ELECTRICAL CONTRACTOR SHALL TRACE ALL CIRCUITS SERVED FROM EXISTING PANELS WITHIN THE AREA OF RENOVATION AND DETERMINE THOSE CIRCUITS THAT WILL NEED TO REMAIN IN SERVICE FOR AREAS OUTSIDE THE AREA OF THIS RENOVATION. CONTRACTOR SHALL AMMETER CIRCUITS TO REMAIN AND PROVIDE CORRECTED PANEL DIRECTORY AND AMMETER FINDINGS TO THE ENGINEER PRIOR TO ANY DEMOLITION.

DEMOLITION NOTES

A. PRIOR TO THE START OF ALL DEMOLITION WORK, THE CONTRACTOR SHALL TRACE AND IDENTIFY THE FEEDERS AND BRANCH CIRCUITS SERVING ALL ELECTRICAL EQUIPMENT, LIGHT FIXTURES, RECEPTACLES, FIXED EQUIPMENT, PANEL BOARDS, TRANSFORMERS, ETC. THE ELECTRICAL CONTRACTOR SHALL ALSO TRACE AND IDENTIFY ALL FEEDERS AND CIRCUITS SERVING ALL AREAS ADJACENT TO INDICATED AREAS OF DEMOLITION TO CONFIRM CIRCUITS SERVING BOTH NEW WORK AREA AND NON-RENOVATED AREA.

B. ELECTRICAL CONTRACTOR SHALL REMOVE ALL CEILING AND WALL MOUNTED DEVICES, SYSTEMS, AND ASSOCIATED CIRCUITRY AND CONDUIT WITHIN THE AREA TO BE DEMOLISHED OR AS REQUIRED TO FACILITATE NEW CONSTRUCTION UNLESS OTHERWISE INDICATED. CONDUCTORS AND CONDUIT SHALL BE REMOVED BACK TO SOURCE. FOR CONDUIT AND CONDUCTORS BEING REMOVED BACK TO ELECTRICAL PANELS, REMOVE CONDUCTORS COMPLETELY AND REMOVE CONDUIT BACK TO CEILING SPACE DIRECTLY ABOVE PANEL AND CAP. ABANDONED CIRCUIT BREAKERS SHALL BE TURNED OFF AND LABELED AS SPARE. COORDINATE PANELS BEING REPLACED WITH NEW WORK PLANS.

C. ASSOCIATED CIRCUITRY INCLUDES CONDUIT, CONDUCTORS, BOXES, WIRING DEVICES, COVER PLATES, LAMPS, FIXTURES, WIREWAYS, SWITCHES, STARTERS, ETC. WHICH ARE ASSOCIATED WITH THE ITEM TO BE REMOVED.

D. THE OVERCURRENT/PROTECTIVE DEVICES SHALL REMAIN AS AN INTEGRAL PART OF THE EXISTING PANEL OR SWITCHBOARD. LABEL AS SPARE OR USE FOR NEW CIRCUITS AS REQUIRED. UPDATE PANELBOARD DIRECTORY AS NECESSARY TO SHOW ALL CHANGES IN PANELBOARD LOAD.

E. WHERE CONDUIT, ASSOCIATED WITH AN ITEM SHOWN TO BE REMOVED, IS IN AN INACCESSIBLE AREA SUCH AS ENCASED IN CONCRETE, ABANDON INACCESSIBLE CONDUIT IN PLACE AND CAP OR SEAL BOTH ENDS.

F. WHERE SUCH INACCESSIBLE CONDUIT ENDS OR MUST BE TERMINATED IN FINISHED SPACE, REMOVE THE CONDUIT OR BOX TO BELOW THE FINISHED SURFACE OF WALL, CEILING OR FLOOR. FILL VOID SHALL BE WITH NON-SHRINKING GROUT AND FINISH TO MATCH ADJOINING SURFACES.

