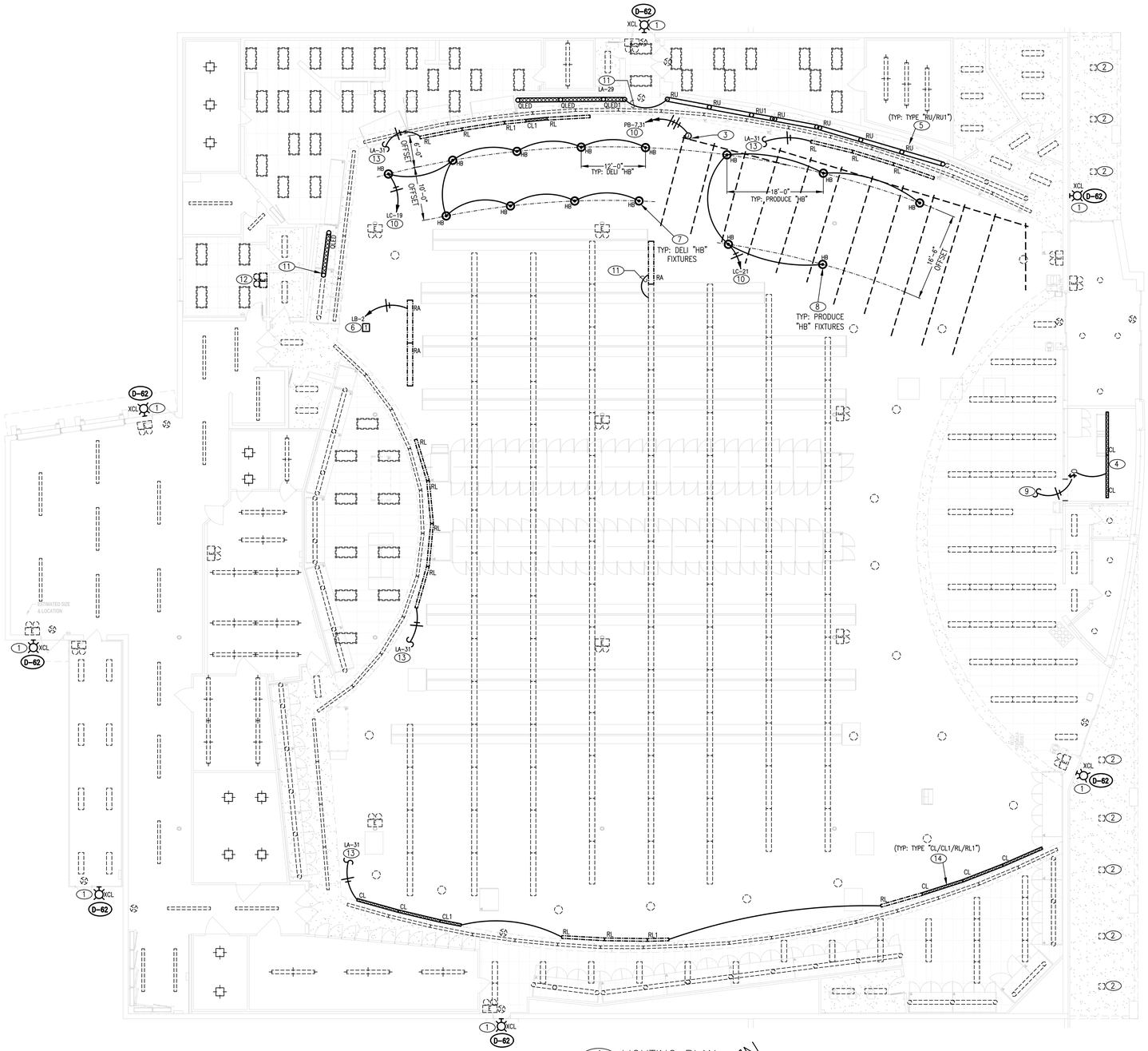

1 LIGHTING PLAN
E1.01 3/32" = 1'-0"

GENERAL NOTES:

