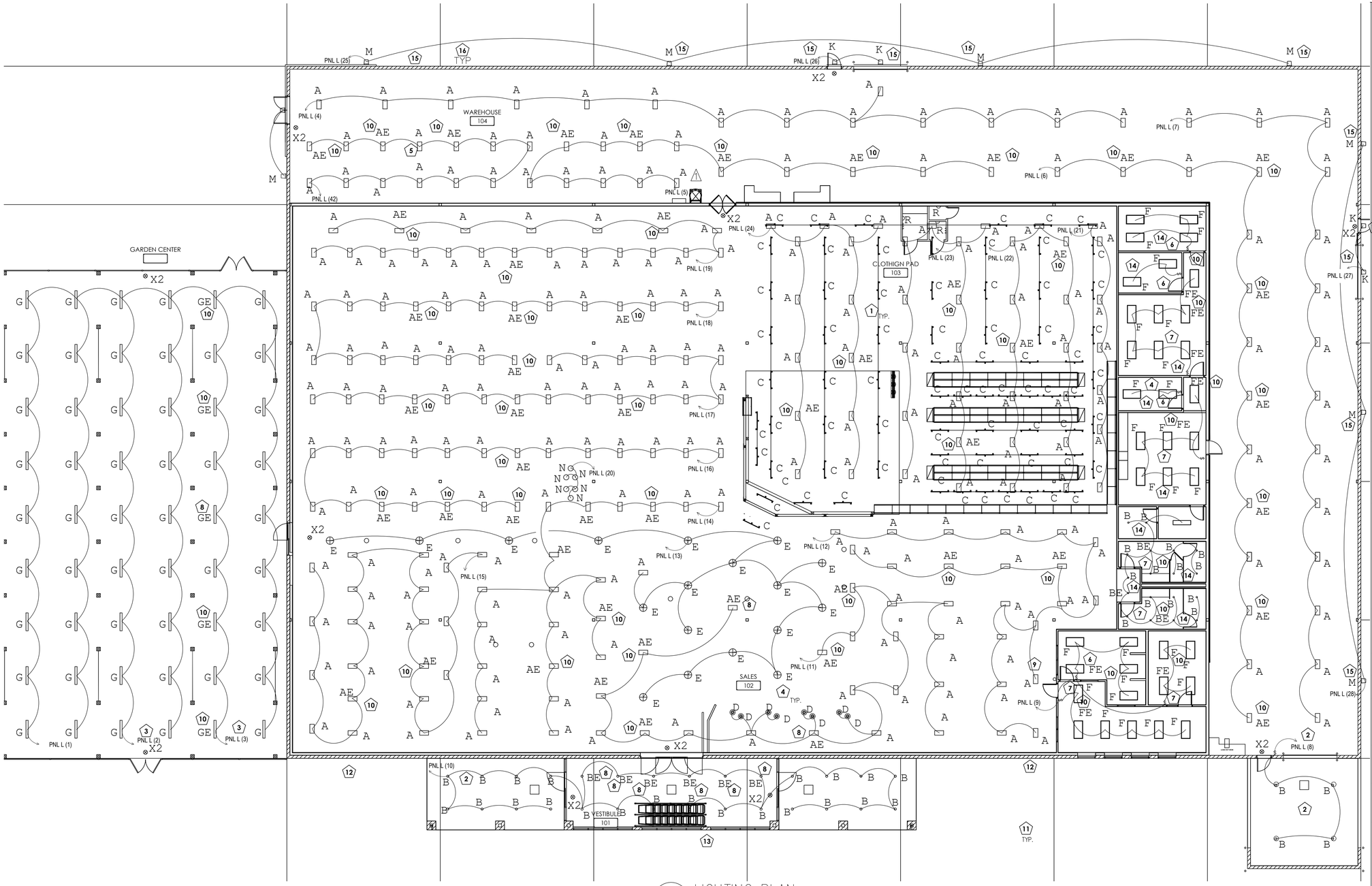

1 E1.0 LIGHTING PLAN

3/32"=1'-0"

NOTE: SEE ARCHITECTURAL PLANS FOR DIMENSIONED LAYOUT AND LIGHTING HEIGHTS.