G. WHERE ONLY A PORTION OF A CIRCUIT'S LOAD IS SCHEDULED TO BE REMOVED, REMOVE ONLY THAT PORTION ASSOCIATED WITH THE DEMOLISHED DEVICE TO A POINT WHERE THE REMAINING LOAD IS ACTIVE AND MAINTAINED IN A GOOD OPERATING CONDITION. ALL DEVICES REMAINING SHALL BE RECONNECTED TO EXISTING CIRCUIT AS REQUIRED.

H. WHERE EXTENSION OF AN EXISTING CIRCUIT IS REQUIRED, RUN CONDUIT AND WIRE CONCEALED FROM THE ITEM'S EXISTING LOCATION TO ITS NEW LOCATION. EXISTING DEVICES TO REMAIN SHALL BE RE-FED AS REQUIRED TO MAINTAIN OPERATION.

I. LIGHTING FIXTURES AND ALL OTHER EQUIPMENT/DEVICES BEING REMOVED SHALL BE TURNED OVER TO OWNER, OR DISPOSED OF AS DIRECTED BY OWNER.

J. FIRE ALARM SYSTEM DEVICES LOCATED WITHIN DEMOLITION AREA SHALL BE REMOVED, CLEANED AND TESTED FOR OPERATION OF INTENDED USE FOR REINSTALLATION AS PART OF THE NEW RENOVATION. SMOKE DETECTORS SHALL BE CLEANED AND PROTECTED FROM DUST DURING CONSTRUCTION.

K. DEMOLITION WORK SHALL BE PHASED IF SO INDICATED ON ARCHITECTURAL PLANS. THE CONTRACTOR SHALL SCHEDULE A DEMOLITION COORDINATION MEETING WITH THE ARCHITECT, ENGINEER, AND OWNER PRIOR TO THE START OF ANY DEMOLITION IN EACH SPECIFIED AREA BUT, AFTER CIRCUIT TRACING IS DONE.

L. REMOVE ALL CONDUIT, WIRING, DEVICES, EQUIPMENT AND ANY OTHER ELECTRICAL APPURTENANCES RENDERED USELESS OR FOUND TO BE ABANDONED DURING CONSTRUCTION. REMOVAL OF ABANDONED AND USELESS WIRING SHALL BE BACK TO THE SOURCE, EVEN IF OUTSIDE LIMITS OF CONSTRUCTION. REMOVE CONDUCTORS COMPLETELY AND REMOVE CONDUIT BACK TO CEILING SPACE DIRECTLY ABOVE PANEL AND CAP.

M. CONTRACTOR SHALL PATCH AND/OR FIRE STOP ALL VOIDS IN WALLS/FLOORS LEFT OVER FROM OR FOUND DURING THE DEMOLITION PHASE AS REQUIRED TO MAINTAIN ORIGINAL BUILDING RATING ASSEMBLIES.

N. NURSE CALL SYSTEM COMPONENTS ARE TO BE REMOVED, CLEANED AND REINSTALLED AT NEW LOCATIONS INDICATED ON NEW WORK PLANS.

O. EXISTING WALL HEATERS SHALL BE DISCONNECTED, CONDUCTORS PULLED BACK TO SOURCE AND CONDUIT REMOVED FROM ACCESSIBLE CEILING SPACE BACK TO SOURCE. VERTICAL CONDUITS INSIDE WALLS NOT INDICATED AS BEING DEMOLISHED SHALL BE ABANDONED IN PLACE.

P. NOTE THAT THE SECOND FLOOR OF THIS BUILDING SHALL REMAIN IN OPERATION DURING THIS RENOVATION. CONTRACTOR SHALL COOPERATE FULLY WITH THE ADMINISTRATION IN ORDER TO CAUSE AS LITTLE DISRUPTION AS POSSIBLE TO THE DAILY FUNCTIONING OF THE FACILITY, AND TO MAINTAIN THE COMFORT AND SAFETY OF ALL PERSONNEL AND STAFF.

Q. COMMUNICATIONS CABLING BEING REMOVED SHALL BE COORDINATED WITH THE COTR TO ASSURE COMMUNICATIONS ARE NOT INTERRUPTED TO OTHER PARTS OF THE FACILITY.

