



| LIGHTING FIXTURE SCHEDULE |                   |                                                  |          |                   |                        |                                                            |          |                      |              |
|---------------------------|-------------------|--------------------------------------------------|----------|-------------------|------------------------|------------------------------------------------------------|----------|----------------------|--------------|
| TAG                       | MANUFACTURER      | MODEL                                            | LUMENS   | COLOR TEMPERATURE | MOUNTING               | DESCRIPTION                                                | COMMENTS | DIMMING CAPABILITIES | VOLTAGE VA   |
| A4                        | LITHONIA LIGHTING | CPX 5000LM 80CRI 35K SWL MN10 ZT MVOLT           | 5000 lm  | 3500 K            | RECESSED               | 2X4 RECESSED TROFFER                                       |          | 0-10V                | 277 V 40 VA  |
| D6                        | LITHONIA LIGHTING | LDN6 3515 L6 AR LSS MVOLT G210                   | 1500 lm  | 3500 K            | RECESSED               | 6" RECESSED ROUND DOWNLIGHT                                |          | 0-10V                | 277 V 18 VA  |
| D8E                       | LITHONIA LIGHTING | LDN6 3515 L6 AR LSS MVOLT G210 E10WCP            | 1500 lm  | 3500 K            | RECESSED               | 6" RECESSED ROUND DOWNLIGHT WITH EMERGENCY BATTERY BACK-UP |          | 0-10V                | 277 V 18 VA  |
| S4                        | LITHONIA LIGHTING | CSS L48 4000LM MVOLT 35K 80CRI                   | 4000 lm  | 3500 K            | SURFACE                | 4 STRIP LIGHT                                              |          | 0-10V                | 277 V 36 VA  |
| S4P                       | LITHONIA LIGHTING | CSS L48 4000LM MVOLT 35K 80CRI ZACVH             | 4000 lm  | 3500 K            | PENDANT @ 13'-6" AFF   | 4 STRIP LIGHT PENDANT MOUNTED                              |          | 0-10V                | 277 V 36 VA  |
| S8                        | LITHONIA LIGHTING | CSS L96 8000LM MVOLT 35K 80CRI ZACVH M100        | 8000 lm  | 3500 K            | PENDANT SEE NOTE       | 8 LINEAR LIGHT                                             | D        | 0-10V                | 277 V 62 VA  |
| S8E                       | LITHONIA LIGHTING | CSS L96 8000LM MVOLT 35K 80CRI IE7WCP ZACVH M100 | 8000 lm  | 3500 K            | PENDANT SEE NOTE       | 8 LINEAR LIGHT WITH EMERGENCY BATTERY BACK-UP              | D        | 0-10V                | 277 V 62 VA  |
| T8-A                      | JUNO LIGHTING     | T8FT ** T997 144IN                               |          |                   | PENDANT @ 14'-0" AFF   | 8 TRACK SYSTEM PENDANT MOUNTED FROM OPEN TO STRUCTURE      | C        |                      | 120 V 240 VA |
| T8-B                      | JUNO LIGHTING     | T8FT ** T997 48IN                                |          |                   | PENDANT @ 9'-0" AFF    | 8 TRACK SYSTEM PENDANT MOUNTED FROM GYP. CEILING           | C        |                      | 120 V 240 VA |
| TH                        | JUNO LIGHTING     | R608L 35K 80CRI PDIM FL **                       | 1360 lm  | 3500 K            | TRACK                  | TRACK HEAD                                                 |          | PHASE DIMMING        | 120 V 14 VA  |
| V2                        | LITHONIA LIGHTING | FMVCSLS 24IN MVOLT 30K35K40K 90CRI BN            | 1550 lm  | 3500 K            | WALL ABOVE MIRROR      | 2 RESTROOM VANITY FIXTURE                                  |          | 0-10V                | 277 V 27 VA  |
| V4                        | LITHONIA LIGHTING | FMVCSLS 48IN MVOLT 30K35K40K 90CRI BN            | 2960 lm  | 3500 K            | WALL ABOVE MIRROR LINO | 4 RESTROOM VANITY FIXTURE                                  |          | 0-10V                | 277 V 36 VA  |
| X                         | LITHONIA LIGHTING | LQM S W 3 G 120/277 EL N                         | 0 lm     | 0 K               | UNIVERSAL              | EXIT SIGN WITH EMERGENCY BATTERY                           | <varies> |                      | 277 V 1 VA   |
| AA1                       | LITHONIA LIGHTING | DSX1 LED P8 40K 70CRI BLCA                       | 21057 lm | 4000 K            | POLE & BASE @ 25'-0"   | SINGLE HEAD LIGHT POLE TYPE 4 WITH BACKLIGHT CONTROL       | B        |                      | 480 V 216 VA |
| AA2                       | LITHONIA LIGHTING | DSX1 LED P8 40K 70CRI 32M                        | 27709 lm | 4000 K            | POLE & BASE @ 25'-0"   | SINGLE HEAD LIGHT POLE TYPE 2 MEDIUM                       | B        |                      | 480 V 216 VA |
| AA3                       | LITHONIA LIGHTING | POLE & BASE @ 25'-0"                             | 28448 lm | 4000 K            | POLE & BASE @ 25'-0"   | SINGLE HEAD LIGHT POLE TYPE 4 MEDIUM                       | B        |                      | 480 V 216 VA |
| AA4                       | LITHONIA LIGHTING | DSX1 LED P8 40K 70CRI T5M                        | 29259 lm | 4000 K            | POLE & BASE @ 25'-0"   | SINGLE HEAD LIGHT POLE TYPE 5 MEDIUM                       | B        |                      | 480 V 216 VA |
| AA5                       | LITHONIA LIGHTING | DSX1 LED P8 40K 70CRI TTFM                       | 28645 lm | 4000 K            | POLE & BASE @ 25'-0"   | SINGLE HEAD LIGHT POLE FORWARD THROW                       | B        |                      | 480 V 216 VA |
| BB1                       | LITHONIA LIGHTING | WDGE2 LED P3 40K 80CRI VF DMG                    | 3132 lm  | 4000 K            | WALL SEE PLANS         | WALL PACK FORWARD THROW WITH EM BATTERY BACK-UP            |          | 0-10V                | 277 V 23 VA  |
| BB2                       | LITHONIA LIGHTING | WDGE2 LED P3 40K 80CRI VW DMG                    | 3213 lm  | 4000 K            | WALL SEE PLANS         | WALL PACK WIDE THROW WITH EM BATTERY BACK-UP               |          | 0-10V                | 277 V 23 VA  |
| CC                        | LITHONIA LIGHTING | QNY LED P0 40K MVOLT **                          | 0 lm     | 4000 K            | SURFACE                | 2x2 SURFACE MOUNTED EXTERIOR FIXTURE                       | <varies> |                      | 277 V 27 VA  |
| TL                        | KELVIX            | PH40K-WR-24                                      | 347 lm   | 4000 K            | SEE NOTE               | EXTERIOR TAPELIGHT                                         | <varies> | <varies>             | 277 V 3 VA   |

