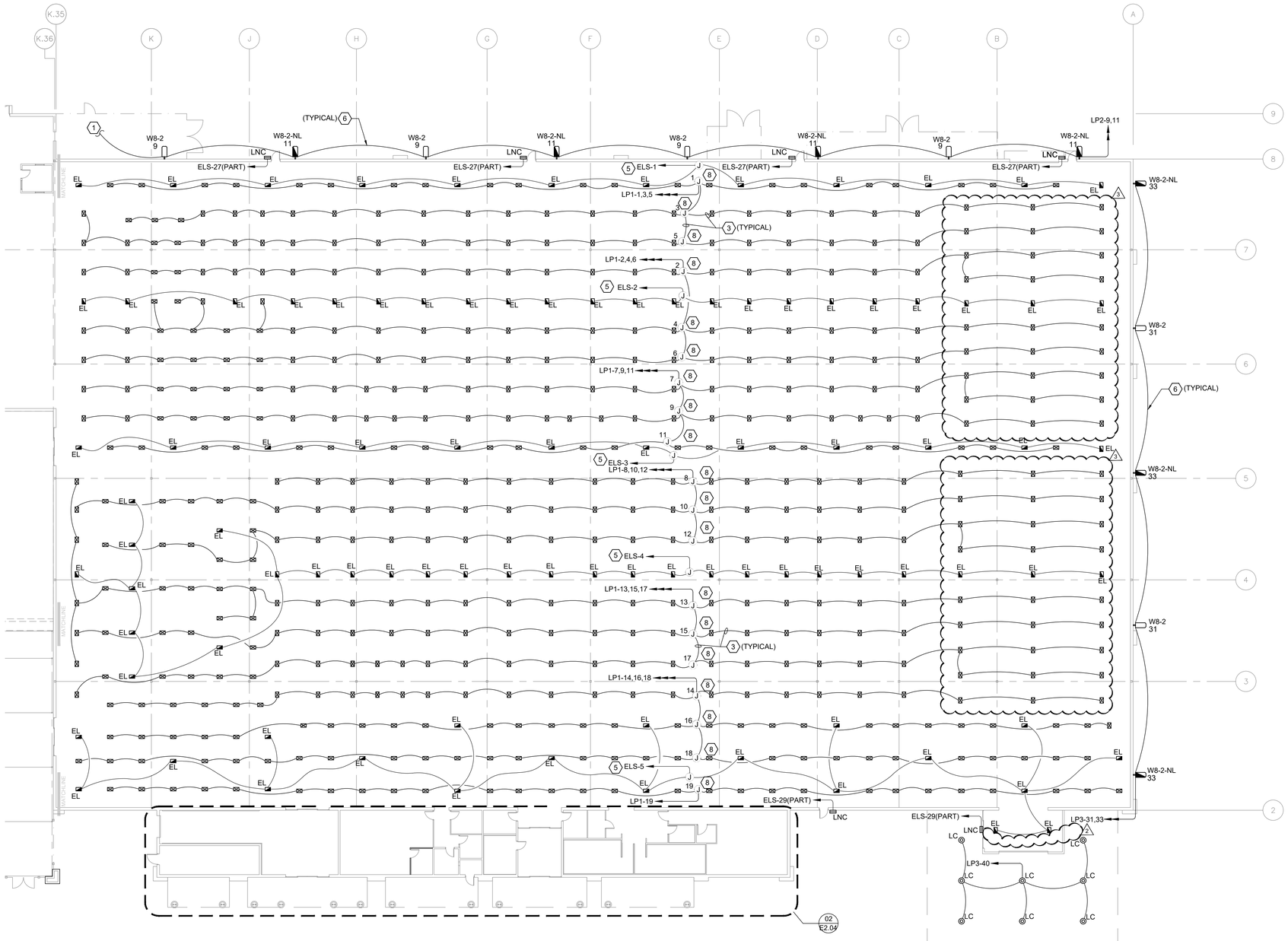
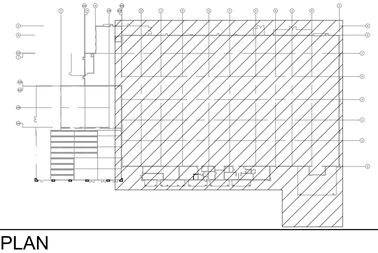