1/8" = 1'-0" | 1/4" = 1'-0" | 3/8" = 1'-0" | 1/2" = 1'-0" | 3/4" = 1'-0" | 1" = 1'-0" | 1-1/2" = 1'-0" | 3" = 1'-0"

SHEET NOTES

1. CONTRACTOR TO MOUNT ALL FIXTURES IN WAREHOUSE AS HIGH AS POSSIBLE TO MAINTAIN MAXIMUM CLEARANCE. COORDINATE LIGHTING FIXTURES WITH EQUIPMENT.
2. CONTRACTOR TO MOUNT CEILING HUNG FIXTURES IN THE RETAIL SPACE AT A MINIMUM OF 15'-0" ABOVE FINISHED FLOOR. CONTRACTOR TO COORDINATE WITH ALL OTHER TRADES TO INSTALL FIXTURES AS HIGH AS POSSIBLE WITHOUT CASTING SHADOWS FROM ROOF STRUCTURE OR EQUIPMENT.
3. ALL EXIT SIGNS TO BE CIRCUITED THROUGH AREA LIGHTING CIRCUIT PRIOR TO ANY SWITCHING.
4. A NON-SWITCHED HOT CONDUCTOR TO BE PROVIDED FOR ALL EMERGENCY LIGHTING FIXTURES WITH BATTERY BACK UP. WIRE PER MANUFACTURER. SEE PANEL SCHEDULE FOR EGRESS FIXTURE CIRCUITS.
5. CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR LOCATING/DIMENSIONING LIGHTING INCLUDING TRACK LIGHTING IN THE PAINT AND CLOTHING AREAS.
6. CONTRACTOR TO PROVIDE STRIP LIGHTING ON LOWER EDGE OF TOP SHELF ON FOOT WEAR GONDOLA. FIXTURE TYPE L, LENGTH PER ARCHITECTURAL PLAN. PROVIDE DIMMER CONTROL, TRANSFORMER AND ACCESSORIES FOR COMPLETE OPERATION. SEE SHEET E2.1.
7. BOTTOM OF TRACK LIGHTS (FIXTURE C) INSTALLED AT 10' 6" ABOVE FINISHED FLOOR.

KEY NOTES (1)