NOTES:  
A. ARCHITECT TO APPROVE ALL FINISHES.

- GENERAL NOTES:  
A. PROVIDE 277VAC TO 24VDC DRIVER FOR POWER TO TAPELIGHT.  
B. PROVIDE FIXTURE WITH OCCUPANCY SENSOR BUILT INTO FIXTURE. SEE SEQUENCE OF CONTROLS FOR MORE ABOUT LIGHTING CONTROL FOR PARKING LOT LIGHTS.  
C. PROVIDE 2A CURRENT LIMITER FOR EACH TRACK SYSTEM.  
D. 8" LINEAR LIGHTS IN RETAIL 101 TO BE MOUNTED AT 15'-0" AFF. 8" LINEAR LIGHTS IN PROCESSING 112 AND SHIPRECEIVING 111 TO BE MOUNTED AT 14'-0" AFF.

| HOUSE RELAY SCHEDULE |                                      |             |         |                |
|----------------------|--------------------------------------|-------------|---------|----------------|
| RELAY                | ROOM DESCRIPTION                     | DESIGNATION | CIRCUIT | CONTROL METHOD |
| 101                  | BUILDING LIGHTS (FIXTURES BB1 & BB2) |             | HH-5    | TIMECLOCK      |
| 102                  | BUILDING LIGHTS (FIXTURE CO)         |             | HH-5    | TIMECLOCK      |
| 103                  | BUILDING TAPELIGHT                   |             | HH-7    | TIMECLOCK      |
| 104                  | VESTIBULE                            |             | HH-2    | TIMECLOCK      |
| 105                  | SPARE                                |             |         |                |
| 106                  | SPARE                                |             |         |                |
| 107                  | SPARE                                |             |         |                |
| 108                  | SPARE                                |             |         |                |

NOTES:  
1. VESTIBULE RELAY TO BE MOVED TO TENANT LIGHTING PANEL WHEN TENANT FINISH IS COMPLETED.

| GOODWILL RELAY SCHEDULE |                  |             |         |                |
|-------------------------|------------------|-------------|---------|----------------|
| RELAY                   | ROOM DESCRIPTION | DESIGNATION | CIRCUIT | CONTROL METHOD |
| 1                       | VESTIBULE        |             | HH-7    | DIMMING        |
| 2                       | RETAIL           | a           | HH-5    | DIMMING        |
| 3                       | RETAIL           | b           | HH-5    | DIMMING        |
| 4                       | RETAIL           | g           | HH-5    | DIMMING        |
| 5                       | RETAIL           | h           | HH-5    | DIMMING        |
| 6                       | CHECKOUT         | c           | HH-7    | DIMMING        |
| 7                       | CHECKOUT         | d           | HH-7    | DIMMING        |
| 8                       | OUTDOOR SALES    | k           | HH-5    | DIMMING        |
| 9                       | PROCESSING       | HH-3        | HH-5    | DIMMING        |
| 10                      | SHIPRECEIVING    | HH-3        | HH-5    | DIMMING        |
| 11                      | AWNING           |             | HH-9    | DIMMING        |
| 12                      | BUILDING SIGNAGE |             | HH-25   | TIMECLOCK      |
| 13                      | BUILDING SIGNAGE |             | HH-27   | TIMECLOCK      |
| 14                      | BUILDING SIGNAGE |             | HH-29   | TIMECLOCK      |
| 15                      | BUILDING SIGNAGE |             | HH-31   | TIMECLOCK      |
| 16                      | SPARE            |             |         |                |

