND REHABILITATION CENTER ADDITION

195 SPRINGBROOK AVE, CLAYTON, NC

#### CONSTRUCTION DOCUMENTS

FOR CONSTRUCTION

Revisions

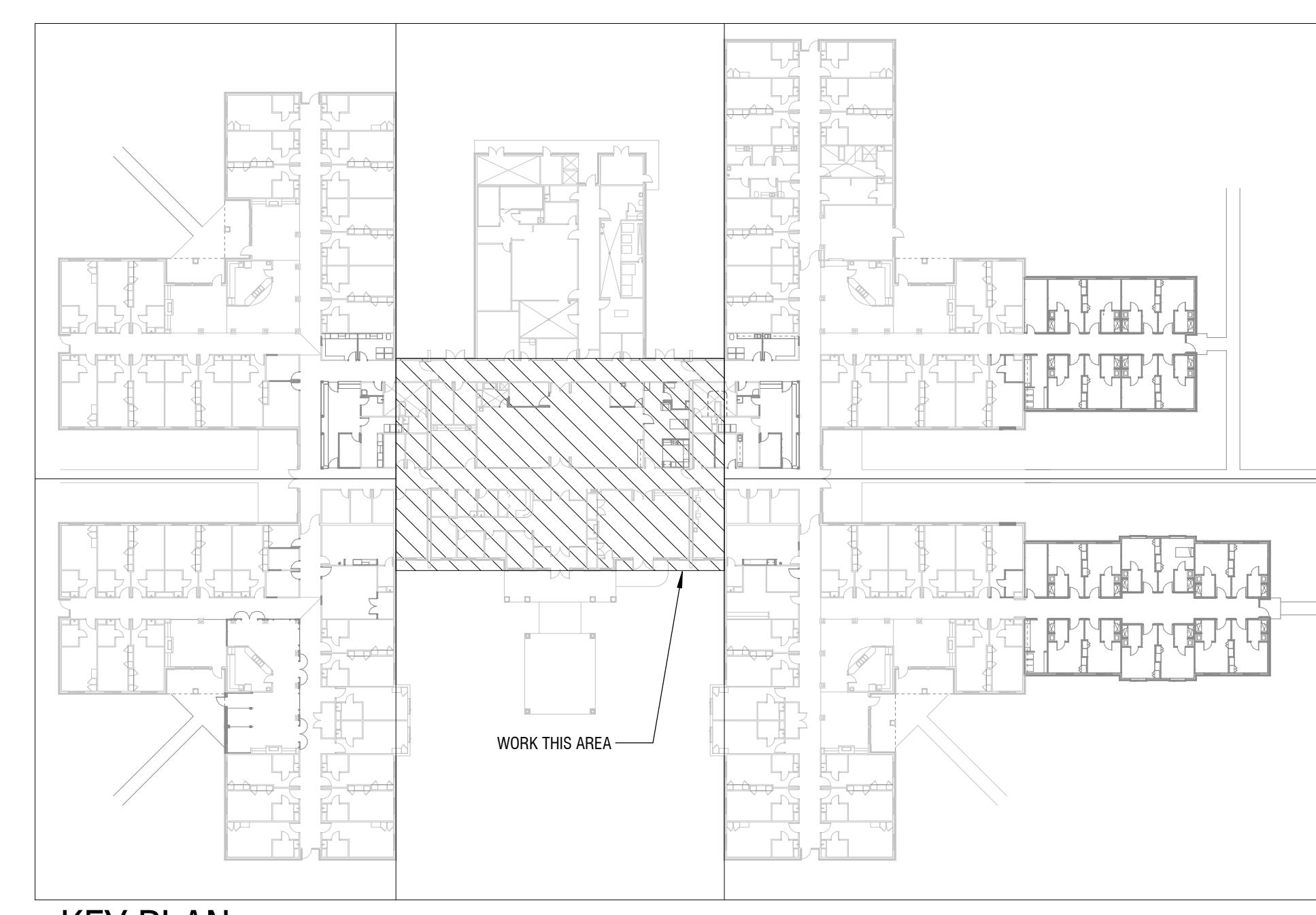
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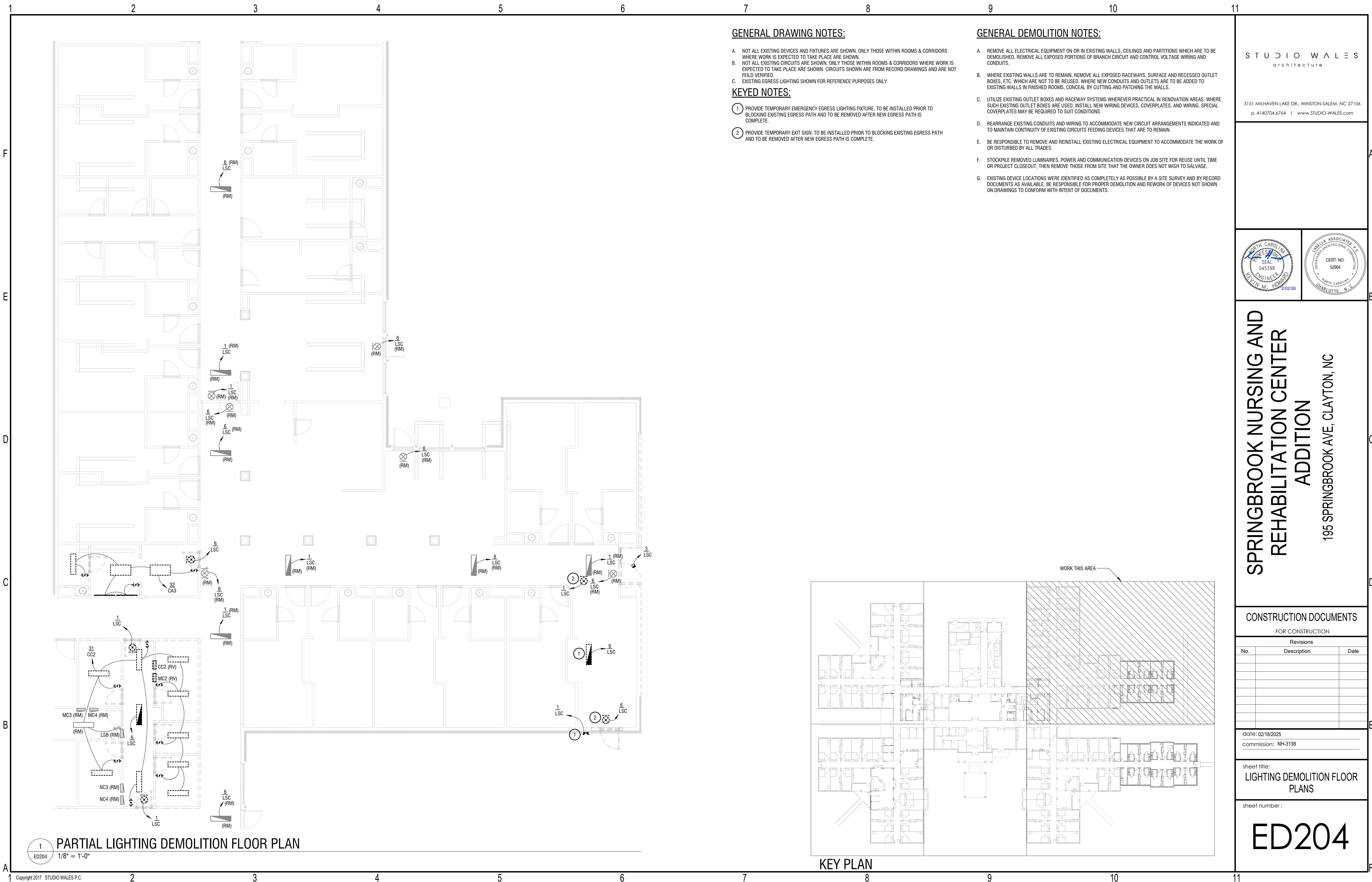
date: 02/18/2025  
commission: NH-3138

sheet title:  
LIGHTING DEMOLITION FLOOR PLANS

sheet number:

ED203





## GENERAL DRAWING NOTES:

- A. NOT ALL EXISTING DEVICES AND FIXTURES ARE SHOWN. ONLY THOSE WITHIN ROOMS & CORRIDORS WHERE WORK IS EXPECTED TO TAKE PLACE ARE SHOWN.
- B. NOT ALL EXISTING CIRCUITS ARE SHOWN. ONLY THOSE WITHIN ROOMS & CORRIDORS WHERE WORK IS EXPECTED TO TAKE PLACE ARE SHOWN. CIRCUITS SHOWN ARE FROM RECORD DRAWINGS AND ARE NOT FIELD VERIFIED.
- C. EXISTING EGRESS LIGHTING SHOWN FOR REFERENCE PURPOSES ONLY.

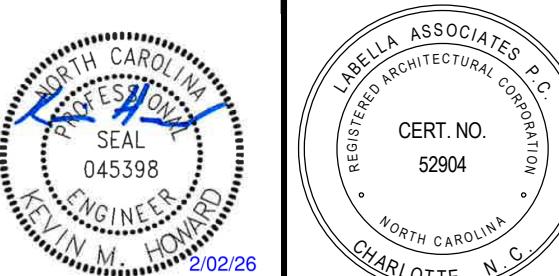
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- E. BE RESPONSIBLE TO REMOVE AND REINSTALL EXISTING ELECTRICAL EQUIPMENT TO ACCOMMODATE THE WORK OF OR DISTURBED BY ALL TRADES.
- F. STOCKPILE REMOVED LUMINAIRES, POWER AND COMMUNICATION DEVICES ON JOB SITE FOR REUSE UNTIL TIME OR PROJECT CLOSEOUT, THEN REMOVE THOSE FROM SITE THAT THE OWNER DOES NOT WISH TO SALVAGE.
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# SPRINGBROOK NURSING AND REHABILITATION CENTER

## ADDITION

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## CONSTRUCTION DOCUMENTS

## FOR CONSTRUCTION

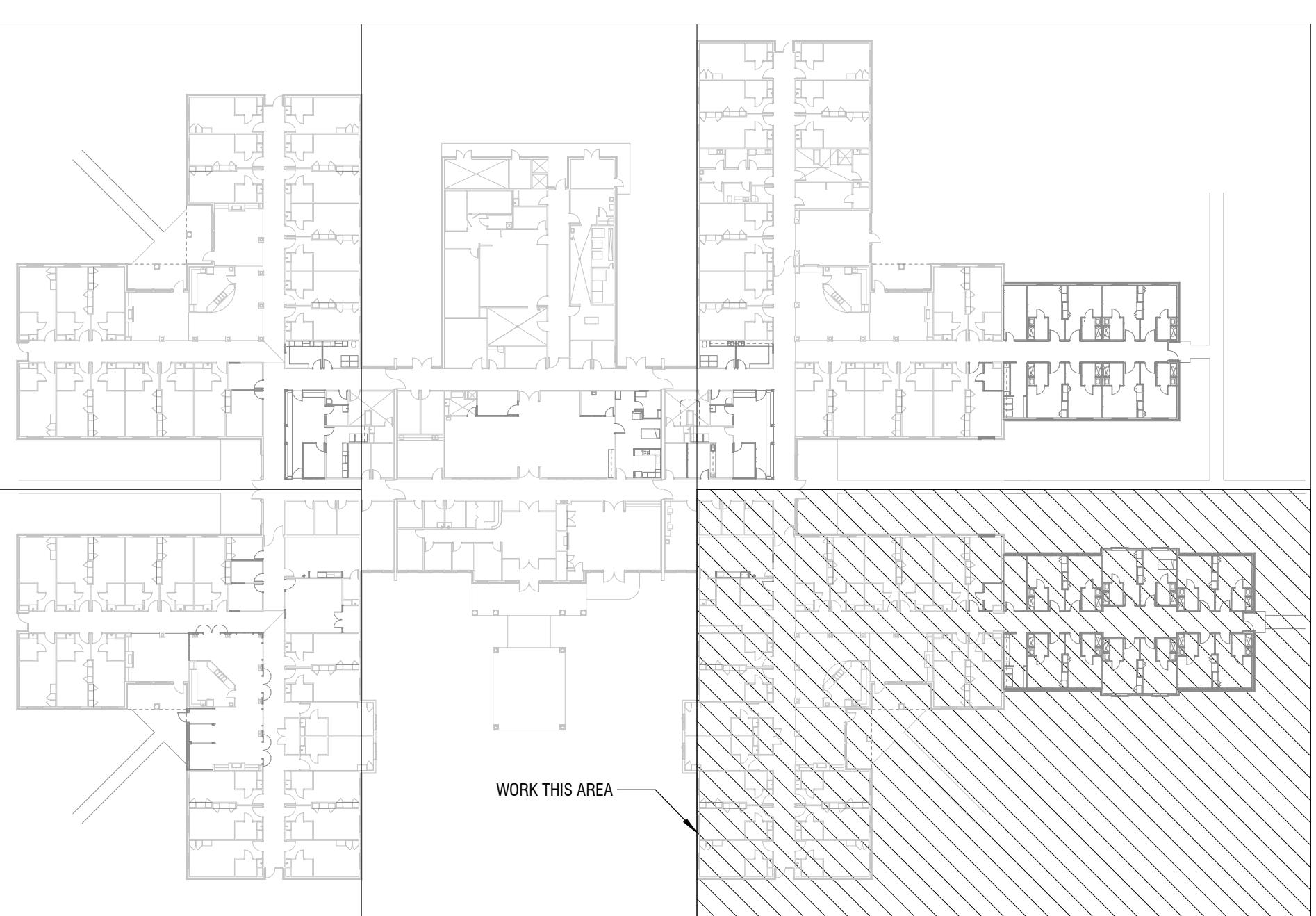
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commission: NH-3138

sheet title:  
**LIGHTING DEMOLITION FLOOR  
PLANS**

sheet number :

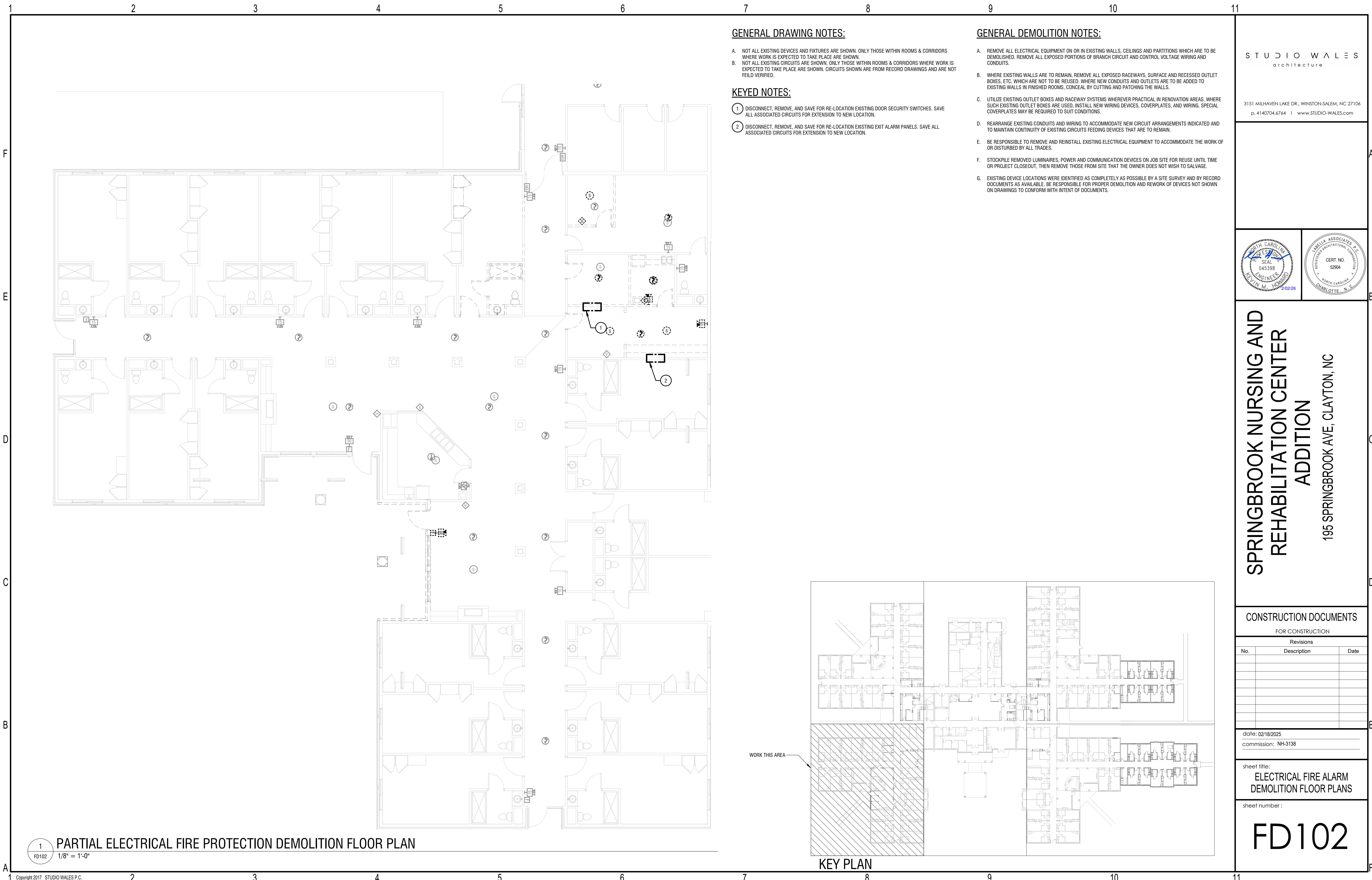


## KEY PLAN



# PARTIAL LIGHTING DEMOLITION FLOOR PLAN





1 2 3 4 5 6 7 8 9 10 11

F E D C B A



1 PARTIAL ELECTRICAL FIRE PROTECTION DEMOLITION FLOOR PLAN  
FD103 1/8" = 1'-0"

#### GENERAL DRAWING NOTES:

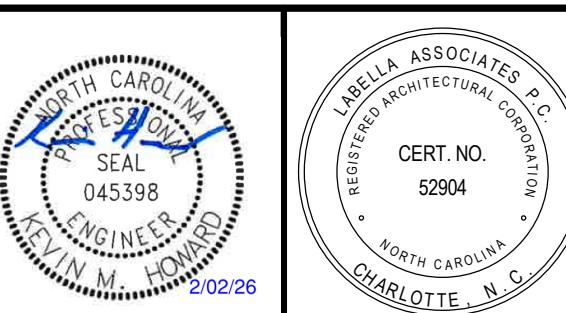
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## SPRINGBROOK NURSING AND REHABILITATION CENTER ADDITION

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#### CONSTRUCTION DOCUMENTS

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Revisions

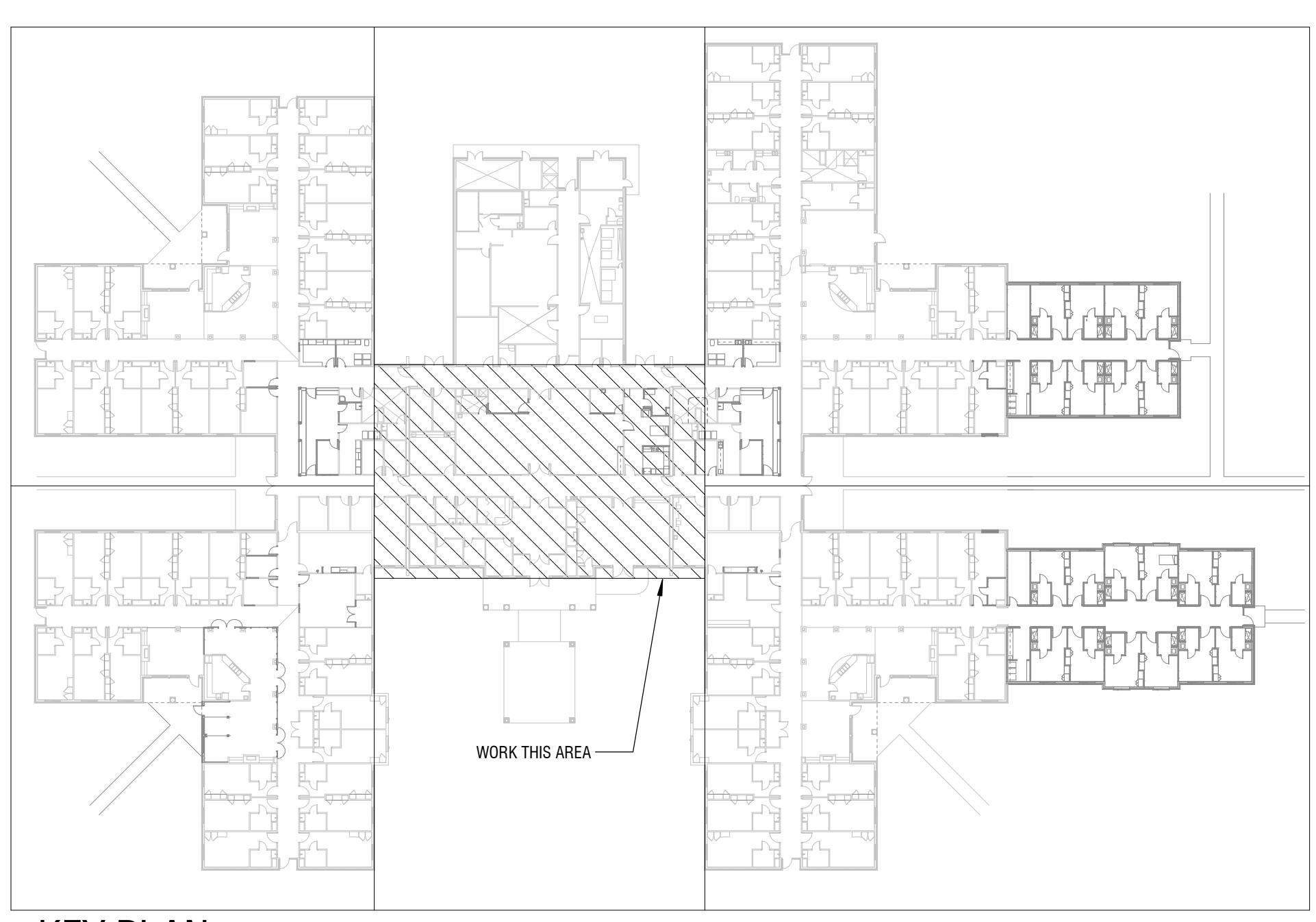
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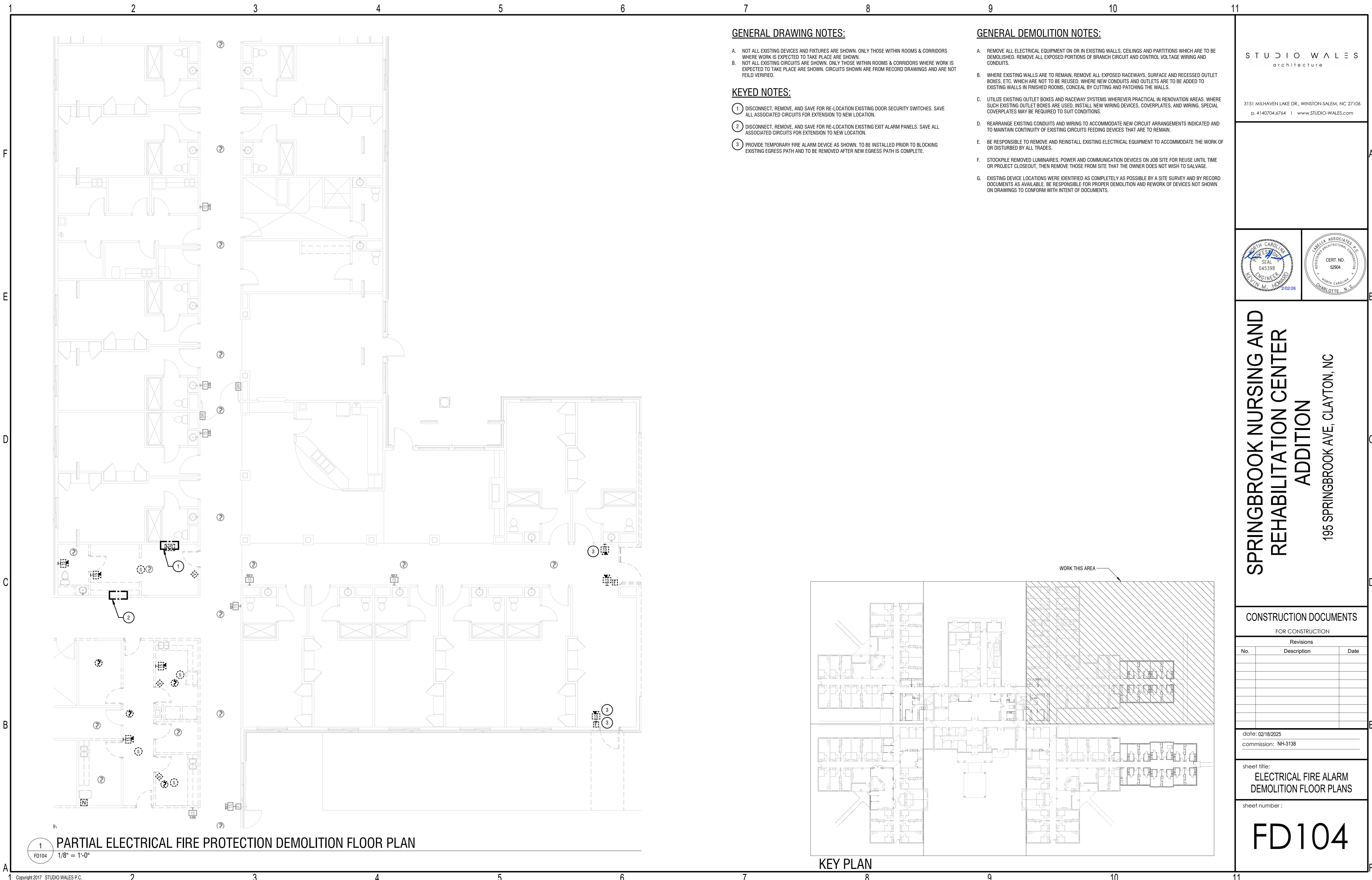
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ELECTRICAL FIRE ALARM  
DEMOLITION FLOOR PLANS

