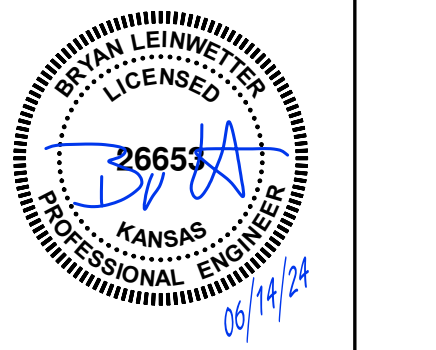


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JUNE 14, 2024

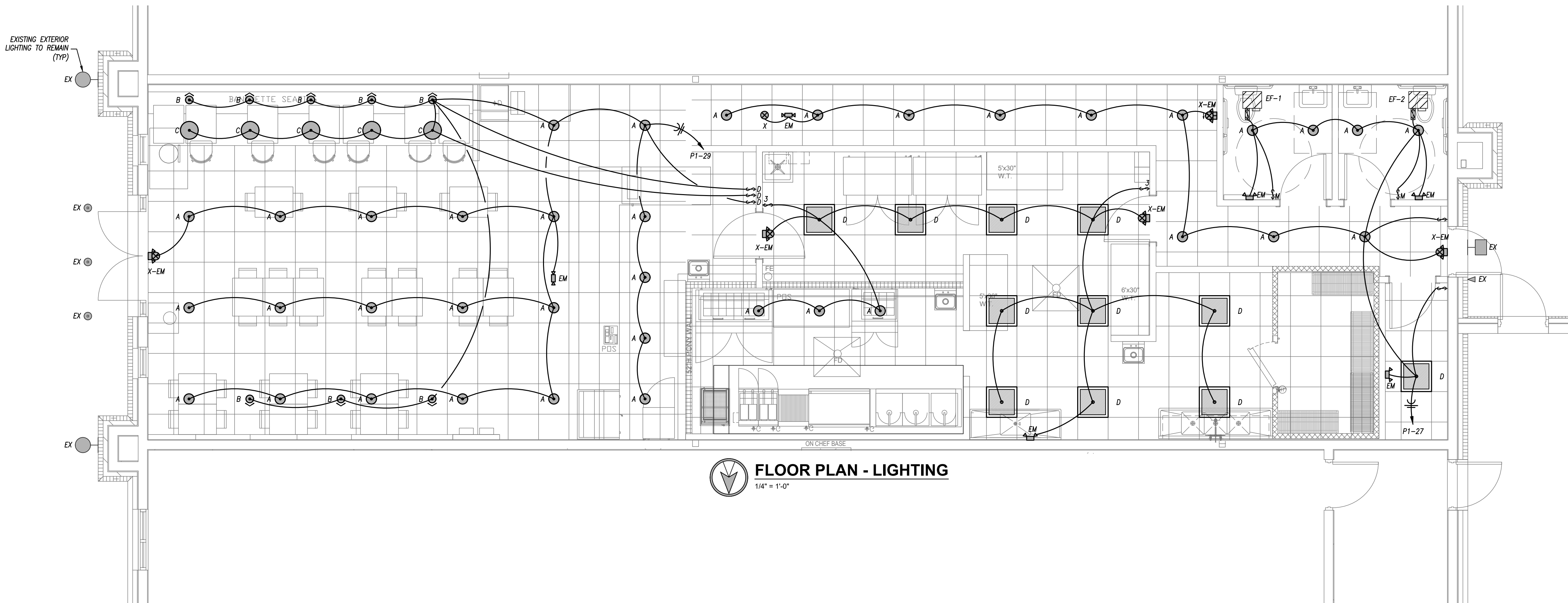
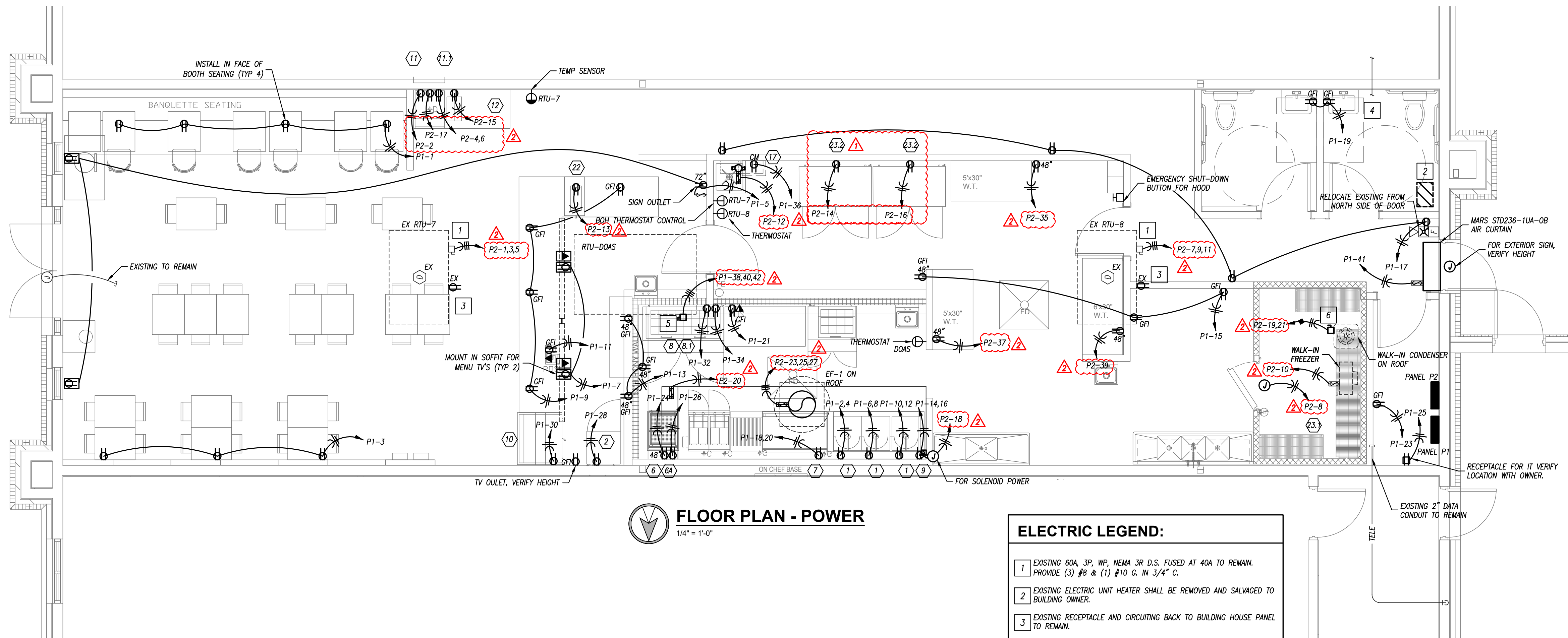
Revisions  
JUNE 28, 2024  
SEPTEMBER 5, 2024