| SEQUENCE OF CONTROLS |                                      |                         |                            |                 |                      |                   |                           |                 |                |            |               |                     |
|----------------------|--------------------------------------|-------------------------|----------------------------|-----------------|----------------------|-------------------|---------------------------|-----------------|----------------|------------|---------------|---------------------|
| DESCRIPTION          | OCCUPANCY SENSOR                     | TIMECLOCK               | WALL SWITCH                | DAYLIGHT SENSOR | OTHER                |                   |                           |                 |                |            |               |                     |
| CONTROL NUMBER       | ROOM DESCRIPTION                     | VACUUM MODE (MANUAL ON) | OCCUPANCY SENSOR (AUTO ON) | DUAL TECHNOLOGY | SCHEDULE TO 50% TIME | SCHEDULE OFF TIME | SCHEDULE OVERDRIVE SWITCH | MANUAL (ON/OFF) | MANUAL DIMMING | KEY SWITCH | SCENE CONTROL | GRAPHIC TOUCHSCREEN |
| CONTROL NUMBER       | ROOM DESCRIPTION                     |                         |                            |                 |                      |                   |                           |                 |                |            |               |                     |
| 1                    | VESTIBULE                            |                         |                            | X               | X                    |                   |                           | •               |                |            |               |                     |
| 2                    | RETAIL                               |                         |                            | X               | X                    |                   |                           | •               |                |            |               |                     |
| 3                    | CHECKOUT                             |                         |                            | X               | X                    |                   |                           | •               |                |            |               |                     |
| 4                    | OFFICE                               | •                       | 20                         | •               |                      |                   |                           | •               |                |            |               |                     |
| 5                    | STORAGE/JAN                          | •                       | 20                         | •               |                      |                   |                           | •               |                |            |               |                     |
| 6                    | RESTROOM                             | •                       | 20                         | •               |                      |                   |                           | •               |                |            |               |                     |
| 7                    | OUTDOOR SALES                        |                         |                            | X               | X                    |                   |                           | •               |                |            |               |                     |
| 8                    | PROCESSING                           |                         |                            | X               | X                    |                   |                           | •               |                |            |               |                     |
| 9                    | ELECTRICAL                           |                         |                            |                 |                      |                   |                           | •               |                |            |               |                     |
| 10                   | PARKING LIGHTS                       | •                       | 15                         | •               |                      |                   |                           |                 |                |            |               |                     |
| 11                   | BUILDING LIGHTS (FIXTURES BB1 & BB2) |                         |                            | X               | X                    | •                 |                           |                 |                |            |               |                     |
| 12                   | BUILDING TAPELIGHT                   |                         |                            | X               | X                    |                   |                           |                 |                |            |               |                     |
| 13                   | SHIPRECEIVING                        |                         |                            | X               | X                    |                   |                           | •               |                |            |               |                     |
| 14                   | SHIPRECEIVING                        |                         |                            | X               | X                    |                   |                           |                 |                |            |               |                     |
| 15                   | SHIPRECEIVING                        |                         |                            | X               | X                    |                   |                           |                 |                |            |               |                     |
| 16                   | SHIPRECEIVING                        |                         |                            | X               | X                    |                   |                           |                 |                |            |               |                     |

NOTES:  
1. COORDINATE WITH OWNER FOR TIME ON AND TIME OFF. SEE LIGHTING PLAN FOR LOCATION OF MANUAL CONTROL.  
2. PROVIDE 4 ZONES OF CONTROL IN RETAIL AREA. SEE LIGHTING PLAN FOR LIGHTING CONTROL DESIGNATIONS.  
3. PROVIDE 2 ZONES OF CONTROL IN CHECKOUT AREA. SEE LIGHTING PLAN FOR LIGHTING CONTROL DESIGNATIONS.  
4. PARKING LOT LIGHTS TO TURN ON TO 100% AT DUSK. AFTER SENSOR TIME OUT PERIOD PARKING LIGHTS TO DIM TO 50%. WHEN INTEGRAL OCCUPANCY SENSOR IS TRIGGERED, PARKING LOT LIGHT TO TURN ON TO 100%.  
5. BUILDING LIGHTS TO TURN ON TO 100% AT DUSK. DIM TO 50% AT MIDNIGHT. TURN OFF AT DAWN.  
6. BUILDING FACADE LIGHTS TO TURN ON AT DUSK AND TURN OFF ONE HOUR AFTER BUSINESS CLOSE.