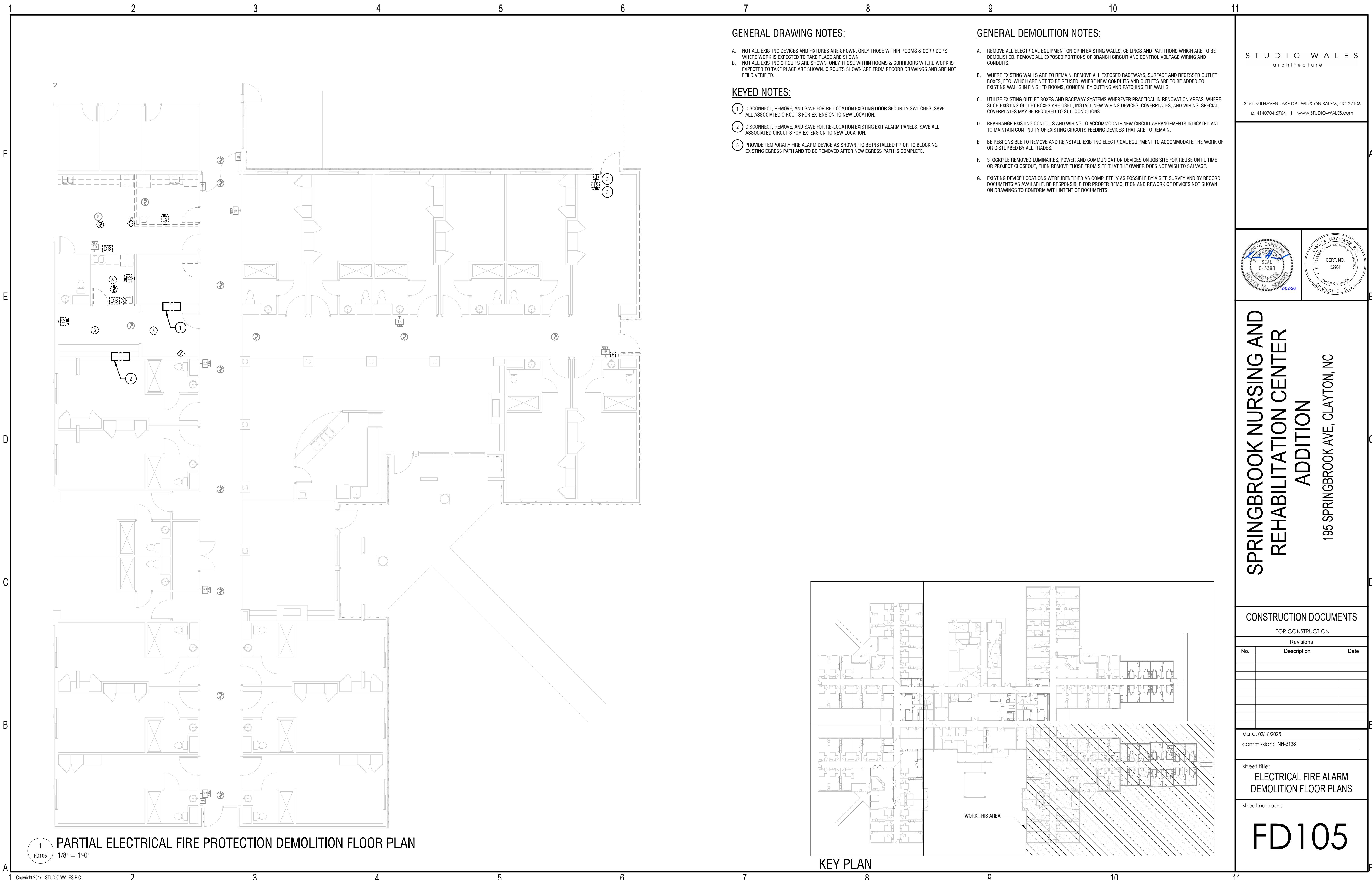
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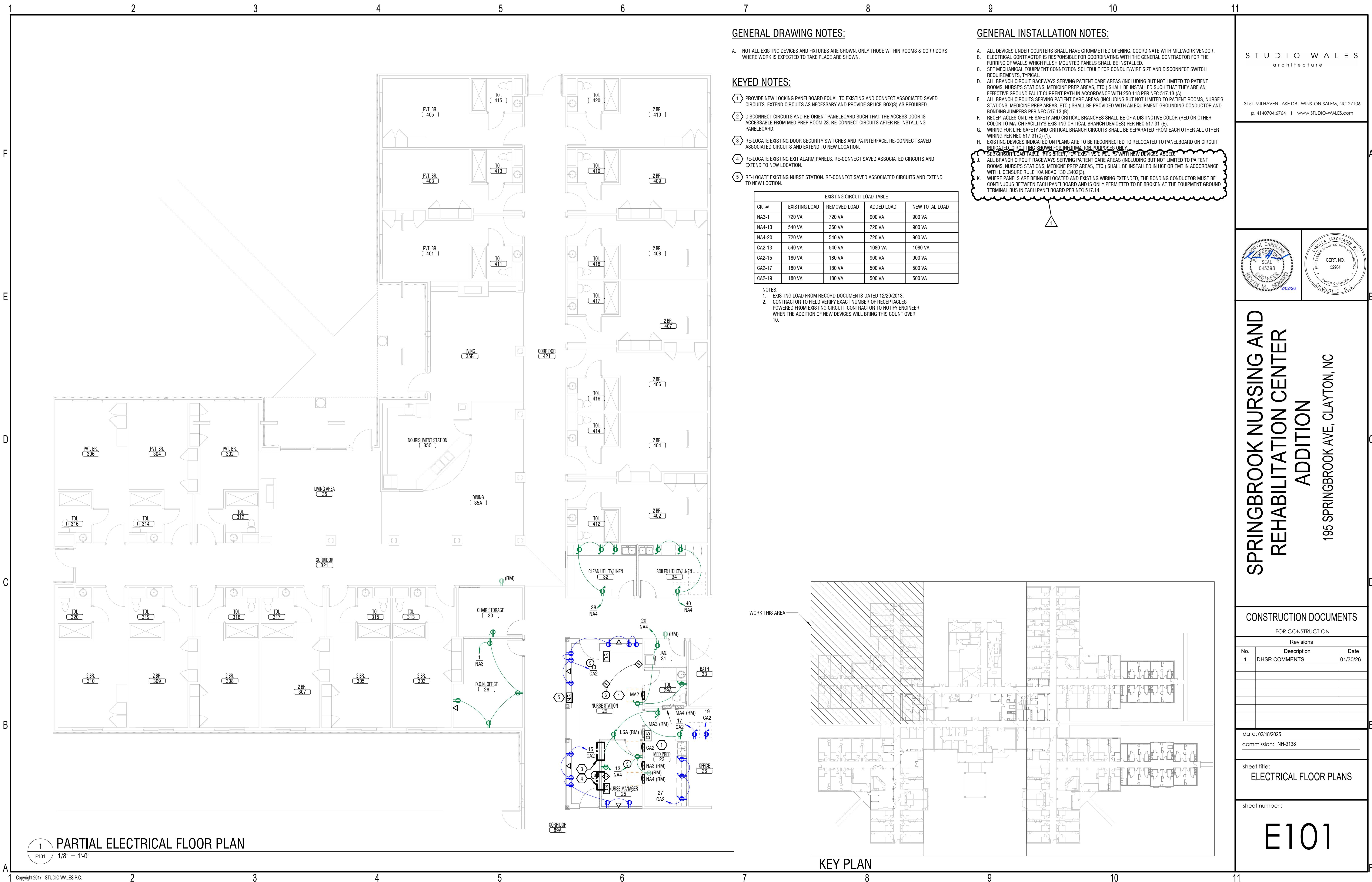
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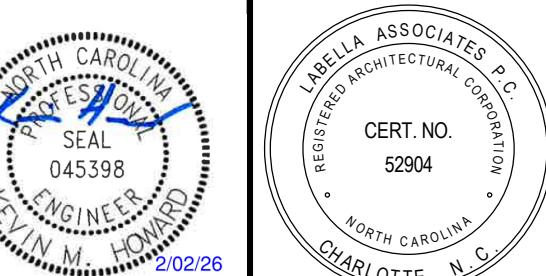
KEY PLAN







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## SPRINGBROOK NURSING AND REHABILITATION CENTER ADDITION

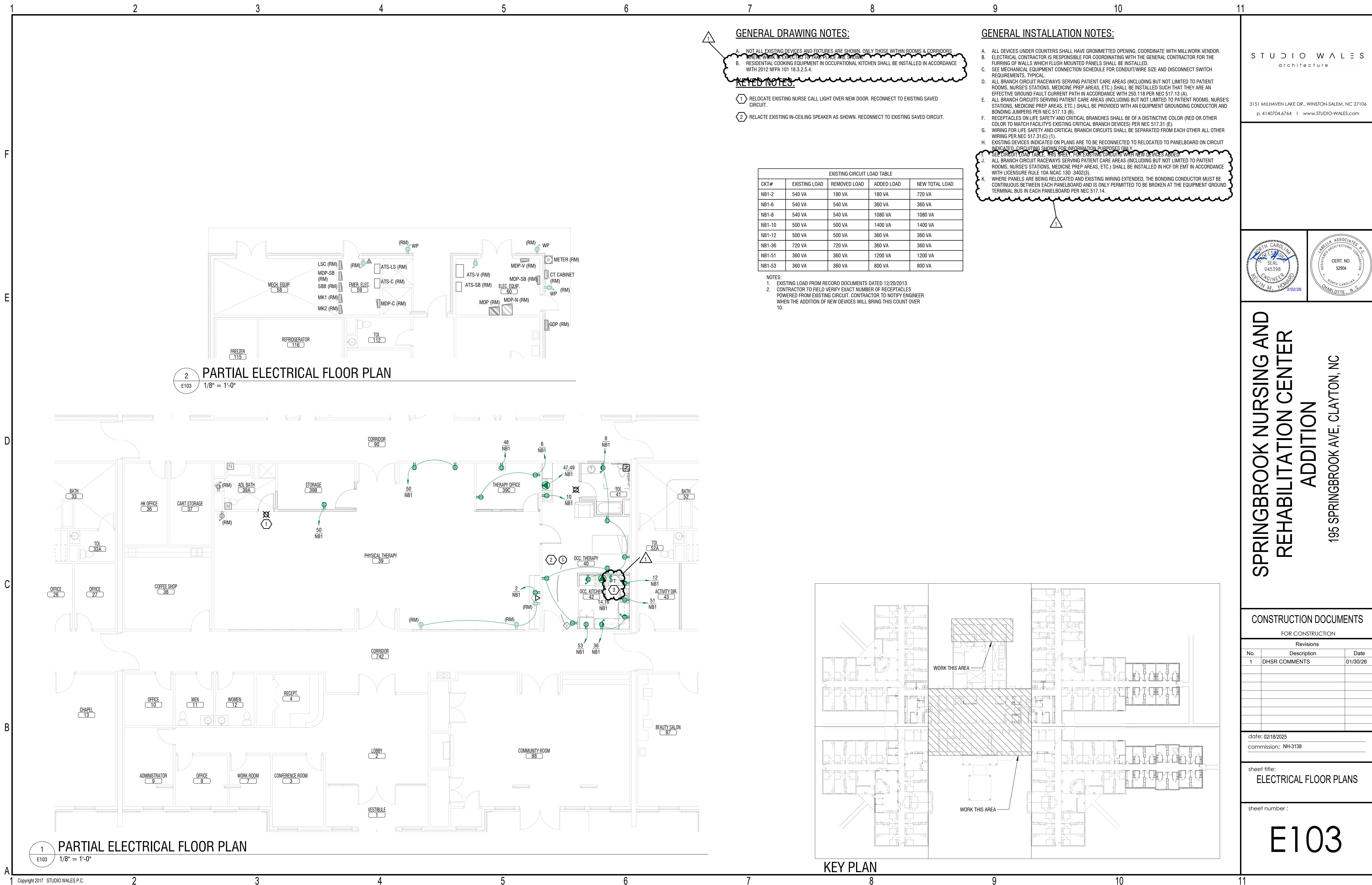
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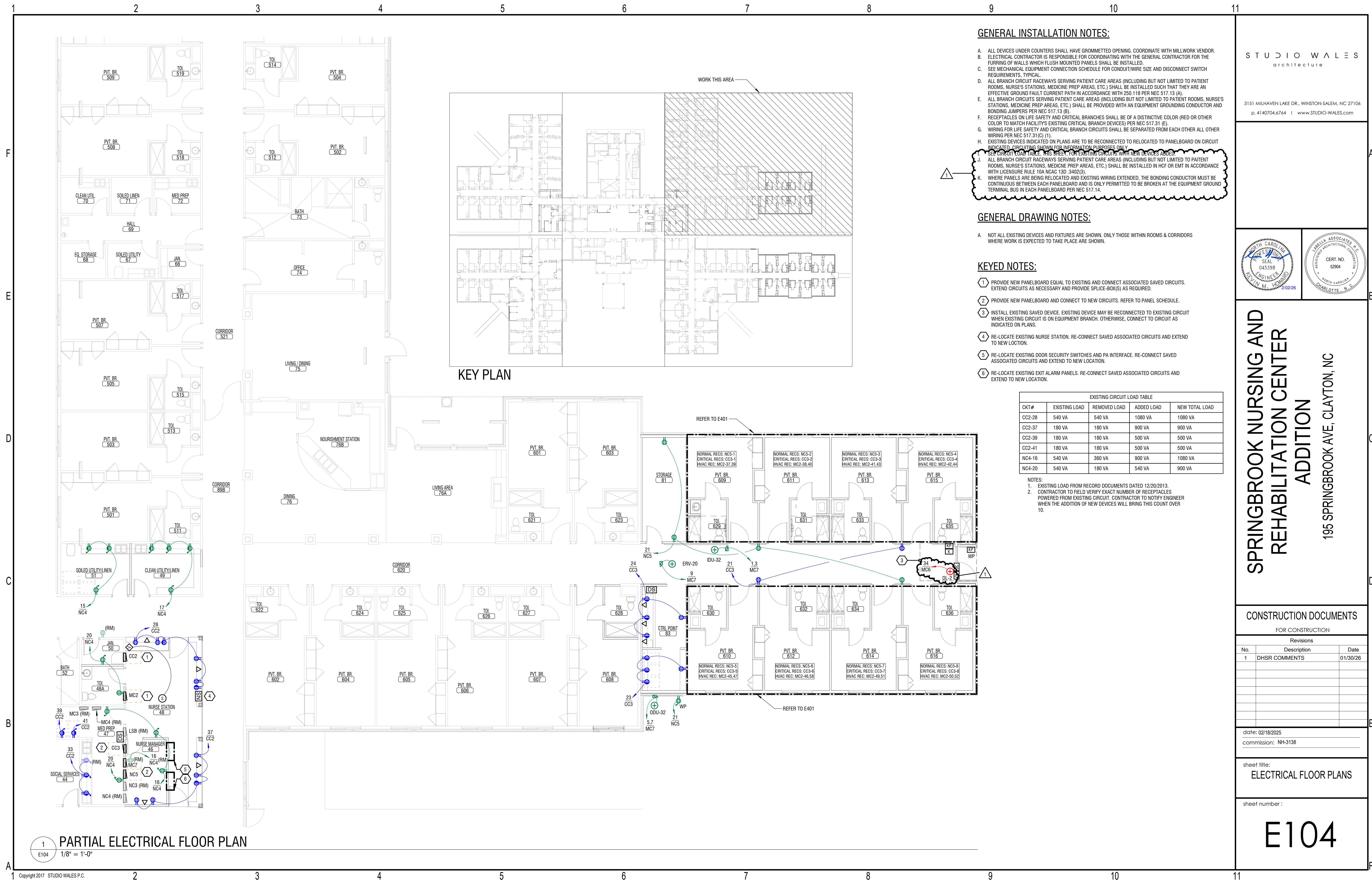
**PARTIAL ELECTRICAL FLOOR PLAN**

E102

1

E102





## GENERAL DRAWING NOTES:

A. NOT ALL EXISTING DEVICES AND FIXTURES ARE SHOWN. ONLY THOSE WITHIN ROOMS & CORRIDORS WHERE WORK IS EXPECTED TO TAKE PLACE ARE SHOWN.

## KEYED NOTES:

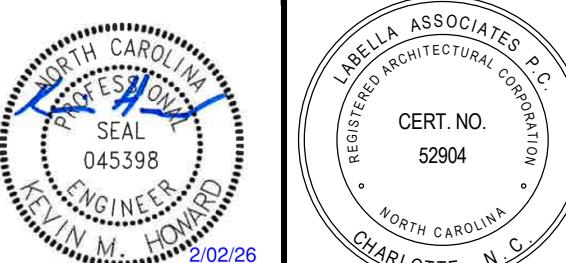
- 1 PROVIDE NEW PANELBOARD EQUAL TO EXISTING AND CONNECT ASSOCIATED SAVED CIRCUITS.  
EXTEND CIRCUITS AS NECESSARY AND PROVIDE SPLICE-BOX(S) AS REQUIRED.
- 2 INSTALL EXISTING SAVED DEVICE. EXISTING DEVICE MAY BE RECONNECTED TO EXISTING CIRCUIT  
WHEN EXISTING CIRCUIT IS ON EQUIPMENT BRANCH. OTHERWISE, CONNECT TO CIRCUIT AS  
INDICATED ON PLANS.

## GENERAL INSTALLATION NOTES:

- A. ALL DEVICES UNDER COUNTERS SHALL HAVE GROMMETTED OPENING. COORDINATE WITH MILLWORK VENDOR.
- B. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE GENERAL CONTRACTOR FOR THE FURRING OF WALLS WHICH FLUSH MOUNTED PANELS SHALL BE INSTALLED.
- C. SEE MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CONDUIT/WIRE SIZE AND DISCONNECT SWITCH REQUIREMENTS, TYPICAL.
- D. ALL BRANCH CIRCUIT RACEWAYS SERVING PATIENT CARE AREAS (INCLUDING BUT NOT LIMITED TO PATIENT ROOMS, NURSE'S STATIONS, MEDICINE PREP AREAS, ETC.) SHALL BE INSTALLED SUCH THAT THEY ARE AN EFFECTIVE GROUND FAULT CURRENT PATH IN ACCORDANCE WITH 250.118 PER NEC 517.13 (A).
- E. ALL BRANCH CIRCUITS SERVING PATIENT CARE AREAS (INCLUDING BUT NOT LIMITED TO PATIENT ROOMS, NURSE'S STATIONS, MEDICINE PREP AREAS, ETC.) SHALL BE PROVIDED WITH AN EQUIPMENT GROUNDING CONDUCTOR AND BONDING JUMPERS PER NEC 517.13 (B).
- F. RECEPTACLES ON LIFE SAFETY AND CRITICAL BRANCHES SHALL BE OF A DISTINCTIVE COLOR (RED OR OTHER COLOR TO MATCH FACILITY'S EXISTING CRITICAL BRANCH DEVICES) PER NEC 517.31 (E).
- G. WIRING FOR LIFE SAFETY AND CRITICAL BRANCH CIRCUITS SHALL BE SEPARATED FROM EACH OTHER ALL OTHER WIRING PER NEC 517.31(C) (1).
- H. EXISTING DEVICES INDICATED ON PLANS ARE TO BE RECONNECTED TO RELOCATED TO PANELBOARD ON CIRCUIT INDICATED, CIRCUITING SHOWN FOR INFORMATION PURPOSES ONLY.
- I. SEE CIRCUIT LOAD TABLE, THIS SHEET, FOR EXISTING CIRCUITS WITH NEW DEVICES ADDED.
- J. ALL BRANCH CIRCUIT RACEWAYS SERVING PATIENT CARE AREAS (INCLUDING BUT NOT LIMITED TO PAITENT ROOMS, NURSE'S STATIONS, MEDICNE PREP AREAS, ETC.) SHALL BE INSTALLED IN HCF OR EMT IN ACCORDANCE WITH LICENSURE RULE 10A NCAC 13D .3402(3).
- K. WHERE PANELS ARE BEING RELOCATED AND EXISTING WIRING EXTENDED, THE BONDING CONDUCTOR MUST BE CONTINUOUS BETWEEN EACH PANELBOARD AND IS ONLY PERMITTED TO BE BROKEN AT THE EQUIPMENT GROUND TERMINAL BUS IN EACH PANELBOARD PER NEC 517.14.