GENERAL SHEET NOTES

A. AREA OF DEMOLITION INDICATED BY HATCHING. STAIRWELL, ELECTRICAL ROOM 100 AND IT ROOMS ARE EXCLUDED.

B. ELECTRICAL CLOSET 130 WILL HAVE MINIMAL CHANGES. SEE SHEET KEYNOTES AND NEW WORK PLANS.

C. COORDINATE LIMITS AND PROVISIONS OF DEMOLITION WITH ARCHITECTURAL DEMOLITION PLANS AND NOTES.

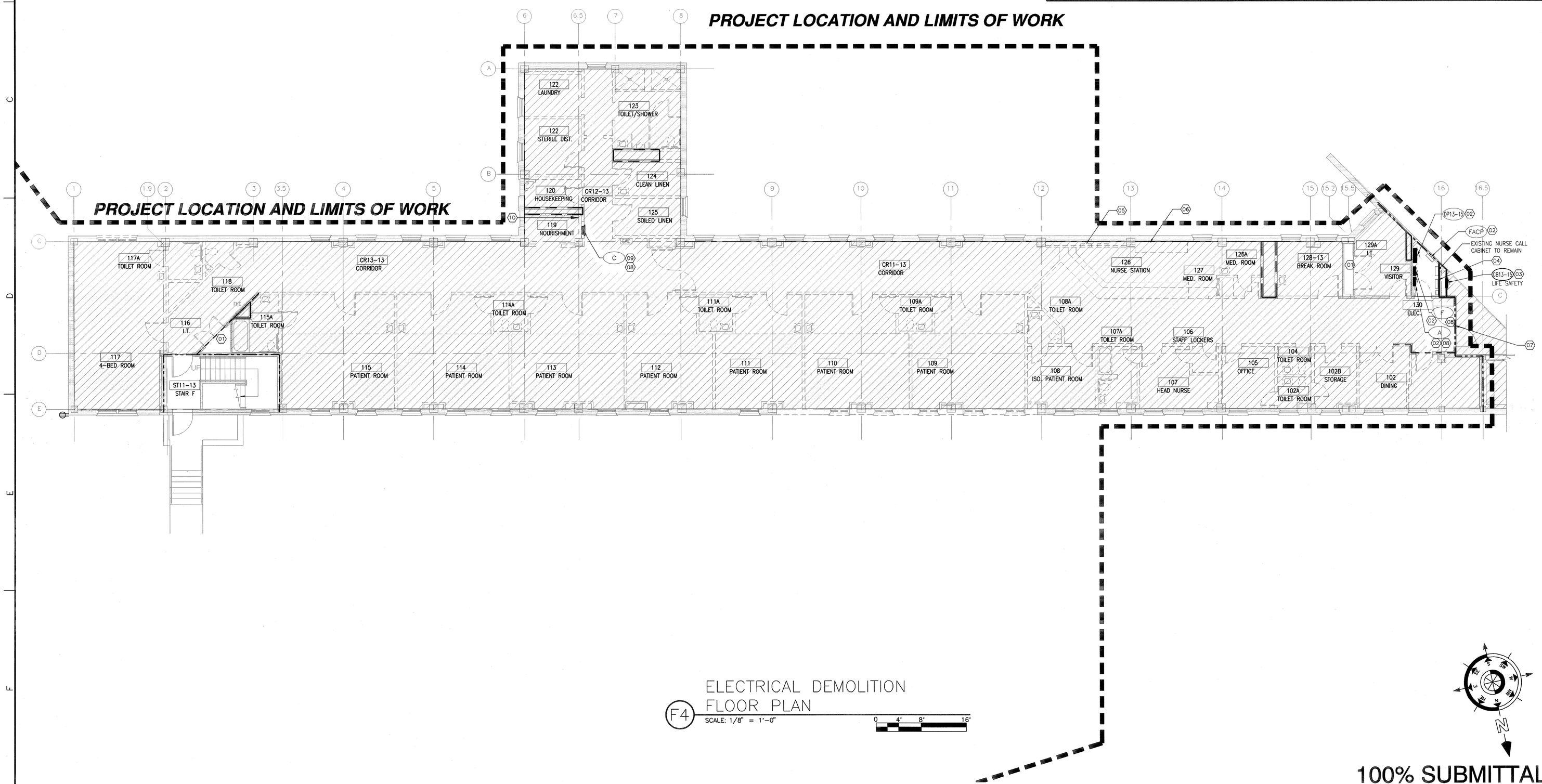
D. THIS PROJECT INVOLVES WORK IN EXISTING PORTIONS OF THE FACILITY. EXISTING BRANCH CIRCUITS, COMMUNICATIONS, RACEWAYS, ETC., WHICH ARE DISRUPTED BY THIS PROJECT SHALL BE REROUTED AND/OR RE-FED FROM A NEW SOURCE AS REQUIRED TO MAINTAIN THEM IN FULL AND PERMANENT SERVICE. EXISTING PANEL "13AN" MAY BE UTILIZED FOR THIS PURPOSE. PANEL DIRECTORY SHALL BE REVISED AS CHANGES ARE MADE. THE CONTRACTOR SHOULD VISIT THE SITE PRIOR TO BIDDING TO REVIEW EXISTING CONDITIONS. CONTRACTOR SHALL NOT BE EXCUSED FROM PERFORMING REQUIRED WORK BECAUSE HE DID NOT VISIT THE SITE.