| PANEL NAME: LH                                                                                                |                       |                |       |                      |         |                  |       |                                 |                         |       |       |
|---------------------------------------------------------------------------------------------------------------|-----------------------|----------------|-------|----------------------|---------|------------------|-------|---------------------------------|-------------------------|-------|-------|
| MOUNTING: SURFACE                                                                                             |                       |                |       | VOLTAGE: 120/208 Wye |         |                  |       | AIC RATING: 10000A              |                         |       |       |
| ENCLOSURE: NEMA 1                                                                                             |                       |                |       | PHASE: 3             |         |                  |       | MAINS TYPE: COPPER              |                         |       |       |
|                                                                                                               |                       |                |       | WIRES: 4             |         |                  |       | MCB RATING: 200 A               |                         |       |       |
| CKT                                                                                                           | CIRCUIT DESCRIPTION   | TRIP           | POLES | A                    | B       | C                | POLES | TRIP                            | CIRCUIT DESCRIPTION     | CKT   |       |
| LH-1                                                                                                          | RECEPT - LOADING DOCK | 20 A           | 1     | 360 VA               | 500 VA  |                  | 1     | 20 A                            | TAMPER FLOW SWITCH      | LH-2  |       |
| LH-3                                                                                                          | RECEPT - ROOFTOP      | 20 A           | 1     |                      | 540 VA  | 180 VA           | 1     | 20 A                            | RECEPT - FIRE RISER 116 | LH-4  |       |
| LH-5                                                                                                          | RECEPT - PARAPET      | 20 A           | 1     |                      |         | 720 VA           | 1     | 20 A                            | RECEPT - ROOF ACCS 122  | LH-6  |       |
| LH-7                                                                                                          | RECEPT - PARAPET      | 20 A           | 1     | 540 VA               | 500 VA  |                  | 1     | 20 A                            | EQUIPMENT               | LH-8  |       |
| LH-9                                                                                                          | RECEPT - PARAPET      | 20 A           | 1     |                      | 540 VA  | 0 VA             | 1     | 20 A                            | SPARE                   | LH-10 |       |
| LH-11                                                                                                         | SPARE                 | 20 A           | 1     |                      |         | 0 VA             | 0 VA  | 1                               | 20 A                    | SPARE | LH-12 |
| LH-13                                                                                                         | SPARE                 | 20 A           | 1     | 0 VA                 | 0 VA    |                  |       | 1                               | 20 A                    | SPARE | LH-14 |
| LH-15                                                                                                         | SPARE                 | 20 A           | 1     |                      | 0 VA    | 0 VA             |       | 1                               | 20 A                    | SPARE | LH-16 |
| LH-17                                                                                                         | SPARE                 | 20 A           | 1     |                      |         | 0 VA             | 0 VA  | 1                               | 20 A                    | SPARE | LH-18 |
| LH-19                                                                                                         | SPARE                 | 20 A           | 1     | 0 VA                 | 0 VA    |                  |       | 1                               | 20 A                    | SPARE | LH-20 |
| LH-21                                                                                                         | SPARE                 | 20 A           | 1     |                      | 0 VA    | 0 VA             |       | 1                               | 20 A                    | SPARE | LH-22 |
| LH-23                                                                                                         | SPARE                 | 20 A           | 1     |                      |         | 0 VA             | 0 VA  | 1                               | 20 A                    | SPARE | LH-24 |
| LH-25                                                                                                         | SPARE                 | 20 A           | 1     | 0 VA                 | 0 VA    |                  |       | 1                               | 20 A                    | SPARE | LH-26 |
| LH-27                                                                                                         | SPARE                 | 20 A           | 1     |                      | 0 VA    | 0 VA             |       | 1                               | 20 A                    | SPARE | LH-28 |
| LH-29                                                                                                         | SPARE                 | 20 A           | 1     |                      |         | 0 VA             | 0 VA  | 1                               | 20 A                    | SPARE | LH-30 |
| TOTAL LOAD:                                                                                                   |                       |                |       | 1900 VA              | 1260 VA | 900 VA           |       |                                 |                         |       |       |
| TOTAL AMPS:                                                                                                   |                       |                |       | 16 A                 | 11 A    | 8 A              |       |                                 |                         |       |       |
| LOAD CLASSIFICATION                                                                                           |                       | CONNECTED LOAD |       | DEMAND FACTOR        |         | ESTIMATED DEMAND |       | PANEL TOTALS                    |                         |       |       |
| EQUIPMENT                                                                                                     |                       | 1000 VA        |       | 100.00%              |         | 1000 VA          |       | TOTAL CONN. LOAD: 4060 VA       |                         |       |       |
| RECEPTACLE                                                                                                    |                       | 3060 VA        |       | 100.00%              |         | 3060 VA          |       | TOTAL EST. DEMAND LOAD: 4060 VA |                         |       |       |
|                                                                                                               |                       |                |       |                      |         |                  |       | TOTAL CONN. CURRENT: 11 A       |                         |       |       |
|                                                                                                               |                       |                |       |                      |         |                  |       | TOTAL EST. DEMAND: 11 A         |                         |       |       |
|                                                                                                               |                       |                |       |                      |         |                  |       |                                 |                         |       |       |
|                                                                                                               |                       |                |       |                      |         |                  |       |                                 |                         |       |       |
| NOTES:                                                                                                        |                       |                |       |                      |         |                  |       |                                 |                         |       |       |
| 1. RECEPTACLE DEMAND FACTOR CALCULATED AT 100% FOR THE FIRST 1000VA AND 50% FOR THE LOAD OVER 1000VA PER NEC. |                       |                |       |                      |         |                  |       |                                 |                         |       |       |
| 2. MOTOR DEMAND FACTOR CALCULATED AT 125% FOR THE LARGEST MOTOR AND 100% FOR ALL OTHER MOTORS PER NEC.        |                       |                |       |                      |         |                  |       |                                 |                         |       |       |