1. LIGHT FIXTURES SHALL BE MANUFACTURED BY SYLVANIA UNLESS NOTED OTHERWISE. PURCHASE FROM SYLVANIA AT THE NATIONAL CONTRACT PRICE. FOR PURCHASE, CONTACT SYLVANIA AT 1-800-573-1514 EXT. 0066. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES, RATINGS, LENGTHS....ETC. ANY DISCREPANCIES SHALL BE RESOLVED WITH SYLVANIA PRIOR TO BID. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITION TO THE BILL OF MATERIALS DUE TO LOCAL, STATE GOVERNMENTAL CODES.
2. EMERGENCY & EXIT LIGHTS SHOWN ARE A MINIMUM. ENGINEER OF RECORD SHALL PROVIDE EMERGENCY LIGHT FIXTURES IN ACCORDANCE WITH LIFE SAFETY CODE 101 SECTION 5-9 AND LOCAL ORDINANCE.
3. ALL JUNCTION BOXES LOCATED IN NEW COOLERS & FREEZERS ARE TO BE WEATHERPROOF. AFTER WIRING IS COMPLETE, SEAL ALL PENETRATIONS PER NEC 370-15 TO PREVENT MOISTURE TRANSFER AND ACCUMULATION. ANY MOISTURE ACCUMULATION/CONDENSATION OR ICE PRESENT WITHIN A REFRIGERATED SPACE, CONDUIT BODY, ELECTRICAL BOX OR FIXTURE SHALL BE REMOVED WHILE THE ENTRY POINT IS PROPERLY REPAIRED/SEALED.
4. ALL NEW LIGHT SWITCHES ARE TO BE MOUNTED NO MORE THAN 44" A.F.F. PER THE REQUIREMENTS OF A.D.A.
5. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR RUNNING ALL NEW WIRING TO PANELS & CONNECTION OF ALL FIXTURES.
6. ELECTRICAL CONTRACTOR SHALL SUPPLY & INSTALL END CAPS ON BOTH ENDS OF EVERY NEW LIGHT FIXTURE RUN. NO END CAPS SHALL BE INSTALLED BETWEEN TWO ADJOINING FIXTURES.
7. ELECTRICAL CONTRACTOR SHALL SUPPLY & INSTALL JUNCTION BOXES ABOVE BAR JOISTS.
8. ALL EMERGENCY LIGHTING SHALL BE ON A SCHEDULED CIRCUIT, AND ON THE LINE SIDE OF ANY ENERGY MANAGEMENT CONTROLS.
9. "NL" INDICATES FIXTURES ON A NIGHT LIGHT CIRCUIT.
10. ALL HOME RUNS SHALL GO TO EXISTING PANELS, UNLESS INDICATED OTHERWISE. THE ELECTRICAL CONTRACTOR SHALL VERIFY SIZE WITH EQUIPMENT AND SUPPLY ALL NEW BREAKERS AND RE-SIZED BREAKERS FOR EXISTING CIRCUITS AS REQUIRED.
11. ALL NEW WIRING SHALL BE DONE IN STRICT ACCORDANCE WITH N.E.C. STANDARDS AND WITH FOOD LION STANDARDS. NO SLOPPY OR HAZARDOUS WORK WILL BE ACCEPTED, NO COLOR CHANGES IN WIRE RUNS, MISLABELED CIRCUITS, ETC.
12. ELECTRICAL CONTRACTOR IS TO MAKE SURE THAT NO MC OR FLEX CABLES ARE USED UNLESS OTHERWISE NOTED. MC OR FLEX CABLES CAN ONLY BE USED IN SHORT RUNS FOR LIGHTING FEEDS. ELECTRICAL METAL TUBING MUST BE USED TO CONNECT PANEL TO JUNCTION BOX AND HAVE COMPRESSION TYPE FITTINGS. SEE SPECIFICATIONS FOR STANDARD PRACTICES.
13. ELECTRICAL CONTRACTOR SHALL INSTALL WIRE GUARDS OVER NEW LIGHTS ON 8'-0" CEILINGS OR LOWER THROUGHOUT THE ENTIRE STORE.
14. PROVIDE TUBE SHIELDS FOR ALL NEW LAMPS IDENTIFIED WITH "TS" INCLUDING BUT NOT LIMITED TO FIXTURES IN PRODUCE PREP AND PRODUCE SALES. SEE LIGHTING FIXTURE SCHEDULE ON SHEET E6.02
15. ~~ALL UP-LIGHTING ATOP THE PERIMETER HIGH DECK REFRIGERATED CASES SHALL BE TYPE "NNL" (SEE LIGHT FIXTURE SCHEDULE ON SHT. E6.02) UNLESS OTHERWISE NOTED. UP-LIGHTING SHALL BE INSTALLED THRU THE ENERGY MANAGEMENT SYSTEM, REFER TO E6.03 FOR CORRECT LOAD #. LIGHTING TO BE INSTALLED AT LEAST 6" IN FROM THE EDGES OF THE CASES AND AS CLOSE TO THE FRONT OF THE CASE AS THE VALANCE WILL ALLOW.~~
16. THE FOOD LION STOREFRONT SIGN IS FURNISHED & INSTALLED BY OTHERS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE PIG-TAILS, FINAL CONNECT WIRE STOREFRONT SIGN AND WIRE TO APPROPRIATE CIRCUITS.
17. ANY LIGHT FIXTURES TO BE REUSED ARE TO BE REMOVED AND STORED IN A MANNER THAT RENDERS THEM REUSABLE IN A SECURED TRAILER BY THE GC./EC.
18. ALL "E" LIGHTING SHALL BE ON A DEDICATED OR LABELED CIRCUIT AND BE ON THE LINE SIDE OF ANY ENERGY MANAGEMENT CONTROLS.