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# SPRINGBROOK NURSING AND REHABILITATION CENTER

## ADDITION

195 SPRINGBROOK AVE, CLAYTON, NC

## CONSTRUCTION DOCUMENTS

## FOR CONSTRUCTION

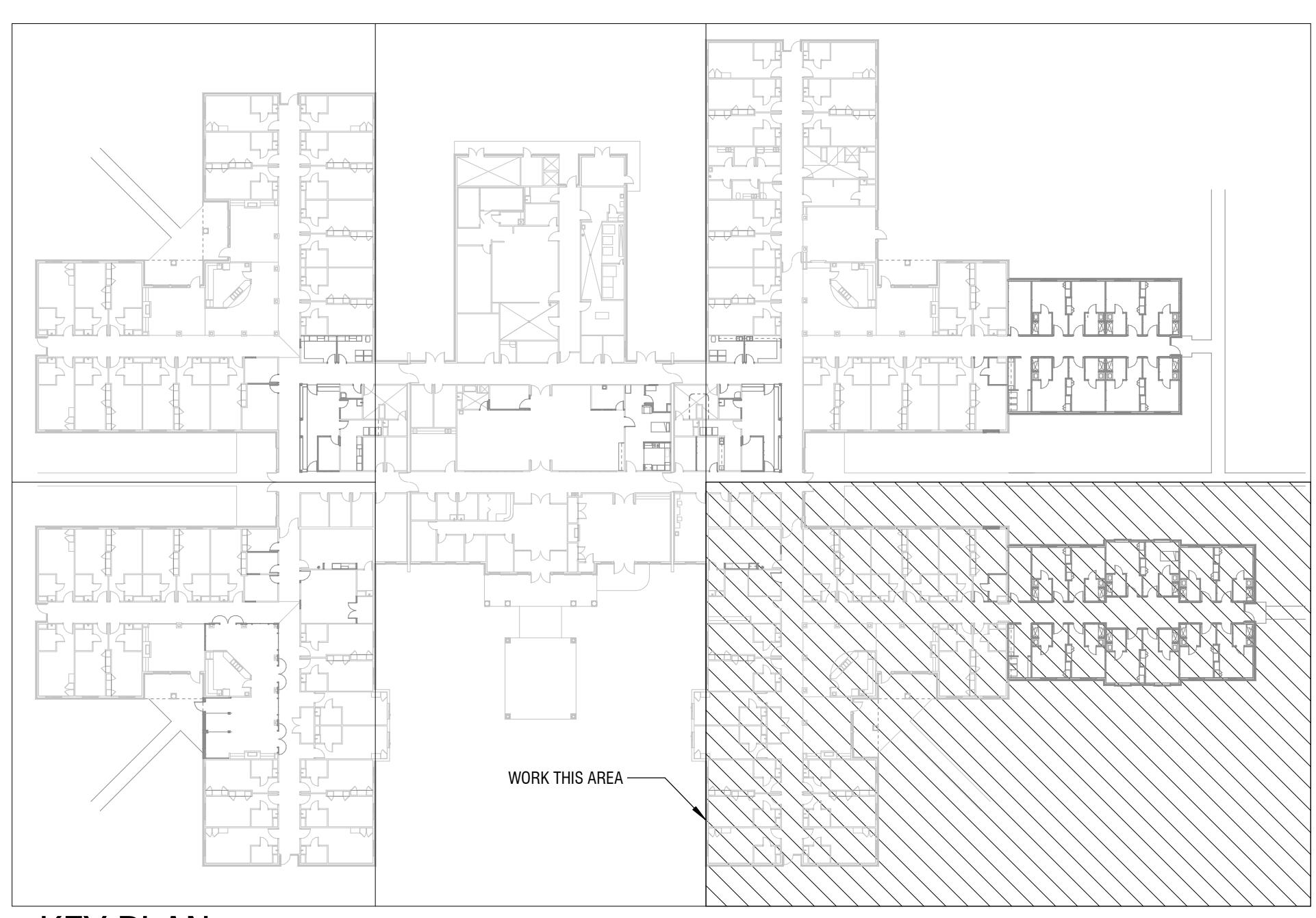
Revisions		
No.	Description	Date
1	DUSD COMMENTS	01/06/2023

date: 02/18/2025

sheet title:  
**ELECTRICAL FLOOR PLANS**

sheet number :

sheet number:

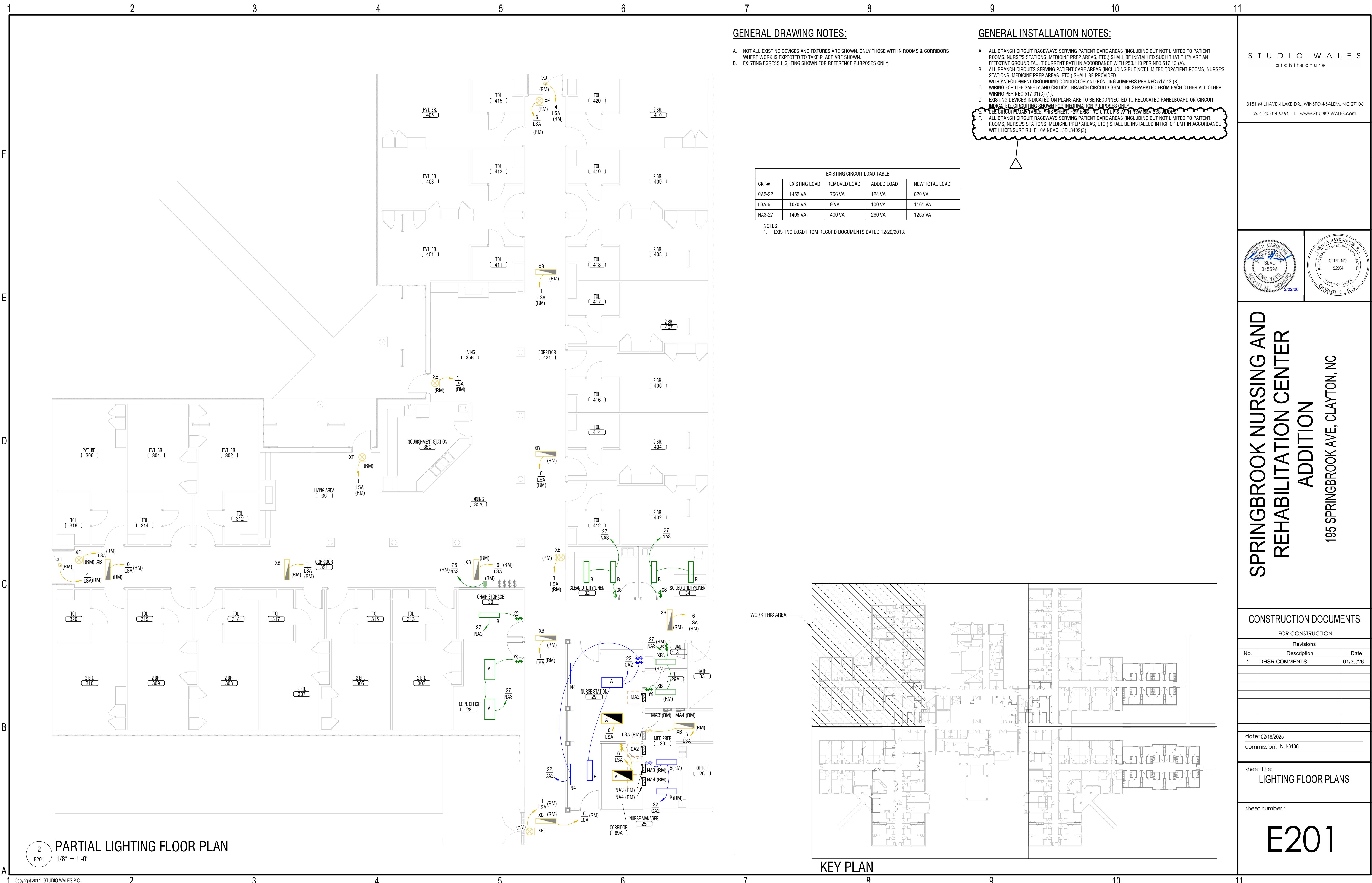


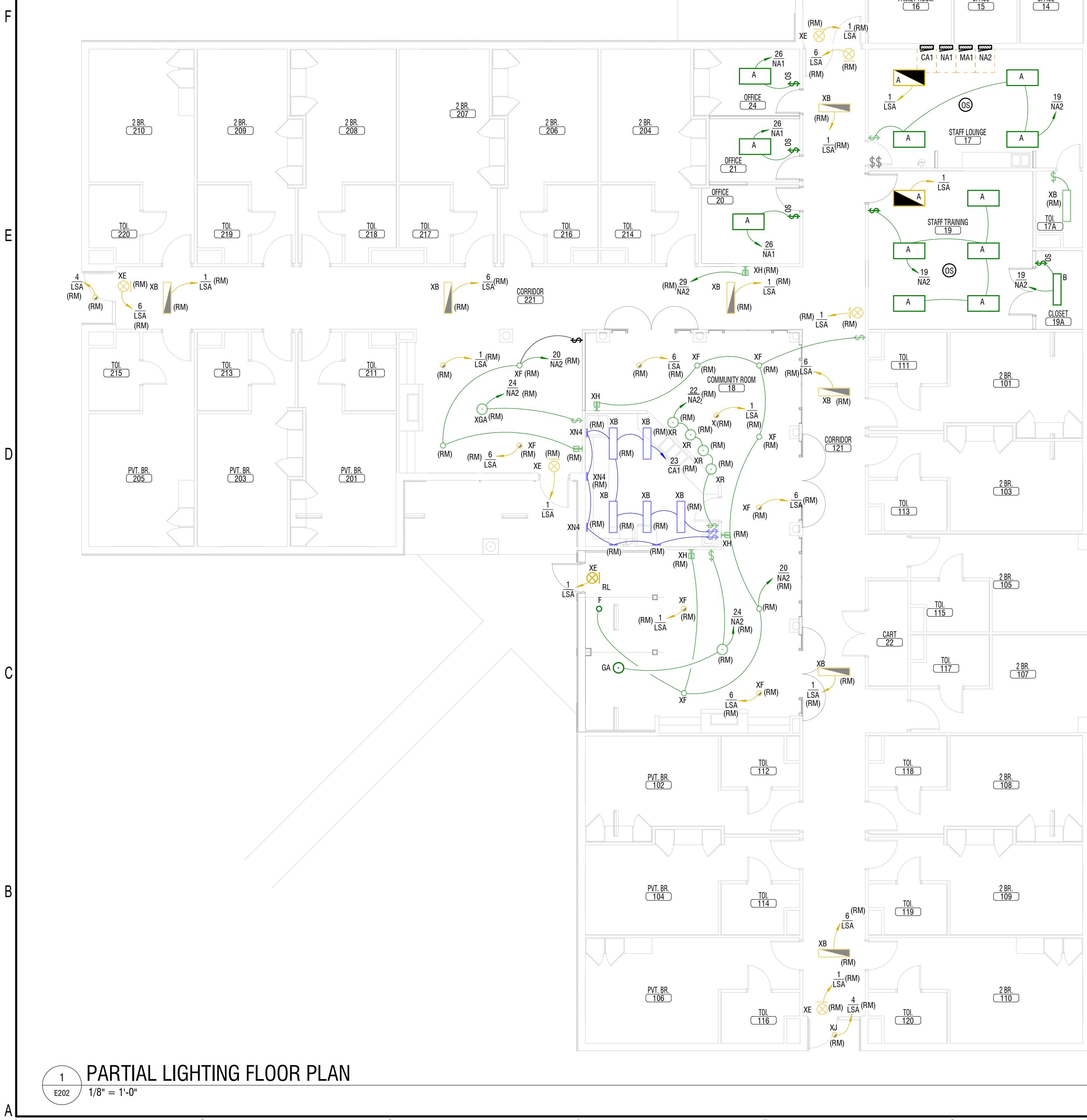
## KEY PLAN



# PARTIAL ELECTRICAL FLOOR PLAN

1/8" = 1'-0"



**GENERAL DRAWING NOTES:**

A. NOT ALL EXISTING DEVICES AND FIXTURES ARE SHOWN. ONLY THOSE WITHIN ROOMS & CORRIDORS WHERE WORK IS EXPECTED TO TAKE PLACE ARE SHOWN.  
 B. EXISTING EGRESS LIGHTING SHOWN FOR REFERENCE PURPOSES ONLY.

**GENERAL INSTALLATION NOTES:**

A. ALL BRANCH CIRCUIT RACEWAYS SERVING PATIENT CARE AREAS (INCLUDING BUT NOT LIMITED TO PATIENT ROOMS, NURSES STATIONS, MEDICINE PREP AREAS, ETC.) SHALL BE INSTALLED SUCH THAT THEY ARE AN EFFECTIVE GROUND FAULT CURRENT PATH IN ACCORDANCE WITH 250.118 PER NEC 517.13 (A).  
 B. ALL BRANCH CIRCUITS SERVING PATIENT CARE AREAS (INCLUDING BUT NOT LIMITED TO PATIENT ROOMS, NURSES STATIONS, MEDICINE PREP AREAS, ETC.) SHALL BE PROVIDED WITH AN EQUIPMENT GROUNDING CONDUCTOR AND BONDING JUMPERS PER NEC 517.13 (B).  
 C. WIRING FOR LIFE SAFETY AND CRITICAL BRANCH CIRCUITS SHALL BE SEPARATED FROM EACH OTHER ALL OTHER WIRING PER NEC 517.31(C) (1).  
 D. EXISTING DEVICES INDICATED ON PLANS ARE TO BE RECONNECTED TO RELOCATED PANELBOARD ON CIRCUIT INDICATED. CIRCUITING SHOWN FOR INFORMATION PURPOSES ONLY.  
 E. SEE CIRCUIT LOAD TABLE THIS SHEET FOR EXISTING CIRCUITS WITH NEW DEVICES ADDED.  
 F. ALL BRANCH CIRCUIT RACEWAYS SERVING PATIENT CARE AREAS (INCLUDING BUT NOT LIMITED TO PATIENT ROOMS, NURSES STATIONS, MEDICINE PREP AREAS, ETC.) SHALL BE INSTALLED IN HCF OR EMT IN ACCORDANCE WITH LICENSURE RULE 10A NCAC 13D .340(2).

EXISTING CIRCUIT LOAD TABLE				
CKT#	EXISTING LOAD	REMOVED LOAD	ADDED LOAD	NEW TOTAL LOAD
LSA-1	942 VA	9 VA	100 VA	1033 VA
NA1-26	1405 VA	342 VA	150 VA	1213 VA
NA2-19	1004 VA	290 VA	432 VA	1146 VA
NA2-24	600 VA	0 VA	30 VA	630 VA

NOTES:  
 1. EXISTING LOAD FROM RECORD DOCUMENTS DATED 12/20/2013.

**KEY PLAN****SPRINGBROOK NURSING AND REHABILITATION CENTER ADDITION**

195 SPRINGBROOK AVE, CLAYTON, NC

**CONSTRUCTION DOCUMENTS****FOR CONSTRUCTION**

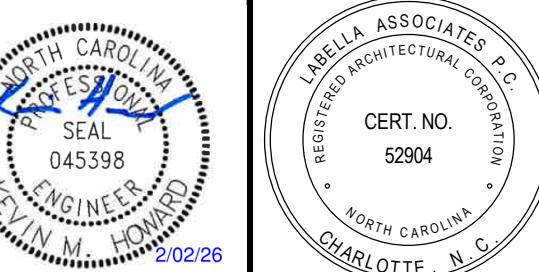
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No. 1	DHSR COMMENTS	01/30/26

date: 02/18/2025  
commission: NH-3138sheet title:  
**LIGHTING FLOOR PLANS**

sheet number :

**E202**

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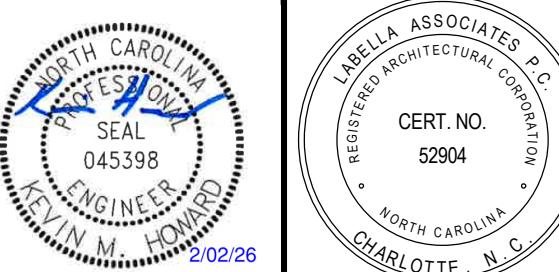
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EXISTING CIRCUIT LOAD TABLE				
CKT#	EXISTING LOAD	REMOVED LOAD	ADDED LOAD	NEW TOTAL LOAD
CC2-31	986 VA	0 VA	96 VA	1082 VA
LSB-1	772 VA	0 VA	32 VA	804 VA
LSB-3	956 VA	0 VA	5 VA	961 VA
NB1-26	928 VA	580 VA	128 VA	476 VA
NB1-30	1082 VA	258 VA	101 VA	925 VA

NOTES:  
 1. EXISTING LOAD FROM RECORD DOCUMENTS DATED 12/20/2013.

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# SPRINGBROOK NURSING AND REHABILITATION CENTER ADDITION

195 SPRINGBROOK AVE, CLAYTON, NC

## CONSTRUCTION DOCUMENTS

### FOR CONSTRUCTION

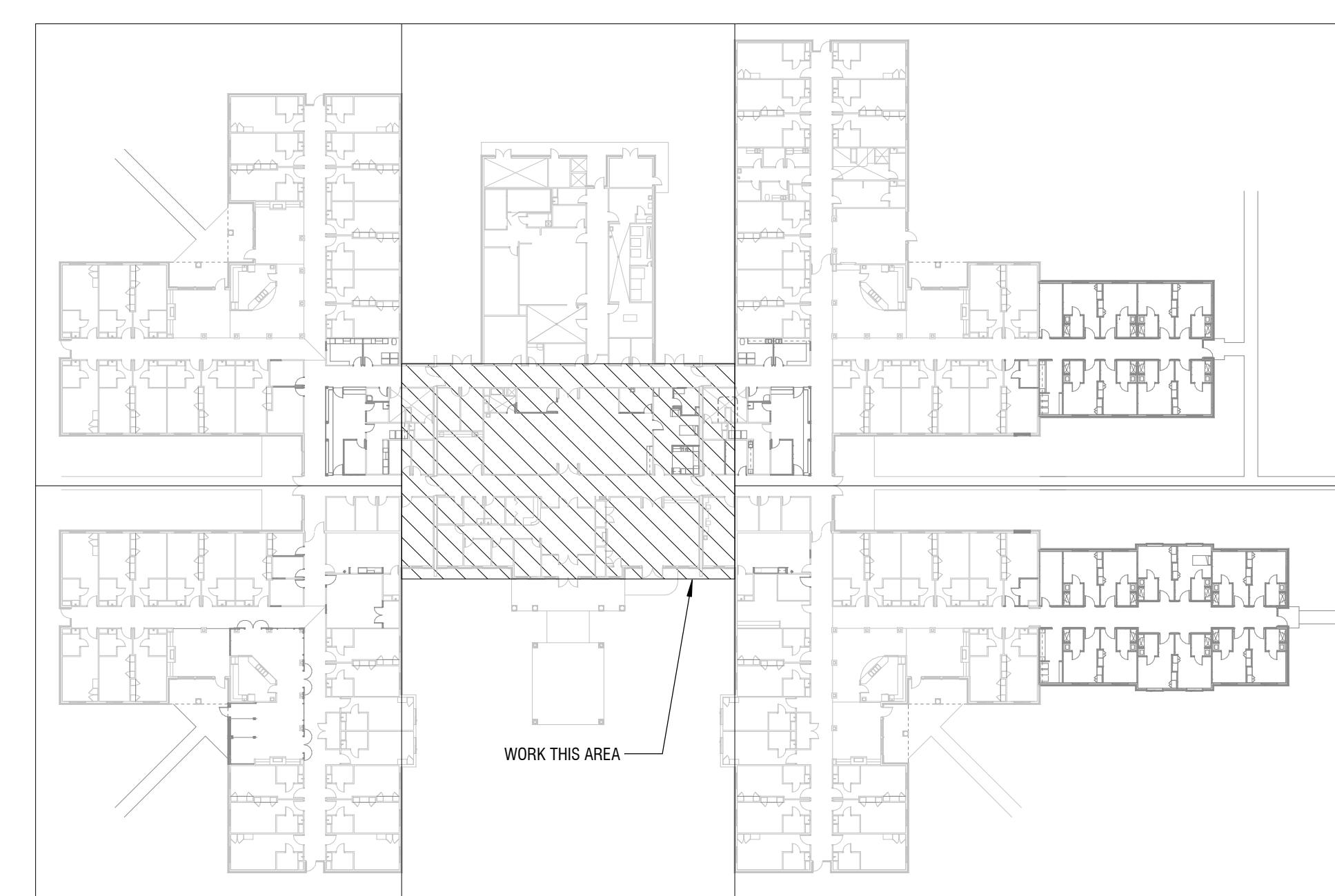
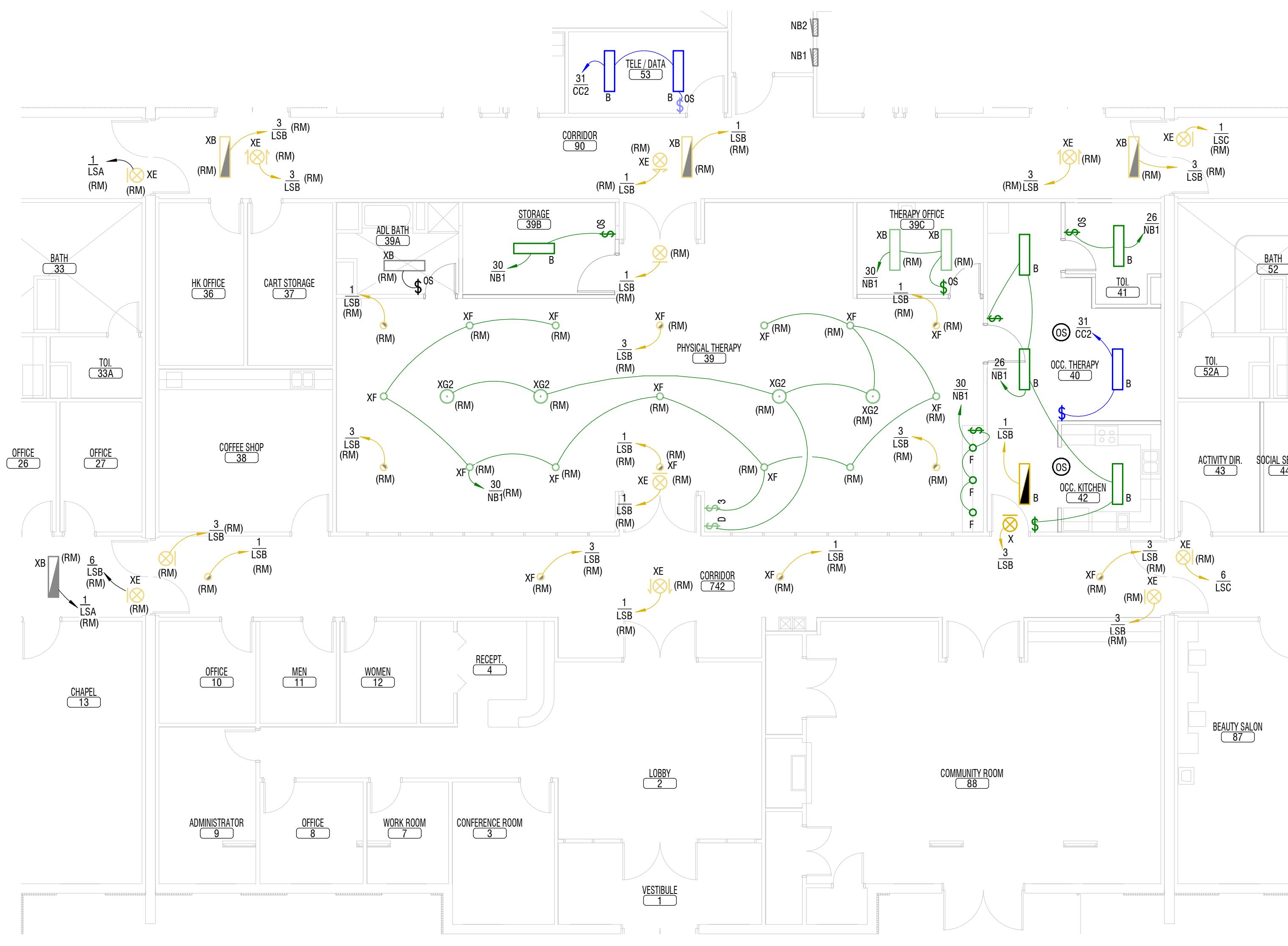
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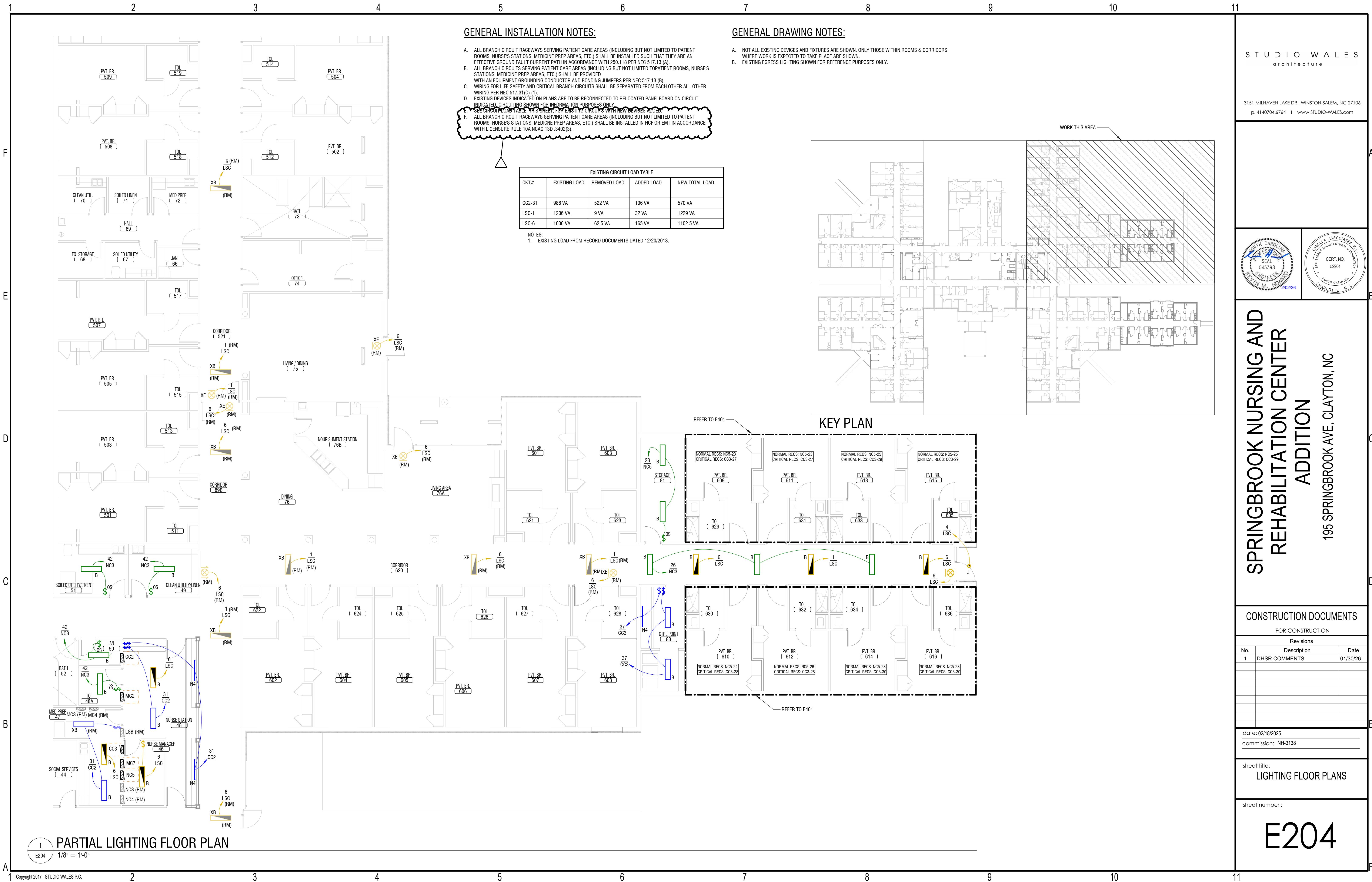
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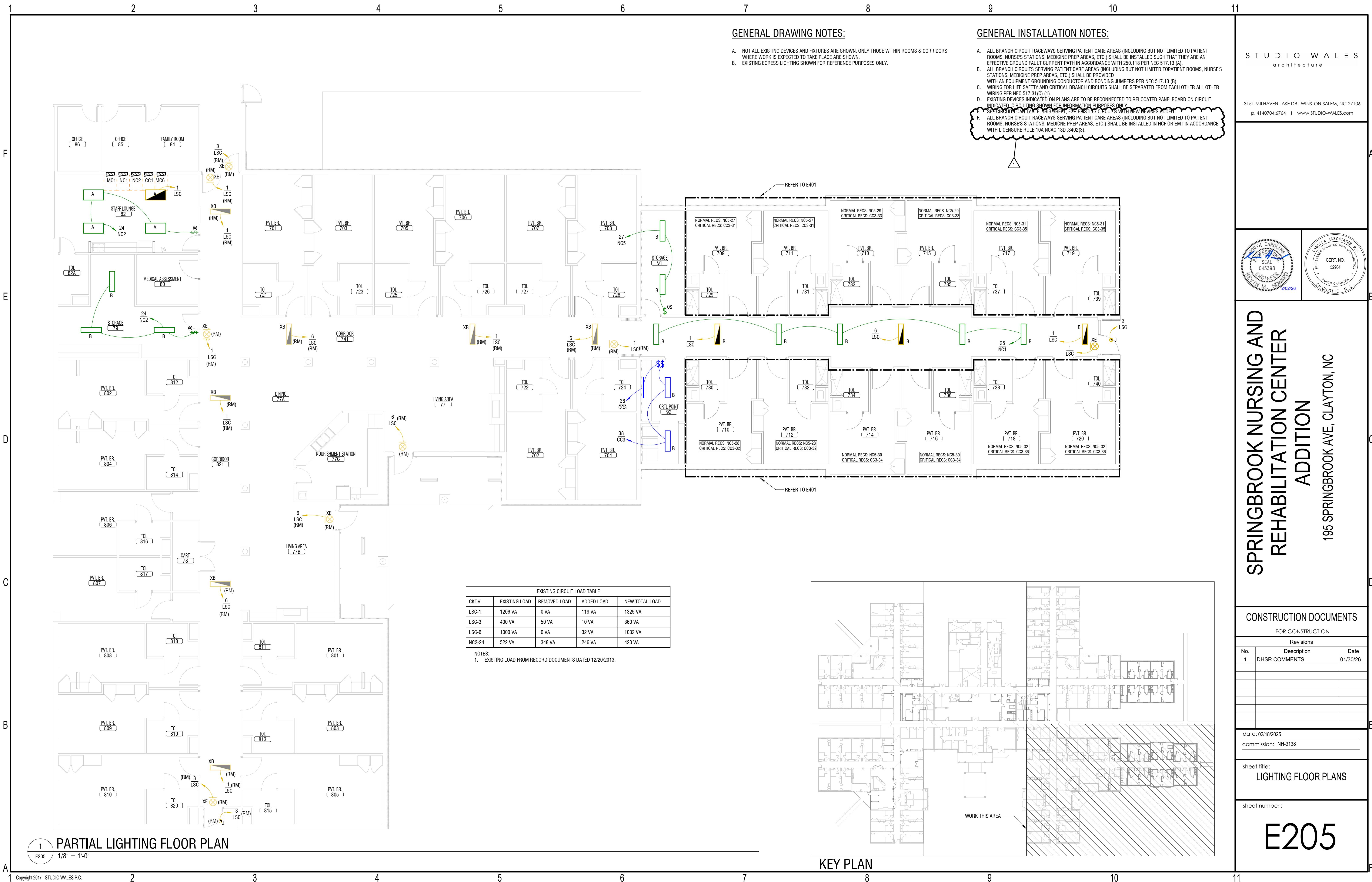
sheet title: LIGHTING FLOOR PLANS