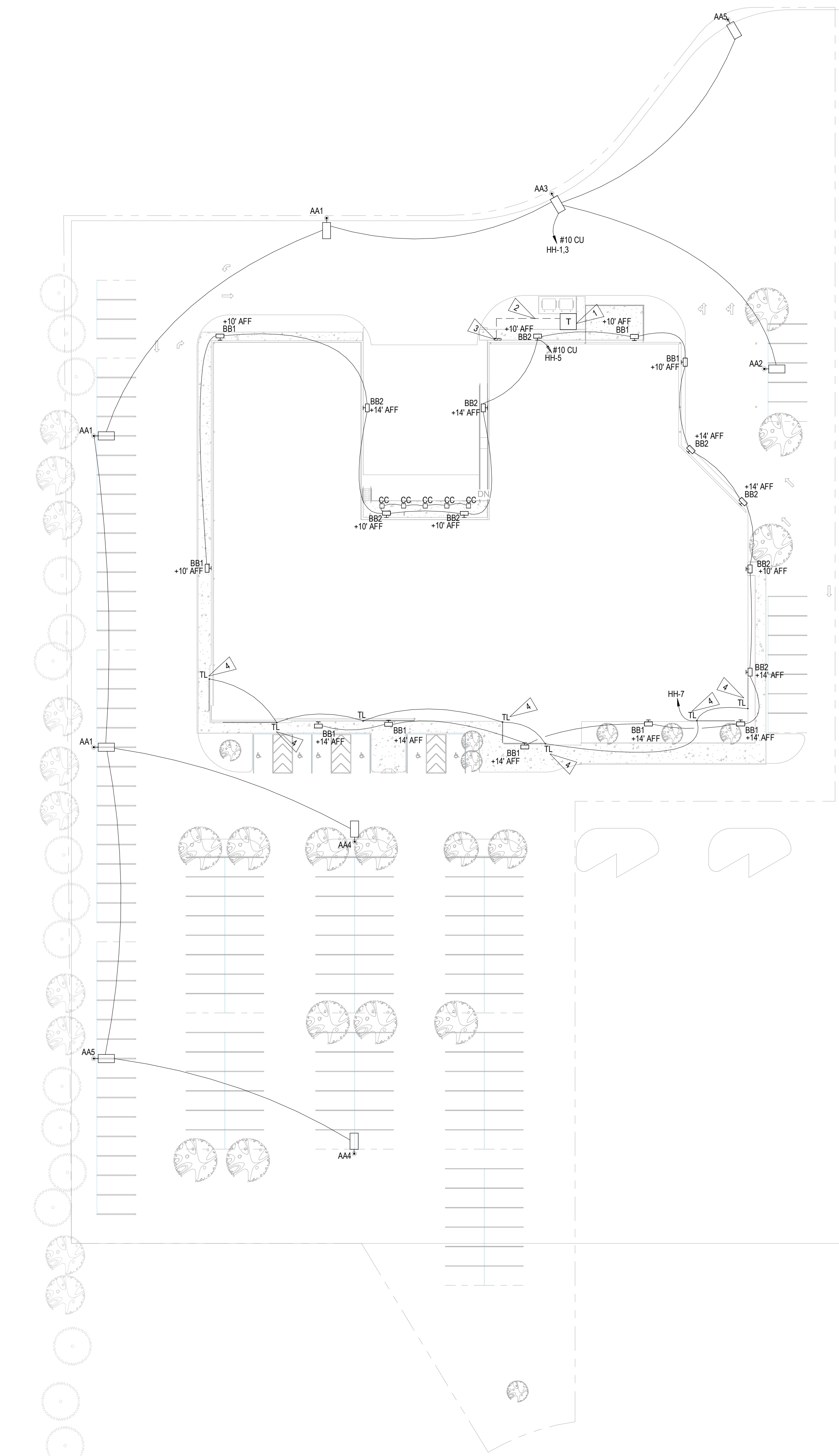
NOTES:  
1. RECEPTACLE DEMAND FACTOR CALCULATED AT 100% FOR THE FIRST 10KVA AND 50% FOR THE LOAD OVER 10KVA PER NEC.  
2. MOTOR DEMAND FACTOR CALCULATED AT 125% FOR THE LARGEST MOTOR AND 100% FOR ALL OTHER MOTORS PER NEC.