SHEET KEYNOTES (X)

01. IT CLOSET WITH POWER OUTLETS AND ASSOCIATED EQUIPMENT TO REMAIN AS IT EXISTS.
02. EXISTING PANEL TO REMAIN.
03. EXISTING LIFE SAFETY PANEL TO BE REMOVED. NEW REPLACEMENT PANEL SHALL BE LOCATED INSIDE EXISTING ELECTRICAL CLOSET. SEE NEW WORK PLAN.
04. TV CABLE DISTRIBUTION ENCLOSURE AND ASSOCIATED EQUIPMENT TO BE RELOCATED. SEE NEW WORK PLAN.
05. UNUSED NURSE CALL CABINET TO BE REMOVED WITH CONTENTS TURNED OVER TO OWNER OR DISPOSED OF AS DIRECTED BY OWNER.
06. EXISTING SYSTEM MONITOR AND ASSOCIATED CONTROLS SHALL BE REMOVED AND TURNED OVER TO OWNER.
07. ELECTRIC DOOR OPERATOR AND ASSOCIATED CONTROLS SHALL REMAIN AS THEY EXIST.
08. BRANCH CIRCUIT LOADS REMOVED FROM PANELS 'A', 'C' & 'F' SHALL HAVE BREAKERS TEMPORARILY TURNED OFF AND MARKED AS SPARES. WHERE PANELS ARE BEING REUSED FOR NEW WORK, THESE SPARES ARE TO BE USED ON RE-ASSIGNED BRANCH CIRCUITS.
09. PANEL 'C' IS TO BE REMOVED AND TURNED OVER TO THE OWNER.
10.. DISCONNECT EXISTING FLOW AND TAMPER SWITCH CONNECTIONS AND REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