RESTAURANT TENANT INFILL  
**NICK THE GREEK**  
STREET'S OF WEST PRYOR  
XXX PRYOR  
LEE'S SUMMIT, MO

sheet  
**E1.0**  
ELECTRICAL PLANS

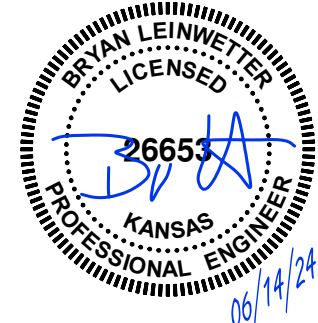
## GENERAL ELECTRICAL NOTES:

1. REFER TO KITCHEN EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL INFORMATION ON MEP CONNECTIONS TO EQUIPMENT.



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dimensions is required.



CD  
JUNE 14, 2024

Revisions  
SEPTEMBER 5, 2024

RESTAURANT TENANT INFILL  
NICK THE GREEK  
STREET'S OF WEST PRYOR  
XXX PKOR  
LEE'S SUMMIT, MO

sheet  
E1.1  
ELECTRICAL DETAILS &  
SCHEDULES

## SINGLE-SECTION PANELBOARD SCHEDULE

| PANEL DESIGNATION: P1      |       |      |      |      |      | CIRCUIT # | MAIN LUG AMPS: 225<br>MAIN BREAKER: 200<br>VOLTAGE: 208/120<br>PHASE/WIRE: 3Ø, 4W |      |       |      |       |             | SCCR RATING (AIC): 22,000 |        |  |                            |  |  |
|----------------------------|-------|------|------|------|------|-----------|-----------------------------------------------------------------------------------|------|-------|------|-------|-------------|---------------------------|--------|--|----------------------------|--|--|
| MOUNTING: -<br>LOCATION: - |       |      |      |      |      |           |                                                                                   |      |       |      |       |             |                           |        |  |                            |  |  |
| DESCRIPTION                | PHASE |      |      | C/B  |      |           | C/B                                                                               |      | PHASE |      |       | DESCRIPTION |                           |        |  |                            |  |  |
|                            | A     | B    | C    | TRIP | POLE |           | POLE                                                                              | TRIP | A     | B    | C     |             |                           |        |  |                            |  |  |
| REC: BANQUETTE SEATING     | 720   |      |      | 20   | 1    | 2         | 1                                                                                 | 2    | 1     | 20   | 240   |             |                           |        |  | BROILER*                   |  |  |
| REC: S DINING              |       | 540  |      | 20   | 1    | 3         | 4                                                                                 | -    | -     | -    | -     |             |                           |        |  | SHUNT TRIP                 |  |  |
| REC: OPEN SIGNS            |       |      | 540  | 20   | 1    | 5         | 6                                                                                 | 1    | 20    |      |       |             |                           | 240    |  | BROILER*                   |  |  |
| REC: MENU SIGNS            | 360   |      |      | 20   | 1    | 7         | 8                                                                                 | -    | -     | -    | -     |             |                           |        |  | SHUNT TRIP                 |  |  |
| REC: SALES COUNTER         |       | 720  |      | 20   | 1    | 9         | 10                                                                                | 1    | 20    |      |       | 240         |                           |        |  | BROILER*                   |  |  |
| REC: POS                   |       |      | 180  | 20   | 1    | 11        | 12                                                                                | -    | -     | -    | -     |             |                           | -      |  | SHUNT TRIP                 |  |  |
| REC: CONVENIENCE           | 540   |      |      | 20   | 1    | 13        | 14                                                                                | 1    | 20    |      | 950   |             |                           |        |  | WARMING DRAWER*            |  |  |
| REC: CONVENIENCE           |       | 540  |      | 20   | 1    | 15        | 16                                                                                | -    | -     | -    | -     |             |                           |        |  | SHUNT TRIP                 |  |  |
| REC: BOH                   |       |      | 720  | 20   | 1    | 17        | 18                                                                                | 1    | 20    |      |       |             |                           | 1188   |  | CHEF BASE REFRIGERATOR*    |  |  |
| REC: RESTROOMS             | 360   |      |      | 20   | 1    | 19        | 20                                                                                | -    | -     | -    | -     |             |                           |        |  | SHUNT TRIP                 |  |  |
| REC: POS                   |       | 180  |      | 20   | 1    | 21        | 22                                                                                | 1    | 20    |      |       | -           |                           |        |  | SPARE                      |  |  |
| REC: MECH                  |       |      | 180  | 20   | 1    | 23        | 24                                                                                | 1    | 20    |      |       |             |                           | 264    |  | REFRIGERATED WORK TOP*     |  |  |
| REC: IT/TELEDATA           | 360   |      |      | 20   | 1    | 25        | 26                                                                                | 1    | 20    |      | 1200  |             |                           |        |  | ELECTRIC FOOD WARMER       |  |  |
| LIGHTING: KITCHEN          |       | 870  |      | 20   | 1    | 27        | 28                                                                                | 1    | 20    |      |       |             | 432                       |        |  | PEPSI COOLER*              |  |  |
| LIGHTING: DINING           |       |      | 812  | 20   | 1    | 29        | 30                                                                                | 1    | 20    |      |       |             |                           | 1320   |  | REFRIGERATED DISPLAY CASE* |  |  |
| SPARE                      | -     |      |      | 20   | 1    | 31        | 32                                                                                | 1    | 20    |      | 936   |             |                           |        |  | PREP FRIDGE*               |  |  |
| SPARE                      |       | -    |      | 20   | 1    | 33        | 34                                                                                | 1    | 20    |      |       |             | 540                       |        |  | PREP FRIDGE*               |  |  |
| REC: FUTURE FREEZER**      |       |      | 1200 | 20   | 1    | 35        | 36                                                                                | 1    | 20    |      |       |             |                           | 500    |  | TANKLESS WATER HEATER*     |  |  |
| REC: FUTURE FREEZER**      | 1200  |      |      | 20   | 1    | 37        | 38                                                                                | 3    | 90    | 9672 |       |             |                           |        |  | RTU-DOAS                   |  |  |
| REC: FUTURE FREEZER**      |       | 1200 |      | 20   | 1    | 39        | 40                                                                                | -    | -     | -    |       |             | 9672                      |        |  | -                          |  |  |
| AIR CURTAIN                |       |      | 612  | 15   | 1    | 41        | 42                                                                                | -    | -     | -    |       |             |                           | 9672   |  | -                          |  |  |
| TOTALS                     |       | 3540 | 4050 | 4244 |      |           |                                                                                   |      |       |      | 12998 | 10884       | 13184                     | TOTALS |  |                            |  |  |

