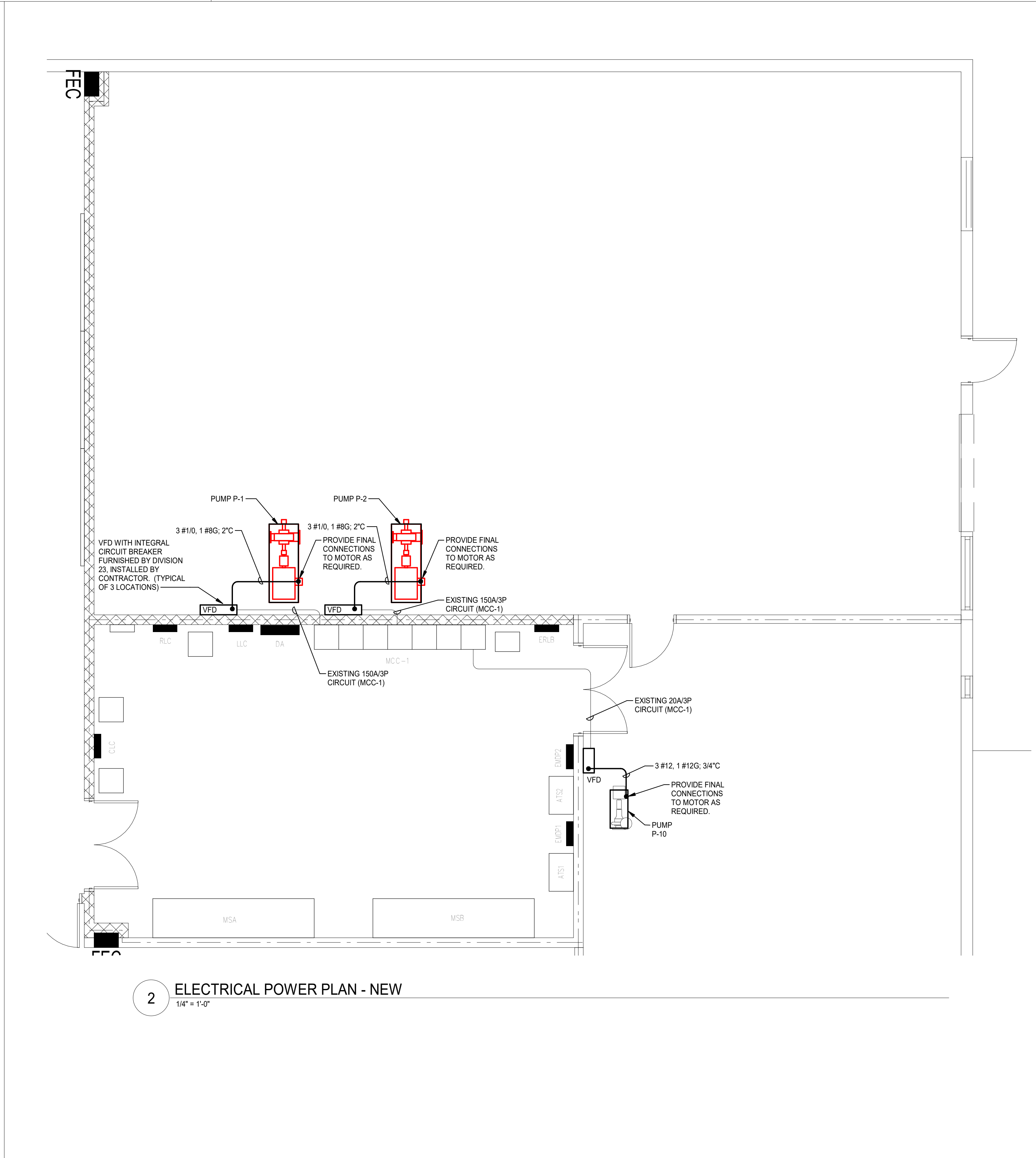
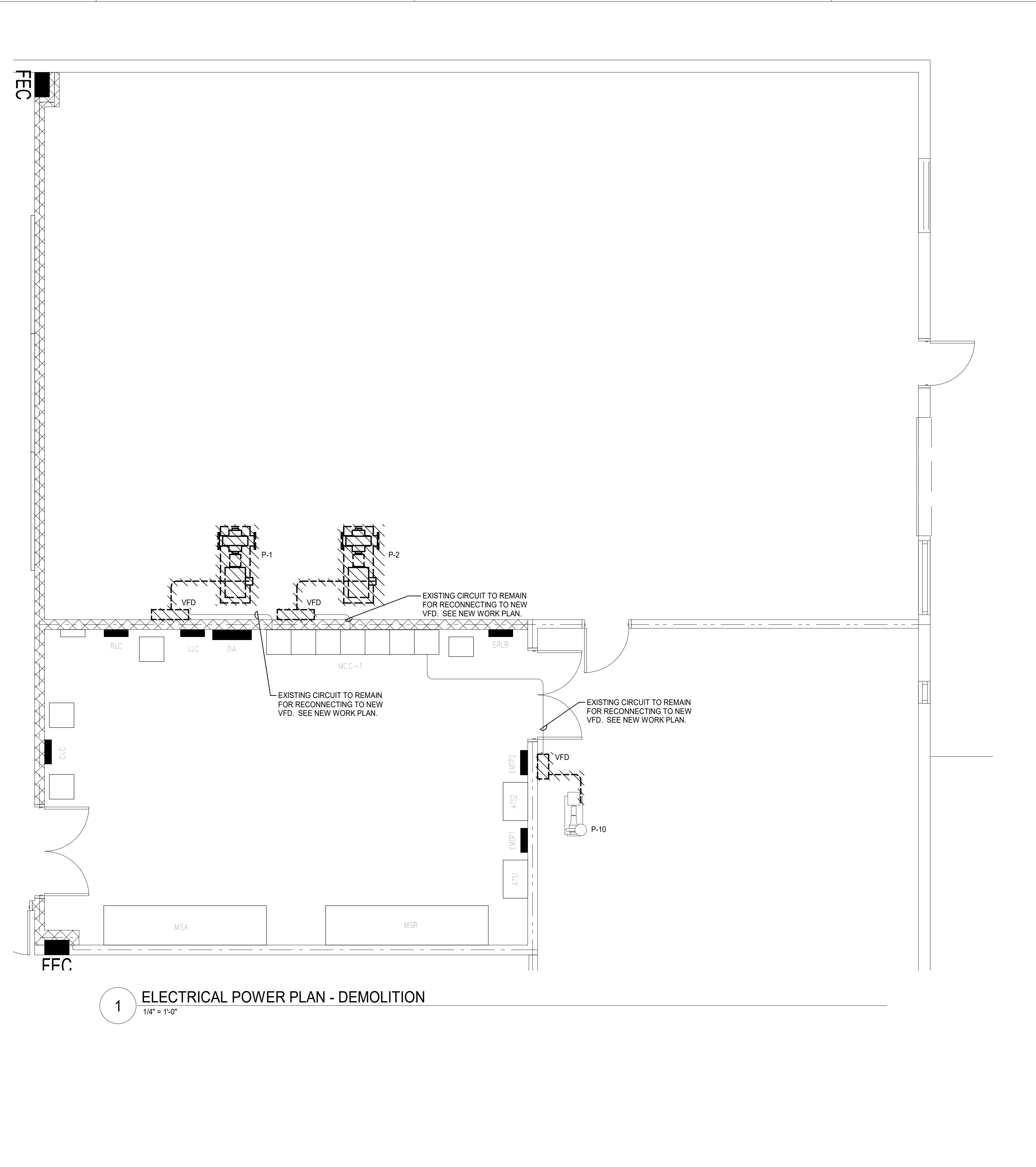
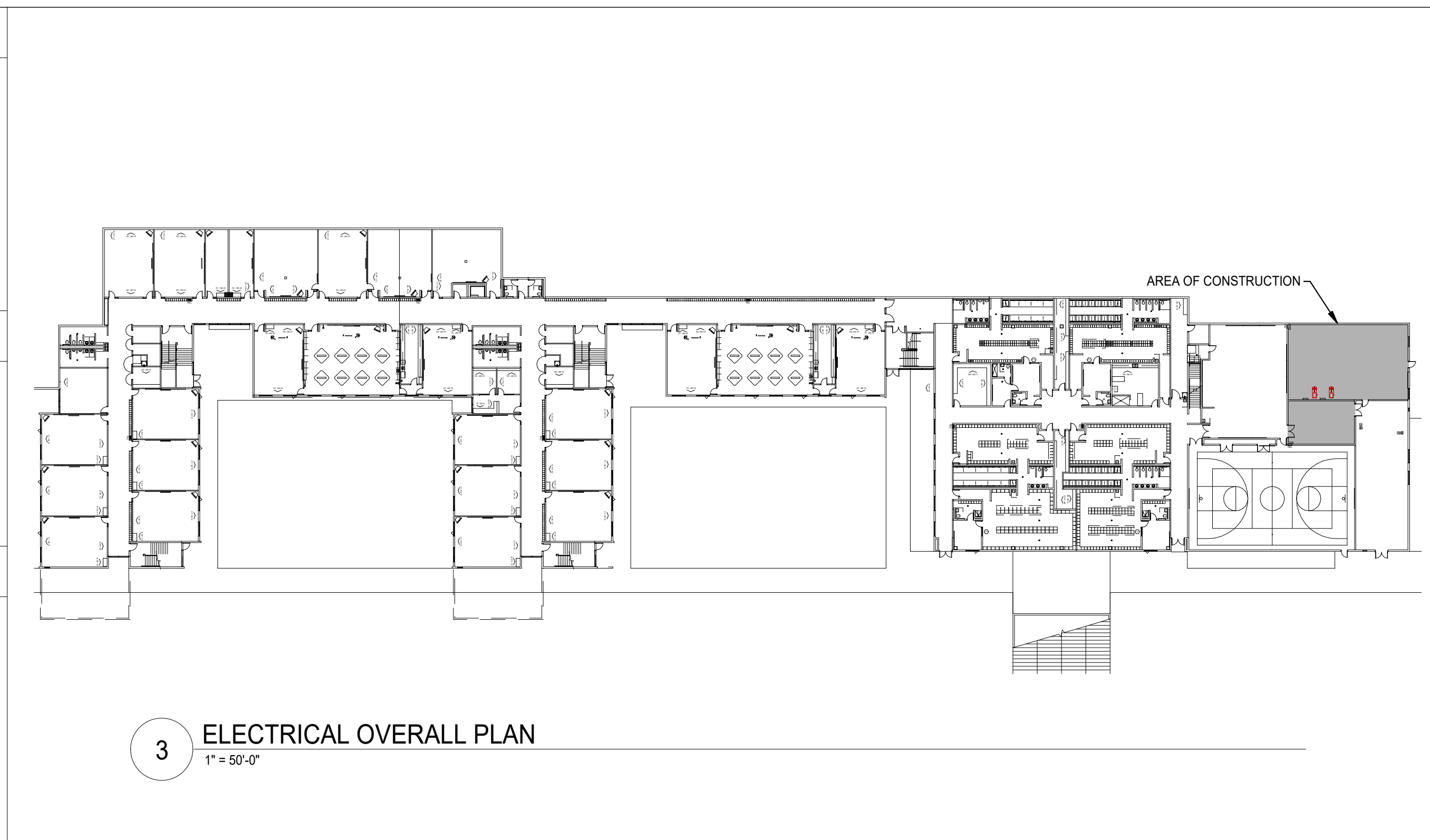


SYMBOL	DESCRIPTION
	CIRCUITS AND CONDUIT HOME RUN TO LIGHTING/SERVICE PANEL, HASH MARKS, WHEN SHOWN, INDICATE NUMBERS OF CONDUCTORS. "/>
	EXPOSED CONDUIT
	CONDUIT RUN IN SLAB OR UNDERGROUND.
	CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALLS, UNLESS NOTED OTHERWISE.
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	EQUIPMENT LIGHTING OR SERVICE PANEL, SURFACE MOUNTED (208V) LIGHTING OR SERVICE PANEL, SURFACE MOUNTED (480V) CONNECTION TO A SPECIFIC PIECE OF EQUIPMENT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH PROVIDER/INSTALLER OF THE EQUIPMENT.
	WIRING DEVICES NOTE: ALL WIRING DEVICES TO BE IVORY, WITH #302 STAINLESS STEEL COVERPLATE (FLUSH MOUNTED) UNLESS NOTED OTHERWISE ON THE DRAWING OR SPECIFICATIONS. STRAIGHT BLADE DEVICE SYMBOLS 20A, 125V, 2P, 3W, NEMA 5-20R, DUPLEX RECEPTACLE, HUBBELL 59824 OR EQUAL STANDARD POWER. "WR" DENOTES WEATHER RESISTANT TYPE RECEPTACLE WITH CAST-IN-HOSE COVER. "GFI" DENOTES GFCI TYPE. "C" DENOTES RECEPTACLE TO BE FLUSH MOUNTED IN CEILING.

- ELECTRICAL GENERAL NOTES:**
- INSPECT SITE PRIOR TO SUBMITTING BID. DRAWINGS ARE INTENDED TO COVER THE REQUIRED ELECTRICAL SYSTEMS. DRAWINGS MAY NOT SHOW COMPLETE OR ACCURATE DETAILS OF THE BUILDING OR SYSTEM IN EVERY RESPECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY ADDITIONAL INFORMATION AS REQUIRED.
 - CONFORM TO THE NATIONAL ELECTRICAL CODE (2017), IBC (2018), IECC (2009), APPLICABLE NEMA, ANSI AND IEEE PUBLICATIONS, U.L. AND ADA STANDARDS AND OSHA REQUIREMENTS. COMPLY WITH LOCAL, COUNTY, STATE AND NATIONAL CODES HAVING JURISDICTION.
 - FURNISH AND INSTALL ALL MATERIALS IN A NEAT AND WORKMANLIKE FASHION. ALL MATERIALS SHALL BE NEW, WITH FIRST QUALITY AND UL LABEL.
 - VERIFY ALL DIMENSIONS AND CLEARANCES PRIOR TO INSTALLATION OF EQUIPMENT AND RACEWAYS. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF WORK WITH THAT OF ALL OTHER TRADES AS REQUIRED.
 - CONDUIT SHALL BE EMT FOR BRANCH CIRCUIT WIRING AS ALLOWED BY NEC, EXCEPT THAT SET SCREW OR CRIMP FITTINGS ARE NOT ALLOWED. WHERE EXPOSED TO PHYSICAL DAMAGE CONDUITS SHALL BE RIGID GALVANIZED STEEL. MINIMUM CONDUIT SIZE SHALL BE 3/4". ALL CONDUCTORS SHALL BE TYPE THIRTYTHREE STRANDED 600V COPPER BUILDING WIRE. MINIMUM SIZE SHALL BE #12 AWG COPPER UNLESS NOTED.
 - PROVIDE GROUNDING FOR ALL EQUIPMENT IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
 - SEAL ALL CONDUIT PENETRATIONS TO MATCH RATING OF WALL BEING PENETRATED.
 - ALL WORK SHALL HAVE PROPER LABELING AND NAMEPLATES. ALL CIRCUITS SHALL BE LABELED AT PANELS AND BOXES AS INDICATED. ALL PANELS AND DISCONNECTS ARE TO BE PERMANENTLY MARKED WITH NAME OR EQUIPMENT SERVED.
 - ALL BREAKERS ON CIRCUITS SUPPLYING HVAC EQUIPMENT SHALL BE TYPE HACR BREAKERS.
 - THOROUGHLY CLEAN ALL EQUIPMENT AND SYSTEMS BEFORE PLACING IN OPERATION. RESTORE FINISHED SURFACES IF DAMAGED AND DELIVER THE ENTIRE INSTALLATION IN AN APPROVED CONDITION. INSTRUCT THE OWNERS' PERSONNEL IN THE PROPER OPERATION AND MAINTENANCE OF THE SYSTEMS. FURNISH TO THE OWNER THREE SETS OF OPERATION AND MAINTENANCE MANUALS FOR EACH SYSTEM.
 - GUARANTEE THE WORK INSTALLED FOR A PERIOD OF ONE YEAR AFTER DATE OF FINAL ACCEPTANCE. DEFECTS WHICH APPEAR AS A RESULT OF NORMAL USAGE SHALL BE REMEDIED BY THE CONTRACTOR TO THE COMPLETE SATISFACTION OF THE OWNER WITHOUT COST TO THE OWNER.
 - CONTRACTOR SHALL KEEP CURRENT A SET OF PLANS FOR THE DURATION OF CONSTRUCTION WITH ALL CHANGES TO WORK NEATLY AND ACCURATELY MARKED IN RED AND SHALL TURN OVER TO OWNER AT COMPLETION OF PROJECT.
 - ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED TO MEET SEISMIC REQUIREMENTS OF 2018 IBC.

- ABBREVIATIONS:**
- | | |
|--|---------------------------------------|
| AFF ABOVE FINISHED FLOOR | PVC POLYVINYL CHLORIDE CONDUIT |
| FU FUSE | RECP RECEPTACLE (R) |
| FWE FURNISHED WITH EQUIPMENT | UNO UNLESS NOTED OTHERWISE |
| GFI GROUND FAULT INTERRUPTER DEVICE | W WITH |
| | WH WATER HEATER |
- GENERAL SHEET NOTES**
- CONTRACTOR SHALL VERIFY LOADS AND AVAILABILITY OF ALL CIRCUITS BEING MODIFIED AS PART OF THIS PROJECT AND SHALL ENSURE THAT CIRCUIT LOADS DO NOT EXCEED CODE LIMITS. CONTRACTOR SHALL LABEL ALL DEVICES SHOWN TO BE CONNECTED TO EXISTING CIRCUITS WITH THE CURRENT PANEL AND CIRCUIT NUMBER ON THE RECORD DRAWINGS.
 - SEE MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT.
 - DEVICES SHOWN IN LIGHT LINEWEIGHT ARE EXISTING TO REMAIN.
- POWER PLAN KEYNOTES**
- P1. COORDINATE EXACT LOCATION AND TYPE OF CONNECTION WITH BOILER PROVIDED.



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GREENVILLE COUNTY SCHOOLS

TRAVELERS REST HIGH SCHOOL HVAC SYSTEM MODIFICATIONS
301 N. Main Street
Travelers Rest, SC 29690

No.	Description	Date

Project Number 22018
Date 05/27/2022
Drawn By TMP
Checked By DJB

ELECTRICAL LEGEND, SCHEDULES AND PLANS

E101