| PANEL NAME: L1                                                                                              |                              |                |       |                      |          |                  |         |                                  |                     |                      |       |
|-------------------------------------------------------------------------------------------------------------|------------------------------|----------------|-------|----------------------|----------|------------------|---------|----------------------------------|---------------------|----------------------|-------|
| MOUNTING: SURFACE                                                                                           |                              |                |       | VOLTAGE: 120/208 Wye |          |                  |         | AIC RATING: 10000 A              |                     |                      |       |
| ENCLOSURE: NEMA 1                                                                                           |                              |                |       | PHASE: 3             |          |                  |         | MAINS TYPE: COPPER               |                     |                      |       |
|                                                                                                             |                              |                |       | WIRES: 4             |          |                  |         | MCB RATING: 200 A                |                     |                      |       |
| CKT                                                                                                         | CIRCUIT DESCRIPTION          | TRIP           | POLES | A                    | B        | C                | POLES   | TRIP                             | CIRCUIT DESCRIPTION | CKT                  |       |
| L1-1                                                                                                        | RECEPT - PANEL               | 20 A           | 1     | 180 VA               | 760 VA   |                  | 1       | 15 A                             | UH-1 & UH-2         | L1-2                 |       |
| L1-3                                                                                                        | RECEPT - EMP RR              | 20 A           | 1     |                      | 720 VA   | 760 VA           |         | 1                                | UH-3 & UH-5         | L1-4                 |       |
| L1-5                                                                                                        | RECEPT - EMP BREAK 120       | 20 A           | 1     |                      |          | 720 VA           | 760 VA  | 1                                | UH-4 & UH-6         | L1-6                 |       |
| L1-7                                                                                                        | RECEPT - EMP BREAK 120       | 20 A           | 1     | 360 VA               | 1200 VA  |                  |         | 1                                | SLIDING DOOR        | L1-8                 |       |
| L1-9                                                                                                        | REFRIGERATOR - EMP BREAK 120 | 20 A           | 1     |                      | 1130 VA  | 540 VA           |         | 1                                | RECEPT - ROOFTOP    | L1-10                |       |
| L1-11                                                                                                       | DWIDISPOSA - EMP BREAK 120   | 20 A           | 1     |                      |          | 1500 VA          | 1500 VA | 2                                | COMPRESSOR          | L1-12                |       |
| L1-13                                                                                                       | RECEPT - PROC OFFICE 121     | 20 A           | 1     | 720 VA               | 1500 VA  |                  |         | --                               | --                  | L1-14                |       |
| L1-15                                                                                                       | RECEPT - PROCESSING 112      | 20 A           | 1     |                      | 720 VA   | 360 VA           |         | 1                                | RECEPT - EXTERIOR   | L1-16                |       |
| L1-17                                                                                                       | RECEPT - PROCESSING 112      | 20 A           | 1     |                      |          | 720 VA           | 360 VA  | 1                                | TELECOM             | L1-18                |       |
| L1-19                                                                                                       | RECEPT - PROCESSING 112      | 20 A           | 1     | 360 VA               | 240 VA   |                  |         | 1                                | EC-1 CONTROL PANEL  | L1-20                |       |
| L1-21                                                                                                       | RECEPT - PROCESSING 112      | 20 A           | 1     |                      | 360 VA   | 240 VA           |         | 1                                | EC-2 CONTROL PANEL  | L1-22                |       |
| L1-23                                                                                                       | RECEPT - PROCESSING 112      | 20 A           | 1     |                      |          | 360 VA           | 500 VA  | 1                                | 20 A                | FACP                 | L1-24 |
| L1-25                                                                                                       | RECEPT - PROCESSING 112      | 20 A           | 1     | 360 VA               | 500 VA   |                  |         | 1                                | 20 A                | ACCESS CONTROL PANEL | L1-26 |
| L1-27                                                                                                       | SPARE                        | 20 A           | 1     |                      | 0 VA     | 0 VA             |         | 1                                | 20 A                | SPARE                | L1-28 |
| L1-29                                                                                                       | SPARE                        | 20 A           | 1     |                      |          | 0 VA             | 0 VA    | 1                                | 20 A                | SPARE                | L1-30 |
| L1-31                                                                                                       | SPARE                        | 20 A           | 1     | 0 VA                 | 0 VA     |                  |         | 1                                | 20 A                | SPARE                | L1-32 |
| L1-33                                                                                                       | SPARE                        | 20 A           | 1     |                      | 0 VA     | 0 VA             |         | 1                                | 20 A                | SPARE                | L1-34 |
| L1-35                                                                                                       | SPARE                        | 20 A           | 1     |                      |          | 0 VA             | 0 VA    | 1                                | 20 A                | SPARE                | L1-36 |
| L1-37                                                                                                       | PANEL L1A                    | 100 A          | 3     | 8454 VA              | 0 VA     |                  |         | 1                                | 20 A                | SPARE                | L1-38 |
| L1-39                                                                                                       |                              | --             | --    |                      | 7550 VA  | 0 VA             |         | 1                                | 20 A                | SPARE                | L1-40 |
| L1-41                                                                                                       |                              | --             | --    |                      |          | 6360 VA          | 0 VA    | 1                                | 20 A                | SPARE                | L1-42 |
| TOTAL LOAD:                                                                                                 |                              |                |       | 14634 VA             | 12380 VA | 12780 VA         |         |                                  |                     |                      |       |
| TOTAL AMPS:                                                                                                 |                              |                |       | 122 A                | 103 A    | 107 A            |         |                                  |                     |                      |       |
| LOAD CLASSIFICATION                                                                                         |                              | CONNECTED LOAD |       | DEMAND FACTOR        |          | ESTIMATED DEMAND |         | PANEL TOTALS                     |                     |                      |       |
| EQUIPMENT                                                                                                   |                              | 8410 VA        |       | 100.00%              |          | 8410 VA          |         |                                  |                     |                      |       |
| HEATING                                                                                                     |                              | 6780 VA        |       | 100.00%              |          | 6780 VA          |         | TOTAL CONN. LOAD: 39794 VA       |                     |                      |       |
| RECEPTACLE                                                                                                  |                              | 17004 VA       |       | 79.40%               |          | 13502 VA         |         | TOTAL EST. DEMAND LOAD: 37942 VA |                     |                      |       |
| POWER                                                                                                       |                              | 1000 VA        |       | 100.00%              |          | 1000 VA          |         | TOTAL CONN. CURRENT: 110 A       |                     |                      |       |
| LIGHTING                                                                                                    |                              | 3600 VA        |       | 125.00%              |          | 4500 VA          |         | TOTAL EST. DEMAND: 105 A         |                     |                      |       |
| MOTOR LOAD                                                                                                  |                              | 3000 VA        |       | 125.00%              |          | 3750 VA          |         |                                  |                     |                      |       |
| NOTES:                                                                                                      |                              |                |       |                      |          |                  |         |                                  |                     |                      |       |
| 1. RECEPTACLE DEMAND FACTOR CALCULATED AT 100% FOR THE FIRST 10KVA AND 50% FOR THE LOAD OVER 10KVA PER NEC. |                              |                |       |                      |          |                  |         |                                  |                     |                      |       |
| 2. MOTOR DEMAND FACTOR CALCULATED AT 125% FOR THE LARGEST MOTOR AND 100% FOR ALL OTHER MOTORS PER NEC.      |                              |                |       |                      |          |                  |         |                                  |                     |                      |       |