| PANELBOARD SIZING LOAD |           |                  |                |
|------------------------|-----------|------------------|----------------|
| LOAD DESCRIPTION       | CONNECTED | DEMAND           | CODE MIN. (VA) |
| LIGHTS                 | 1,682     | 1.25             | 2,103          |
| RECEPTACLES            | 9,540     | 10KVA + 50% REST | 9,540          |
| MOTORS                 | 612       |                  | 765            |
| AIR CONDITIONING       | 29,016    | 1.00             | 29,016         |
| SPACE HEATING          | 0         | 0.00             | 0              |
| HEAT PUMP              | 0         | 1.00             | 0              |
| CONTINUOUS             | 0         | 1.25             | 0              |
| NON-CONTINUOUS         | 0         | 1.00             | 0              |
| MISC. LOADS 1          | 0         | 1.00             | 0              |
| SIZING LOAD:           |           |                  | 46,656         |
| SIZING LOAD (AMPS):    |           |                  | 130            |

| CONNECTED PHASE LOADS |        |       |
|-----------------------|--------|-------|
| PHASE                 | VA     | AMPS  |
| A                     | 16,538 | 137.7 |
| B                     | 14,934 | 124.4 |
| C                     | 17,428 | 145.1 |
| TOTALS                | 48,900 | 135.7 |

REMARKS:  
1. EATON POW-R-LINE 1X OR EQUAL.  
2.\* MARKS A GFI BREAKER.

