

| ELECTRICAL NOTES | |
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| 1 | ALL WORK SHALL BE DONE AS PER LOCAL ELECTRICAL CODE REQUIREMENTS. |
| 2 | THE ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AT THE PROJECT SITE BEFORE SUBMITTING BID. |
| 3 | THE ELECTRICAL CONTRACTOR SHALL PAY ALL FEES, PROVIDE NECESSARY DOCUMENTS AND LICENSES AND OBTAIN THE REQUIRED PERMITS. |
| 4 | THE ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL MATERIALS, DEVICES, EQUIPMENT, WORKMANSHIP AND THE SUCCESSFUL OPERATION OF ALL SYSTEMS AND APPARATUS INSTALLED FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE, WITHOUT COST TO THE OWNER. |
| 5 | THE ELECTRICAL CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, SCAFFOLDING, RIGGING AND LABOR NECESSARY FOR A COMPLETE AND WORKING ELECTRICAL SYSTEM THROUGH-OUT AND IN ACCORDANCE WITH ALL GOVERNING CODES, THE DRAWINGS, APPROVED SUBMITTALS, OWNER'S REQUIREMENTS AND AS SPECIFIED. |
| 6 | THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL WARRANTIES AND OPERATING INSTRUCTIONS TO THE OWNER PRIOR TO THE FINAL PAYMENT. |
| 7 | THE ELECTRICAL CONTRACTOR SHALL TAKE SUCH PROTECTIVE MEASURES AND PRECAUTIONS AS MAY BE REQUIRED OR NECESSARY TO PREVENT INJURY OR ACCIDENTS TO WORKMEN OR PASSERSBY. PROVIDE GUARD RAILS, FENCES, FLAGGING, LIGHTING, ETC. IN ACCORDANCE WITH THE PARTICULAR CONDITIONS AND O.S.H.A. REQUIREMENTS. |
| 8 | REMOVE ALL DEBRIS FROM THE JOB SITE DAILY AND LEAVE ALL WORK AND EQUIPMENT IN A CLEAN WORKING ORDER. |
| 9 | THE DRAWINGS DO NOT DETAIL ALL FINAL CONNECTIONS TO EQUIPMENT. THE CONTRACTOR SHALL VERIFY SUCH CONNECTIONS AS PER THE MANUFACTURERS' SHOP DRAWINGS AND OTHER REQUIREMENTS. |
| 10 | LAYOUT IS DIAGRAMMATIC AND THE CONTRACTOR SHALL INSTALL EQUIPMENT, WIRING AND ELECTRICAL WORK TO MEET FIELD CONDITIONS, AND SHALL PROVIDE THE SHOP DRAWINGS AS NECESSARY. EXACT LOCATION OF LIGHTING FIXTURES, ELECTRICAL EQUIPMENT AND RECEPTACLES SHALL BE APPROVED BY THE ARCHITECT. VERIFY ALL CONDITIONS, SUCH AS INTERIOR WALL SYSTEMS, ETC. WITH ARCHITECTURAL, STRUCTURAL AND MECHANICAL DRAWINGS AND/OR CONSULT WITH THE ARCHITECT/ENGINEER PRIOR TO ROUGHING-IN FOR ELECTRICAL WORK SUCH AS LIGHTING FIXTURES, OUTLETS, SWITCHES, THERMOSTATS AND OTHER DEVICES TO AVOID FIELD CONFLICTS. |