COORDINATION DRAWINGS

THE MECHANICAL CONTRACTOR SHALL TAKE THE LEAD IN PREPARATION OF COORDINATION DRAWINGS. SUCH DRAWINGS SHALL BE ARRANGED AND DESIGNED THROUGH AND FROM COORDINATION WITH ALL OTHER MAJOR AND MINOR SUBCONTRACTORS AND THE GENERAL CONTRACTOR. PROVIDE PLAN VIEWS, SECTIONS AND ELEVATIONS AS REQUIRED TO FULLY COORDINATE ALL NEW WORK WITH ITSELF AND EXISTING CONDITIONS. DRAW TO SCALE (AT NOT LESS THAN 3/8" = 1'-0"). DRAWINGS SHALL SHOW, BUT NOT BE LIMITED TO: ALL WALL RATINGS; ALL DUCTWORK; ALL AIR DISTRIBUTION; MECHANICAL EQUIPMENT; MECHANICAL PIPING; FIRE PROTECTION PIPING; ALL PLUMBING PIPING; CABLE TRAYS (WITH ELEVATIONS NOTED); LIGHTING FIXTURES (WHEN CEILING MOUNTED); CEILING GRID AND CEILING HEIGHT; MAJOR BEAMS AND JOISTS (WITH ELEVATIONS MARKED); FIRE ALARM DEVICES AND SPEAKERS (WHERE CEILING MOUNTED); ELECTRICAL CONDUITS LARGER THAN 2-INCH DIAMETER; ELECTRICAL BUSWAY AND REQUIRED CLEARANCES; EQUIPMENT PROVIDED BY OTHERS THAT PROTRUDE INTO CEILING CAVITIES OR IMPEDE THE LOCATION OR ACCESS TO ABOVE CEILING PIPING, DUCTWORK OF OTHER EQUIPMENT. SECTIONS SHALL BE CUT THROUGH AREAS SHOWING MATERIALS AND SYSTEMS OF ALL CONTRACTS. IF THERE ARE ANY OUTSTANDING ISSUES THAT CANNOT BE RESOLVED, CONSULT WITH THE ARCHITECT AND/OR ENGINEER (THROUGH THE VA COTR) FOR GUIDANCE AND MAKE CORRECTIONS IN ACCORDANCE WITH DIRECTIONS GIVEN. IT IS IMPORTANT TO NOTE THAT FABRICATION CANNOT BEGIN UNTIL COORDINATION DRAWINGS HAVE BEEN APPROVED. ANY MATERIAL, EQUIPMENT, SYSTEMS, ETC., PROCUREMENT OR INSTALLATION COMMENCED PRIOR TO APPROVAL IS TAKEN AT THE CONTRACTORS OWN RISK AND MAY HAVE TO BE MODIFIED, MOVED AND/OR RECONFIGURED AT THE CONTRACTORS COST.

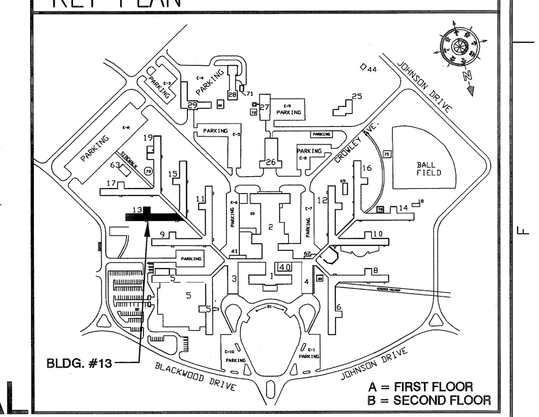


F4 ELECTRICAL DEMOLITION FLOOR PLAN
SCALE: 1/8" = 1'-0"

TYPICAL SYMBOLS

- EXISTING WALL, DOOR, WINDOW, MILLWORK, FIXTURE OR OTHER FIXTURE OR ASSEMBLY TO BE REMOVED.
- EXISTING WALL, DOOR, WINDOW, MILLWORK, FIXTURE OR OTHER FIXTURE OR ASSEMBLY TO REMAIN.
- NEW WALL
- SMOKE TIGHT WALL
- 1-HOUR FIRE RATED WALL
- 2-HOUR FIRE RATED WALL
- 1 HOUR FIRE SMOKE RATED WALL
- PROJECT LIMITS OF WORK
- NO PIPING OR DUCTWORK SHALL BE ROUTED THROUGH ELECTRICAL AND/OR DATA ROOMS.

KEY PLAN



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Revisions

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Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE MANAGER
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL SAFETY MANAGER
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title: ELECTRICAL DEMOLITION FLOOR PLAN

FULLY SPRINKLERED

Project Title: RENOVATE 13A FOR ENDOSCOPY SUITE

Drawn	Building Number	AutoCAD File Name
	13A	
Checked	Reviewed	Const. Contract No.

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