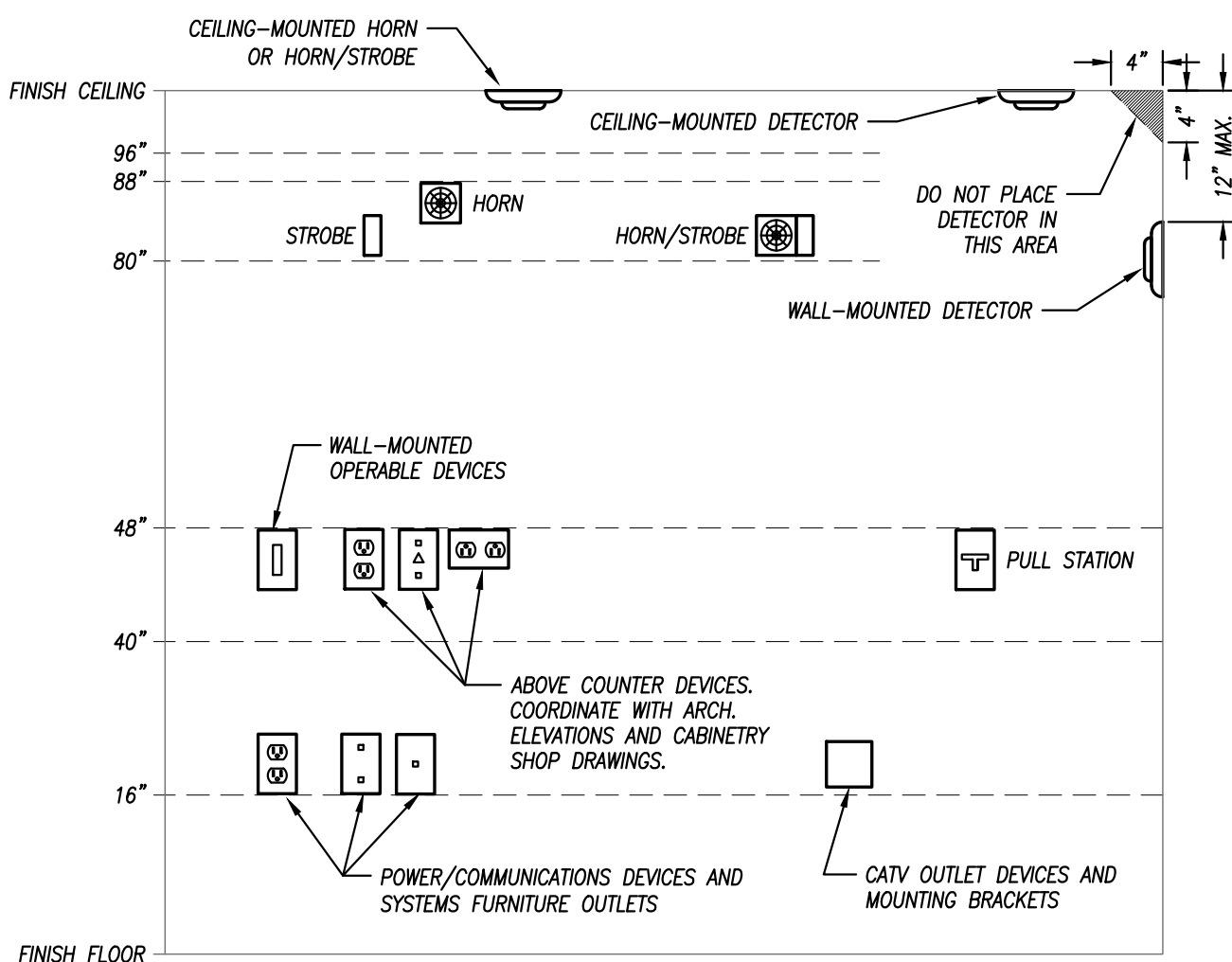
## SINGLE-SECTION PANELBOARD SCHEDULE

| PANEL DESIGNATION: P2      |       |       |      |      |      | CIRCUIT # | MAIN LUG AMPS: 225<br>MAIN BREAKER: 200<br>VOLTAGE: 208/120<br>PHASE/WIRE: 3Ø, 4W |      |    |   |      |      | SCCR RATING (AIC): 22,000 |       |   |                           |  |  |
|----------------------------|-------|-------|------|------|------|-----------|-----------------------------------------------------------------------------------|------|----|---|------|------|---------------------------|-------|---|---------------------------|--|--|
| MOUNTING: -<br>LOCATION: - |       |       |      |      |      |           |                                                                                   |      |    |   |      |      |                           |       |   |                           |  |  |
| DESCRIPTION                | PHASE |       |      | C/B  |      |           | POLE                                                                              | TRIP | A  | B | C    | C/B  |                           | PHASE |   | DESCRIPTION               |  |  |
|                            | A     | B     | C    | TRIP | POLE | POLE      |                                                                                   |      |    |   |      | TRIP | A                         | B     | C |                           |  |  |
| RTU-7                      | 3384  |       |      | 40   | 3    | 1         | 2                                                                                 | 1    | 20 |   | 288  |      |                           |       |   | ICE BEV DISPENSER*        |  |  |
| -                          |       | 3384  |      | -    | -    | 3         | 4                                                                                 | 2    | 20 |   |      | 1144 |                           |       |   | ICE MAKER*                |  |  |
| -                          |       |       | 3384 | -    | -    | 5         | 6                                                                                 | -    | -  |   | -    | -    |                           | 1144  |   | -                         |  |  |
| RTU-8                      | 3384  |       |      | 40   | 3    | 7         | 8                                                                                 | 1    | 20 |   | 1800 |      |                           |       |   | WALK-IN COOLER            |  |  |
| -                          |       | 3384  |      | -    | -    | 9         | 10                                                                                | 1    | 20 |   |      | 1800 |                           |       |   | WALK-IN COOLER EVAPORATOR |  |  |
| -                          |       |       | 3384 | -    | -    | 11        | 12                                                                                | 1    | 20 |   |      |      |                           | 500   |   | RCP                       |  |  |
| SOFT SERVE MACHINE*        | 1680  |       |      | 20   | 1    | 13        | 14                                                                                | 1    | 20 |   | 660  |      |                           |       |   | FREEZER                   |  |  |
| BUBBLER MINI TWIN*         |       | 400   |      | 20   | 1    | 15        | 16                                                                                | 1    | 20 |   |      | 660  |                           |       |   | FREEZER                   |  |  |