SHEET NOTES

1. SEE GENERAL NOTES ON SHEET E1.00.
2. FOR GARDEN CENTER LIGHTING CIRCUITRY CONTINUATION SEE 1-E2.03.
3. ALL MATERIALS SHALL BE NEW, UL LABELED, AND USED ACCORDING TO THE LISTING OF THE MATERIAL FOR THE INTENDED PURPOSE.
4. THE LOCATION AND ROUTE OF CONDUITS AND RACEWAYS IN THESE DRAWINGS ARE SCHEMATIC. ALL EXPOSED CONDUITS AND RACEWAYS AND ALL CONDUITS AND RACEWAYS ABOVE LAY-IN CEILINGS SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO THE BUILDING STRUCTURE. ALL UNDERSLAB AND UNDERGROUND CONDUITS AND RACEWAYS SHALL BE INSTALLED THE MOST DIRECT ROUTE AND PROPERLY COORDINATED WITH ALL OTHER UNDERGROUND UTILITIES. ALL UNDERSLAB AND UNDERGROUND CONDUITS SHALL BE RIGID STEEL OR CODE APPROVED PVC CONDUITS. ALL UNDERSLAB AND UNDERGROUND BENDS AND ELBOWS SHALL BE MADE WITH RIGID STEEL ELBOWS TO PREVENT CUTTING THROUGH PVC WHEN PULLING CONDUCTORS. ALL CONDUIT IN THE CEILING OF THE SALES FLOOR, RECEIVING AREAS AND GARDEN CENTER SHALL BE MOUNTED TO THE BOTTOM OF THE TOP CHORD OF ALL JOISTS AND GIRDERS UNLESS EXPRESSLY PERMITTED OTHERWISE BY THE DRAWINGS. NO CONDUIT SHALL BE PERMITTED BELOW THE BOTTOM CHORD. NO CONDUIT SHALL BE INSTALLED ON THE TOP OF THE TOP CHORD IN THE FLUTES OF THE STEEL DECKING UNLESS EXPRESSLY PERMITTED OTHERWISE BY THE DRAWINGS.
5. PROVIDE ALL EXPANSION FITTINGS, PITCH POCKETS, EQUIPMENT SUPPORTS AND ACCESS DOORS AS REQUIRED TO COMPLETE THE INSTALLATION OF THE ELECTRICAL SYSTEM. COORDINATE THESE REQUIREMENTS WITH OTHER APPLICABLE TRADES. AN EXPANSION FITTING MEETING THE REQUIREMENTS OF THE SPECIFICATIONS SHALL BE INSTALLED AT THE BUILDING EXPANSION JOINT(S). SEE DETAIL 07-E6.00.
6. ALL CONDUCTORS SHALL BE COPPER WITH TYPE THHN/THWN OR XHHW INSULATION SUITABLE FOR THE INTENDED USE. ALL LIGHTING HOMERUNS SHALL BE #10 AWG MINIMUM UNLESS LARGER SIZES ARE INDICATED ON THE DRAWINGS OR IN PANELBOARD SCHEDULES ON SHEET E10.00. ALL 120 VOLT AND 277 VOLT BRANCH CIRCUITS OVER 100 FEET SHALL BE #10 AWG FROM THE PANELBOARD TO THE FIRST OUTLET UNLESS LARGER SIZES ARE INDICATED ON THE DRAWINGS OR IN THE PANELBOARD SCHEDULES ON SHEET E10.00.
7. ALL EMERGENCY LIGHTING SUPPLIED BY PANEL "ELS" SHALL HAVE DEDICATED CONDUIT AND WIRING SYSTEMS FROM THIS PANEL AND IN NO INSTANCE SHALL OTHER WIRING BE PERMITTED TO SHARE THIS CONDUIT AND WIRING SYSTEM.
8. LOWE'S WILL PROVIDE THE LIGHTING SUPPLIER WITH THE LIGHT FIXTURE WIRING DRAWINGS FOR COORDINATION OF THE MODULAR WIRING SYSTEM. THE MODULAR WIRING SYSTEM TYPE SHALL BE A 3-WIRE POWER WITH 0-10V DIMMING CABLE INCORPORATED INTO ONE CABLE. THE MODULAR WIRING SYSTEM BEGINS WITH A JUNCTION BOX LOCATED AT THE FIRST FIXTURE OF EACH LIGHTING CIRCUIT.
9. THE ELECTRICAL SUBCONTRACTOR SHALL PROVIDE THE PROPER NUMBER OF PHASE, NEUTRAL, AND GROUND CONDUCTORS OF THE APPROPRIATE SIZE, AS INDICATED ON THE PANEL SCHEDULES, FROM THE PANELBOARD TO THE JUNCTION BOXES AT THE BEGINNING OF EACH LIGHTING CIRCUIT. A DEDICATED NEUTRAL SHALL BE PULLED FOR EACH CIRCUIT FROM THE SPECIFIC PANELBOARD. ABSOLUTELY NO SHARING OF NEUTRALS BETWEEN PANELBOARDS OR LIGHTING CIRCUITS SHALL BE PERMITTED. SEE DETAIL 02-E6.01.
10. THE ELECTRICAL SUBCONTRACTOR SHALL PROVIDE A 0-10V DIMMING CABLE FROM THE DIMMING CONTROL PANEL TO THE JUNCTION BOXES AT THE BEGINNING OF EACH LIGHTING CIRCUIT TO BE TIED INTO THE MODULAR WIRING DIMMING CABLE. SEE DETAIL 02-E6.01.
11. ALL FIRE RATED WALL PENETRATIONS SHALL BE PROTECTED ACCORDING TO DETAIL 03-E6.00. COORDINATE THE LOCATION OF FIRE RATED WALLS INDICATED ON THE ARCHITECTURAL SHEETS.
12. ANY MULTIPLE CIRCUIT RUN IN A SINGLE CONDUIT FROM SINGLE POLE CIRCUIT BREAKERS SHALL HAVE A DEDICATED NEUTRAL PULLED WITH EACH CIRCUIT.
13. ALL EXTERIOR LIGHTING CIRCUITS SHALL BE INSTALLED IN CONDUIT WITH COMPRESSION FITTINGS. NO MODULAR WIRING ALLOWED IN EXTERIOR SPACES.
14. ANY EXCESS MODULAR WIRING SHALL BE NEATLY COILED AND SECURED ABOVE BOTTOM CHORD OF JOIST IN THE EVENT IT IS NEEDED IN THE FUTURE.
15. LIGHTING DIMMING PANEL PROVIDER SHALL PROVIDE IN THEIR "OWNER FURNISHED" PRICING TO LOWE'S, A PER PROJECT SYSTEM START UP PROCESS FOR EACH NEW LIGHTING DIMMING PANEL ORDER. A FACTORY AUTHORIZED SERVICE REPRESENTATIVE SHALL VERIFY AND/OR PERFORM THIS ON-SITE EQUIPMENT START UP PROCEDURE PRIOR TO THE COMMENCEMENT OF THE BUILDING COMMISSIONING. DIMMING PANEL CONTROLLER SHALL BE SET UP TO PROPERLY COMMUNICATE WITH LOWE'S BMS SYSTEM. DURING BUILDING COMMISSIONING, ANY DEFICIENCIES OR CONNECTION ISSUES FOUND DUE TO THE CONTROLLER NOT PROGRAMMED OR INCORRECTLY PROGRAMMED, SHALL BE THE RESPONSIBILITY OF THE PROVIDER TO CORRECT AT NO ADDITIONAL EXPENSE TO LOWE'S.
    - START UP/INITIAL TESTING, IP ADDRESS PROGRAMMING (**IP ADDRESS 10.21.9.200**), AND COMMUNICATION MODE PROGRAMMING