sheet number:

E203







## FIRE ALARM, GAS DETECTION, &amp; MASS NOTIFICATION DEVICES

① R	HEAT DETECTOR, COMBINATION RATE OF RISE/FIXED 135°F, CEILING MOUNT ('R' INDICATES RATE OF RISE TEMPERATURE SENSOR, 'F' INDICATES FIXED TEMPERATURE SENSOR, R/P INDICATES COMBINATION RATE OF RISE & FIXED TEMPERATURE SENSOR)
②	SMOKE DETECTOR, CEILING MOUNTED
③	SMOKE DETECTOR, WALL MOUNTED
AHU-1 RETURN	SMOKE DETECTOR, INSTALLED IN DUCTWORK - MECHANICAL UNIT INDICATED
BT	SMOKE DETECTOR, PROJECTED BEAM TYPE, TRANSMITTER, HEIGHT AS NOTED
BR	SMOKE DETECTOR, PROJECTED BEAM TYPE, RECEIVER, HEIGHT AS NOTED
CO	GAS DETECTOR, CEILING MOUNTED (CO = CARBON MONOXIDE, NG = NATURAL GAS)
GA	GAS DETECTOR, WALL MOUNTED (CO = CARBON MONOXIDE 60° AFF, NG = NATURAL GAS 18° BELOW CEILING)
MASS	MASS NOTIFICATION HORN/STROBE, 90dB, 75cd STROBE INTENSITY UNLESS OTHERWISE NOTED, WALL MOUNTED 18° BELOW CEILING - SA = SECURITY ALERT: WHITE HOUSING, BLUE LENS, SEC ALERT LABEL IN RED. - MN = MASS NOTIFICATION ALERT: WHITE HOUSING, AMBER LENS, ALERT LABEL IN RED. - CO = CARBON MONOXIDE: WHITE HOUSING, RED LENS, CO ALARM LABELING - NG = NATURAL GAS: WHITE HOUSING, GREEN LENS, NG ALARM LABELING
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MASS	MASS NOTIFICATION STROBE, 75cd STROBE INTENSITY UNLESS OTHERWISE NOTED, WALL MOUNTED 18° BELOW CEILING - SA = SECURITY ALERT: WHITE HOUSING, BLUE LENS, SEC ALERT LABEL IN RED. - MN = MASS NOTIFICATION ALERT: WHITE HOUSING, AMBER LENS, ALERT LABEL IN RED. - CO = CARBON MONOXIDE: WHITE HOUSING, RED LENS, CO ALARM LABELING - NG = NATURAL GAS: WHITE HOUSING, GREEN LENS, NG ALARM LABELING
MASS	MASS NOTIFICATION STROBE, 75cd STROBE INTENSITY UNLESS OTHERWISE NOTED, CEILING MOUNTED - SA = SECURITY ALERT: WHITE HOUSING, BLUE LENS, SEC ALERT LABEL IN RED. - MN = MASS NOTIFICATION ALERT: WHITE HOUSING, AMBER LENS, ALERT LABEL IN RED. - CO = CARBON MONOXIDE: WHITE HOUSING, RED LENS, CO ALARM LABELING - NG = NATURAL GAS: WHITE HOUSING, GREEN LENS, NG ALARM LABELING
MAN	MASS NOTIFICATION MANUAL PULL STATION, 44° AFF UNLESS NOTED OTHERWISE
FIRE	FIRE ALARM HORN, 90 dB, WALL MOUNTED 18° BELOW CEILING
FIRE	FIRE ALARM HORN, 90 dB, CEILING MOUNTED
FIRE	FIRE ALARM EMERGENCY VOICE/ALARM SPEAKER, FLUSH CEILING MOUNTED
FIRE	FIRE ALARM EMERGENCY VOICE/ALARM SPEAKER, FLUSH WALL MOUNTED
FIRE	FIRE ALARM STROBE LIGHT, WALL MOUNTED, MIN 80°/ MAX 96° AFF (# INDICATES CANDELA RATING)
FIRE	FIRE ALARM STROBE LIGHT, CEILING MOUNTED (# INDICATES CANDELA RATING)
FIRE	FIRE ALARM HORN/STROBE, 90 dB, WALL MOUNTED, MIN 80°/ MAX 96° AFF (# INDICATES CANDELA RATING)
FIRE	FIRE ALARM HORN/STROBE, 90 dB, CEILING MOUNTED (# INDICATES CANDELA RATING)

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architecture3151 MILHAVEN LAKE DR. WINSTON-SALEM, NC 27106  
p. 4140704.6764 | www.STUDIO-WALES.comSPRINGBROOK NURSING AND  
REHABILITATION CENTER  
ADDITION

195 SPRINGBROOK AVE, CLAYTON, NC

## CONSTRUCTION DOCUMENTS

## FOR CONSTRUCTION

## Revisions

No. Description Date

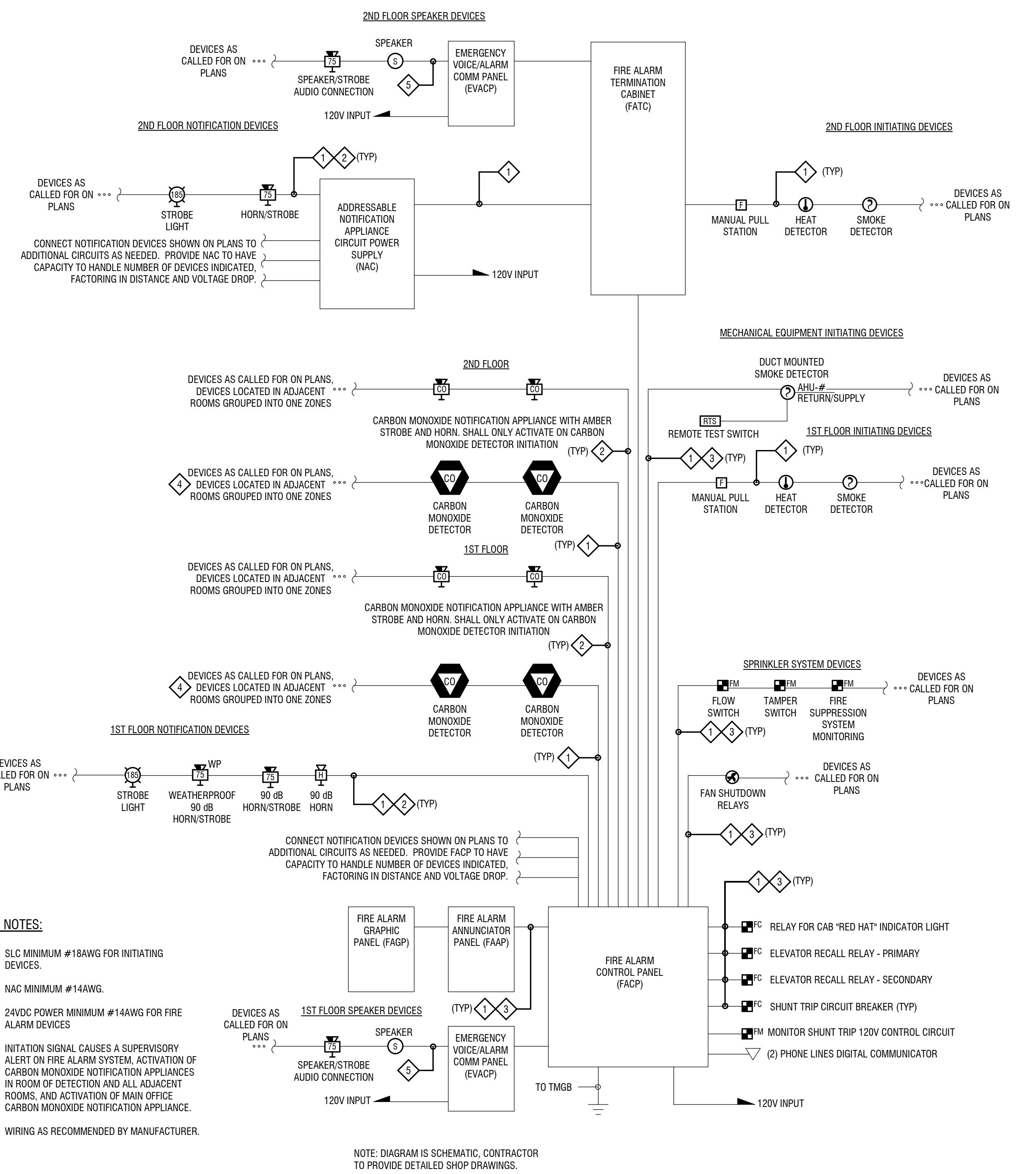
date: 02/18/2025

commission: NH-3138

sheet title:  
FIRE ALARM LEGEND AND  
DIAGRAMS

sheet number:

F001



FIRE ALARM ONE-LINE DIAGRAM

1  
F001

NOT TO SCALE

2  
F001  
FIRE ALARM MATRIX  
NOT TO SCALE

1

2

3

4

5

6

7

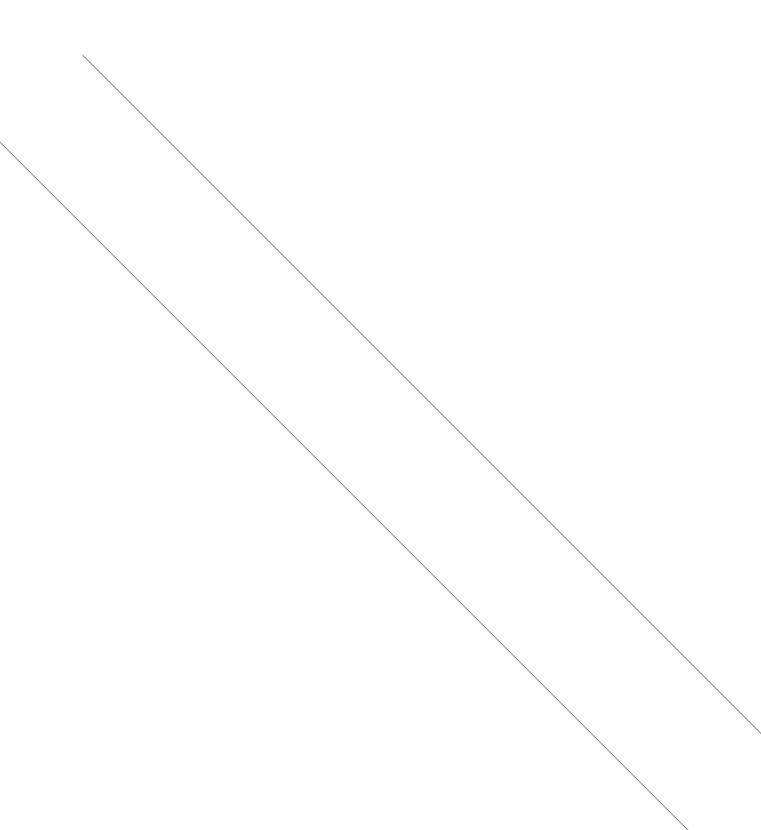
8

9

10

11

F



1  
F101  
1/8" = 1'-0"

PARTIAL ELECTRICAL FIRE PROTECTION FLOOR PLAN

GENERAL DRAWING NOTES:

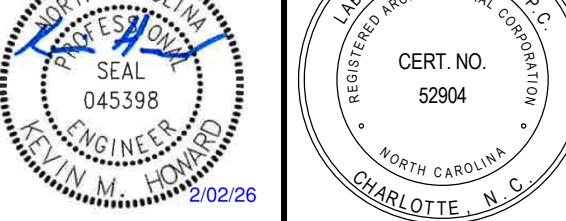
A. NOT ALL EXISTING DEVICES AND FIXTURES ARE SHOWN. ONLY THOSE WITHIN ROOMS & CORRIDORS WHERE WORK IS EXPECTED TO TAKE PLACE ARE SHOWN.

GENERAL INSTALLATION NOTES:

- A. ALL DEVICES UNDER COUNTERS SHALL HAVE GROMMETED OPENING. COORDINATE WITH MILLWORK VENDOR.
- B. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE GENERAL CONTRACTOR FOR THE FURRING OF WALLS WHICH FLUSH MOUNTED PANELS SHALL BE INSTALLED.
- C. SEE MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CONDUIT/WIRE SIZE AND DISCONNECT SWITCH REQUIREMENTS, TYPICAL.

