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ELECTRIC DESIGN CRITERIA	
APPLICABLE BUILDING CODES	
2016 KENTUCKY BUILDING CODE (BASED ON THE INTERNATIONAL BUILDING CODE) 2017 NFPA 70 - NATIONAL ELECTRICAL CODE 2013 NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE 2012 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)	
ELECTRIC LEGEND	
SYMBOL	DESCRIPTION
FIRE ALARM DEVICES	
	COMBINATION FIRE / SMOKE DAMPER
MISCELLANEOUS	
	ELECTRICAL SWITCHBOARD OR SWITCHGEAR (DIMENSIONS MAY VARY)
	ELECTRICAL PANELBOARD OR DISTRIBUTION BOARD (DIMENSIONS MAY VARY / FLUSH OR SURFACE MOUNTED AS INDICATED)
	DRY TYPE TRANSFORMER
SINGLE LINE DIAGRAM	
	GROUNDING ELECTRODE PER NFPA 70 ARTICLE 250 MINIMUM
	ELECTRICAL PANELBOARD OR DISTRIBUTION BOARD
	ELECTRICAL SWITCHBOARD OR SWITCHGEAR
	SURGE PROTECTIVE DEVICE
WIRE / CABLE / RACEWAY	
	BRANCH CIRCUIT HOME RUN WITH PANEL NAME AND CIRCUIT NUMBER(S)
	CABLING / RACEWAY INSTALLED CONCEALED IN WALLS OR ABOVE CEILING
	CABLING / RACEWAY INSTALLED BELOW FLOOR OR GRADE
	CABLE TRAY
	CONDUIT UP OR DOWN
ABBREVIATIONS	
(R) 42" RELOCATE FIXTURE, EQUIPMENT OR DEVICE AF AMP FRAME OF FUSED SWITCH OR CIRCUIT BREAKER AFCI ARC-FAULT CIRCUIT INTERRUPTER AC AMP INTERRUPTING CURRENT BREAKER ATS AUTOMATIC TRANSFER SWITCH BAS BUILDING AUTOMATION SYSTEM C.T.C. WORK UNDER DIVISION 27 OR 28 AS APPLICABLE CB CIRCUIT BREAKER CH COUNTER HEIGHT OR SPECIAL HEIGHT DEVICE DW DISHWASHER E EMERGENCY E.C. WORK UNDER DIVISION 26 EMS ENERGY MANAGEMENT SYSTEM EPD EMERGENCY POWER OFF ER EQUIPMENT ROOM ENR ENERGY MANAGEMENT SYSTEM ESP EMERGENCY STANDBY RATING ETR EXISTING TO REMAIN EWC ELECTRIC WATER COOLER EX EXISTING FBO FURNISHED BY OTHERS - INSTALLED AND WIRED BY E.C. FIBO FURNISHED AND INSTALLED BY OTHERS - WIRED BY E.C. FP RECEPTACLE TO BE USED FOR A FLAT PANEL DISPLAY. FWE FURNISHED WITH EQUIPMENT BY OTHERS - INSTALLED AND WIRED BY E.C. GD GARBAGE DISPOSAL GEPF GROUND FAULT EQUIPMENT PROTECTION GFI/GFCI GROUND FAULT CIRCUIT INTERRUPTER DEVICE H.C. WORK UNDER DIVISION 23 H.O.A. "HAND-OFF-AUTO" SWITCH IG ISOLATED GROUND LR LEGALLY REQUIRED STANDBY LSI LONG - SHORT - INSTANTANEOUS LSIG LONG - SHORT - INSTANTANEOUS - GROUND FAULT MCB MAIN CIRCUIT BREAKER MFR MANUFACTURER MLO MAIN LUGS ONLY MNS MANUAL TRANSFER SWITCH MW MICROWAVE OVEN NIC NOT IN CONTRACT (SHOWN FOR REFERENCE ONLY) NTS NOT TO SCALE OFE OWNER-FURNISHED EQUIPMENT - INSTALLED AND WIRED BY E.C. OS OPTIONAL STANDBY P.C. WORK UNDER DIVISION 22 (R) RELOCATED S.C. WORK UNDER DIVISION 21 SCCR SHORT CIRCUIT CURRENT RATING SPD SURGE PROTECTIVE DEVICE ST SHUNT TRIP TAAC TO ABOVE ACCESSIBLE CEILING TR TAMPER RESISTANT TB TELEPHONE TERMINAL BOARD TYPICAL UCR UNDER COUNTER REFRIGERATOR UL LISTED FOR SERVICE ENTRANCE ULS.E. UNLESS NOTED OR INDICATED OTHERWISE ON DRAWINGS OR IN SPECIFICATIONS VFD/VSD VARIABLE FREQUENCY / SPEED DRIVE VIF VERIFY IN FIELD VM VENDING MACHINE VP VANDAL PROOF W/ WP WEATHERPROOF WG WIRE GUARD WR WEATHER RESISTANT	
PLAN-VIEW AND GRAPHIC LINE TYPES	
WORK SHOWN BOLD-CONTINUOUS INDICATES NEW WORK (UNLESS OTHERWISE INDICATED)	
WORK SHOWN FADED INDICATES EXISTING WORK TO REMAIN OR NEW WORK BY OTHERS AS APPLICABLE (UNLESS OTHERWISE INDICATED)	
WORK SHOWN BOLD-DASHED INDICATES SELECTIVE DEMOLITION WORK (UNLESS OTHERWISE INDICATED)	

ELECTRIC CONDUIT AND WIRE MATERIAL SCHEDULE			
MC - METAL CLAD CABLE MI - MINERAL INSULATED CABLE HMC - HEALTHCARE METAL CLAD CABLE USE - UNDERGROUND SERVICE ENTRANCE CABLE SE - SERVICE ENTRANCE CABLE UF - UNDERGROUND FEEDER NM - NON-METALLIC SHEATHED CABLE LMC - RIGID METAL CONDUIT RMC - RIGID NON-METALLIC CONDUIT RTRC - REINFORCED THERMOSETTING RESIN CONDUIT LIM - LINE ISOLATION MONITOR	ARC - ALUMINUM RIGID CONDUIT EMT - ELECTRIC METALLIC TUBING EMT - ELECTRIC NON-METALLIC TUBING FMC - FLEXIBLE METALLIC CONDUIT GRC - GALVANIZED RIGID STEEL CONDUIT HDPE - HIGH DENSITY POLYETHYLENE CONDUIT IMC - INTERMEDIATE METAL CONDUIT LFMC - LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT LFNC - LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT SCH 40 PVC - SCHEDULE 40 POLYVINYL CHLORIDE CONDUIT SCH 80 PVC - SCHEDULE 80 POLYVINYL CHLORIDE CONDUIT		

CONDUIT APPLICATION	CONDUCTOR TYPE	RACEWAY TYPE	RACEWAY AND CONDUCTOR NOTES
Conduit - EMT			
BRANCH CIRCUIT HOME-RUNS	THHN	EMT	
CONNECTION TO VIBRATING EQUIPMENT	THHN	EMT	
FEEDER			

**SPECIAL ELECTRICAL REQUIREMENTS (PER KY STATE ELECTRICAL INSPECTOR)**

- IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO CONTACT THE KENTUCKY STATE ELECTRICAL INSPECTOR FOR ALL ELECTRICAL INSPECTIONS. ALL ELECTRICAL WORK SUBJECT TO CONCEALMENT SUCH AS ABOVE CEILING, IN WALL AND BELOW GROUND SHALL BE INSPECTED PRIOR TO CONCEALMENT. A MASTER ELECTRICAL HIGHLY FAMILIAR WITH THE PROJECT SHALL BE PRESENT FOR ALL ELECTRICAL INSPECTIONS AND TO SIGN AND RECEIVE COPIES OF INSPECTIONS.
- ALL ELECTRICAL WIRING DEVICES AND EQUIPMENT SHALL BE DE-ENERGIZED AND WILL BE PROPERLY LOCKED OUT/TAGGED OUT BY THE ELECTRICAL CONTRACTOR EXCEPT FOR TESTING PURPOSES IN ORDER TO PREVENT USAGE BY END USER UNTIL PASSING A FINAL ELECTRICAL INSPECTION. ONLY THE ELECTRICAL INSPECTOR CAN MAKE EXCEPTIONS AS NECESSARY IN WRITING.
- ALL ELECTRICAL CONTRACTORS MUST HAVE A VALID ACTIVE KENTUCKY CONTRACTOR'S LICENSE AND MASTER'S LICENSE TO PERFORM WORK. A MINIMUM OF ONE KENTUCKY ELECTRICAL LICENSED PERSON SHALL BE ON THE WORK SITE AT ALL TIMES DURING PERFORMANCE OF ELECTRICAL WORK. LARGER JOBS MAY REQUIRE MORE THAN ONE LICENSED PERSON.
- ELECTRICAL CONTRACTORS SHALL SUPPLY A COPY OF ALL ELECTRICAL INSPECTIONS TO THE CONSTRUCTION MANAGER/GENERAL CONTRACTOR WITHIN 2 DAYS OF EACH INSPECTION. ELECTRICAL CONTRACTOR MUST ALSO IDENTIFY ANY NON-ELECTRICAL VIOLATIONS FROM THAT INSPECTION TO THE CONSTRUCTION MANAGER/GENERAL CONTRACTOR WITHIN THIS SAME 2 DAY PERIOD.
- ALL DATA/VOICE INSTALLATIONS SHALL BE COMPLETED AND READY FOR INSPECTION AT THE TIME OF ANY ABOVE CEILING, IN WALL, IN GROUND AND ELECTRICAL FINAL INSPECTIONS.
- CERTIFIED LIGHTNING PROTECTION INSTALLERS SHALL PERFORM ALL WORK REQUIRING OR AFFECTING LIGHTNING PROTECTION. CERTIFICATION/RE-CERTIFICATION DOCUMENTATION OF LIGHTNING PROTECTION SYSTEMS SHALL BE PROVIDED TO THE ELECTRICAL INSPECTOR AND OWNER AT THE TIME OF THE ELECTRICAL FINAL INSPECTION.
- ALL INSTALLED ELECTRICAL EQUIPMENT/DEVICES SHALL BE LISTED INDIVIDUALLY AND LARGE ELECTRICAL EQUIPMENT CONTAINING SUCH LISTED DEVICES SHALL BE LISTED AS AN ASSEMBLY BY A CERTIFIED TESTING LABORATORY.
- NO ELECTRICAL EQUIPMENT/DEVICES/RACEWAYS/WIRING SHALL BE ABANDONED AND LEFT IN PLACE UNLESS APPROVED BY THE OWNER FOR FUTURE USE AND THEN SUCH SHALL BE CLEARLY TAGGED "FOR FUTURE USE".
- ALL ELECTRICAL CIRCUITS SHALL HAVE A "WIRE" GREEN GROUNDING CONDUCTOR PULLED WITH THEM. NO RACEWAY SHALL BE ACCEPTED AS A GROUNDING CONDUCTOR. THIS INCLUDES ANY WORK USING EXISTING CIRCUITS, IN WHICH CASE A WIRE GROUNDING CONDUCTOR (IF NOT AVAILABLE) WILL BE INSTALLED BACK TO THE APPLICABLE ELECTRICAL PANEL AND TERMINATED ON THE GROUNDING BAR. IF NO GROUNDING BAR EXISTS, ONE SHALL BE INSTALLED.
- GFCI PROTECTION SHALL BE USED BY ALL TRADES TO PROTECT ALL 120-VOLT TOOLS AND EQUIPMENT DURING ALL PHASES OF CONSTRUCTION/RENOVATION PROJECTS.
- ALL RECESSED FLUORESCENT LIGHTING FIXTURES (TROFFERS) SHALL BE INDEPENDENTLY AND DIRECTLY SUPPORTED FROM THE STRUCTURE WITH A MINIMUM OF 2 SUPPORT WIRES, AND SHALL ALSO BE ATTACHED TO THE CEILING WITH 4 LISTED CLIPS OR SCREWS.
- MC OR RMC RACEWAYS SHALL NOT BE INSTALLED IN NEW WALLS BEING CONSTRUCTED. ONLY EMT OR RIGID WILL BE ACCEPTED WITHIN WALLS. EMT AND RIGID RACEWAYS SHALL BE A MINIMUM SIZE OF 1/4 INCH. METAL CLAD (MC) CABLE IS ACCEPTABLE FOR USE IN SUSPENDED CEILINGS AS LONG AS IT IS ONLY A PIGTAIL FROM A JUNCTION BOX TO A LIGHTING FIXTURE.
- ALL SAFETY SWITCHES, ELECTRICAL PANELS, SWITCHBOARDS, CONTROL PANELS, METER SOCKETS AND MOTOR CONTROL CENTERS SHALL HAVE CLEARLY VISIBLE WARNING LABELS ON THEIR FRONT SIDE WARNING OF ARC FLASH HAZARDS.
- ANY ELECTRICAL PANEL, LEDGERS AFFECTED BY CONSTRUCTION/RENOVATION SHALL BE REPLACED WITH NEWLY TYPED UPDATED LEDGERS.
- ALL WALL/FLOOR/CEILING PENETRATIONS SHALL BE SEALED AND FIRE-STOPPED WITH MATERIAL EQUIVALENT TO THE SURROUNDING SURFACES OR FIRE CALLED WITH APPROVED MATERIAL FOR FIRE-RATED AREAS IN ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE 300.21.

**GENERAL ELECTRICAL INSTALLATION NOTES**

- CODE COMPLIANCE: PROVIDE ALL ELECTRICAL WORK COMPLIANT WITH ALL PREVAILING CODES.
- LISTINGS: PROVIDE MATERIALS, COMPONENTS AND ASSEMBLED COMPONENTS WITH LISTINGS AND LABELS FROM A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL), MANUFACTURED, LISTED AND LABELED FOR THEIR INTENDED USE.
- RATED BUILDING SURFACES: SEPARATE DEVICE BOXES BY A MINIMUM OF 6 INCHES WHERE INSTALLED BACK TO BACK WITHIN DEMISING WALLS TO MAINTAIN REQUIRED FIRE AND SOUND RATING (TYPICAL OF ALL DEVICE BOXES INSTALLED ON DEMISING WALLS). PROVIDE LISTED FIRE-RATED WRAPS AROUND ALL RECESSED OUTLET, DEVICE AND EQUIPMENT BOXES IN FIRE/SMOKE RATED WALLS, CEILINGS AND FLOORS TO MEET OR EXCEED THE RESPECTIVE RATING OF THE SURFACE.
- RATED PENETRATIONS: SEAL ALL PENETRATIONS THROUGH FIRE-RATED AND/OR SMOKE-RATED MEMBRANES (FLOORS, WALLS, CEILINGS, ETC.) USING SEALANT PRODUCTS THAT MEET OR EXCEED THE RATING OF THE RESPECTIVE MEMBRANE.
- GANGED DEVICES: INSTALL WIRING DEVICES GANGED WHEREVER POSSIBLE FOR INSTANCES WHERE THEY ARE SHOWN TOGETHER. THIS INCLUDES LOCATIONS ABOVE COUNTERS AND WORK SURFACES WHERE APPLICABLE.
- OUTLET BOXES NEAR CORNERS: INSTALL WALL MOUNTED SWITCHES, CONTROLS, RECEPTACLES, OUTLETS, ETC. AT LEAST 6 INCHES FROM WALL CORNERS.
- CONCEALMENTS: CONCEAL ALL CONDUIT DROPS AND RISES WITHIN WALLS, AND PROVIDE FLUSH-MOUNTED WALL OUTLET BOXES UNLESS OTHERWISE INDICATED.
- SCHEMATIC REPRESENTATIONS: CIRCUITING WORK SHOWN ON DRAWINGS IS FOR SCHEMATIC GENERAL REPRESENTATION ONLY. DETERMINE SPECIFICS IN FIELD (POINT-TO-POINT ROUTING, HOME-RUN LOCATIONS, METHODS OF CONCEALMENT, ETC.). LOCATIONS AND ROUTING INDICATED ON PLANS ARE SCHEMATIC AND DIAGRAMMATIC IN NATURE. LAYOUT AND INSTALL ALL ELECTRICAL WORK IN STRICT COMPLIANCE WITH CHAPTER 1, PART II, ARTICLE 110.26 OF THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE (NFPA 70).
- HOME-RUN DESIGNATIONS: HOME-RUN DESIGNATIONS INDICATED ON PLANS ARE SCHEMATIC DESIGNATIONS ONLY. DETERMINE EXACT CIRCUIT ASSIGNMENTS IN FIELD BASED ON FIELD CONDITIONS. PROVIDE COLOR-CODED CONDUCTOR INSULATION ACCORDINGLY. CODED PROPERLY DEPENDING ON SYSTEM, PHASE, NEUTRAL, ETC. PROVIDE EQUIPMENT AND PANELBOARD SCHEDULES THAT ACCURATELY INDICATE INSTALLED CONDITIONS.
- LOCAL DISCONNECTS AND CONTROLS AT EQUIPMENT: LOCAL DISCONNECTS AND LOCAL CONTROLS SHOWN AT OR ON EQUIPMENT IN PLAN-VIEW ARE SHOWN FOR SCHEMATIC ASSOCIATIONS ONLY. AVOID INSTALLING DISCONNECTS OR CONTROLS ON EQUIPMENT ENCLOSURES. INSTALL ON ADJACENT WALLS OR BUILDING STRUCTURE, OR PROVIDE FIELD-FABRICATED UNISTRUT OR EQUIVALENT ASSEMBLIES AS NECESSARY AND IN FIELD COORDINATION WITH SITE CONDITIONS AND OTHER TRADES, AND PROVIDE ALL RELATED WORK IN STRICT COMPLIANCE WITH NFPA 70, INCLUDING ARTICLE 110.26.
- EQUIPMENT & LOAD COORDINATION: REFER TO AND COORDINATE WITH POWER FLOOR PLANS, EQUIPMENT SCHEDULES (INCLUDING EQUIPMENT COORDINATION SCHEDULES), DRAWINGS OF ALL TRADES, ALL DIVISIONS AND SECTIONS OF SPECIFICATIONS AND INSTALLERS OF ALL TRADES. BASED ON ACTUAL EQUIPMENT BEING PROVIDED, DETERMINE AND PROVIDE APPROPRIATE BREAKERS, FUSES, CONDUCTORS, CONTROLS, POWER DISTRIBUTION EQUIPMENT, ETC. PERFORM THESE SERVICES PRIOR TO FURNISHING POWER DISTRIBUTION EQUIPMENT SUBMITTALS.
- EXTERIOR ELECTRICAL WORK AND WORK SUBJECT TO MOISTURE: EXTERIOR ELECTRICAL WORK SHALL BE WEATHERPROOF AND WATER-TIGHT, AND SHALL BE RUST-RESISTANT. PROVIDE XHHW-2 CONDUCTORS FOR ALL APPLICATIONS THAT ARE BELOW GRADE OR SUBJECT TO MOISTURE. PROVIDE MINIMUM NEMA 3R ENCLOSURES FOR ALL OUTDOOR EQUIPMENT AND ALL INDOOR EQUIPMENT THAT IS SUBJECT TO MOISTURE. PROVIDE NEMA 1 ENCLOSURES FOR ALL OTHER INDOOR EQUIPMENT.
- EQUIPMENT GROUNDING CONDUCTORS: PROVIDE EQUIPMENT GROUNDING CONDUCTORS IN STRICT COMPLIANCE WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE (NFPA 70), INCLUDING ARTICLE 250 AND TABLE 250.122. THESE CONDUCTORS MAY OR MAY NOT BE INDICATED ON SINGLE LINE DIAGRAMS OR ELSEWHERE, BUT SHALL BE PROVIDED UNDER BASE BID NEVERTHELESS.
- OVERHEAD WORK: HOLD ALL NEW OVERHEAD ELECTRICAL WORK AS TIGHTLY AS POSSIBLE TO THE BOTTOM OF THE OVERHEAD STRUCTURE. DO NOT INSTALL ANY ELECTRICAL WORK WITHIN SIX INCHES OF ROOF DROPPING.
- COORDINATION DRAWINGS: LAYOUT ALL PROPOSED RACEWAY ROUTING, ELEVATIONS, INSTALLATION METHODS, ETC. ON COORDINATION DRAWINGS AND COORDINATE ALL PROPOSED RACEWAY ROUTING WITH ALL AFFECTED TRADES PRIOR TO COMMENCING WITH WORK. IN ADDITION, REVIEW THE INFORMATION WITH ARCHITECT, ENGINEER AND OWNER FOR ALL AREAS WHERE THE RACEWAYS WILL BE VISIBLE AFTER COMPLETION OF CONSTRUCTION.
- JUNCTION AND PULL BOXES: LOCATE JUNCTION AND PULL BOXES SO THAT THEY REMAIN ACCESSIBLE AFTER ALL CONSTRUCTION WORK IS COMPLETE. COORDINATE ALL WORK WITH ALL OTHER TRADES PRIOR TO COMMENCEMENT OF THE WORK. LOCATE BOXES IN A MANNER THAT AVOIDS HAVING TO USE ACCESS PANELS. IF ACCESS PANELS ARE INEVITABLE, PROVIDE THEM RATED TO MEET OR EXCEED THE FIRE AND/OR SMOKE RATINGS OF THE RESPECTIVE CEILING OR WALL, AND OBTAIN APPROVAL OF DESIGN PROFESSIONALS FOR EACH LOCATION.
- CONDUCTOR TERMINATIONS: IN CASES WHERE CONDUCTOR SIZES ARE TOO LARGE TO FIT INTO LUGS/TERMINALS, PROVIDE APPROPRIATE FACTORY LUG KITS FOR AFFECTED EQUIPMENT IF AVAILABLE. ELSEWHERE, PROVIDE INSULATED BUTT SPLICES OR EQUIVALENT METHOD WITH TAILS SIZED TO FIT LUGS/TERMINALS. PROVIDE SPLICES IN SEPARATE BOXES IF REQUIRED BASED ON FIELD CONDITIONS. BOX SIZE LIMITATIONS, ETC. CONCEAL BOXES IN ACCESSIBLE OVERHEAD JOIST SPACES IN FINISHED REGULARLY OCCUPIED AREAS.

**GENERAL PROJECT REQUIREMENTS**

THIS UNIT SUBSTATION IS SERVED FROM A PRIVATE MEDIUM VOLTAGE LOOP THAT REQUIRES OPENING OF SWITCHES IN OTHER BUILDINGS TO DE-ENERGIZE THIS EQUIPMENT. IMPACT TO ALL BUILDINGS SHALL BE MINIMIZED AS MUCH AS POSSIBLE. NWU PLANT SHALL BE AWARE OF ALL WORK THAT REQUIRES AN OUTAGE AND THIS WORK SHALL BE SCHEDULED AT LEAST 5 DAYS IN ADVANCE.

CONTACT JEFF JONES AT (513) 604-2431 AND INCLUDE HIS COSTS WITHIN THE SCOPE OF THIS PROJECT. JEFF'S TEAM SHALL PERFORM ALL MEDIUM VOLTAGE SWITCHING, SAFETY PROCEDURES, EQUIPMENT TESTING AND STARTUP OF NEW EQUIPMENT.

ANY RIGGER MEETING PROJECT REQUIREMENTS MAY BE USED FOR EQUIPMENT TRANSPORTATION. DURING DESIGN, DORAN RIGGING (513) 681-6939 HAS BEEN TO THE SITE AND REVIEWED THE PATH AND MEANS TO RIG EQUIPMENT INTO SPACE.

REFER TO OWNER PROVIDED INFORMATION FOR SCHEDULED WORK PERIOD. AT THE END OF THIS PERIOD, ALL PANELS AND EQUIPMENT MUST BE ENERGIZED AND FULLY OPERATIONAL. ALL MEANS MUST BE MADE TO ENSURE THIS TIMELINE IS MET INCLUDING ADDITIONAL SHIFTS, ADDITIONAL WORKERS, WEEKEND TIME, ETC.

REFER TO OWNER PROVIDED INFORMATION FOR A DESCRIPTION OF LIQUIDATED DAMAGES THAT WILL BE INCURRED IF BUILDING IS STILL WITHOUT POWER TO ALL EQUIPMENT AFTER THIS PERIOD.

DURING OUTAGE, PROVIDE ALL TEMPORARY POWER AND LIGHTING FOR WORKING AND RIGGING OF NEW EQUIPMENT.



4 Basement Route Plan  
1/8" = 1'-0"



Removable panel above door to be removed if needed.



REWORK LIGHTING OUT OF WAY BEFORE BRINGING EQUIPMENT THROUGH.

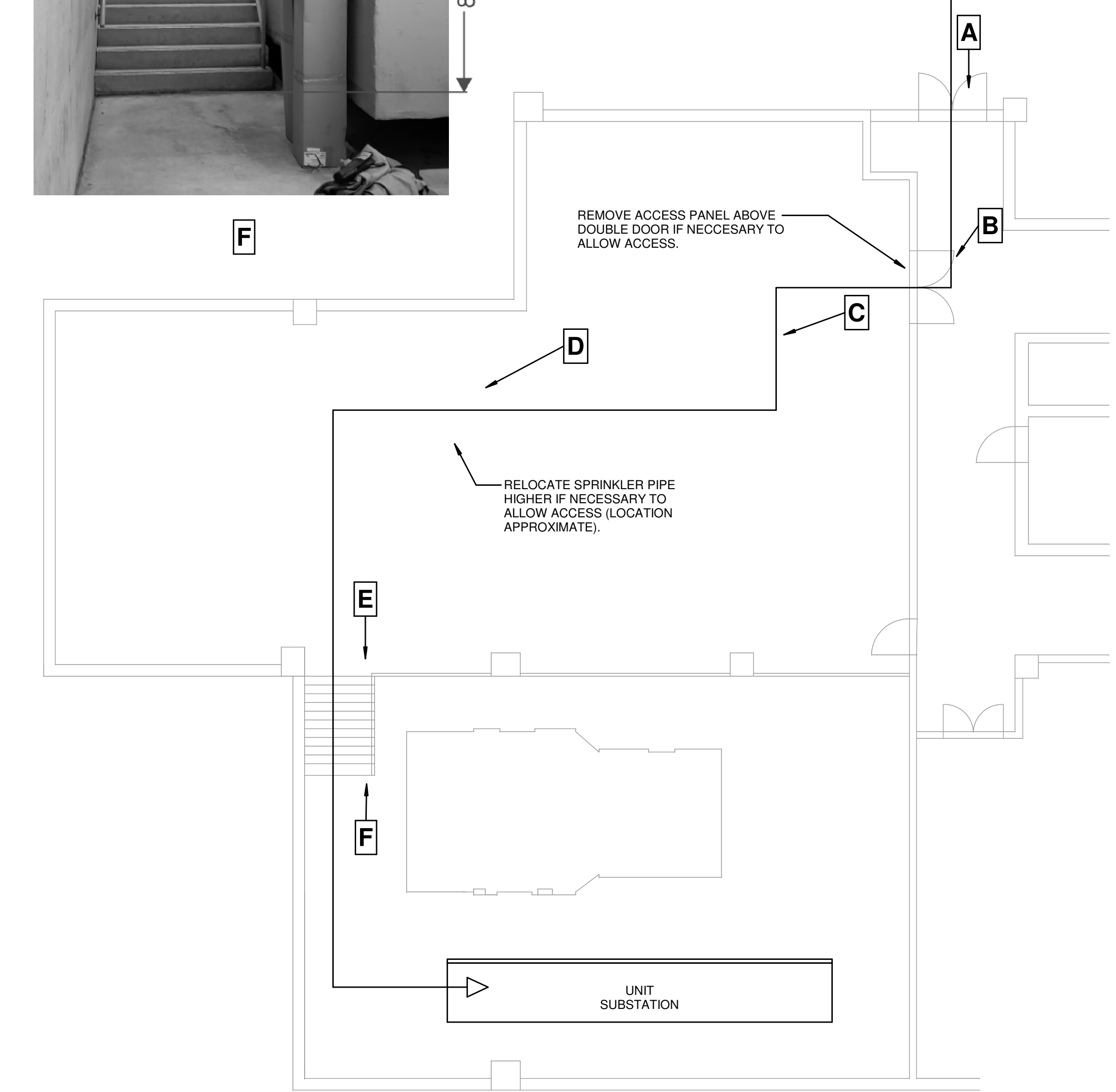


5'5"



REMOVE ACCESS PANEL ABOVE DOUBLE DOOR IF NECESSARY TO ALLOW ACCESS.

RELOCATE SPRINKLER PIPE HIGHER IF NECESSARY TO ALLOW ACCESS (LOCATION APPROXIMATE).



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Nunn Hall Electric Distribution Upgrade  
Highland Heights, KY 41076  
Northern Kentucky University

PRELIMINARY  
NOT FOR  
CONSTRUCTION

REVISIONS  
02/25/20 Bid Documents

DWN: RTT CHK: SNF

PROJ. DATE

SHEET DATE 02/25/20

JOB NO.

ELECTRIC  
COVER SHEET

E-001  
2" REFERENCE LINE  
KLH JOB NUMBER: 21438