REFER TO SHEET E2.01 FOR LIGHT FIXTURE SCHEDULE
REFER TO SHEET E6.04 FOR ENERGY MANAGEMENT SYSTEM NOTES
HANGING TRACK SYSTEM NOTES: (SUPPLIED BY FOOD LION)

PRODUCE AREA EQUIPMENT: (SILVER COATED)
2 CIRCUIT SILVER TRACK BY BUS STRUT; PROVIDED BY FOOD LION AMERICA, INSTALLED BY DECOR VENDOR, WIRED BY ELECTRICAL CONTRACTOR.

ELECTRICAL:
THE TRACK SYSTEM WILL HAVE A SINGLE CORNER DROP FROM A 4"X4" JUNCTION BOX STRATEGICALLY LOCATED IN THE BAR JOISTS ABOVE THIS AREA. BX CORD TO BE SILVER. ELECTRICAL CONTRACTOR TO PROVIDE TWO (2) 20 AMP CIRCUITS. ELECTRICIAN WILL NEED 90-DEGREE CONNECTOR INTO KNOCKOUT OF FITTING.

TRELLIS SCENARIOS:
- EXISTING TRELLIS (1 CIRCUIT TRACK) TO REMAIN- NO CHANGES. EXISTING TRELLIS WILL REMAIN ON SINGLE ELECTRICAL CIRCUIT AND EMS LOAD 1.
- EXISTING TRELLIS (2 CIRCUIT TRACK) TO REMAIN- EC TO VERIFY 2 ELECTRICAL CIRCUITS ARE DEDICATED AND SPLIT 1/3 VS. 2/3 ON EMS LOADS 1 & 9.
- EXISTING TRELLIS TO BE REPLACED WITH BUS STRUT- EC TO VERIFY 2 ELECTRICAL CIRCUITS ARE DEDICATED ON EMS LOAD 9.
- NO TRELLIS EXISTING, ADDING BUS STRUT- REQUIRES 2 DEDICATED CIRCUITS, ON EMS LOAD 9.

GC SHALL NOT WIRE TRELLIS TO AN EXISTING LIGHTING LOAD/RUN.

TRACK LAYOUT:
THE PRODUCE TABLE ARRANGEMENT ON THESE DRAWINGS HAS BEEN APPROVED AND SHOULDN'T BE CHANGED UNLESS REQUESTED BY FOOD LION AMERICA. BE SURE THAT THE TRACK HEADS ARE MOUNTED AS INDICATED ON THE DRAWINGS. ADJUSTMENT CAN BE MADE AFTER THE TABLES ARE IN PLACE.