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**SPRINGBROOK NURSING AND  
REHABILITATION CENTER  
ADDITION**

195 SPRINGBROOK AVE, CLAYTON, NC

CONSTRUCTION DOCUMENTS

FOR CONSTRUCTION

Revisions

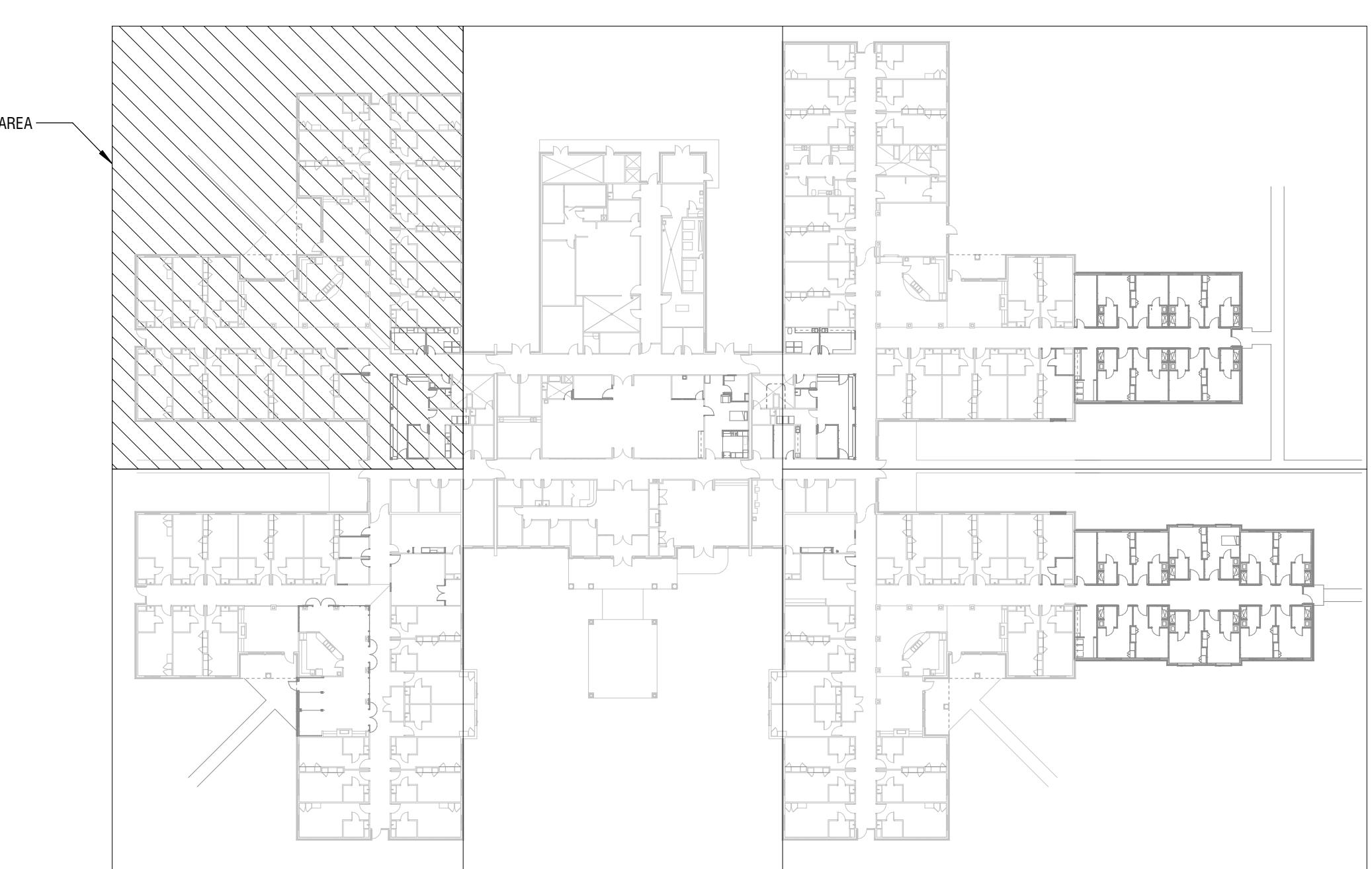
No.	Description	Date

date: 02/18/2025  
commission: NH-3138

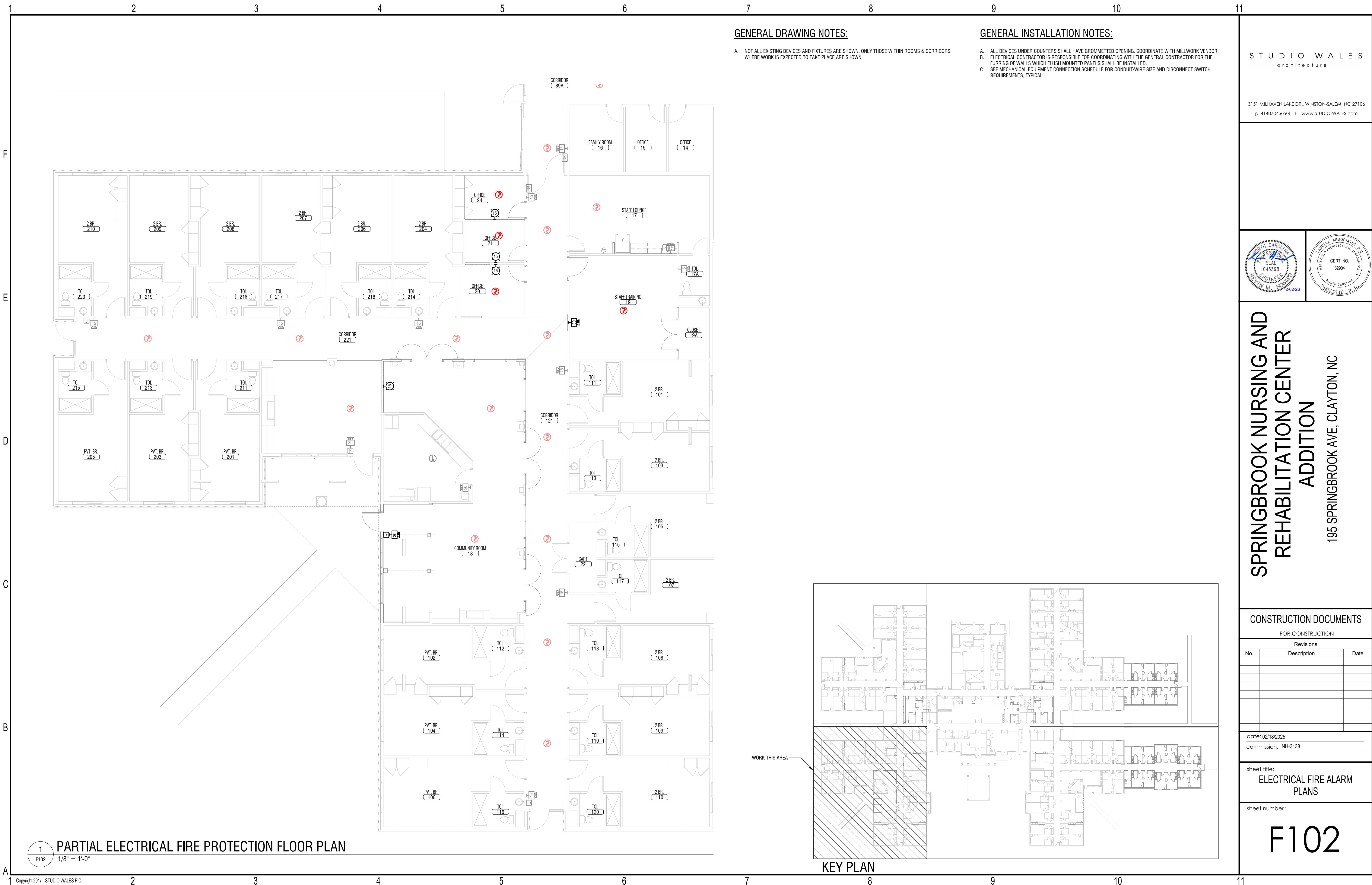
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**ELECTRICAL FIRE ALARM  
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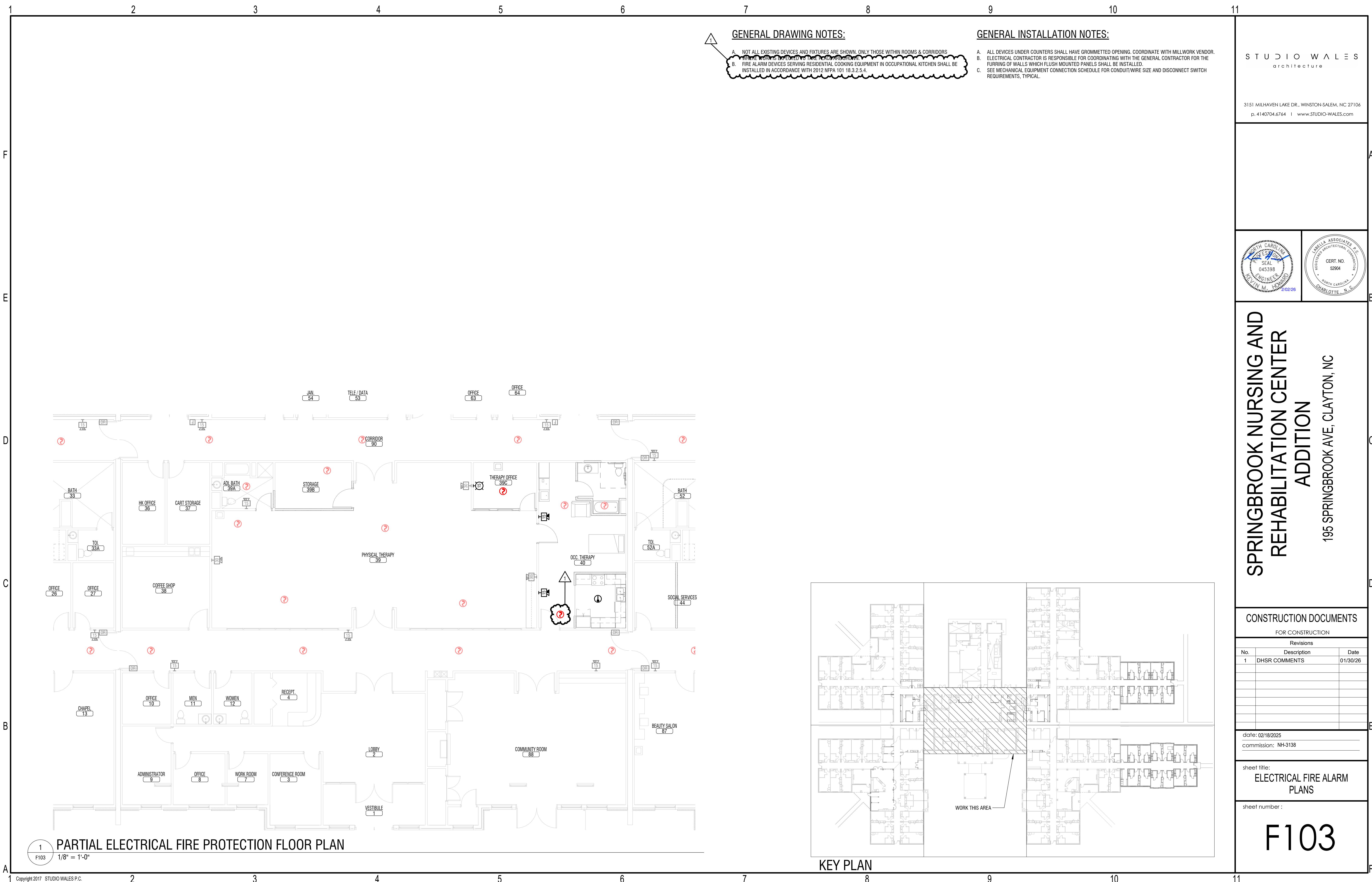
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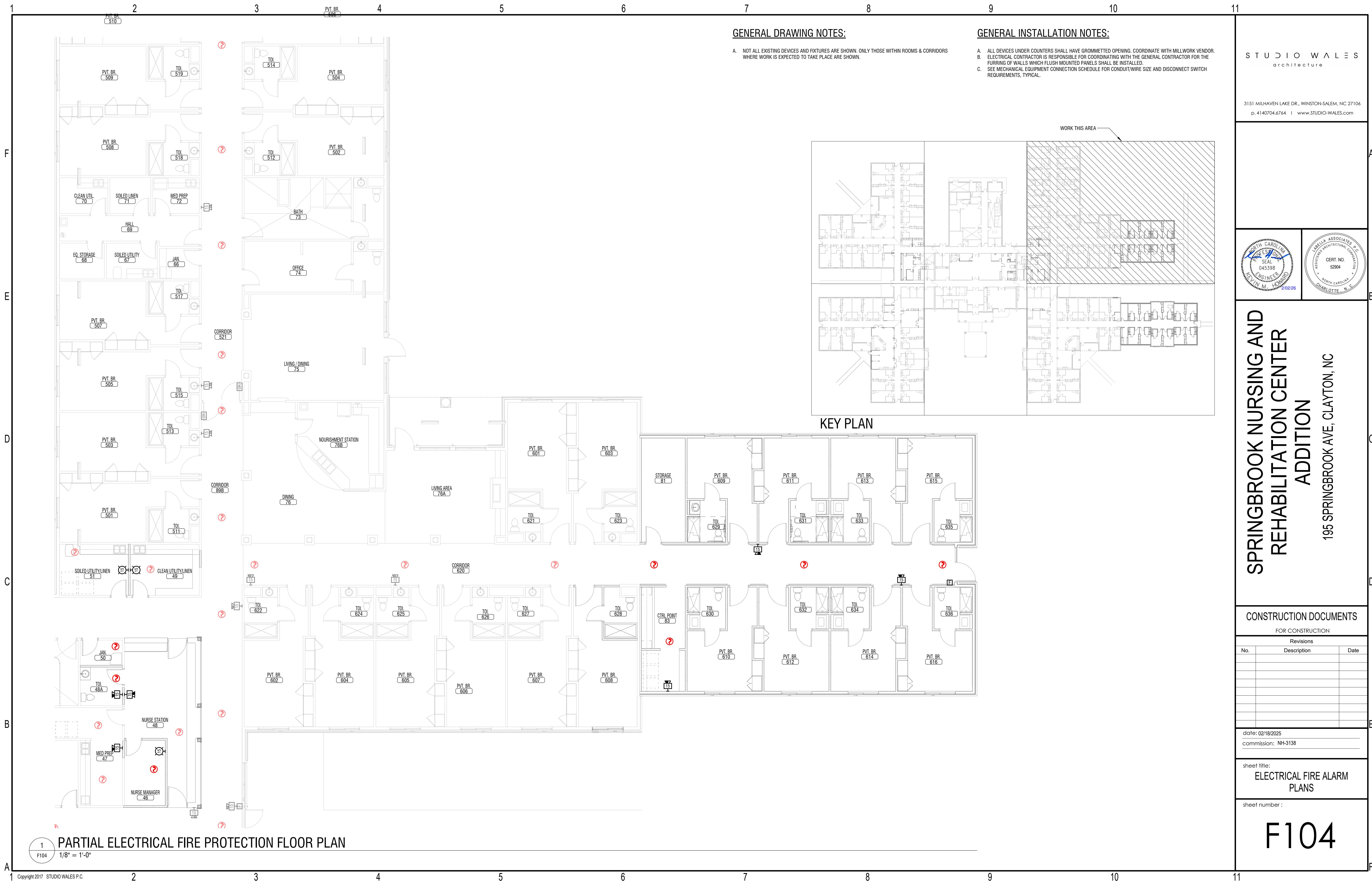
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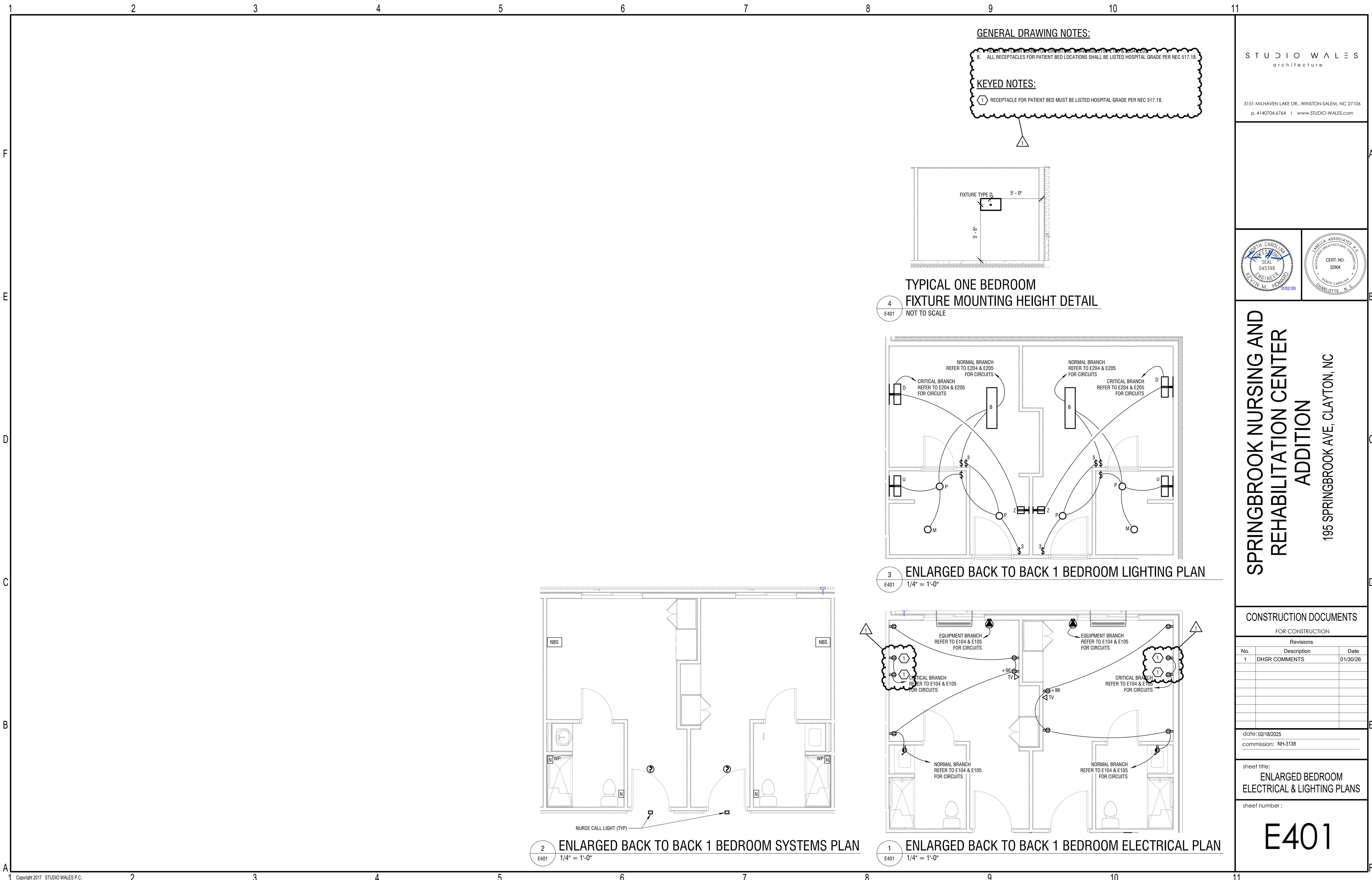
KEY PLAN









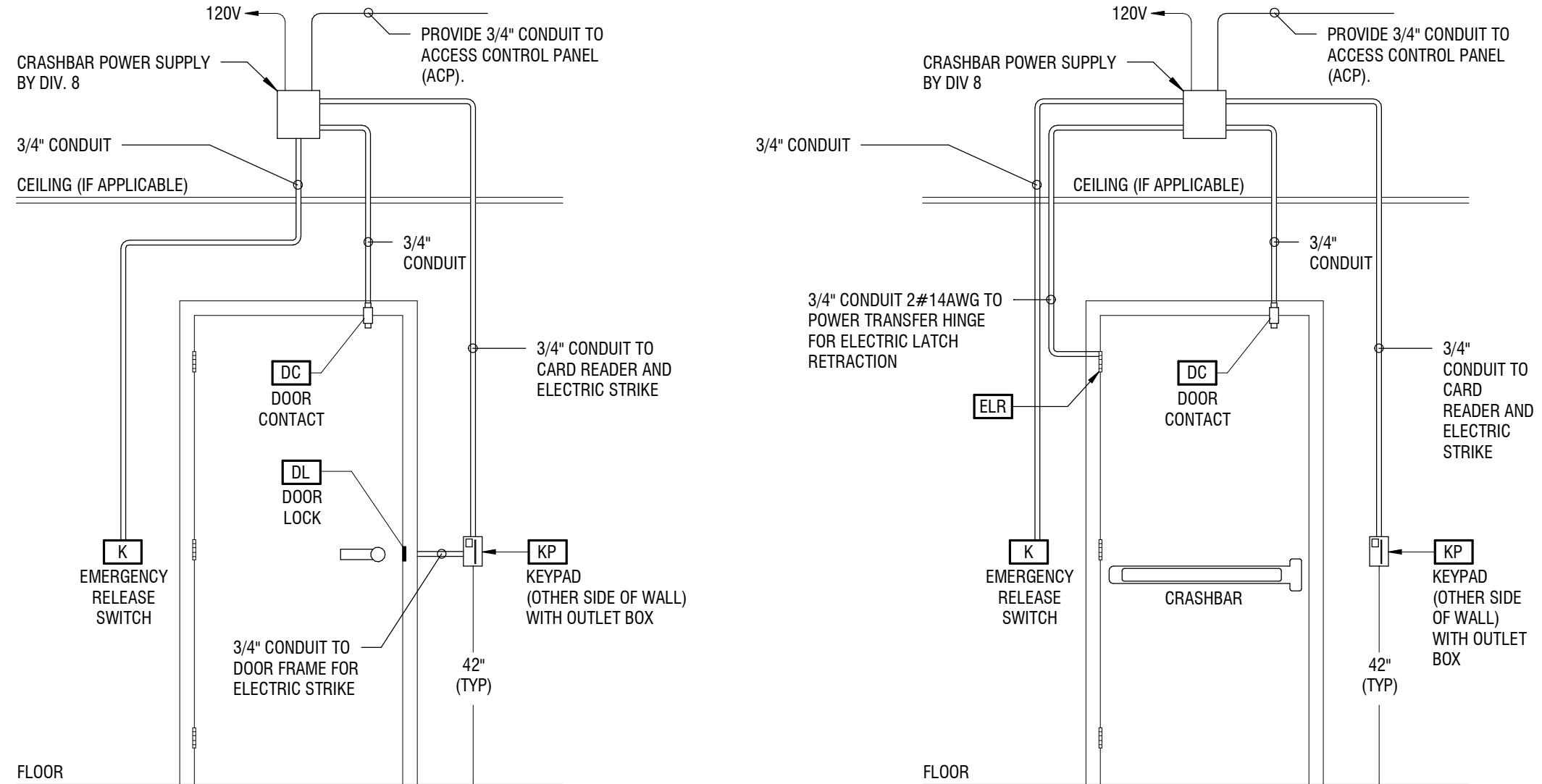




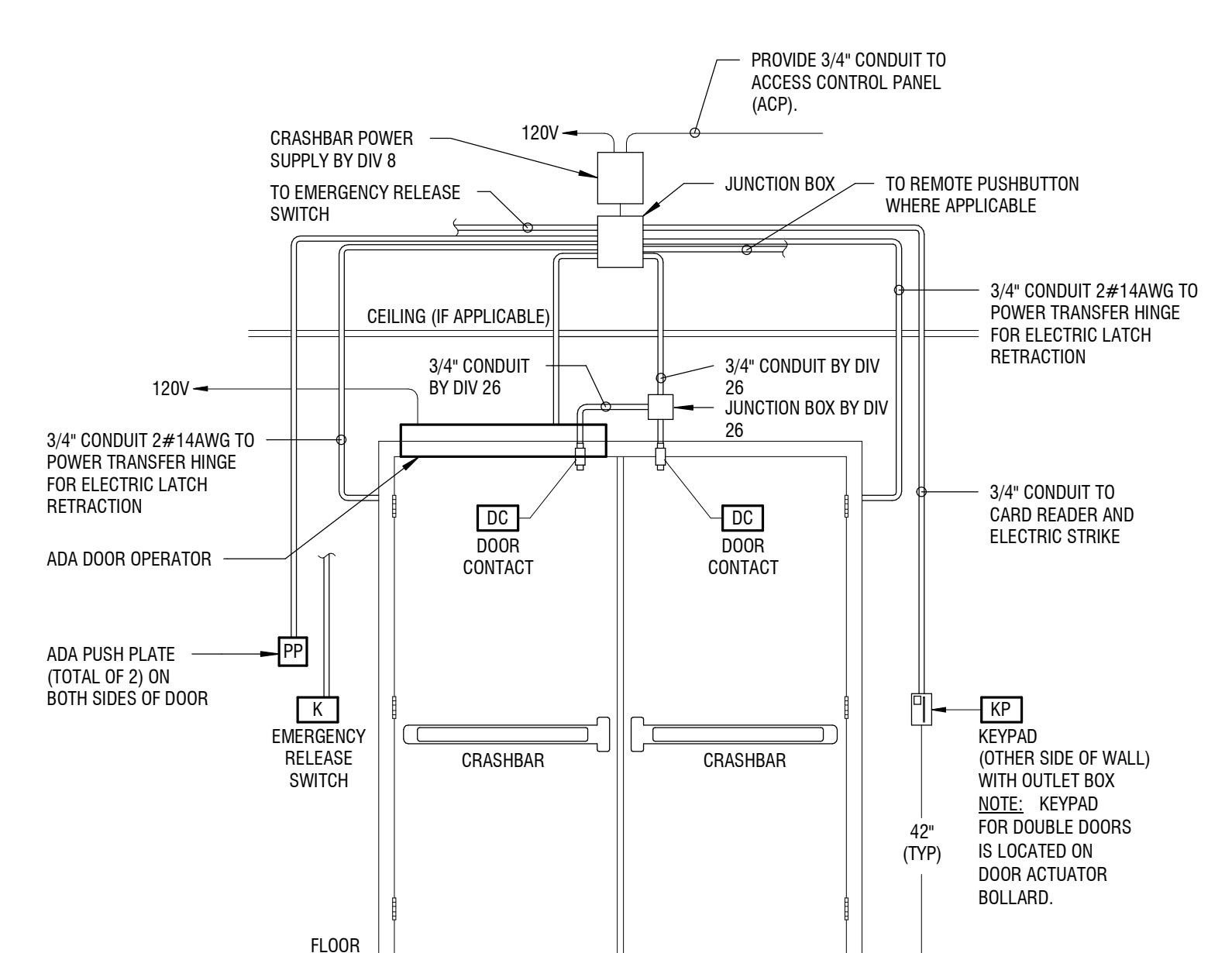
## SYSTEMS LEGEND

SYMBOL	DESCRIPTION
NBS	NURSE CALL ZONE LIGHT
NBS <sub>2</sub>	NURSE CALL BEDSIDE AUDIO PATIENT STATION WITH CALL CORD
N	DUAL STATION NURSE CALL BESIDE AUDIO PATIENT STATION WITH CALL CORD
N <sub>WP</sub>	NURSE CALL EMERGENCY STATION IN TOILETS
D	WATERPROOF NURSE CALL EMERGENCY STATION IN SHOWERS, 48" AFF TO CENTERLINE
DS	NURSE CALL DOME LIGHT, MOUNTED OVER DOOR, CENTERED BETWEEN TOP OF DOOR AND CEILING
NS	NURSE CALL DUTY STATION
SP	NURSE CALL MASTER STATION
V	SPEAKER, SURFACE MOUNTED ON CEILING
K	SPEAKER VOLUME CONTROL, 42" AFF
KP	EMERGENCY RELEASE SWITCH WITHIN 3'-0" OF DOOR IT CONTROLS, 48" AFF
DL	DOOR SECURITY KEYPAD LOCATED WITHIN 3'-0" OF DOOR IT CONTROLS, 48" AFF
DC	ELECTROMAGNETIC DOOR LOCK
PA	DOOR ALARM CONTACTS
DSCP	PUBLIC ADDRESS HEADEND WITH AMPLIFIER, TELEPHONE INPUT
FACU	DOOR SECURITY CONTROL PANEL
	FIRE ALARM CONTROL UNIT

(SYMBOLS SHOWN FOR REFERENCE ONLY AND MAY NOT IMPLY CONTRACTUAL REQUIREMENTS)



TYPICAL DOOR ACCESS CONTROL - SINGLE DOOR ELECTRIC LATCH RETRACTION

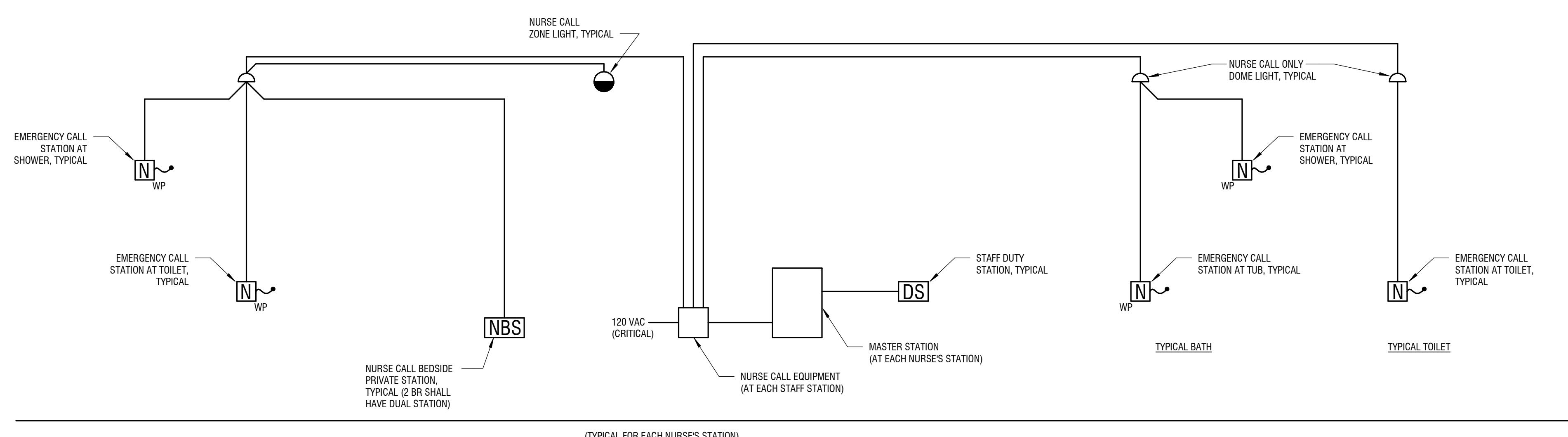
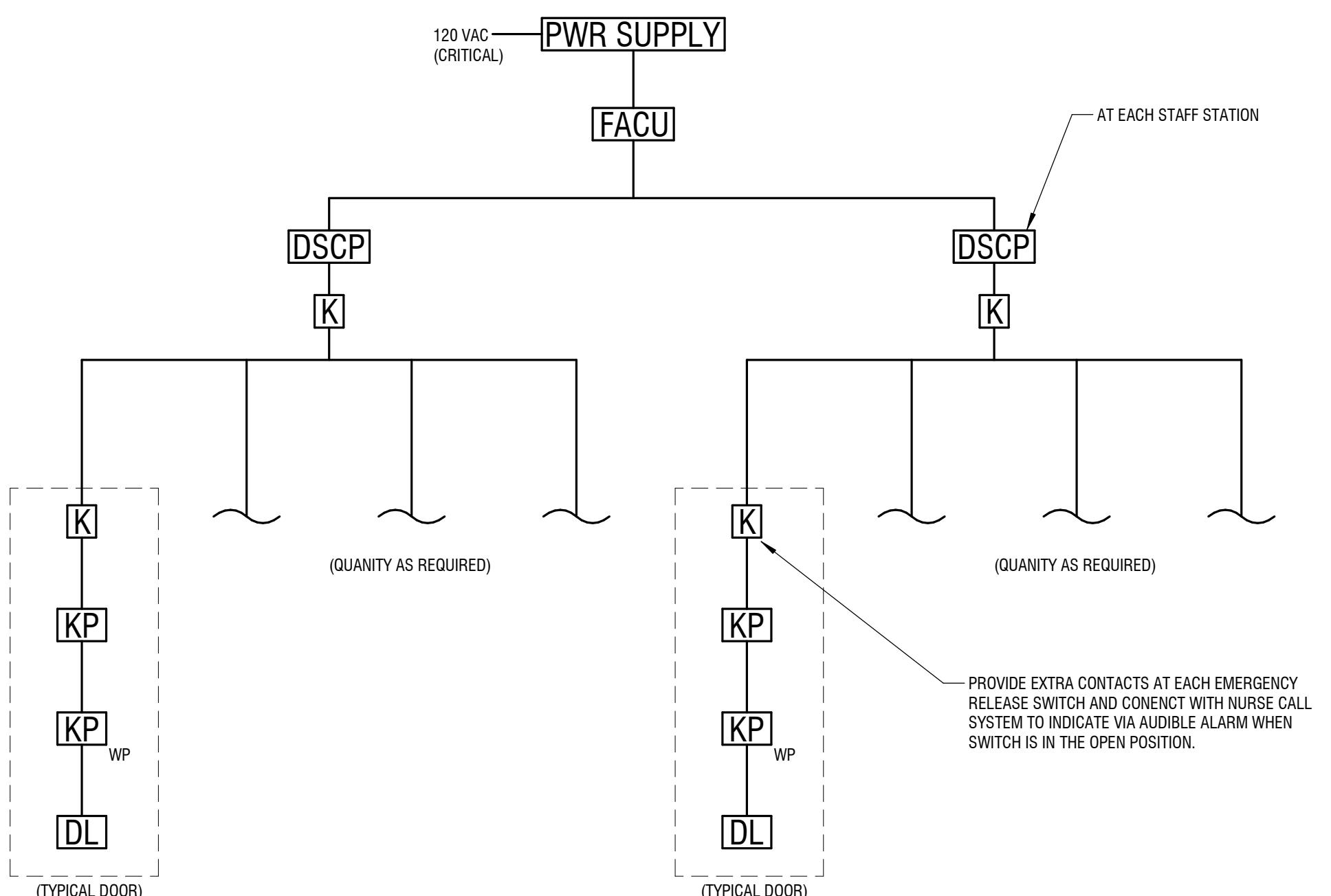