KEYED NOTES

1. FOR CONTINUATION OF CIRCUIT SEE 01-E2.03.
2. NOT USED,
3. UL MANUFACTURED MODULAR WIRING SYSTEM ROUTED BETWEEN FIXTURES. HOME RUN JUNCTION BOXES SHALL BE HARDWIRED FROM LIGHTING PANELS. SEE DETAIL 02-E6.01.
4. NOT USED.
5. ALL 'EL' CIRCUITRY FROM PANEL 'ELS' SHALL BE ROUTED SEPARATE FROM ALL OTHER CIRCUITRY.
6. ALL EXTERIOR BUILDING MOUNTED FIXTURES CONDUIT AND CIRCUITRY SHALL BE ROUTED WITHIN THE BUILDING AND ABOVE THE BOTTOM CHORD OF ROOF JOISTS.
7. NOT USED.
8. SALES FLOOR LIGHTING CONTROLLED BY ENERGY MANAGEMENT SYSTEM AND DIMMING PANEL. SEE PANEL AND DIMMING CONTROL CODE 'E6' ON SHEET E10.0.



REVISIONS

◇ PRE-BID SET ISSUE DATE	△ POST BID SET ISSUE DATE	DATE	DESCRIPTION
		10.10 2025	1 PLAN REVIEW COMMENTS
		10.31 2025	2 CITY REVIEW COMMENTS
		10.07 2026	3 CRITERIA UPDATES

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LOWE'S

SALES FLOOR LIGHTING CIRCUITRY PLAN AND NOTES

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PROJECT No: 24209 | DRAWN BY: AMP | CHECKED BY: CARP

CRITERIA ISSUE DATE:	02-2025
PERMIT SET ISSUE DATE:	08-22-2025
CONSTRUCTION SET ISSUE DATE:	04-14-2025

DRAWING NUMBER:
E2.02

ORIGINAL	SECOND	FINAL

SALES FLOOR - LIGHTING FIXTURE CIRCUITRY PLAN — 01 — 1"=20'-0"
REF.: SOURCE:

KEY PLAN — NTS
REF.: SOURCE: