

H AND P EQUIPMENT

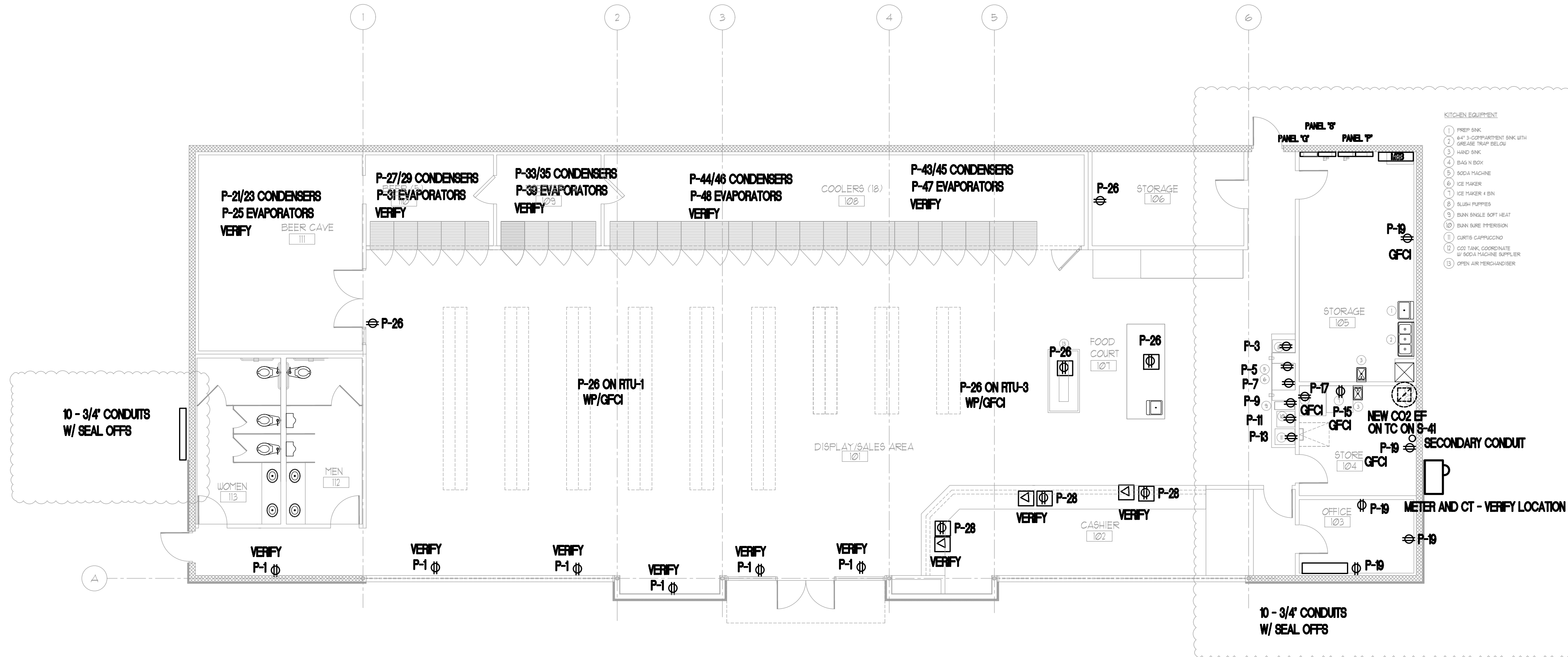
RTU-1
P-2/4/6
60A/NF/WP/3P DISC

RTU-2
P-8/10/12
60A/NF/WP/3P DISC

RTU-3
P-14/16/18
60A/NF/WP/3P DISC

DWH-1
P-20
60A/NF/WP/1P DISC

DWH-2
P-22/24
100A/NF/WP/3P DISC



GENERAL NOTES: ELECTRICAL PLANS

- A. ALL WORK SHALL BE IN COMPLETE CONFORMANCE WITH THE LATEST APPLICABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND NFPA 70 LIFE SAFETY CODES AT MINIMUM, WHETHER EXPLICITLY SHOWN OTHERWISE OR NOT.
- B. THESE PLANS ARE ACCOMPANIED BY SPECIFICATIONS.
- C. ALL CONDUCTORS ARE COPPER AND ARE ROUTED IN CONDUIT.
- D. PRODUCE A PLAN FOR SUBMISSION IN COORDINATION WITH THE SPRINKLER, HVAC AND PLUMBING CONTRACTORS TO COORDINATE ROUTING AND PLACEMENT OF DEVICES, ANGULARITIES, FIXTURES, CONDUIT, ETC., SO THAT NO COORDINATION PROBLEMS OCCUR. THIS SHALL BE DONE PRIOR TO INITIATION OF ANY WORK.
- E. REFER TO ARCHITECTURAL PLANS FOR CEILING HEIGHTS, WALL CONSTRUCTION AND LOCATIONS OF VISIBLE OBJECTS ON THE EXTERIOR OF THE BUILDING.

- F. FOR ADDITIONAL INFORMATION AND FOR EXACT POINT OF CONNECTIONS OF ROUGH-IN POINTS TO EQUIPMENT, SEE BOTH THE EQUIPMENT CUT SHEETS AS WELL AS THE ARCHITECTURAL PLANS AND SPECIFICATIONS. VERIFY ALL ELEVATIONS AS WELL AS EXACT REQUIRED LOCATIONS OF ELECTRICAL CONNECTIONS AND CONN. EQUIP. PRIOR TO INITIATING ANY WORK, BECAUSE ALL ELEVATIONS ARE APPROX.
- G. BE RESPONSIBLE NOT ONLY FOR THE ROUGH-IN POINTS REQUIRED AS SHOWN GENERALLY HEREIN, BUT ALSO FOR FINAL CONNECTION TO ALL EQUIPMENT AND THE FINISHING AND INSTALLING OF MATERIALS AND LABOR FOR SUCH AS REQUIRED TO MAKE FULLY FUNCTIONAL.
- H. PROVIDE CONNECTIONS TO ALL EQUIPMENT AS RECOMMENDED BY THE MANUFACTURER. IF EQUIPMENT COMES WITH A CORD AND PLUG, PROVIDE MATCHING RECEPTACLE IN REQUIRED JUNCTION BOX. EXACT LOCATIONS OF OUTLETS FOR ALL EQUIPMENT SHALL BE AS DIRECTED BY SUPPLIERS SHOP DRAWINGS.
- I. PROVIDE PLUG AND CORD FOR ALL EQUIPMENT NOT SHIPPED WITH A PLUG AND CORD BUT REQUIRES CONNECTION TO A RECEPTACLE. PLUG AND CORD SHALL BE APPROPRIATE NEMA TYPE, UL LISTED AND SIZED TO HANDLE THE LOAD PER THE NEC.
- J. ALL FLEXIBLE CONDUIT SHALL BE LIQUID TIGHT CONDUIT

POWER PLAN

SCALE: 1/8" = 1'-0"

Graphic Scale:
0 4 8

ELECTRICAL SYMBOLS:

- ⊕ DUPLEX RECEPTACLE - MOUNT AT 9" AFF TO BOTTOM OF BOX UNLESS OTHERWISE NOTED.
- ⊕ DOUBLE DUPLEX RECEPTACLE ("QUADRUPLEX")
- ⊕ SPECIAL PURPOSE RECEPTACLE
- △ TELEPHONE JACK - PROVIDE & INSTALL CONDUIT & J-BOX AS REQ'D. TO CEILING WITH PULL WIRE.
- \$ SINGLE POLE, SINGLE LEVER SWITCH AT 40" AFF UNO.
- ⊕ 2 X 3 JUNCTION BOX - MTD. AS SHOWN
- INDICATES DROP IN WALL FROM CEILING
- CONDUIT ABOVE CEILING OR IN WALLS
- - - FLEXIBLE CONDUIT BELOW FLOOR OR COUNTER
- ||| CONDUCTORS (| IS NEUTRAL, | IS HOT, | IS GROUND)

FEEDER SCHEDULE

1 PHASE BRANCH CIRCUIT WIRE SIZE (2P CIRCUITS) (UNLESS NOTED OTHERWISE)

30 AMPERE BRANCH CIRCUIT FEEDERS SHALL BE 2/0, 110 GND IN 1/2" C.

40 AMPERE BRANCH CIRCUIT FEEDERS SHALL BE 2/0, 110 GND IN 3/4" C.

60 AMPERE BRANCH CIRCUIT FEEDERS SHALL BE 3/0, 118 GND IN 1" C.

100 AMPERE BRANCH CIRCUIT FEEDERS SHALL BE 3/0, 118 GND IN 1 1/4" C.

150 AMPERE BRANCH CIRCUIT FEEDERS SHALL BE 3-1/0 WITH #2 GND IN 1 1/2" C.

3 PHASE BRANCH CIRCUIT WIRE SIZE (UNLESS NOTED OTHERWISE)

200 AMPERE BRANCH CIRCUIT FEEDERS SHALL BE 4-1/0 WITH #2 GND IN 2" C.

100 AMPERE BRANCH CIRCUIT FEEDERS SHALL BE 4/0, 118 GND IN 1 1/4" C.

75 AMPERE BRANCH CIRCUIT FEEDERS SHALL BE 4/0, 118 GND IN 1 1/4" C.

70 AMPERE BRANCH CIRCUIT FEEDERS SHALL BE 4/0, 118 GND IN 1 1/4" C.

60 AMPERE BRANCH CIRCUIT FEEDERS SHALL BE 4/0, 118 GND IN 1" C.

45 AMPERE BRANCH CIRCUIT FEEDERS SHALL BE 4/0, 110 GND IN 1" C.

40 AMPERE BRANCH CIRCUIT FEEDERS SHALL BE 4/0, 110 GND IN 3/4" C.

30 AMPERE BRANCH CIRCUIT FEEDERS SHALL BE 4/0, 110 GND IN 3/4" C.

7=18=24 FIELD REVISIONS
6-23-23 CODE RESPONSES
5-15-23 CODE RESPONSES
9-1-22 REVIEW SET

SERVICE STATION AND
CONVENIENCE STORE

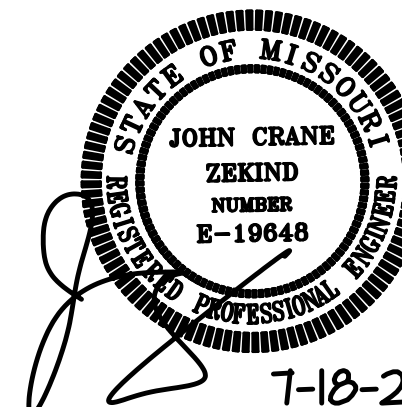
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E-1



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