DOOR ACCESS CONTROL WIRING SCHEMATICS

FUNCTIONAL NURSE CALL RISER DIAGRAM

**MAGNETIC DOOR LOCK SYSTEM NOTES**

1. THE SPECIAL LOCKING SYSTEM SHALL MEET ALL REQUIREMENTS OF THE LATEST NORTH CAROLINA STATE BUILDING CODE, INCLUDING SECTION 407.11.
2. THE SPECIAL LOCKING SYSTEM SHALL BE APPROVED BY THE APPROPRIATE FIRE AND BUILDING INSPECTION AUTHORITY PRIOR TO INSTALLATION, AFTER INSTALLATION AND PRIOR TO INITIAL USE AND REVIEWED PERIODICALLY THEREAFTER.
3. THE SPECIAL LOCKING SYSTEM SHALL BE APPROVED BY THE OWNER PRIOR TO DISH CONSTRUCTION AFTER INSTALLATION AND PRIOR TO INITIAL USE.
4. THE FOLLOWING REQUIREMENTS SHALL BE MET:
  - A. NOT MORE THAN ONE SYSTEM SHALL BE LOCATED IN ANY EGRESS PATH.
  - B. ON/OFF EMERGENCY RELEASE SWITCHES SHALL BE LOCATED AND IDENTIFIED AT EACH NURSE'S STATION SERVING THE LOCKED UNIT.
  - C. ON/OFF EMERGENCY RELEASE SWITCH SHALL BE LOCATED AT EACH LOCKED DOOR WITHIN 3 FEET OF THE DOOR AND SHALL NOT DEPEND ON RELAYS OR OTHER DEVICES TO CAUSE THE INTERRUPTION OF POWER.
  - D. ANY REQUIRED EMERGENCY RELEASE SWITCH THAT IS REQUIRED TO BE LOCKED TYPE, ALL STAFF RESPONSIBLE FOR THE EVACUATION OF OCCUPANTS MUST CARRY EMERGENCY RELEASE KEYS.
  - E. PROVIDE ADDITIONAL EMERGENCY RELEASE SWITCHES FOR CONVENIENCE AS DIRECTED BY THE OWNER/ARCHITECT.
5. ALL MAGNETIC LOCKS SHALL OPEN UNDER THE FOLLOWING CONDITIONS:
  - A. UNLOCK UPON ACTIVATION OF AUTOMATIC FIRE DETECTION SYSTEM OR AUTOMATIC SPRINKLER SYSTEM.
  - B. UNLOCK UPON ACTIVATION OF DOOR OVERFLOWS THAT ARE IN USE.
  - C. UNLOCK UPON ACTIVATION OF MASTER SHUTOFF SWITCH AT NURSES / STAFF STATION.
6. INDIVIDUAL DOORS SHALL OPEN UNDER THE FOLLOWING CONDITIONS:
  - A. UNLOCK FROM ACTIVATION OF SWITCH LOCATED BEHIND GLASS LOCATED WITHIN 3'-0" OF THE DOOR.
  - B. UNLOCK FROM ACTIVATION OF KEYPAD OPERATOR LOCATED WITHIN 3'-0" OF THE DOOR.
  - C. UNLOCK FROM ACTIVATION OF EMERGENCY RELEASE AT NURSES STATION.
7. EMERGENCY LIGHTING SHALL BE PROVIDED AT EACH DOOR EQUIPPED WITH SPECIAL LOCKING.
8. A WIRING DIAGRAM AND SYSTEM COMPONENTS LOCATION MAP SHALL BE PROVIDED UNDER GLASS ADJACENT TO THE FIRE ALARM PANEL AND AT NURSE'S STATION / STAFF STATION.
9. MANUFACTURER AND MODEL NUMBER OF ALL SYSTEM COMPONENTS INCLUDING SWITCH LOCATED BEHIND GLASS SHALL BE APPROVED BY THE OWNER PRIOR TO INSTALLATION.



**GENERAL NOTES:**

A. RISER DIAGRAM IS DEPICTIVE (FUNCTIONAL) ONLY. ALL DEVICES ARE NOT SHOWN.  
 B. NURSE CALL SYSTEM CABLES TO BE ROUTED EXPOSED TO ATTIC SPACE. PROVIDE 3/4" RACEWAY FROM ALL WALL MOUNTED DEVICES TO ATTIC SPACE.

# SPRINGBROOK NURSING AND REHABILITATION CENTER ADDITION

195 SPRINGBROOK AVE, CLAYTON, NC

## CONSTRUCTION DOCUMENTS

## FOR CONSTRUCTION

## Revisions

No. Description Date

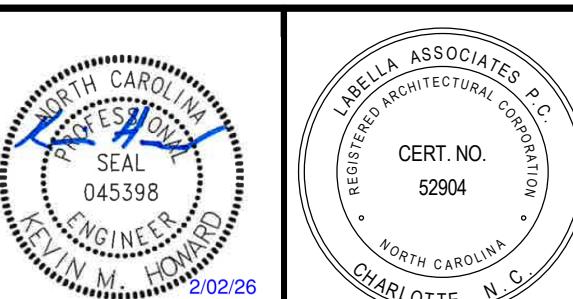
date: 02/18/2025

commission: NH-3138

sheet title:  
ELECTRICAL SYSTEMS DETAILS & SYMBOL LEGEND

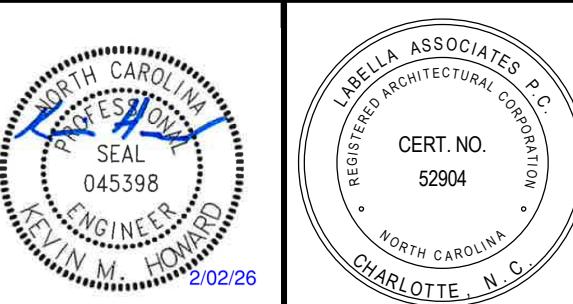
sheet number:

E502



# EQUIPMENT CONNECTION SCHEDULE

Equipment Connection Schedule										
Designation	Location	Description	Load	Voltage	Phase	Protective Device Rating (A)	Number of Poles	Conductors & Conduit	Disconnect	Notes
DL-1	Community Room 23	Door Lock Power	300 VA	120 V	1	20	1	2#12, 1#12G, 3/4"C	N/A	
DL-2	Corridor 620	Door Lock Power	300 VA	120 V	1	20	1	2#12, 1#12G, 3/4"C	N/A	
DL-3	Corridor 741	Door Lock Power	300 VA	120 V	1	20	1	2#12, 1#12G, 3/4"C	N/A	
ERV-20	Corridor 620	Energy Recovery Ventilator	20.5 MCA	120 V	1	30	1	2#4, 1#4G, 1"C	Provided by Mechanical Trade	EC is responsible for interconnecting disconnect switch
ERV-21	Corridor 741	Energy Recovery Ventilator	12.6 MCA	208 V	1	20	2	2#8, 1#8G, 3/4"C	Provided by Mechanical Trade	EC is responsible for interconnecting disconnect switch
IND-32	Corridor 620	Indoor Unit	27 MCA	208 V	1	30	1	2#8, 1#8G, 1-1/4"C	Provided by Mechanical Trade	EC is responsible for interconnecting disconnect switch
IDU-33	Corridor 741	Indoor Unit	52 MCA	208 V	1	60	2	2#4, 1#8G, 1-1/4"C	Provided by Mechanical Trade	EC is responsible for interconnecting disconnect switch
ODU-32	Outside Addition	Outdoor Unit	19 MCA	208 V	1	30	2	2#8, 1#8G, 3/4"C	Provided by Mechanical Trade	EC is responsible for interconnecting disconnect switch
ODU-33	Outside Addition	Outdoor Unit	26 MCA	208 V	1	40	2	2#6, 1#6G, 3/4"C	Provided by Mechanical Trade	EC is responsible for interconnecting disconnect switch
PRV-1	Private Workrooms	Through Wall Acquired	12.5 MCA	208 V	1	20	1	2#12, 1#12G, 3/4"C	N/A	



# SPRINGBROOK NURSING AND REHABILITATION CENTER

## ADDITION

195 SPRINGBROOK AVE, CLAYTON, NC

## CONSTRUCTION DOCUMENTS

FOR CONSTRUCTION

18/2025

## Electrical Schedules

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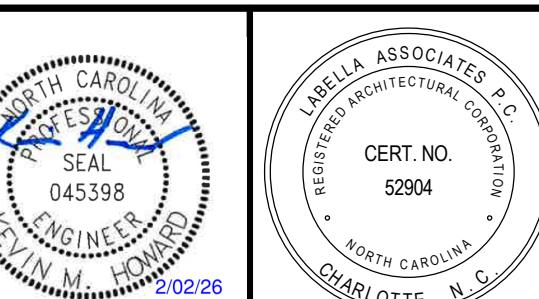
LIGHTING FIXTURE SCHEDULE								
Type Mark	Description	Design Base	Voltage	Lamp	Watts	Lens	Color	Comments
A	4 FT LED WRAPAROUND LIGHT FIXTURE WITH #12 ACRYLIC DIFFUSER, 0-10V DIMMING	LITHONIA LB SERIES	120-277 V	LED 6000 lm 3500K	50 W	PATTERED #12 ACRYLIC	WHITE	
B	4 FT LED WRAPAROUND LIGHT FIXTURE WITH #12 ACRYLIC DIFFUSER, 0-10V DIMMING	LITHONIA LB SERIES	120-277 V	LED 4000 lm 3500K	32 W	PATTERED #12 ACRYLIC	WHITE	
D	LED OVER BED EXAM/READING LIGHT WITH PULLCHAIN	HEALTHCARE LIGHTING ARCHER SERIES	120-277 V	LED 5430 lm 3500K	50 W	ACRYLIC	WHITE	
F	RECESSED COMPACT LED DOWNLIGHT, 6" DIAMETER	LITHONIA LD SERIES	120-277 V	LED 2000 lm 3500K	23 W	N/A	SEMI-SPECULAR WITH WHITE TRIM	
GA	16" DIA. PENDANT WITH 0-10V DIMMING	STONEGATE DESIGNS COCO PENDANT SCOCOP01L2-RB-203-206	120-277 V	LED 2400 lm 3500K	30 W	N/A	HAND-RUBBED BRONZE	COORDINATE HEIGHT WITH INTERIOR DESIGN
H	ADA CORRIDOR WALL SCONCE	HINKLEY HAMPTON 3202BR	120 V	LED 60W SOCKET	60 W	OFF-WHITE LINEN	BRUSHED BRONZE	ADA COMPLIANT, 63" AFF TO BOTTOM OF FIXTURE. PROVIDE WITH 2-5W LED 60W EQUIVANT BULB.
J	LED EXTERIOR CEILING MOUNT	CROWN LIGHTING FM-W52306	120 V	LED 800 lm 3000K	10 W	OPAL GLASS	WHITE	UL WET LOCATION LISTED, CONTROL THRU ROOF MTD PHOTOCELL
M	RECESSED COMPACT LED SHOWER/BATH DOWNLIGHT, 6" DIAMETER	GOTHAM EVO SERIES	120-277 V	LED 1000 lm 3500K	10 W	TEXTURED	WHITE	UL WET LOCATION LISTED
N4	4' UNDER CABINET LED	LITHONIA UC SERIES	120 V	LED 1347 lm 3500K	21 W	ACRYLIC	WHITE	
P	SURFACE MOUNTED GLASS COMPACT LED	LITHONIA FMLRL 11 148	120 V	LED 1100 lm 3000K	16 W	ACRYLIC	WHITE	
U	BRONZE ADA THREE-LIGHT BATH FIXTURE	CROWN LIGHTING WS-42524	120-277 V	LED 998 lm 3000K	22 W	SOLID CAST GLASS	AGED BRASS	
W	LED NIGHT LIGHT, GALVANIZED HOUSING, UL 1598	KIRLIN HEALTHCARE LIGHTING MTT-03NLT-HP-PLL-590	120-277 V	LED 11 lm AMBER	2 W	AMBER	WHITE	MOUNTED AT 18" AFF
X	EXIT SIGN, SINGLE OR DOUBLE FACED AS SHOWN ON PLANS, RED LETTERS, WHITE THERMOPLASTIC HOUSING.	LITHONIA QUANTUM SERIES	120-277 V	LED	5 W	N/A	N/A	CEILING OR WALL MOUNTING AS SHOWN ON PLANS. CHEVRON AS SHOWN ON PLANS
XB	EXISTING 4 FT WRAPAROUND FIXTURE TO REMAIN.		EXISTING	EXISTING	0 W	EXISTING	EXISTING	LOAD FOR EXISTING FIXTURES NOT INCLUDED IN NEW LOAD CALCULATIONS.
XE	EXISTING EXIT SIGN TO REMAIN.		EXISTING	EXISTING	0 W	EXISTING	EXISTING	LOAD FOR EXISTING FIXTURES NOT INCLUDED IN NEW LOAD CALCULATIONS.
XF	EXISTING DOWNLIGHT TO REMAIN.		EXISTING	EXISTING	0 W	EXISTING	EXISTING	LOAD FOR EXISTING FIXTURES NOT INCLUDED IN NEW LOAD CALCULATIONS.
XG2	EXISTING PENDANT TO REMAIN.		EXISTING	EXISTING	0 W	EXISTING	EXISTING	LOAD FOR EXISTING FIXTURES NOT INCLUDED IN NEW LOAD CALCULATIONS.
XGA	EXISTING PENDANT TO REMAIN.		EXISTING	EXISTING	0 W	EXISTING	EXISTING	LOAD FOR EXISTING FIXTURES NOT INCLUDED IN NEW LOAD CALCULATIONS.
XH	EXISTING WALL SCONCE TO REMAIN.		EXISTING	EXISTING	0 W	EXISTING	EXISTING	LOAD FOR EXISTING FIXTURES NOT INCLUDED IN NEW LOAD CALCULATIONS.
XJ	EXISTING DOWNLIGHT TO REMAIN.		EXISTING	EXISTING	0 W	EXISTING	EXISTING	LOAD FOR EXISTING FIXTURES NOT INCLUDED IN NEW LOAD CALCULATIONS.
XN2	EXISTING UNDER CABINET FIXTURE TO REMAIN		EXISTING	EXISTING	0 W	EXISTING	EXISTING	LOAD FOR EXISTING FIXTURES NOT INCLUDED IN NEW LOAD CALCULATIONS.
XN4	EXISTING UNDER CABINET FIXTURE TO REMAIN.		EXISTING	EXISTING	0 W	EXISTING	EXISTING	LOAD FOR EXISTING FIXTURES NOT INCLUDED IN NEW LOAD CALCULATIONS.
XR	EXISTING PENDANT TO REMAIN.		EXISTING	EXISTING	0 W	EXISTING	EXISTING	LOAD FOR EXISTING FIXTURES NOT INCLUDED IN NEW LOAD CALCULATIONS.
Y	LIGHT BILLBOARD, LOW COPPER CAST ALUMINUM ALLOY. LED, -20 DEGREE.	CROWN LIGHTING BQFT SERIES	120-277 V	LED 2178 lm 3000K	22 W	CONE REFLECTOR	BRONZE	

E601

1	2	3	4	5	6	7	8	9	10	11																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
<b>EX. Branch Panel: MDP</b> Location: ELEC. EQUIP. 60 Supply From: MDP Mounting: SURFACE Enclosure: NEMA 1  Notes: EXISTING TO REMAIN PANELBOARD.  <table border="1"> <thead> <tr> <th>CKT</th> <th>Circuit Description</th> <th>Cond</th> <th>Wire</th> <th>Trip</th> <th>Poles</th> <th>A</th> <th>B</th> <th>C</th> <th>Poles</th> <th>Trip</th> <th>Wire</th> <th>Cond</th> <th>Circuit Description</th> <th>CKT</th> </tr> </thead> <tbody> <tr><td>1</td><td>NOT USABLE</td><td>--</td><td>--</td><td>--</td><td>3</td><td>33483</td><td></td><td></td><td>3</td><td>2000 A</td><td>--</td><td>--</td><td>[EX/N] MDP-N</td><td>2</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td>29977</td><td></td><td></td><td></td><td></td><td></td><td></td><td>4</td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>20924</td><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td>0</td><td>15816</td><td></td><td></td><td></td><td></td><td></td><td></td><td>8</td></tr> <tr><td>9</td><td>[EX] MDP-SB</td><td>--</td><td>--</td><td>400 A</td><td>3</td><td></td><td>0</td><td>14080</td><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td>13180</td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td>13</td><td></td><td></td><td></td><td></td><td></td><td>8285</td><td>--</td><td></td><td></td><td></td><td></td><td></td><td></td><td>14</td></tr> <tr><td>15</td><td>[EX/N] MDP-C</td><td>--</td><td>--</td><td>400 A</td><td>3</td><td></td><td>9060</td><td>--</td><td></td><td></td><td></td><td></td><td></td><td>16</td></tr> <tr><td>17</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>7975</td><td>--</td><td></td><td></td><td></td><td></td><td>18</td></tr> <tr><td>19</td><td></td><td></td><td></td><td></td><td></td><td>463</td><td>--</td><td></td><td></td><td></td><td></td><td></td><td></td><td>20</td></tr> <tr><td>21</td><td>[EX/N] LSB</td><td>--</td><td>--</td><td>300 A</td><td>3</td><td></td><td>268</td><td>--</td><td></td><td></td><td></td><td></td><td></td><td>22</td></tr> <tr><td>23</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>585</td><td>--</td><td></td><td></td><td></td><td></td><td>24</td></tr> <tr><td>25</td><td></td><td></td><td></td><td></td><td></td><td>--</td><td>--</td><td></td><td></td><td></td><td></td><td></td><td></td><td>26</td></tr> <tr><td>27</td><td>[EX] SPACE</td><td>--</td><td>--</td><td>--</td><td>3</td><td></td><td>--</td><td>--</td><td></td><td></td><td></td><td></td><td></td><td>28</td></tr> <tr><td>29</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>30</td></tr> <tr><td colspan="14">Total Load: 58038 VA 53378 VA 42645 VA</td></tr> <tr><td colspan="14">Total Amps: 497 A 459 A 355 A</td></tr> <tr> <td colspan="5">           Load Classification            HVAC 73049 VA 100.00% 73049 VA            Lighting 8619 VA 125.00% 10773 VA            Other 13808 VA 100.00% 13808 VA            Receptacle 58760 VA 58.51% 34380 VA              Notes:            ONLY NEW/ADDED LOADS ARE SHOWN. REFER TO RECORD DRAWINGS FOR EXISTING LOADS. [EX] DENOTES EXISTING/UNCHANGED. [EX/N] DENOTES EXISTING AND NEW/CHANGED.         </td> <td colspan="5">           A.I.C. Rating: 100 KAIC            Mains Type: MLO            Mains Rating: 3000 A            MCB Rating: N/A         </td> <td colspan="5">           Volts: 208Y/120V            Phases: 3            Wires: 4         </td> <td colspan="5">           A.I.C. 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## SPRINGBROOK NURSING AND REHABILITATION CENTER ADDITION

195 SPRINGBROOK AVE, CLAYTON, NC

### CONSTRUCTION DOCUMENTS

FOR CONSTRUCTION

Revisions

No.	Description	Date
1	DHSR COMMENTS	01/30/26

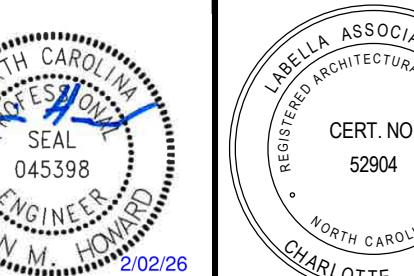
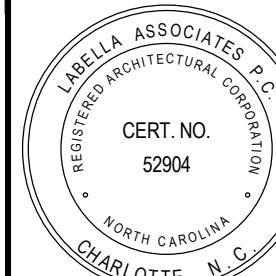
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commission: NH-3138