FLAG NOTES

1. PROPOSED LOCATION OF UTILITY TRANSFORMER. COORDINATE WITH MVEA. SEE ONE-LINE DIAGRAM FOR MORE INFORMATION.
2. PROVIDE SERVICE LATERALS. SEE ONE-LINE DIAGRAM FOR MORE INFORMATION.
3. PROVIDE METERSTACK. SEE ONE-LINE DIAGRAM FOR MORE INFORMATION.
4. PROVIDE LED DRIVER TO CONVERT TO 24V DC. COORDINATE WITH GC FOR MOUNTING OF LED DRIVER.



1 ELECTRICAL SITE PLAN  
1" = 30'-0"

SEAL



DATE

2/16/2024

ISSUE

CD SET

Revisions

| No. | Issuance | Date |
|-----|----------|------|
|-----|----------|------|

DESIGN TEAM:

**308**llc  
ARCHITECTURE | DESIGN | SUSTAINABLE LIVING

**HCD**ENGINEERING  
STRUCTURAL CONSULTANTS

CHAVEZ TIFFANY & AYERS

PROJECT NUMBER: 23-110

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GOODWILL RETAIL CENTER -

FALCON

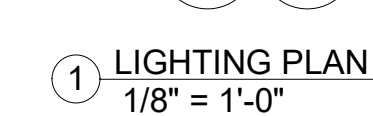
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ARCHITECTURE | DESIGN | SUSTAINABLE LIVING  
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COLORADO SPRINGS, CO 80904  
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**E101**

ELECTRICAL SITE PLAN

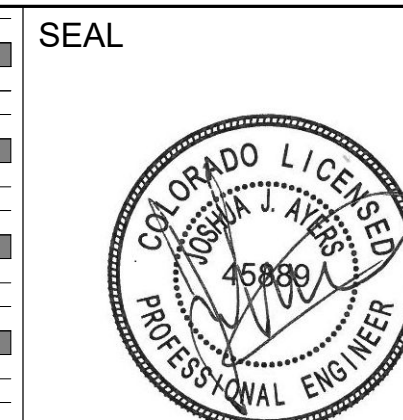


# E201

ELECTRICAL LIGHTING  
PLAN



- FLAG NOTES**
1. RECEPTACLES TO BE MOUNTED IN ACCORDANCE WITH NEC 210.62. IN COMPLIANCE WITH SHOW WINDOWS.
  2. PROVIDE 120V CIRCUIT FOR AUTOMATIC DOORS.
  3. MOUNT RECEPTACLE IN COUNTER. COORDINATE INSTALLATION WITH FURNITURE SUPPLIER.
  4. PROVIDE ROUGH-IN FOR SAFE ACCESS CONTROL. COORDINATE WITH SECURITY VENDOR.
  5. PROVIDE DEDICATED CIRCUIT FOR CAMERA SWITCH. COORDINATE WITH SECURITY CONTRACTOR.
  6. PROVIDE 4" EMPTY CONDUIT WITH PULL STRING FOR TELECOM. COORDINATE WITH IT CONTRACTOR.
  7. GFCI PROTECTION REQUIRED. PROVIDE EITHER CIRCUIT BREAKER OR GFCI DEAD FRONT. GFCI DEAD FRONT TO BE INSTALLED IN ACCESSIBLE LOCATION.
  8. PROVIDE NEC REQUIRED MEANS OF DISCONNECT.
  9. PROVIDE 120V CIRCUIT FOR TAMPER AND FLOW SWITCH.
  10. PROVIDE 4X4X3/4" PLYWOOD BACKBOARD FOR TELECOM.
  11. PROVIDE 4" EMPTY CONDUIT WITH PULL STRING FROM TELECOM PEDASTAL. COORDINATE WITH TELECOM CONTRACTOR.
  12. PROVIDE TWO 3" EMPTY CONDUIT WITH PULL STRING FROM METER STACK TO SUITE 100 ELECTRICAL ROOM.
  13. PROVIDE 4" EMPTY CONDUIT WITH PULL STRING FROM TELECOM PEASTAL TO SUITE 100 ELECTRICAL ROOM.
  14. PROVIDE 120V CIRCUIT FOR ACCESS CONTROL PANEL.
  15. PROVIDE 120V CIRCUIT FOR FIRE ALARM PANEL. COORDINATE REQUIREMENTS WITH FIRE ALARM CONTRACTOR.