| ICE BEV DISPENSER*         |       |       | 300  | 20   | 1    | 17        | 18                                                                                | 1    | 15 |   |      |      | 10                        |       |   | SOLENOID VALVE            |  |  |
| WALK-IN CONDENSER          | 2496  |       |      | 30   | 2    | 19        | 20                                                                                | 1    | 20 |   | 500  |      |                           |       |   | KITCHEN HOOD              |  |  |
| -                          |       | 2496  |      | -    | -    | 21        | 22                                                                                | 1    | 20 |   |      | -    |                           |       |   | SPARE                     |  |  |
| KEF-1                      |       |       | 1800 | 30   | 3    | 23        | 24                                                                                | 1    | 20 |   |      | -    |                           | -     |   | SPARE                     |  |  |
| -                          |       | 1800  |      | -    | -    | 25        | 26                                                                                | 1    | 20 |   | -    |      |                           |       |   | SPARE                     |  |  |
| -                          |       |       | 1800 | -    | -    | 27        | 28                                                                                | 1    | 20 |   | -    |      |                           |       |   | SPARE                     |  |  |
| SPARE                      |       | -     |      | 20   | 1    | 29        | 30                                                                                | 1    | 20 |   |      | -    |                           |       |   | SPARE                     |  |  |
| -                          | -     |       |      | -    | 1    | 31        | 32                                                                                | 1    | -  |   | -    | -    |                           |       |   | -                         |  |  |
| -                          |       | -     |      | -    | 1    | 33        | 34                                                                                | 1    | -  |   | -    | -    |                           |       |   | -                         |  |  |
| -                          |       |       | -    | -    | 1    | 35        | 36                                                                                | 1    | -  |   | -    | -    |                           |       |   | -                         |  |  |
| -                          |       | -     |      | -    | 1    | 37        | 38                                                                                | 1    | -  |   | -    | -    |                           |       |   | -                         |  |  |
| -                          |       |       | -    | -    | 1    | 39        | 40                                                                                | 1    | -  |   | -    | -    |                           |       |   | -                         |  |  |
| -                          |       | -     |      | -    | 1    | 41        | 42                                                                                | 1    | -  |   | -    | -    |                           |       |   | -                         |  |  |
| TOTALS                     | 12744 | 11464 | 8868 |      |      |           |                                                                                   |      |    |   | 3248 | 3604 | 1654                      |       |   | TOTALS                    |  |  |

| PANELBOARD SIZING LOAD |           |                  |                |
|------------------------|-----------|------------------|----------------|
| LOAD DESCRIPTION       | CONNECTED | DEMAND           | CODE MIN. (VA) |
| LIGHTS                 | 0         | 1.25             | 0              |
| RECEPTACLES            | 0         | 10KVA + 50% REST | 0              |
| MOTORS                 | 5,400     |                  | 6,750          |
| AIR CONDITIONING       | 20,304    | 1.00             | 20,304         |
| SPACE HEATING          | 0         | 0.00             | 0              |
| HEAT PUMP              | 0         | 1.00             | 0              |
| CONTINUOUS             | 10,422    | 1.25             | 13,028         |
| NON-CONTINUOUS         | 0         | 1.00             | 0              |
| MISC. LOADS 1          | 0         | 1.00             | 0              |
| SIZING LOAD:           |           |                  | 43,628         |
| SIZING LOAD (AMPS):    |           |                  | 121            |

| CONNECTED PHASE LOADS |        |       |
|-----------------------|--------|-------|
| PHASE                 | VA     | AMPS  |
| A                     | 15,992 | 133.2 |
| B                     | 15,068 | 125.5 |
| C                     | 10,522 | 87.6  |
| TOTALS                | 41,582 | 115.4 |

REMARKS:  
1. EATON POW-R-LINE 1X OR EQUAL.  
2.\* MARKS A GFI BREAKER



GENERAL NOTES:  
1. MOUNTING HEIGHTS SHOWN IN THIS DETAIL ARE TYPICAL UNLESS OTHERWISE NOTED ON THE PLANS.  
2. SEE ARCHITECTURAL ELEVATIONS FOR SPECIAL CONDITIONS. NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS.  
3. ALL INSTALLATIONS SHALL COMPLY WITH ADA.

VISUAL FIRE ALARM NOTIFICATION DEVICES (STROBE)  
LOCATE DEVICE SO THE BOTTOM OF THE DEVICE IS BETWEEN 80" AND 96" A.F.F. (NFPA) OR 6" BELOW CEILING, WHICHEVER IS LOWER (ADA 2010).

AUDIBLE FIRE ALARM NOTIFICATION DEVICES (HORN)  
LOCATE DEVICE SO THAT THE TOP OF UNIT IS NOT MORE THAN 90" A.F.F. AND NOT LESS THAN 6" BELOW CEILING (NFPA).

FIRE ALARM ACTIVATION DEVICES (PULL STATION)  
LOCATE FRONT-APPROACH DEVICES SO THAT THE HIGHEST OPERABLE PORTION OF THE DEVICE IS NOT MORE THAN 48" A.F.F. (ADA 2010) AND NOT LESS THAN 42" A.F.F. (NFPA).

POWER/COMMUNICATION DEVICES  
OUTLETS SHALL BE LOCATED AT 16" A.F.F. TO THE BOTTOM OF THE BOX. ABOVE COUNTER DEVICES SHALL BE LOCATED AT 2" ABOVE THE BACKSPASH OF THE COUNTER TO THE BOTTOM OF THE DEVICES. VERIFY WITH ARCHITECTURAL DETAILS.

WALL-MOUNTED OPERABLE DEVICES  
OPERABLE DEVICES SHALL BE LOCATED AT 48" A.F.F. TO THE TOP OF THE OPERABLE PORTION OF THE DEVICE.

WALL-MOUNTED OPERABLE DEVICES INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:  
LIGHT SWITCHES, DIMMERS, CONTROLS, ETC.  
PUSH BUTTONS  
NURSE/PATIENT CALL DEVICES (INCLUDING THOSE FOR STAFF USE)  
OTHER CONTROL OR "CALL" DEVICES

## MOUNTING HEIGHTS FOR WALL-MOUNTED DEVICES

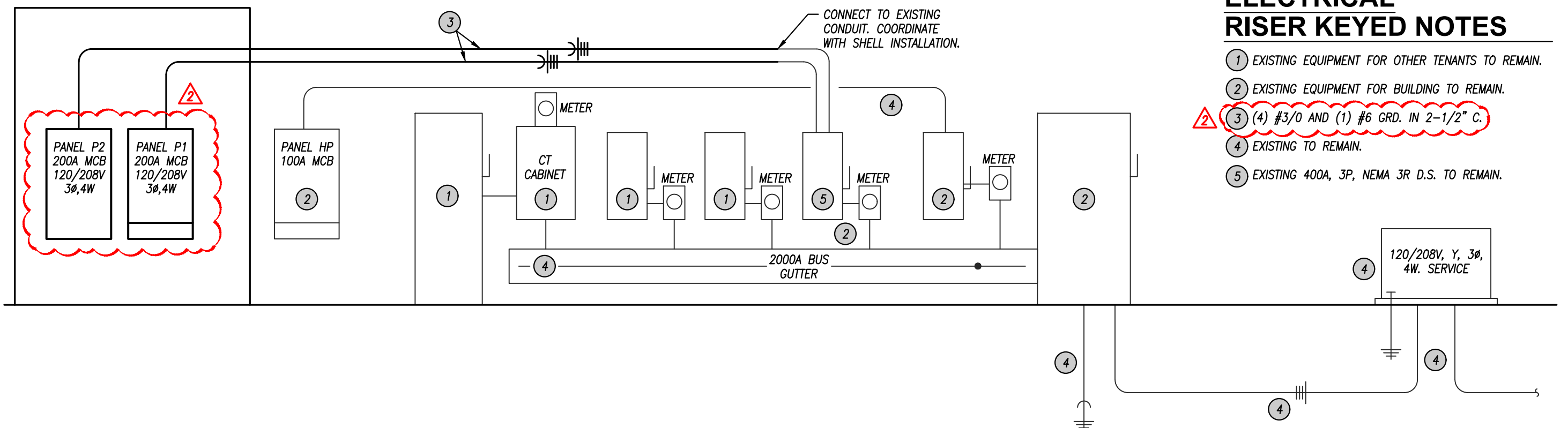
NOT TO SCALE

## LIGHT FIXTURE SCHEDULE

| PLAN MARK | MANUFACTURER    | MODEL NUMBER                          | MOUNTING | FINISH | WATTS/LUMENS     | CR/CCT   | NOTES |
|-----------|-----------------|---------------------------------------|----------|--------|------------------|----------|-------|
| A         | WILLIAMS        | 60R-TL-L20/840-DIM-UNV-LM-OF-CS-R     | RECESSED | WHITE  | 20W/1800 LUMENS  | 80/4000K | 1     |
| B         | LF ILLUMINATION | 8121C-19C-8040-M-MW                   | RECESSED | WHITE  | 19W/2100 LUMENS  | 80/4000K | 1     |
| C         | BREAKWATER BAY  | MADERA 1-LIGHT SINGLE DOME - BKWT3435 | PENDANT  | CHROME | 60W MAX          | 2700K    | 1     |
| D         | WILLIAMS        | LPT-24S-AF1212S-DIM-UNV               | RECESSED | WHITE  | 50W/4,300 LUMENS | 82/3500K | 1     |
| EM        | DUAL LITE       | LZ15-03L                              | SURFACE  | WHITE  | 15W MAX          | --       | 2,3   |
| X         | DUAL LITE       | LXURWE                                | SURFACE  | WHITE  | 15W MAX          | --       | 2,3   |
| X-EM      | DUAL LITE       | HGXURW                                | SURFACE  | WHITE  | 15W MAX          | --       | 2,3   |

NOTES LEGEND

- 1 - PROVIDE DIMMABLE DRIVER FOR 0-10V DOWN TO 10%
- 2 - PROVIDE ELECTRONIC BALLAST
- 3 - PROVIDE EMERGENCY BATTERY (MINIMUM OF 1000 LUMENS FOR 90 MINUTES)

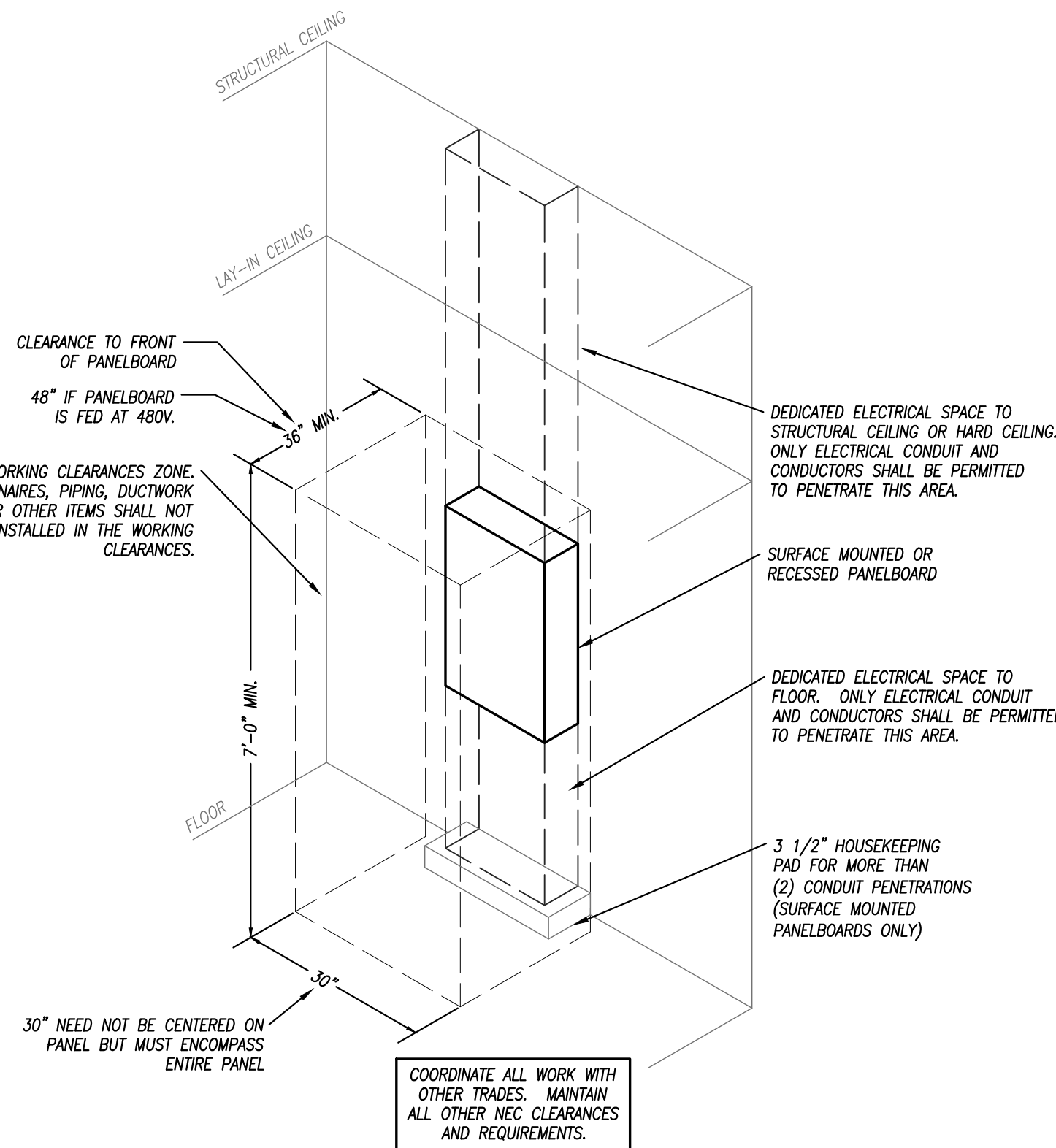


## ELECTRICAL RISER KEYED NOTES

- 1 EXISTING EQUIPMENT FOR OTHER TENANTS TO REMAIN.
- 2 EXISTING EQUIPMENT FOR BUILDING TO REMAIN.
- 3 (4) #3/0 AND (1) #6 GRD. IN 2-1/2" C.
- 4 EXISTING TO REMAIN.
- 5 EXISTING 400A, 3P, NEMA 3R D.S. TO REMAIN.

## ELECTRICAL RISER DIAGRAM

NO SCALE



## TYPICAL PANELBOARD INSTALLATION DETAIL

NOT TO SCALE