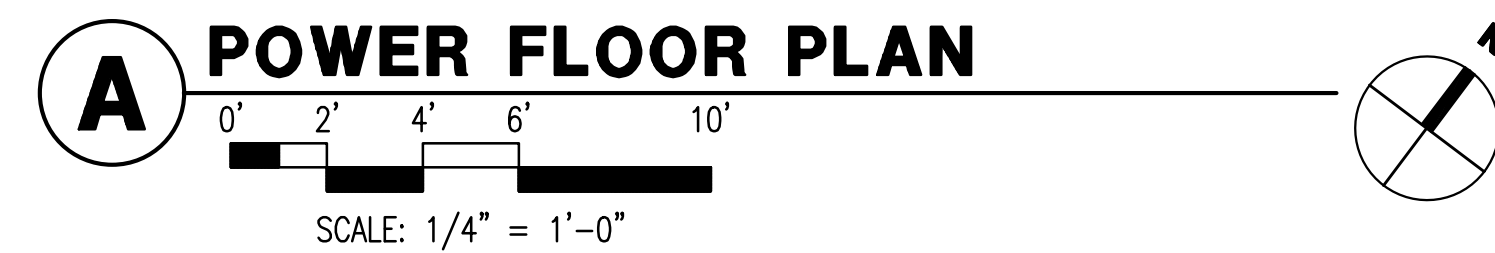


**PLAN NOTES:**

- BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS WITH INDIVIDUAL NEUTRALS. A MAXIMUM OF THREE CIRCUITS (MAXIMUM OF THREE PHASE CONDUCTORS) MAY BE GROUPED IN A SINGLE CONDUIT. WHERE MULTIPLE CIRCUITS ARE LOCATED IN THE SAME RACEWAY, JUNCTION BOX OR ENCLOSURE, NEUTRALS SHALL BE MARKED OR LABELED TO INDICATE WHICH CIRCUIT THEY ARE ASSOCIATED WITH. SEE SPECIFICATION SECTION "LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES" FOR ADDITIONAL INFORMATION.
- A GROUND CONDUCTOR SIZED PER N.E.C. ARTICLE 250 IS REQUIRED IN ALL CONDUITS.
- FOR CONNECTION REQUIREMENTS TO MECHANICAL UNITS, SEE MECHANICAL EQUIPMENT CONNECTION SCHEDULE.
- FOR ALL PENETRATIONS IN FIRE RATED WALLS AND CEILINGS, PROVIDE AN ASTM E814 COMPLIANT, U.L. LISTED THROUGH PENETRATION FIRE STOPPING SYSTEM THAT IS SPECIFIC TO THE WALL OR CEILING CONSTRUCTION ASSEMBLY. INSTALL SYSTEM IN STRICT COMPLIANCE WITH THE U.L. ASSEMBLY INDICATED IN THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
- ALL PIPING, CONDUIT, AND OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) IN FIRE RATED WALLS OR CEILINGS SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.
- OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES OR PROTECTED BY OTHER MEANS ALLOWED BY THE SPECIFIC U.L. ASSEMBLY.

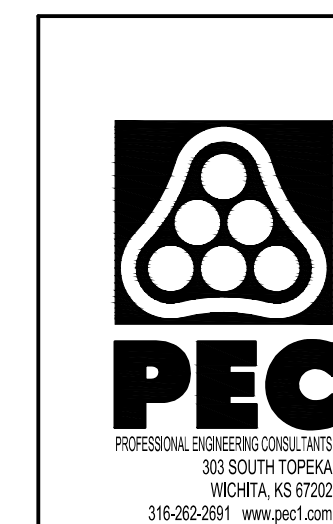
**KEYED NOTES:**

- GENERATOR SYNCHRONIZATION SWITCHGEAR TO BE SQUARE-D.
- CHLORINE ANALYZER. POWER TO BE SUPPLIED FROM ADJACENT RECEPTACLE. CONTROL POWER TO BE ROUTED AS REQUIRED.
- CONNECT TO EXISTING 120V. RECEPTACLE BRANCH CIRCUIT AS SHOWN ON PLAN.
- EXTEND AND REWORK EXISTING CONDUIT AND WIRING TO PROPOSED LOCATION OF 'UH-4'.
- MOTORIZED LOUVER. PROVIDE FUSTAT FOR CONNECTION TO MOTORIZED LOUVER. COORDINATE MOUNTING LOCATION WITH LOUVER PROVIDED. COORDINATE CONTROLS WITH EXISTING AHUS.
- RELOCATED EXISTING OVERHEAD DOOR DISCONNECT SWITCH AND PUSH-BUTTON CONTROL SWITCH.
- RELOCATED EXISTING RECEPTACLE LOCATION. EXTEND CONDUIT AND WIRING AS REQUIRED.



**A POWER FLOOR PLAN**

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1	CONSTRUCTION DOCUMENTS		03-04-21
No.	Revision	By	Date
CITY OF WICHITA, KANSAS			
<b>POWER FLOOR PLAN</b>			
STANDBY POWER GENERATION - SOUTHEAST PUMP STATION			
<b>Professional Engineering Consultants, P.A.</b> 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	DCG	Job No.	180537-000
Drawn by	JAR	Checked by	DCG
Date	MARCH 2021	Dwg No.	E111