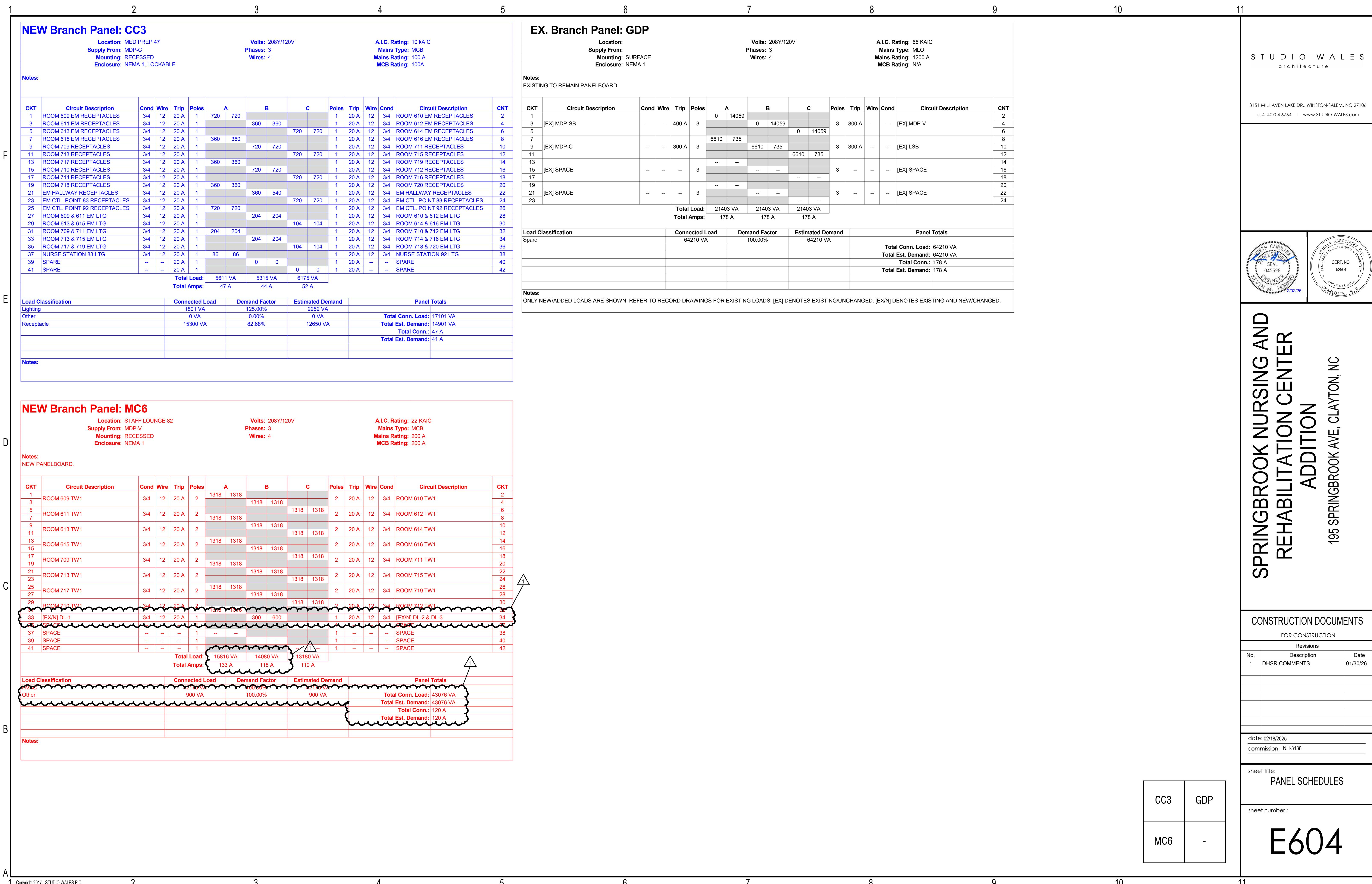
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<b>Branch Panel: CA1</b> Location: STAFF LOUNGE 17 Supply From: MDP-C Mounting: RECESSED Enclosure: NEMA 1, LOCKABLE  <b>Notes:</b> DISCONNECT AND REMOVE EXISTING CA1 PANELBOARD AFTER NEW CA1 PANELBOARD IS INSTALLED. RELOCATE CIRCUITS FROM EXISTING CA1 PANELBOARD TO NEW CA1 PANELBOARD.  <table border="1"> <thead> <tr> <th>CKT</th><th>Circuit Description</th><th>Cond</th><th>Wire</th><th>Trip</th><th>Poles</th><th>A</th><th>B</th><th>C</th><th>Poles</th><th>Trip</th><th>Wire</th><th>Cond</th><th>Circuit Description</th><th>CKT</th></tr> </thead> <tbody> <tr><td>1</td><td>[EX] ROOM 101 RECEPTACLES</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 102+104 RECEPTACLES</td><td>2</td></tr> <tr><td>3</td><td>[EX] ROOM 103 RECEPTACLES</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 106+109 RECEPTACLES</td><td>4</td></tr> <tr><td>5</td><td>[EX] ROOM 101+107 RECEPTACLES</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 106+110 RECEPTACLES</td><td>6</td></tr> <tr><td>7</td><td>[EX] ROOM 201+203 RECEPTACLES</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 202+209 RECEPTACLES</td><td>8</td></tr> <tr><td>9</td><td>[EX] ROOM 204+206 RECEPTACLES</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 207+208 RECEPTACLES</td><td>10</td></tr> <tr><td>11</td><td>[EX] ROOM 205+210 RECEPTACLES</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>12</td></tr> <tr><td>13</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>14</td></tr> <tr><td>15</td><td>[EX/N] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] STAFF STATION RECEPTACLES</td><td>16</td></tr> <tr><td>17</td><td>[EX/N] STAFF LOUNGE FRIDGE</td><td>3/4</td><td>12</td><td>20 A</td><td>1</td><td></td><td>800</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] STAFF STATION RECEPTACLES</td><td>18</td></tr> <tr><td>19</td><td>[EX] REFRIGERATOR RECEPTACLE</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] LIGHTING ROOMS 101-110</td><td>20</td></tr> <tr><td>21</td><td>[EX] ICE MACHINE RECEPTACLE</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] LIGHTING ROOMS 201-210</td><td>22</td></tr> <tr><td>23</td><td>[EX] SERVING KITCHEN LIGHTING</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] MED PREP, STAFF, NOUR. LTG</td><td>24</td></tr> <tr><td>27</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] CORRIDOR RECEPTACLE</td><td>26</td></tr> <tr><td>31</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>28</td></tr> <tr><td>33</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>30</td></tr> <tr><td>35</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>32</td></tr> <tr><td>37</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>34</td></tr> <tr><td>39</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>36</td></tr> <tr><td>41</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>38</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Total Load: 800 VA</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Total Amps: 7 A</td><td></td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Load Classification</th><th>Connected Load</th><th>Demand Factor</th><th>Estimated Demand</th><th>Panel Totals</th></tr> </thead> <tbody> <tr><td>Lighting</td><td>0 VA</td><td>0.00%</td><td>0 VA</td><td></td></tr> <tr><td>Other</td><td>800 VA</td><td>100.00%</td><td>800 VA</td><td></td></tr> <tr><td>Receptacle</td><td>0 VA</td><td>0.00%</td><td>0 VA</td><td></td></tr> <tr><td></td><td><b>Total Conn. Load: 800 VA</b></td><td></td><td><b>Total Est. Demand: 800 VA</b></td><td></td></tr> <tr><td></td><td><b>Total Conn.: 2 A</b></td><td></td><td><b>Total Est. Demand: 2 A</b></td><td></td></tr> </tbody> </table> <b>Notes:</b> ONLY NEW/ADDED LOADS ARE SHOWN. REFER TO RECORD DRAWINGS FOR EXISTING LOADS. [EX] DENOTES EXISTING/UNCHANGED. [EX/N] DENOTES EXISTING AND NEW/CHANGED. *INDICATES PROVIDE GFCI TYPE BREAKER	CKT	Circuit Description	Cond	Wire	Trip	Poles	A	B	C	Poles	Trip	Wire	Cond	Circuit Description	CKT	1	[EX] ROOM 101 RECEPTACLES	--	20 A	1	0	0			1	20 A	--	--	[EX] ROOM 102+104 RECEPTACLES	2	3	[EX] ROOM 103 RECEPTACLES	--	20 A	1		0	0		1	20 A	--	--	[EX] ROOM 106+109 RECEPTACLES	4	5	[EX] ROOM 101+107 RECEPTACLES	--	20 A	1			0	0	1	20 A	--	--	[EX] ROOM 106+110 RECEPTACLES	6	7	[EX] ROOM 201+203 RECEPTACLES	--	20 A	1	0	0			1	20 A	--	--	[EX] ROOM 202+209 RECEPTACLES	8	9	[EX] ROOM 204+206 RECEPTACLES	--	20 A	1		0	0		1	20 A	--	--	[EX] ROOM 207+208 RECEPTACLES	10	11	[EX] ROOM 205+210 RECEPTACLES	--	20 A	1			0	0	1	20 A	--	--	[EX] SPARE	12	13	[EX] SPARE	--	20 A	1	0	0			1	20 A	--	--	[EX] SPARE	14	15	[EX/N] SPARE	--	20 A	1		0	0		1	20 A	--	--	[EX] STAFF STATION RECEPTACLES	16	17	[EX/N] STAFF LOUNGE FRIDGE	3/4	12	20 A	1		800	0	1	20 A	--	--	[EX] STAFF STATION RECEPTACLES	18	19	[EX] REFRIGERATOR RECEPTACLE	--	20 A	1	0	0			1	20 A	--	--	[EX] LIGHTING ROOMS 101-110	20	21	[EX] ICE MACHINE RECEPTACLE	--	20 A	1		0	0		1	20 A	--	--	[EX] LIGHTING ROOMS 201-210	22	23	[EX] SERVING KITCHEN LIGHTING	--	20 A	1			0	0	1	20 A	--	--	[EX] MED PREP, STAFF, NOUR. LTG	24	27	[EX] SPARE	--	20 A	1		0			1	20 A	--	--	[EX] CORRIDOR RECEPTACLE	26	31	[EX] SPARE	--	20 A	1	0	0			1	20 A	--	--	[EX] SPARE	28	33	[EX] SPARE	--	20 A	1		0	0		1	20 A	--	--	[EX] SPARE	30	35	[EX] SPARE	--	20 A	1			0	0	1	20 A	--	--	[EX] SPARE	32	37	[EX] SPARE	--	20 A	1	0	0			1	20 A	--	--	[EX] SPARE	34	39	[EX] SPARE	--	20 A	1		0	0		1	20 A	--	--	[EX] SPARE	36	41	[EX] SPARE	--	20 A	1			0	0	1	20 A	--	--	[EX] SPARE	38														Total Load: 800 VA															Total Amps: 7 A		Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	Lighting	0 VA	0.00%	0 VA		Other	800 VA	100.00%	800 VA		Receptacle	0 VA	0.00%	0 VA			<b>Total Conn. Load: 800 VA</b>		<b>Total Est. Demand: 800 VA</b>			<b>Total Conn.: 2 A</b>		<b>Total Est. Demand: 2 A</b>		<b>Branch Panel: CA2</b> Location: NURSE MANAGER 25 Supply From: MDP-C Mounting: RECESSED Enclosure: NEMA 1, LOCKABLE  <b>Notes:</b> DISCONNECT AND REMOVE EXISTING CA2 PANELBOARD AFTER NEW CA2 PANELBOARD IS INSTALLED. RELOCATE CIRCUITS FROM EXISTING CA2 PANELBOARD TO NEW CA2 PANELBOARD.  <table border="1"> <thead> <tr> <th>CKT</th><th>Circuit Description</th><th>Cond</th><th>Wire</th><th>Trip</th><th>Poles</th><th>A</th><th>B</th><th>C</th><th>Poles</th><th>Trip</th><th>Wire</th><th>Cond</th><th>Circuit Description</th><th>CKT</th></tr> </thead> <tbody> <tr><td>1</td><td>[EX] ROOM 301+309 RECEPTACLES</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 303+305 RECEPTACLES</td><td>2</td></tr> <tr><td>3</td><td>[EX] ROOM 307+308 RECEPTACLES</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 302+304 RECEPTACLES</td><td>4</td></tr> <tr><td>5</td><td>[EX] ROOM 306+310 RECEPTACLES</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 401+403 RECEPTACLES</td><td>6</td></tr> <tr><td>7</td><td>[EX] ROOM 402 RECEPTACLES</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 404+406 RECEPTACLES</td><td>8</td></tr> <tr><td>9</td><td>[EX] ROOM 407+408 RECEPTACLES</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 409 RECEPTACLES</td><td>10</td></tr> <tr><td>11</td><td>[EX/N] SPARE</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 405+410 RECEPTACLES</td><td>12</td></tr> <tr><td>13</td><td>[EX/N] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] REFRIGERATOR RECEPTACLE</td><td>14</td></tr> <tr><td>15</td><td>[EX/N] MED PREP 30 RECEPTACLES</td><td>3/4</td><td>12</td><td>20 A</td><td>1</td><td></td><td>1080</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ICE MACHINE RECEPTACLE</td><td>16</td></tr> <tr><td>17</td><td>[EX/N] MED PREP 30 RECEPTACLES</td><td>3/4</td><td>12</td><td>20 A</td><td>1</td><td></td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] LIGHTING ROOMS 301-310</td><td>18</td></tr> <tr><td>19</td><td>[EX/N] MED PREP 30 RECEPTACLES</td><td>3/4</td><td>12</td><td>20 A</td><td>1</td><td></td><td>500</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] LIGHTING ROOMS 401-410</td><td>20</td></tr> <tr><td>21</td><td>[EX] SERVING KITCHEN LIGHTING</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>383</td><td></td><td>1</td><td>20 A</td><td>12</td><td>3/4</td><td>[EX/N] RM 32 &amp; 34 LIGHTING</td><td>22</td></tr> <tr><td>23</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td></td><td></td><td>0</td><td>20 A</td><td>--</td><td>--</td><td>[EX] CORRIDOR RECEPTACLES</td><td>24</td></tr> <tr><td>25</td><td>[EX] OFFICE RECEPTACLES</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] CORRIDOR RECEPTACLES</td><td>26</td></tr> <tr><td>27</td><td>[EX/N] MED PREP 23 RECEPTACLES</td><td>3/4</td><td>12</td><td>20 A</td><td>1</td><td></td><td>540</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>28</td></tr> <tr><td>29</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td></td><td></td><td>0</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>30</td></tr> <tr><td>31</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>32</td></tr> <tr><td>33</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>34</td></tr> <tr><td>35</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>36</td></tr> <tr><td>37</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>38</td></tr> <tr><td>39</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>40</td></tr> <tr><td>41</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>42</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Total Load: 1580 VA</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Total Amps: 15 A</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Total Conn.: 16 A</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Total Est. Demand: 4 A</td><td></td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Load Classification</th><th>Connected Load</th><th>Demand Factor</th><th>Estimated Demand</th><th>Panel Totals</th></tr> </thead> <tbody> <tr><td>Lighting</td><td>383 VA</td><td>125.00%</td><td>479 VA</td><td></td></tr> <tr><td>Other</td><td>0 VA</td><td>0.00%</td><td>0 VA</td><td></td></tr> <tr><td>Receptacle</td><td>3520 VA</td><td>100.00%</td><td>3520 VA</td><td></td></tr> <tr><td></td><td><b>Total Conn. Load: 3886 VA</b></td><td></td><td><b>Total Est. Demand: 3978 VA</b></td><td></td></tr> <tr><td></td><td><b>Total Conn.: 11 A</b></td><td></td><td><b>Total Est. Demand: 11 A</b></td><td></td></tr> </tbody> </table> <b>Notes:</b> ONLY NEW/ADDED LOADS ARE SHOWN. REFER TO RECORD DRAWINGS FOR EXISTING LOADS. [EX] DENOTES EXISTING/UNCHANGED. [EX/N] DENOTES EXISTING AND NEW/CHANGED.	CKT	Circuit Description	Cond	Wire	Trip	Poles	A	B	C	Poles	Trip	Wire	Cond	Circuit Description	CKT	1	[EX] ROOM 301+309 RECEPTACLES	--	20 A	1	0	0			1	20 A	--	--	[EX] ROOM 303+305 RECEPTACLES	2	3	[EX] ROOM 307+308 RECEPTACLES	--	20 A	1		0	0		1	20 A	--	--	[EX] ROOM 302+304 RECEPTACLES	4	5	[EX] ROOM 306+310 RECEPTACLES	--	20 A	1			0	0	1	20 A	--	--	[EX] ROOM 401+403 RECEPTACLES	6	7	[EX] ROOM 402 RECEPTACLES	--	20 A	1	0	0			1	20 A	--	--	[EX] ROOM 404+406 RECEPTACLES	8	9	[EX] ROOM 407+408 RECEPTACLES	--	20 A	1		0	0		1	20 A	--	--	[EX] ROOM 409 RECEPTACLES	10	11	[EX/N] SPARE	--	20 A	1	0	0			1	20 A	--	--	[EX] ROOM 405+410 RECEPTACLES	12	13	[EX/N] SPARE	--	20 A	1		0	0		1	20 A	--	--	[EX] REFRIGERATOR RECEPTACLE	14	15	[EX/N] MED PREP 30 RECEPTACLES	3/4	12	20 A	1		1080	0	1	20 A	--	--	[EX] ICE MACHINE RECEPTACLE	16	17	[EX/N] MED PREP 30 RECEPTACLES	3/4	12	20 A	1				1	20 A	--	--	[EX] LIGHTING ROOMS 301-310	18	19	[EX/N] MED PREP 30 RECEPTACLES	3/4	12	20 A	1		500	0	1	20 A	--	--	[EX] LIGHTING ROOMS 401-410	20	21	[EX] SERVING KITCHEN LIGHTING	--	20 A	1			383		1	20 A	12	3/4	[EX/N] RM 32 & 34 LIGHTING	22	23	[EX] SPARE	--	20 A	1					0	20 A	--	--	[EX] CORRIDOR RECEPTACLES	24	25	[EX] OFFICE RECEPTACLES	--	20 A	1	0	0			1	20 A	--	--	[EX] CORRIDOR RECEPTACLES	26	27	[EX/N] MED PREP 23 RECEPTACLES	3/4	12	20 A	1		540	0	1	20 A	--	--	[EX] SPARE	28	29	[EX] SPARE	--	20 A	1					0	20 A	--	--	[EX] SPARE	30	31	[EX] SPARE	--	20 A	1	0	0			1	20 A	--	--	[EX] SPARE	32	33	[EX] SPARE	--	20 A	1		0	0		1	20 A	--	--	[EX] SPARE	34	35	[EX] SPARE	--	20 A	1			0	0	1	20 A	--	--	[EX] SPARE	36	37	[EX] SPARE	--	20 A	1	0	0			1	20 A	--	--	[EX] SPARE	38	39	[EX] SPARE	--	20 A	1		0	0		1	20 A	--	--	[EX] SPARE	40	41	[EX] SPARE	--	20 A	1			0	0	1	20 A	--	--	[EX] SPARE	42														Total Load: 1580 VA															Total Amps: 15 A															Total Conn.: 16 A															Total Est. Demand: 4 A		Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	Lighting	383 VA	125.00%	479 VA		Other	0 VA	0.00%	0 VA		Receptacle	3520 VA	100.00%	3520 VA			<b>Total Conn. Load: 3886 VA</b>		<b>Total Est. Demand: 3978 VA</b>			<b>Total Conn.: 11 A</b>		<b>Total Est. Demand: 11 A</b>		<b>STUDIO WALES</b> architecture 3151 MILHAVEN LAKE DR., WINSTON-SALEM, NC 27106 p. 314.704.6744   www.STUDIO-WALES.com
CKT	Circuit Description	Cond	Wire	Trip	Poles	A	B	C	Poles	Trip	Wire	Cond	Circuit Description	CKT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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 	<b>SPRINGBROOK NURSING AND REHABILITATION CENTER ADDITION</b> 195 SPRINGBROOK AVE, CLAYTON, NC	<b>CONSTRUCTION DOCUMENTS</b> FOR CONSTRUCTION Revisions No. Description Date 1 DHSR COMMENTS 01/30/26  Load Classification Connected Load Demand Factor Estimated Demand Panel Totals Lighting 204 VA 125.00% 255 VA Other 0 VA 0.00% 0 VA Total Conn. Load: 3534 VA Total Est. Demand: 3583 VA Total Conn.: 10 A Total Est. Demand: 10 A  Notes: ONLY NEW/ADDED LOADS ARE SHOWN. REFER TO RECORD DRAWINGS FOR EXISTING LOADS. [EX] DENOTES EXISTING/UNCHANGED. [EX/N] DENOTES EXISTING AND NEW/CHANGED.  date: 02/18/2025 commission: NH-3138  sheet title: PANEL SCHEDULES sheet number: E603																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												