| 11 | COORDINATE ALL WORK WITH THE OTHER TRADES. MAINTAIN PROPER CLEARANCES AND HEADROOM AT THE EQUIPMENT AND DEVICES FOR INSPECTION AND SERVICE. ALL LIGHTING FIXTURES ARE TO BE LOCATED AS REQUIRED ON THE JOB TO CLEAR DUCTS, PIPING EQUIPMENT AND/OR MECHANICAL EQUIPMENT. |
| 12 | ALL CONDUIT SHALL BE CONCEALED WHERE POSSIBLE. WHEN EXPOSED CONDUIT RUNS ARE NECESSARY, THEY SHALL BE PIPED IN STRAIGHT LINES, PARALLEL AND/OR PARTICULAR TO THE BUILDING CONSTRUCTION. |
| 13 | THE ELECTRICAL CONTRACTOR SHALL INCLUDE ALL MISCELLANEOUS ITEMS REQUIRED TO COMPLETE THE WORK, INCLUDING MOVING AND RIGGING MATERIAL AND EQUIPMENT, ALL HANGERS, SUPPORTS, ANCHORS, EXPANSION MEANS, CONDUIT, WIRE, OUTLET BOXES, FITTINGS AND SLEEVES. |
| 14 | ALL MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SUCH AS APPEAR ON THE UNDERWRITERS LABORATORIES LIST OF APPROVED ITEMS, AND SHALL MEET REQUIREMENTS OF ASTM, IEEE, IPECA, NEC, NEMA, RLM, CBM AND OTHER RECOGNIZED STANDARDS AND SHALL BE SIZED IN CONFORMITY WITH REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND OTHER APPLICABLE CODES, WHICHEVER ARE MORE STRINGENT. |
| 15 | TEMPERATURE CONTROL WIRING SHALL BE FURNISHED BY THE MECHANICAL CONTRACTORS, UNLESS NOTED OTHERWISE. THE ELECTRICAL CONTRACTOR SHALL PROVIDE 120 VOLT POWER SOURCE(S) WHERE REQUIRED FOR THE TEMPERATURE CONTROL CONTRACTOR. |
| 16 | PROVIDE UPDATED TYPEWRITTEN CIRCUIT DIRECTORY AND INSTALL IN STEEL FRAME SECURED TO THE INTERIOR OF PANEL DOOR. LABEL THE CIRCUIT BREAKERS WITH TYPEWRITTEN LABELS. LABEL ELECTRICAL PANELS, CONTROL BOXES, AND OTHER ELECTRICAL DEVICES WITH ENGRAVED LABELS. |
| 17 | PROVIDE POWER WIRING FOR ALL OWNER-FURNISHED APPLIANCES AND EQUIPMENT. |
| 18 | THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL SUBMITTALS TO THE FIRE DEPARTMENT AND ELECTRICAL INSPECTION SERVICES DEPARTMENT. |
| 19 | THE ENGINEER SHALL NOT HAVE CONTROL, OVER OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, SINCE THESE ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY UNDER THE CONTRACT FOR CONSTRUCTION. |
| 20 | THE ENGINEER IS NOT EMPOWERED TO AUTHORIZE OR ISSUE ANY FIELD ORDERS OR TO VERBALLY GIVE DIRECTIONS TO ANY CONTRACTOR WHICH SHALL AFFECT TIME OF COMPLETION OR THE BASE AMOUNT OF THE CONTRACT BETWEEN THE OWNER AND THE CONTRACTOR, OR ANY OTHER MATTERS RELATING TO THE CONSTRUCTION OF THE SYSTEMS IN GENERAL. ENGINEER SHALL ONLY CLARIFY THE INTENT OF THE DOCUMENTS. |
| 21 | EQUIPMENT SHALL BE IDENTIFIED WITH PERMANENT NAMEPLATES AS TO NAME AND/OR FUNCTION. |
| 22 | ALL ELECTRIC WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR SERVICING. HANGERS SHALL INCLUDE ALL MISCELLANEOUS STEEL, SUCH AS CHANNELS, RODS, ETC. NECESSARY FOR THE INSTALLATION OF WORK AND SHALL BE FASTENED TO STEEL, CONCRETE OR MASONRY, BUT NOT TO PIPING. ALL CONDUIT SHALL BE CONCEALED WHERE POSSIBLE. EXPOSED CONDUITS SHALL BE IN STRAIGHT LINES PARALLEL WITH OR AT RIGHT ANGLES TO COLUMN LINES OR BEAMS. |
| 23 | ALL TEMPORARY WIRING AND/OR ABANDONED WIRING SHALL BE REMOVED FROM THE PREMISES. |
| 24 | MINIMUM SIZES OF CONDUITS ARE SHOWN AND SHALL 1/2 INCH FOR ALL OTHER APPLICATIONS. ELECTRIC METALLIC TUBING ("EMT") SHALL BE GALVANIZED OR ELECTROGALVANIZED. FITTINGS SHALL BE OF THE COMPRESSION TYPE. PROVIDE GREEN GROUND WIRE IN FEEDERS. EMT MAY BE USED FOR FEEDERS AND BRANCH CIRCUITS RUN ABOVE SUSPENDED CEILINGS OR CONCEALED IN INTERIOR PARTITIONS 1/2 INCH MINIMUM SIZE. |
| 25 | OUTLETS BOXES SHALL BE STEEL, GALVANIZED OR SHERARDIZED, SIZES 4 AND 4-1/16 INCH, WITH FIXTURE STUDS, AS REQUIRED. FLUSH DEVICE BOXES WITH METAL COVER PLATES SHALL BE FINISHED TO MATCH ADJACENT HARDWARE FOR CONCEALED USE. |
| 26 | ALL CONDUCTORS SHALL BE SOFT DRAWN ANNEALED COPPER, #12 AND SMALLER, SOLID WITH SINGLE BRAID; #10 AND LARGER, STRANDED, WITH AT LEAST DOUBLE BRAID. TYPE RH-W, THW, THHN, OR THHW FOR FEEDERS AND BRANCH CIRCUITS #12 AWG MINIMUM SIZE. TYPE AF (300 VOLT INSULATION) FLEXIBLE, BUNCH STRANDED FOR REMOTE BALLAST WIRING. ALUMINUM CONDUCTORS ARE NOT PERMITTED. |
| 27 | ELECTRICAL CONTRACTOR MUST VERIFY EXISTING CIRCUITS & CONNECTED LOADS ON ALL PANELBOARDS; REFER TO EXISTING PANEL SCHEDULES, AS-BUILT DRAWINGS AND FIELD CONDITIONS. DOCUMENT EXISTING, MODIFIED, ABANDONED AND NEW CIRCUITS ON PANELBOARD SCHEDULES. |
| 28 | ELECTRICAL CONTRACTOR MUST VERIFY ALL MECHANICAL (HVAC) POWER AND CONTROL REQUIREMENTS FOR THESE TRADES' DESIGN DRAWINGS AND CONTRACTORS. |

POWER SCOPE OF WORK:

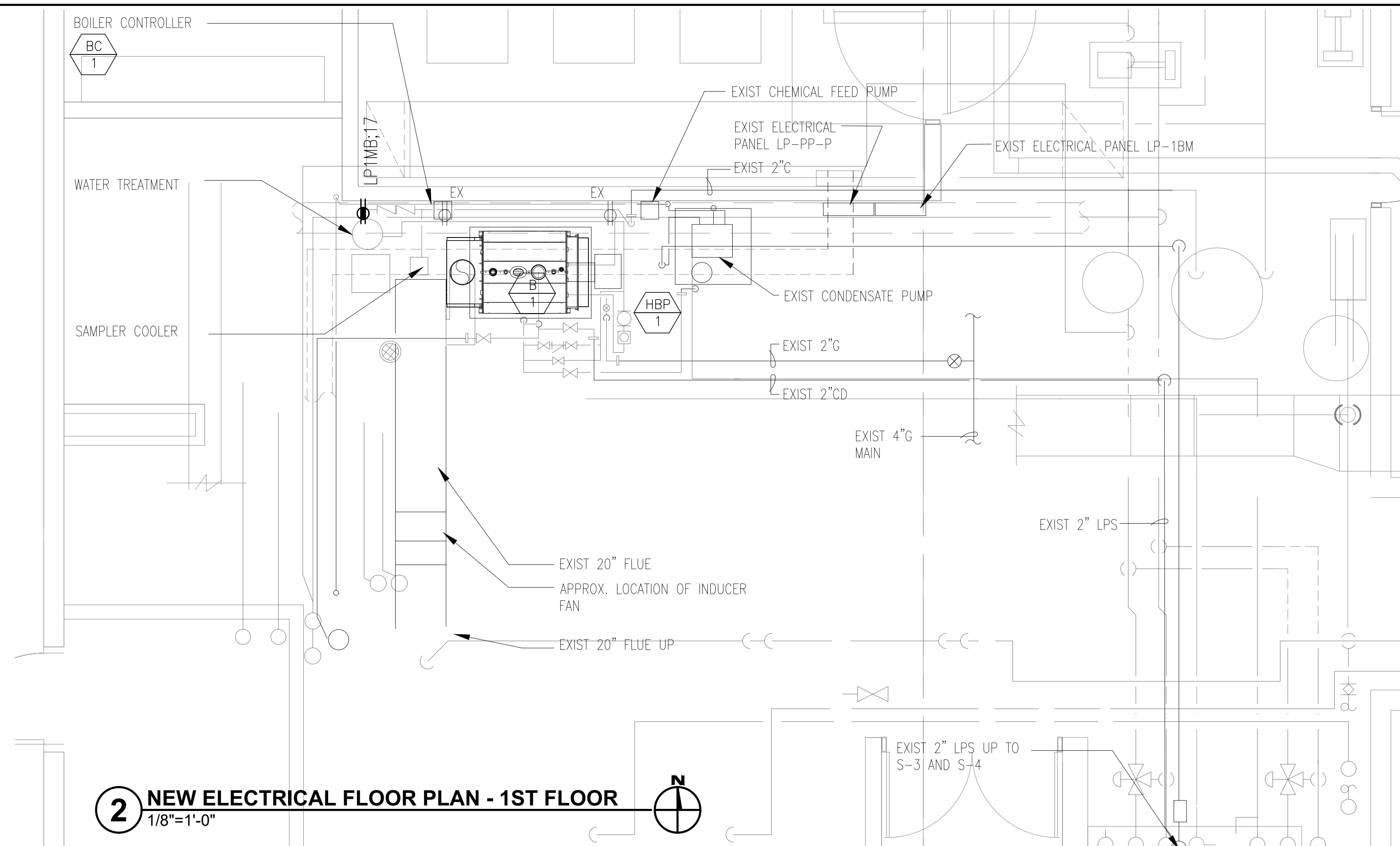
- FURNISH AND INSTALL NEW POWER CONNECTIONS INCLUDING BUT NOT LIMITED TO RACEWAY, CONDUCTORS, AND REQUIRED EQUIPMENT DISCONNECTS FROM NEW EQUIPMENT TO NEW POWER DISTRIBUTION EQUIPMENT.
- FURNISH AND INSTALL NEW POWER CONNECTIONS INCLUDING BUT NOT LIMITED TO RACEWAY, CONDUCTORS, TO NEW RECEPTACLES.

GENERAL POWER DEMOLITION NOTES:

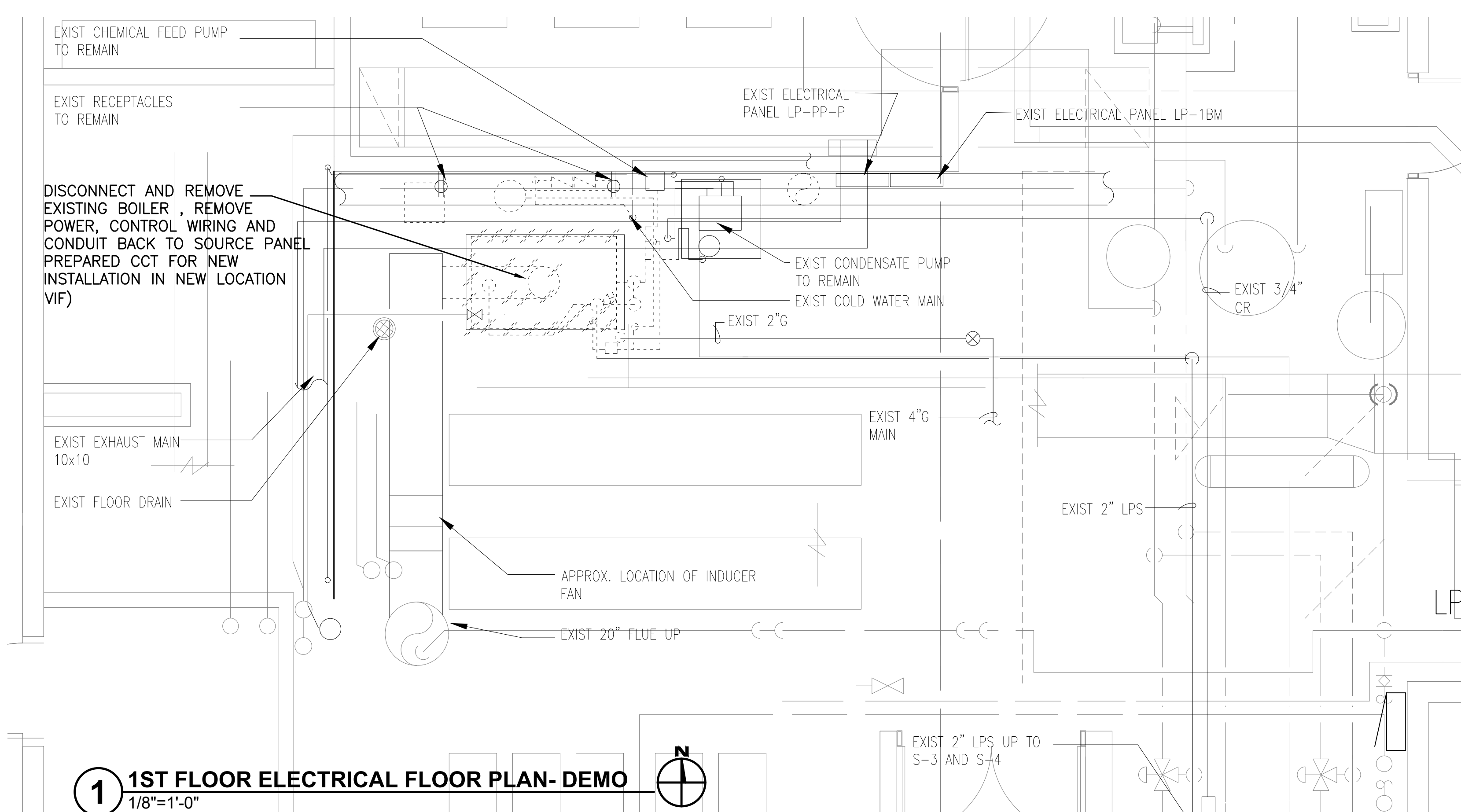
- ELECTRICAL CONTRACTOR TO VERIFY ALL EXISTING POWER DISTRIBUTION, CIRCUITING, SWITCHING, AND REWIRE AS REQUIRED TO MAINTAIN SYSTEMS/AREAS NOT AFFECTED BY NEW WORK OPERATIONAL; INCLUDING , BUT NOT LIMITED TO OUTDOOR POWER.
- ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED.
- ALL WIRING, CABLES, FEEDERS, DEVICES, AND RACEWAY CONNECTED TO EQUIPMENT AND DEVICES SCHEDULED TO BE DEMOLISHED SHALL BE REMOVED BACK TO THEIR SOURCE UNLESS.
- ALL ABANDONED EXISTING RACEWAY SHALL BE REMOVED.
- EQUIPMENT REMOVED AND NOT SCHEDULED TO BE RELOCATED SHALL BE OFFERED TO THE OWNER FOR REUSE. THE ELECTRICAL CONTRACTOR SHALL DELIVER ITEMS ACCEPTED BY THE OWNER TO THE DESIGNATED LOCATION AS DIRECTED BY THE OWNER. ITEMS NOT ACCEPTED SHALL BE DISPOSED OF FROM SITE.

GENERAL POWER NOTE:

- CIRCUIT NUMBERS SHOWN REPRESENT INTENT AND ARE FOR REFERENCE USE ONLY.
- ELECTRICAL CONTRACTOR TO VERIFY AND INSTALL ALL NEW ELECTRICAL EQUIPMENT SO AS TO MAINTAIN REQUIRED ACCESS AND WORKING SPACE CLEARANCES. COORDINATE REQUIREMENTS WITH ACTUAL EQUIPMENT.
- VERIFY ALL POWER REQUIREMENTS IN PROJECT SPACES WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.



2 NEW ELECTRICAL FLOOR PLAN - 1ST FLOOR
1/8"=1'-0"



1 1ST FLOOR ELECTRICAL FLOOR PLAN- DEMO
1/8"=1'-0"

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SHEET TITLE:
ELECTRICAL FLOOR PLANS

SHEET NUMBER:
E1.1