1. CONTRACTOR TO PROVIDE (4) 20 AMP CIRCUITS FOR TRACK LIGHTING IN CLOTHING AREA. COORDINATE LAYOUT WITH ARCHITECTURAL PLANS. SEE PANEL SCHEDULE L FOR CIRCUITS.
2. FIXTURES TO BE CONTROLLED THROUGH WATTSTOPPER LP8 SERIES OR APPROVED EQUAL ASTRONOMICAL TIME CLOCK. CONTRACTOR TO CIRCUIT THROUGH PANEL A AS SHOWN. PROVIDE PHOTOEYE FOR DAYLIGHT CONTROL, LOCATE UNDER CANOPY.
3. FIXTURES TO BE CONTROLLED THROUGH WATTSTOPPER LP8 SERIES OR APPROVED EQUAL ASTRONOMICAL TIME CLOCK. CONTRACTOR TO CIRCUIT THROUGH PANEL L CIRCUITS (1),(2),(3). PROVIDE PHOTOEYE FOR DAYLIGHT CONTROL. LOCATE PHOTOEYE IN EACH ROW OF LIGHTS OF GREENHOUSE ON COLUMN AT 6' ABOVE FINISH FLOOR.
4. CONTRACTOR TO PROVIDE INTERMATIC OR APPROVED EQUAL MECHANICAL TIME CLOCK WITH MANUAL OVER RIDE TO CONTROL RETAIL LIGHTING FIXTURES. LOCATE TIME CLOCK IN IT ROOM, PROVIDE SQUARE D OR APPROVED LIGHTING CONTACTORS EACH TAP TO BE PERMANENTLY LABELED FOR AREA SERVED, COORDINATE LABELING WITH OWNER. CONTRACTOR TO LOCATE CONTACTORS IN SINGLE PANEL, LABEL PANEL "LIGHTING CONTROLS" LOCATED IN IT ROOM. PROVIDE MANUAL OVERRIDE FOR AFTER HOUR OPERATION. MANUAL OVERRIDE TO PROVIDE UP TO 2 HOURS OF AFTER HOUR OPERATION. LOCATE OVERRIDE BY MAN DOOR AT LOAD OUT, LABEL LIGHTING OVERRIDE.
5. PROVIDE WATTSTOPPER DT-355 OR APPROVED EQUAL OCCUPANCY SENSORS FOR WAREHOUSE AREA, PROVIDE ADEQUATE NUMBER OF SENSORS FOR COMPLETE COVERAGE OF WAREHOUSE. PROVIDE LOW VOLTAGE SWITCHES AT EACH ENTRANCE.
6. PROVIDE WATTSTOPPER DW-100 OR APPROVED EQUAL WALL MOUNTED OCCUPANCY SENSOR.
7. PROVIDE WATTSTOPPER DT-355 OR APPROVED EQUAL OCCUPANCY SENSOR FOR AREA SHOWN.
8. FIXTURE PROVIDED WITH BATTERY BACK UP, CONTRACTOR TO PROVIDE NON-SWITCHED CONDUCTOR FOR CHARGING OF THE BATTERY, WIRE PER MANUFACTURER'S RECOMMENDATIONS. FIXTURE TO REMAIN ON 24/7 FOR NIGHT LIGHT OPERATION.
9. CONTRACTOR TO INSTALL LIGHTING ABOVE PET GROOMING CANOPY TYP. OF (3), AND LED STRIP LIGHTING BELOW SEE ARCHITECTURAL SHEETS SWITCH WITH AREA LIGHTING.
10. FIXTURE PROVIDED WITH BATTERY BACK UP, CONTRACTOR TO PROVIDE NON-SWITCHED CONDUCTOR FOR CHARGING OF THE BATTERY, WIRE PER MANUFACTURER'S RECOMMENDATIONS.
11. CONTRACTOR TO COORDINATE POWER REQUIREMENTS FOR SITE LIGHTING, TYPICAL OF 12 POLES WITH MULTIPLE HEADS. CIRCUIT THROUGH WATTSTOPPER LP8 PEANUT PANEL OR APPROVED WITH ASTRONOMICAL TIME CLOCK, PROVIDE ADDITIONAL PHOTEYE TO CONTROL PARKING LOT FIXTURES. PROVIDE OCCUPANCY SENSOR ON FIXTURES TO DIM FIXTURES PER CODE.
12. CONTRACTOR TO PROVIDE A 120 VOLT CIRCUIT PANEL L CIRCUIT (51) FOR EXTERIOR SIGNS. PROVIDE AN INTERMATIC OR APPROVED ASTRONOMICAL TIME CLOCK. COORDINATE LOCATION OF JUNCTION BOX WITH OWNER AND ARCHITECT PRIOR TO ROUGH IN.
13. PROVIDE CIRCUIT USING PANEL L CIRCUIT (53) FOR EXTERIOR SIGN, COORDINATE POWER REQUIREMENTS WITH HARDWARE. PROVIDE INTERMATIC OR APPROVED ASTRONOMICAL TIME CLOCK. COORDINATE LOCATION WITH OWNER AND ARCHITECT PRIOR TO ROUGH IN.
14. CIRCUIT AREA LIGHTING FIXTURES THROUGH PANEL L.
15. CONTRACTOR TO INSTALL EXTERIOR BUILDING LIGHTS, REFER TO ARCHITECTURAL PLANS FOR ELEVATIONS, CIRCUIT THROUGH WATTSTOPPER LP8 PEANUT PANEL OR APPROVED WITH INTERMATIC 8000 SERIES ASTRONOMICAL TIME CLOCK WITH MANUAL OVERRIDE, PROVIDE ADDITIONAL PHOTO EYE TO CONTROL FIXTURES.

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REGISTERED PROFESSIONAL ENGINEER
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JUNE 7, 2013
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EXPIRES: 12/31/2023

LIGHTING PLAN

sheet number
E1.0

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