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<b>EX. Branch Panel: NA4</b> <p>Location: NURSE MANAGER 25 Supply From: NA3 Mounting: EXISTING Enclosure: EXISTING</p> <p>Volts: 208Y/120V Phases: 3 Wires: 4</p> <p>A.I.C. Rating: 10 KAIC Mains Type: MLO Mains Rating: 100 A MCB Rating: N/A</p> <p>Notes: EXISTING TO REMAIN PANELBOARD.</p> <table border="1"> <thead> <tr> <th>CKT</th><th>Circuit Description</th><th>Cond</th><th>Wire</th><th>Trip</th><th>Poles</th><th>A</th><th>B</th><th>C</th><th>Poles</th><th>Trip</th><th>Wire</th><th>Cond</th><th>Circuit Description</th><th>CKT</th></tr> </thead> <tbody> <tr><td>1</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>[EX] SERVING KITCHEN GEN REC</td><td>2</td></tr> <tr><td>3</td><td>[EX] WARMIGN CABINET RECEP</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>[EX] SPARE</td><td>4</td></tr> <tr><td>5</td><td>[EX] MICROWAVE RECEPACLE</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>[EX] WARMING CABINET...</td><td>6</td></tr> <tr><td>7</td><td>[EX] LIVING AREA RECEPACTLES</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>[EX] TOASTER RECEPACLE</td><td>8</td></tr> <tr><td>9</td><td>[EX] LIVING AREA TELEVISION</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>2</td><td>20 A</td><td>--</td><td>[EX] FOOD WELL WARMER</td><td>10</td></tr> <tr><td>11</td><td>[EX] CORRIDOR RECEPACTLES</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>[EX] SPARE</td><td>12</td></tr> <tr><td>13</td><td>[EXN] NURSE STATION OFFICE REC</td><td>3/4</td><td>12</td><td>20 A</td><td>1</td><td>720</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>[EX] FAMILY ROOM 16 RECEP</td><td>14</td></tr> <tr><td>15</td><td>[EX] OFFICE 14+15 RECEPACTLES</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>[EX] LIVING AREA RECEPACTLES</td><td>16</td></tr> <tr><td>17</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>[EX] LIVING AREA FIRE PLACE</td><td>18</td></tr> <tr><td>19</td><td>[EX] PATIO RECEPACTLES</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>720</td><td></td><td></td><td>1</td><td>20 A</td><td>12</td><td>[EXN] ROOM 29, 29A, 31 RECEPS</td><td>20</td></tr> <tr><td>21</td><td>[EX] LIVING AREA LIGHTING</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>[EX] OFFICE 26+27 RECEPACTLES</td><td>22</td></tr> <tr><td>23</td><td>[EX] SERVING KITCHEN LIGHTING</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>[EX] ELECTRIC WATER COOLER</td><td>24</td></tr> <tr><td>25</td><td>[EX] SERVING KITCHEN LIGHTING</td><td>--</td><td>20 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RECEP</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>[EX] LIVING AREA TELEVISION</td><td>36</td></tr> <tr><td>37</td><td>[EX] LIVING AREA 35 RECEP</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>720</td><td></td><td></td><td>1</td><td>20 A</td><td>12</td><td>[EXN] CLEAN UTILITY/LINEN 32 REC</td><td>38</td></tr> <tr><td>39</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>540</td><td>1</td><td>20 A</td><td>12</td><td>[EXN] SOILED UTILITY/LINEN 34 REC</td><td>40</td></tr> <tr><td>41</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>[EX] SPARE</td><td>42</td></tr> <tr><td colspan="4">Total Load:</td><td>2160 VA</td><td>540 VA</td><td>0 VA</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td colspan="4">Total Amps:</td><td>19 A</td><td>5 A</td><td>0 A</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody></table> <p>Notes: ONLY NEW/ADDED LOADS ARE SHOWN. 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[EXN] DENOTES EXISTING AND NEW/CHANGED.</p>	CKT	Circuit Description	Cond	Wire	Trip	Poles	A	B	C	Poles	Trip	Wire	Cond	Circuit Description	CKT	1	[EX] SPARE	--	20 A	1	0	0			1	20 A	--	[EX] SERVING KITCHEN GEN REC	2	3	[EX] WARMIGN CABINET RECEP	--	20 A	1			0	0	1	20 A	--	[EX] SPARE	4	5	[EX] MICROWAVE RECEPACLE	--	20 A	1					1	20 A	--	[EX] WARMING CABINET...	6	7	[EX] LIVING AREA RECEPACTLES	--	20 A	1	0	0			1	20 A	--	[EX] TOASTER RECEPACLE	8	9	[EX] LIVING AREA TELEVISION	--	20 A	1			0	0	2	20 A	--	[EX] FOOD WELL WARMER	10	11	[EX] CORRIDOR RECEPACTLES	--	20 A	1				0	0	1	20 A	--	[EX] SPARE	12	13	[EXN] NURSE STATION OFFICE REC	3/4	12	20 A	1	720	0		1	20 A	--	[EX] FAMILY ROOM 16 RECEP	14	15	[EX] OFFICE 14+15 RECEPACTLES	--	20 A	1			0	0	1	20 A	--	[EX] LIVING AREA RECEPACTLES	16	17	[EX] SPARE	--	20 A	1				0	0	1	20 A	--	[EX] LIVING AREA FIRE PLACE	18	19	[EX] PATIO RECEPACTLES	--	20 A	1	0	720			1	20 A	12	[EXN] ROOM 29, 29A, 31 RECEPS	20	21	[EX] LIVING AREA LIGHTING	--	20 A	1			0	0	1	20 A	--	[EX] OFFICE 26+27 RECEPACTLES	22	23	[EX] SERVING KITCHEN LIGHTING	--	20 A	1				0	0	1	20 A	--	[EX] ELECTRIC WATER COOLER	24	25	[EX] SERVING KITCHEN LIGHTING	--	20 A	1	0	0			1	20 A	--	[EX] CHAPEL 13 RECEPACTLES	26	27	[EX] LIVING AREA LIGHTING	--	20 A	1			0	0	1	20 A	--	[EX] SPARE	28	29	[EX] ATTIC LIGHTING AND RECEP	--	20 A	1				0	0	1	20 A	--	[EX] WHIRLPOOL	30	31	[EX] ATTIC LIGHTING AND RECEP	--	20 A	1	0	0			1	20 A	--	[EX] BATH 33 AND JAN 28 RECEP	32	33	[EX] RH1	--	20 A	1			0	0	1	20 A	--	[EX] LIVING AREA FIRE PLACE	34	35	[EX] LIVING AREA 35B RECEP	--	20 A	1				0	0	1	20 A	--	[EX] LIVING AREA TELEVISION	36	37	[EX] LIVING AREA 35 RECEP	--	20 A	1	0	720			1	20 A	12	[EXN] CLEAN UTILITY/LINEN 32 REC	38	39	[EX] SPARE	--	20 A	1			0	540	1	20 A	12	[EXN] SOILED UTILITY/LINEN 34 REC	40	41	[EX] SPARE	--	20 A	1			0	0	1	20 A	--	[EX] SPARE	42	Total Load:				2160 VA	540 VA	0 VA							Total Amps:				19 A	5 A	0 A							<b>EX. Branch Panel: NB1</b> <p>Location: CORRIDOR 90A Supply From: MDP-N Mounting: EXISTING Enclosure: EXISTING</p> <p>Volts: 208Y/120V Phases: 3 Wires: 4</p> <p>A.I.C. Rating: 22 KAIC Mains Type: MLO Mains Rating: 200 A MCB Rating: N/A</p> <p>Notes: EXISTING TO REMAIN PANELBOARD.</p> <table border="1"> <thead> <tr> <th>CKT</th><th>Circuit Description</th><th>Cond</th><th>Wire</th><th>Trip</th><th>Poles</th><th>A</th><th>B</th><th>C</th><th>Poles</th><th>Trip</th><th>Wire</th><th>Cond</th><th>Circuit Description</th><th>CKT</th></tr> </thead> <tbody> <tr><td>1</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>2</td><td>25 A</td><td>--</td><td>[EX] HP03-IDU</td><td>2</td></tr> <tr><td>3</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] SPARE</td><td>4</td></tr> <tr><td>5</td><td>[EX] SPARE</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td>[EX] SPARE</td><td>6</td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] SPARE</td><td>8</td></tr> <tr><td>9</td><td>[EX] WASHER</td><td>--</td><td>30 A</td><td>3</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] WASHER (100LB)</td><td>10</td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] DRYER</td><td>12</td></tr> <tr><td>13</td><td>[EXN] LIGHTING 54,55,63,64</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>2</td><td>15 A</td><td>--</td><td>[EX] DRYER</td><td>14</td></tr> <tr><td>15</td><td>[EX] LIGHTING 52,61,60,57,59,58</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] DRYER (120LB)</td><td>16</td></tr> <tr><td>17</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] DRYER</td><td>18</td></tr> <tr><td>19</td><td>[EX] HP30-IDU</td><td>--</td><td>35 A</td><td>3</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>25 A</td><td>--</td><td>[EX] ERV19</td><td>20</td></tr> <tr><td>21</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] FAN F2</td><td>22</td></tr> <tr><td>23</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td>[EX] FAN DW1</td><td>24</td></tr> <tr><td>25</td><td>[EX] HP31-IDU</td><td>--</td><td>45 A</td><td>3</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>15 A</td><td>--</td><td>[EX] FAN F3</td><td>26</td></tr> <tr><td>27</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] FAN F1</td><td>28</td></tr> <tr><td>29</td><td>[EX] HP06-IDU</td><td>--</td><td>25 A</td><td>2</td><td>0</td><td>0</td><td></td><td></td><td>3</td><td>30 A</td><td>--</td><td>[EX] HP04-IDU</td><td>30</td></tr> <tr><td>31</td><td>[EX] HP05-IDU</td><td>--</td><td>25 A</td><td>2</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] SPARE</td><td>32</td></tr> <tr><td>33</td><td>[EX] RM 701, 703, 705, 706</td><td>--</td><td>25 A</td><td>2</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] SPARE</td><td>34</td></tr> <tr><td>35</td><td>[EX] RM 701, 803, 805, 807, 809, 810</td><td>--</td><td>25 A</td><td>2</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] SPARE</td><td>36</td></tr> <tr><td>37</td><td>[EX] RM 702, 704, 706, 708</td><td>--</td><td>25 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>[EX] RM 702, 704, 708 TOILET REC</td><td>24</td></tr> <tr><td>39</td><td>[EX] RM 701, 802, 804, 806, 808, 810</td><td>--</td><td>25 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] RM 701, 802, 804, 806, 808, 810</td><td>26</td></tr> <tr><td>41</td><td>[EX] RM 703, 805, 807, 809, 811</td><td>--</td><td>25 A</td><td>2</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] RM 703, 805, 807, 809, 811</td><td>28</td></tr> <tr><td>43</td><td>[EX] RM 704, 806, 808, 810</td><td>--</td><td>25 A</td><td>2</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>[EX] SPARE</td><td>30</td></tr> <tr><td>45</td><td>[EX] RM 705, 807, 809, 811</td><td>--</td><td>25 A</td><td>2</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] SPARE</td><td>32</td></tr> <tr><td>47</td><td>[EX] RM 706, 808, 810</td><td>--</td><td>25 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] SPARE</td><td>34</td></tr> <tr><td>49</td><td>[EX] RM 707, 809, 811</td><td>--</td><td>25 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>[EX] SPARE</td><td>36</td></tr> <tr><td>51</td><td>[EX] RM 708, 810, 812</td><td>--</td><td>25 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] SPARE</td><td>38</td></tr> <tr><td>53</td><td>[EX] RM 709, 811, 813</td><td>--</td><td>25 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>[EX] SPARE</td><td>40</td></tr> <tr><td colspan="4">Total Load:</td><td>0 VA</td><td>0 VA</td><td>0 VA</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td colspan="4">Total Amps:</td><td>0 A</td><td>0 A</td><td>0 A</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody></table> <p>Notes: ONLY NEW/ADDED LOADS ARE SHOWN. REFER TO RECORD DRAWINGS FOR EXISTING LOADS. [EX] DENOTES EXISTING/UNCHANGED. [EXN] DENOTES EXISTING AND NEW/CHANGED.</p>	CKT	Circuit Description	Cond	Wire	Trip	Poles	A	B	C	Poles	Trip	Wire	Cond	Circuit Description	CKT	1	[EX] SPARE	--	20 A	1	0	0			2	25 A	--	[EX] HP03-IDU	2	3	[EX] SPARE	--	20 A	1			0	0					[EX] SPARE	4	5	[EX] SPARE	--	20 A	1				0	0				[EX] SPARE	6	7							0	0					[EX] SPARE	8	9	[EX] WASHER	--	30 A	3			0	0					[EX] WASHER (100LB)	10	11							0	0					[EX] DRYER	12	13	[EXN] LIGHTING 54,55,63,64	--	20 A	1	0	0			2	15 A	--	[EX] DRYER	14	15	[EX] LIGHTING 52,61,60,57,59,58	--	20 A	1			0	0					[EX] DRYER (120LB)	16	17							0	0					[EX] DRYER	18	19	[EX] HP30-IDU	--	35 A	3	0	0			1	25 A	--	[EX] ERV19	20	21							0	0					[EX] FAN F2	22	23								0	0				[EX] FAN DW1	24	25	[EX] HP31-IDU	--	45 A	3	0	0			1	15 A	--	[EX] FAN F3	26	27							0	0					[EX] FAN F1	28	29	[EX] HP06-IDU	--	25 A	2	0	0			3	30 A	--	[EX] HP04-IDU	30	31	[EX] HP05-IDU	--	25 A	2			0	0					[EX] SPARE	32	33	[EX] RM 701, 703, 705, 706	--	25 A	2			0	0					[EX] SPARE	34	35	[EX] RM 701, 803, 805, 807, 809, 810	--	25 A	2			0	0					[EX] SPARE	36	37	[EX] RM 702, 704, 706, 708	--	25 A	1	0	0			1	20 A	--	[EX] RM 702, 704, 708 TOILET REC	24	39	[EX] RM 701, 802, 804, 806, 808, 810	--	25 A	1			0	0					[EX] RM 701, 802, 804, 806, 808, 810	26	41	[EX] RM 703, 805, 807, 809, 811	--	25 A	2			0	0					[EX] RM 703, 805, 807, 809, 811	28	43	[EX] RM 704, 806, 808, 810	--	25 A	2	0	0			1	20 A	--	[EX] SPARE	30	45	[EX] RM 705, 807, 809, 811	--	25 A	2			0	0					[EX] SPARE	32	47	[EX] RM 706, 808, 810	--	25 A	1			0	0					[EX] SPARE	34	49	[EX] RM 707, 809, 811	--	25 A	1	0	0			1	20 A	--	[EX] SPARE	36	51	[EX] RM 708, 810, 812	--	25 A	1			0	0					[EX] SPARE	38	53	[EX] RM 709, 811, 813	--	25 A	1			0	0					[EX] SPARE	40	Total Load:				0 VA	0 VA	0 VA							Total Amps:				0 A	0 A	0 A							<b>EX. Branch Panel: NB2</b> <p>Location: STAFF LOUNGE 82 Supply From: MDP-N Mounting: RECESSED Enclosure: NEMA 1, LOCKABLE</p> <p>Volts: 208Y/120V Phases: 3 Wires: 4</p> <p>A.I.C. Rating: 22 KAIC Mains Type: MCB Mains Rating: 200 A MCB Rating: 200 A</p> <p>Notes: DISCONNECT AND REMOVE EXISTING NC1 PANELBOARD AFTER NEW NC1 PANELBOARD IS INSTALLED. RELOCATE CIRCUITS FROM EXISTING NC1 PANELBOARD TO NEW NC1 PANELBOARD.</p> <table border="1"> <thead> <tr> <th>CKT</th><th>Circuit Description</th><th>Cond</th><th>Wire</th><th>Trip</th><th>Poles</th><th>A</th><th>B</th><th>C</th><th>Poles</th><th>Trip</th><th>Wire</th><th>Cond</th><th>Circuit Description</th><th>CKT</th></tr> </thead> <tbody> <tr><td>1</td><td>[EX] ROOM 701 RECEPACTLES</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>[EX] ROOM 702 RECEPACTLES</td><td>2</td></tr> <tr><td>3</td><td>[EX] ROOM 703 RECEPACTLES</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td>[EX] ROOM 704 RECEPACTLES</td><td>4</td></tr> <tr><td>5</td><td>[EX] ROOM 705 RECEPACTLES</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td>[EX] ROOM 706 RECEPACTLES</td><td>6</td></tr> <tr><td>7</td><td>[EX] ROOM 707 RECEPACTLES</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>[EX] ROOM 708 RECEPACTLES</td><td>8</td></tr> <tr><td>9</td><td>[EX] ROOM 801 RECEPACTLES</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td>[EX] ROOM 802 RECEPACTLES</td><td>10</td></tr> <tr><td>11</td><td>[EX] ROOM 803 RECEPACTLES</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td>[EX] ROOM 804 RECEPACTLES</td><td>12</td></tr> <tr><td>13</td><td>[EX] ROOM 805 RECEPACTLES</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>[EX] ROOM 806 RECEPACTLES</td><td>14</td></tr> <tr><td>15</td><td>[EX] ROOM 807 RECEPACTLES</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td>[EX] ROOM 808 RECEPACTLES</td><td>16</td></tr> <tr><td>17</td><td>[EX] ROOM 809 RECEPACTLES</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td>[EX] ROOM 810 RECEPACTLES</td><td>18</td></tr> <tr><td>19</td><td>[EX] LTG ROOM 701, 703, 705, 706</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>[EX] LTG RM 801, 803, 805, 809, 810</td><td>20</td></tr> <tr><td>21</td><td>[EX] LTG ROOM 702, 704, 706, 708</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td></td>&lt;td</tr></tbody></table>	CKT	Circuit Description	Cond	Wire	Trip	Poles	A	B	C	Poles	Trip	Wire	Cond	Circuit Description	CKT	1	[EX] ROOM 701 RECEPACTLES	--	20 A	1	0	0			1	20 A	--	[EX] ROOM 702 RECEPACTLES	2	3	[EX] ROOM 703 RECEPACTLES	--	20 A	1			0	0				[EX] ROOM 704 RECEPACTLES	4	5	[EX] ROOM 705 RECEPACTLES	--	20 A	1				0	0			[EX] ROOM 706 RECEPACTLES	6	7	[EX] ROOM 707 RECEPACTLES	--	20 A	1	0	0			1	20 A	--	[EX] ROOM 708 RECEPACTLES	8	9	[EX] ROOM 801 RECEPACTLES	--	20 A	1			0	0				[EX] ROOM 802 RECEPACTLES	10	11	[EX] ROOM 803 RECEPACTLES	--	20 A	1				0	0			[EX] ROOM 804 RECEPACTLES	12	13	[EX] ROOM 805 RECEPACTLES	--	20 A	1	0	0			1	20 A	--	[EX] ROOM 806 RECEPACTLES	14	15	[EX] ROOM 807 RECEPACTLES	--	20 A	1			0	0				[EX] ROOM 808 RECEPACTLES	16	17	[EX] ROOM 809 RECEPACTLES	--	20 A	1				0	0			[EX] ROOM 810 RECEPACTLES	18	19	[EX] LTG ROOM 701, 703, 705, 706	--	20 A	1	0	0			1	20 A	--	[EX] LTG RM 801, 803, 805, 809, 810	20	21	[EX] LTG ROOM 702, 704, 706, 708	--	20 A	1			0	0	
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<p><b>Branch Panel: NC2</b></p> <p>Location: STAFF LOUNGE 82 Supply From: NC1 Mounting: RECESSED Enclosure: NEMA 1, LOCKABLE</p> <p>Volts: 208Y/120V Phases: 3 Wires: 4</p> <p>A.I.C. Rating: 10 KAIC Mains Type: MLO Mains Rating: 100 A MCB Rating: N/A</p> <p>Notes: DISCONNECT AND REMOVE EXISTING NC2 PANELBOARD AFTER NEW NC2 PANELBOARD IS INSTALLED. RELOCATE CIRCUITS FROM EXISTING NC2 PANELBOARD TO NEW NC2 PANELBOARD.</p> <table border="1"> <thead> <tr> <th>CKT</th><th>Circuit Description</th><th>Cond</th><th>Wire</th><th>Trip</th><th>Poles</th><th>A</th><th>B</th><th>C</th><th>Poles</th><th>Trip</th><th>Wire</th><th>Cond</th><th>Circuit Description</th><th>CKT</th></tr> </thead> <tbody> <tr><td>1</td><td>[EX] SPARE</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SERVING KITCHEN RECEP</td><td>2</td></tr> <tr><td>3</td><td>[EX] WARMING CABINET RECEP</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>4</td></tr> <tr><td>5</td><td>[EX] LIVING AREA TELEVISION</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] WARMING CABINET RECEP</td><td>6</td></tr> <tr><td>7</td><td>[EX] MICROWAVE RECEPTACLE</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] TOASTER RECEPTACLE</td><td>8</td></tr> <tr><td>9</td><td>[EX] STAFF LOUNGE RECEPTACLES</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td>2</td><td>20 A</td><td>--</td><td>--</td><td>[EX] FOOD WELL WARMER</td><td>10</td></tr> <tr><td>11</td><td>[EX] STAFF LOUNGE RECEPTACLES</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td>13</td><td>[EX] LIVING AREA RECEPTACLES</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] CART/STORAGE RECEPTACLES</td><td>14</td></tr> <tr><td>15</td><td>[EX] CORRIDOR RECEPTACLES</td><td>--</td><td>--</td><td>20 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A</td><td>12</td><td>3/4</td><td>[EX] GENERAL LIGHTING</td><td>24</td></tr> <tr><td>25</td><td>[EX] ATTIC LIGHTING AND RECEPS</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] LIVING AREA LIGHTING</td><td>26</td></tr> <tr><td>27</td><td>[EX] LIVING ROOM TELEVISION</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] LIVING ROOM 77 RECEPTACLES</td><td>28</td></tr> <tr><td>29</td><td>[EX] LIVING ROOM FIRE PLACE</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] LIVING AREA 77B RECEPS</td><td>30</td></tr> <tr><td>31</td><td>[EX] REFRIGERATOR RECEP</td><td>3/4</td><td>12</td><td>20 A</td><td>1</td><td>800</td><td>800</td><td></td><td></td><td>1</td><td>20 A</td><td>12</td><td>3/4</td><td>[EX] TOASTER RECEPTACLE</td><td>32</td></tr> <tr><td>33</td><td>[EX] MICROWAVE RECEPTACLE</td><td>3/4</td><td>12</td><td>20 A</td><td>1</td><td></td><td>1200</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>34</td></tr> <tr><td>35</td><td>[EX] SPARE</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>36</td></tr> <tr><td>37</td><td>[EX] SPARE</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>38</td></tr> <tr><td>39</td><td>[EX] SPARE</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>40</td></tr> <tr><td>41</td><td>[EX] SPARE</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>42</td></tr> <tr><td colspan="4">Total Load:</td><td>2320 VA</td><td></td><td>1200 VA</td><td></td><td>443 VA</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td colspan="4">Total Amps:</td><td>20 A</td><td></td><td>11 A</td><td></td><td>4 A</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td data-bbox="221 1649 2612 2064"> <p>Load Classification</p> <table border="1"> <thead> <tr> <th></th><th>Connected Load</th><th>Demand Factor</th><th>Estimated Demand</th><th>Panel Totals</th></tr> </thead> <tbody> <tr><td>Lighting</td><td>443 VA</td><td>125.00%</td><td>554 VA</td><td></td></tr> <tr><td>Other</td><td>800 VA</td><td>100.00%</td><td>800 VA</td><td>Total Conn. Load: 3943 VA</td></tr> <tr><td>Receptacle</td><td>2720 VA</td><td>100.00%</td><td>2720 VA</td><td>Total Est. Demand: 4050 VA</td></tr> <tr><td></td><td></td><td></td><td></td><td>Total Conn. Load: 11 A</td></tr> <tr><td></td><td></td><td></td><td></td><td>Total Est. Demand: 11 A</td></tr> </tbody> </table> <p>Notes: ONLY NEW/ADDED LOADS ARE SHOWN. REFER TO RECORD DRAWINGS FOR EXISTING LOADS. [EX] DENOTES EXISTING/UNCHANGED. [EX/N] DENOTES EXISTING AND NEW/CHANGED. INDICATES PROVIDE GFCI TYPE BREAKER</p> </td></tr> <tr> <td data-bbox="221 2110 2612 3815"> <p><b>EX. Branch Panel: NC4</b></p> <p>Location: NURSE MANAGER 46 Supply From: NC3 Mounting: EXISTING Enclosure: EXISTING</p> <p>Volts: 208Y/120V Phases: 3 Wires: 4</p> <p>A.I.C. Rating: 10 KAIC Mains Type: MLO Mains Rating: 100 A MCB Rating: N/A</p> <p>Notes: EXISTING TO REMAIN PANELBOARD.</p> <table border="1"> <thead> <tr> <th>CKT</th><th>Circuit Description</th><th>Cond</th><th>Wire</th><th>Trip</th><th>Poles</th><th>A</th><th>B</th><th>C</th><th>Poles</th><th>Trip</th><th>Wire</th><th>Cond</th><th>Circuit Description</th><th>CKT</th></tr> </thead> <tbody> <tr><td>1</td><td>[EX] SPARE</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SERVING KITCHEN RECEP</td><td>2</td></tr> <tr><td>3</td><td>[EX] WARMING CABINET RECEP</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] SPARE</td><td>4</td></tr> <tr><td>5</td><td>[EX] MICROWAVE RECEPTACLE</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] WARMING CABINET RECEP</td><td>6</td></tr> <tr><td>7</td><td>[EX] LIVING AREA RECEPTACLES</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] TOASTER RECEPTACLE</td><td>8</td></tr> <tr><td>9</td><td>[EX] LIVING AREA TELEVISION</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] FOOD WELL WARMER</td><td>10</td></tr> <tr><td>11</td><td>[EX] CORRIDOR RECEPTACLES</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>2</td><td>20 A</td><td>--</td><td>--</td><td>[EX] CORRIDOR RECEPTACLES</td><td>12</td></tr> <tr><td>13</td><td>[EX] LIVING ROOM 76A RECEPS</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] LIVING AREA RECEPTACLES</td><td>14</td></tr> <tr><td>15</td><td>[EX] SOILED UTILITY/LINEN 51 REC</td><td>3/4</td><td>12</td><td>20 A</td><td>1</td><td></td><td>540</td><td>900</td><td></td><td>1</td><td>20 A</td><td>12</td><td>3/4</td><td>[EX] NURSTATION RECEPTACLES</td><td>16</td></tr> <tr><td>17</td><td>[EX] CLEAN UTILITY/LINEN 49 REC</td><td>3/4</td><td>12</td><td>20 A</td><td>1</td><td></td><td></td><td>720</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] TELEVISION RECEPTACLE</td><td>18</td></tr> <tr><td>19</td><td>[EX] SPARE</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>540</td><td></td><td></td><td>1</td><td>20 A</td><td>12</td><td>3/4</td><td>[EX] GENERAL RECEPTACLES</td><td>20</td></tr> <tr><td>21</td><td>[EX] OFFICE 43+44 RECEPTACLES</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] FAMILY ROOM 84 REC</td><td>22</td></tr> <tr><td>23</td><td>[EX] OFFICE 85+86 RECEPTACLES</td><td>--</td><td>--</td><td>20 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REC</td><td>3/4</td><td>12</td><td>20 A</td><td>1</td><td></td><td>540</td><td>900</td><td></td><td>1</td><td>20 A</td><td>12</td><td>3/4</td><td>[EX] NURSTATION RECEPTACLES</td><td>16</td></tr> <tr><td>17</td><td>[EX] CLEAN UTILITY/LINEN 49 REC</td><td>3/4</td><td>12</td><td>20 A</td><td>1</td><td></td><td></td><td>720</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] TELEVISION RECEPTACLE</td><td>18</td></tr> <tr><td>19</td><td>[EX] SPARE</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>540</td><td></td><td></td><td>1</td><td>20 A</td><td>12</td><td>3/4</td><td>[EX] GENERAL RECEPTACLES</td><td>20</td></tr> <tr><td>21</td><td>[EX] OFFICE 43+44 RECEPTACLES</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] FAMILY ROOM 84 REC</td><td>22</td></tr> <tr><td>23</td><td>[EX] OFFICE 85+86 RECEPTACLES</td><td>--</td><td>--</td><td>20 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REC</td><td>3/4</td><td>12</td><td>20 A</td><td>1</td><td></td><td>540</td><td>900</td><td></td><td>1</td><td>20 A</td><td>12</td><td>3/4</td><td>[EX] NURSTATION RECEPTACLES</td><td>16</td></tr> <tr><td>17</td><td>[EX] CLEAN UTILITY/LINEN 49 REC</td><td>3/4</td><td>12</td><td>20 A</td><td>1</td><td></td><td></td><td>720</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] TELEVISION RECEPTACLE</td><td>18</td></tr> <tr><td>19</td><td>[EX] SPARE</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>540</td><td></td><td></td><td>1</td><td>20 A</td><td>12</td><td>3/4</td><td>[EX] GENERAL RECEPTACLES</td><td>20</td></tr> <tr><td>21</td><td>[EX] OFFICE 43+44 RECEPTACLES</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] FAMILY ROOM 84 REC</td><td>22</td></tr> <tr><td>23</td><td>[EX] OFFICE 85+86 RECEPTACLES</td><td>--</td><td>--</td><td>20 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<p><b>EX. Branch Panel: NC3</b></p> <p>Location: NURSE MANAGER 46 Supply From: MDP-N Mounting: EXISTING Enclosure: EXISTING</p> <p>Volts: 208Y/120V Phases: 3 Wires: 4</p> <p>A.I.C. Rating: 10 KAIC Mains Type: MCB Mains Rating: 200 A MCB Rating: 200 A</p> <p>Notes: EXISTING TO REMAIN PANELBOARD.</p> <table border="1"> <thead> <tr> <th>CKT</th><th>Circuit Description</th><th>Cond</th><th>Wire</th><th>Trip</th><th>Poles</th><th>A</th><th>B</th><th>C</th><th>Poles</th><th>Trip</th><th>Wire</th><th>Cond</th><th>Circuit Description</th><th>CKT</th></tr> </thead> <tbody> <tr><td>1</td><td>[EX] ROOM 501 RECEPTACLES</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 502 RECEPTACLES</td><td>2</td></tr> <tr><td>3</td><td>[EX] ROOM 503 RECEPTACLES</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 504 RECEPTACLES</td><td>4</td></tr> <tr><td>5</td><td>[EX] ROOM 505 RECEPTACLES</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 506 RECEPTACLES</td><td>6</td></tr> <tr><td>7</td><td>[EX] ROOM 507 RECEPTACLES</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td>0</td><td>0</td><td></td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 508 RECEPTACLES</td><td>8</td></tr> <tr><td>9</td><td>[EX] ROOM 509 RECEPTACLES</td><td>--</td><td>--</td><td>20 A</td><td>1</td><td></td><td></td><td>0</td><td>0</td><td>1</td><td>20 A</td><td>--</td><td>--</td><td>[EX] ROOM 510 RECEPTACLES</td><td>10</td></tr> <tr><td>11</td><td>[EX</td></tr></tbody></table>	CKT	Circuit Description	Cond	Wire	Trip	Poles	A	B	C	Poles	Trip	Wire	Cond	Circuit Description	CKT	1	[EX] ROOM 501 RECEPTACLES	--	--	20 A	1	0	0		1	20 A	--	--	[EX] ROOM 502 RECEPTACLES	2	3	[EX] ROOM 503 RECEPTACLES	--	--	20 A	1			0	0	1	20 A	--	--	[EX] ROOM 504 RECEPTACLES	4	5	[EX] ROOM 505 RECEPTACLES	--	--	20 A	1			0	0	1	20 A	--	--	[EX] ROOM 506 RECEPTACLES	6	7	[EX] ROOM 507 RECEPTACLES	--	--	20 A	1	0	0		1	20 A	--	--	[EX] ROOM 508 RECEPTACLES	8	9	[EX] ROOM 509 RECEPTACLES	--	--	20 A	1			0	0	1	20 A	--	--	[EX] ROOM 510 RECEPTACLES	10	11	[EX																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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