DATE

2/16/2024

ISSUE

CD SET

Revisions

No. Issuance Date

DESIGN TEAM:

**308 LLC**  
ARCHITECTURE | DESIGN | SUSTAINABLE LIVING

**HCD ENGINEERING**  
STRUCTURAL CONSULTANTS

CHAVEZ TIFFANY & AYERS

PROJECT NUMBER: 23-110

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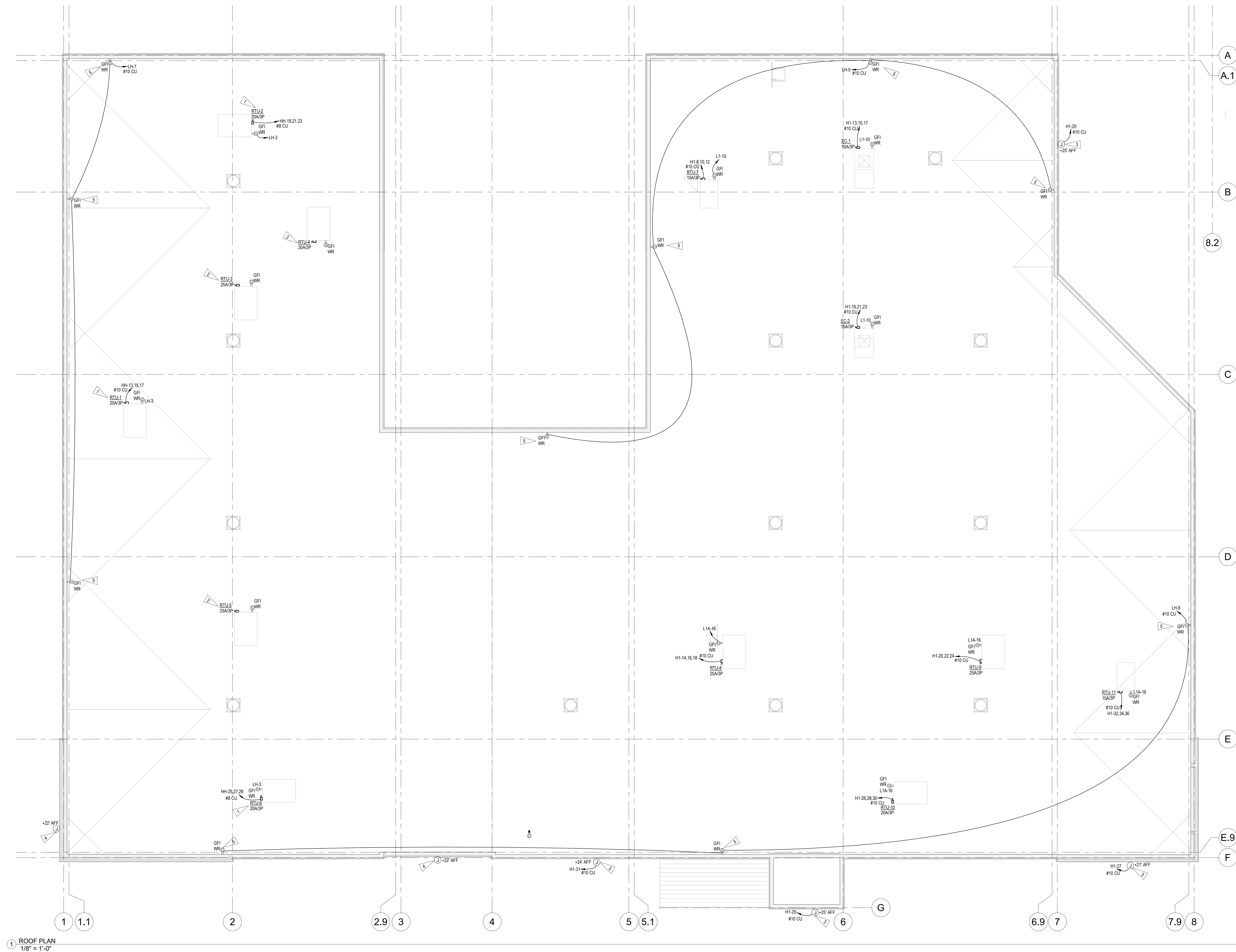
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**E301**

ELECTRICAL MAIN POWER PLAN



- FLAG NOTES**

  1. RTU AND RECEPTACLE TO BE CONNECTED FOR HOUSE PANEL TO PROVIDE SUPPLEMENTAL HEAT TO UNFINISHED TENANT SPACE. RTU TO BE RELOCATED TO NEW TENANT PANEL IN TENANT FINISH.
  2. PROVIDE FUSED DISCONNECT AND RECEPTACLE. FUSED DISCONNECT TO BE CONNECTED TO RTU. HOMERUN TO BE ACCOMPLISHED IN TENANT FINISH.
  3. PROVIDE 277V CIRCUIT FOR BUILDING SIGNAGE. COORDINATE WITH GC FOR FINAL LOCATION PRIOR TO ROUGHIN.
  4. PROVIDE JUNCTION BOX AND 3/4" EIGHTY CONDUIT WITH FULL STRING BACK TO FLEA 201.
  5. RECEPTACLE TO BE MOUNTED AT PARAPET.

REAL

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SUE

| Revisions |      |
|-----------|------|
| Issuance  | Date |

DESIGN TEAM:

**KCDA ENGINEERING**  
STRUCTURAL CONSULTANTS

PROJECT NUMBER: 23-110

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