INSTALLATION: (BY DECOR CONTRACTOR):
THE TRACK SYSTEM AND TRACK HEADS WILL BE DELIVERED AND INSTALLED BY SOUTHEASTERN PRODUCTS. ELECTRICAL CONTRACTOR TO PROVIDE POWER TO TRACK AND CONNECT.

TRELLIS MOUNTING HEIGHTS (APPLICABLE TO NEW TRELLISES):
- 10' AFF CEILING- MOUNT TRELLIS TO CEILING, MAINTAIN 8" MIN. HORIZONTAL CLEARANCE FROM SPRINKLER HEADS.
- 11' AFF CEILING- MOUNT TRELLIS TO CEILING, MAINTAIN 8" MIN. HORIZONTAL CLEARANCE FROM SPRINKLER HEADS.
- 12' AFF CEILING & HIGHER- MOUNT AT 10'-6" AFF.
- OPEN CEILING- SUSPEND AT 12'-0" AFF.
- GARDEN COOLER INTERIOR- MOUNT TRELLIS AT 10'-6" AFF
- GARDEN COOLER SALES AREA- SEE ABOVE.

BUS STRUT CONTACT:
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LIGHTING PLAN KEYED NOTES

1. NEW EXTERIOR EGRESS EMERGENCY LIGHTING FIXTURE WITH 90 MINUTE BATTERY BACKUP TO REPLACE EXISTING. RECONNECT TO EXISTING CIRCUITS AS REQUIRED. NEW LOAD TO BE OFFSET BY REMOVAL OF EXISTING.
2. CLEAN EXISTING STORE FRONT AND VESTIBULE LIGHTING FIXTURES.
3. BUS STRUT LIGHTING PROVIDED AND INSTALLED BY OTHERS AND MOUNTED AT 12'0"AFF, E.C. TO PROVIDE CIRCUITRY AS INDICATED AND MAKE FINAL CONNECTIONS. TRACK TO BE FED FROM A 4X4 JUNCTION BOX LOCATED IN THE BAR JOIST. BX CORD TO BE SILVER. TIE ONTO NEW TRACK LIGHTING CIRCUIT(S) AS INDICATED. ALL NEW BUS STRUT LIGHTING SHALL BE ON EMS LOAD #9. TRACK HEADS ARE 27W LED.
4. PROVIDE SURFACE MOUNTING KIT AS REQUIRED FOR NEW "CL" TYPE FIXTURES.
5. RECONNECT TO CASE UP-LIGHTING CIRCUIT AND LIGHTING CONTROLS FROM WHICH EXISTING FIXTURES WERE REMOVED. NET LOAD ON CIRCUIT TO BE REDUCED DUE TO DEMOLITION.
6. EMS CONTROL CIRCUIT INDICATED IN BOX. RUN LIGHTING CIRCUITS THROUGH EXISTING CONTACTOR CONTROLLED BY EMS NUMBER INDICATED. IF NO SPARE POLES ARE AVAILABLE, PROVIDE NEW CONTACTOR IN ENCLOSURE AND CONTROL WIRING AS REQUIRED. FIELD VERIFY. SEE SHEET E6.04.
7. DELI/BAKERY SALES "HB" FIXTURES TO BE MOUNTED AT 14'0"AFF. PROVIDE MOUNTING PIPE AND UNISTRUT FOR MOUNTING AS REQUIRED.
8. PRODUCE SALES "HB" FIXTURES TO BE MOUNTED TO BE MOUNTED TO BOTTOM OF JOIST. PROVIDE UNISTRUT FOR MOUNTING AS REQUIRED.
9. TIE ONTO TO LOAD EXISTING OFFICE LIGHTING CIRCUIT. TOTAL LOAD ON CIRCUIT TO NOT EXCEED 15 AMPS.
10. RE-USE EXISTING EMS CONTROLLED LIGHTING CIRCUITRY IN AREA THAT BECAME AVAILABLE VIA DEMOLITION. FIELD VERIFY EXACT CIRCUIT NUMBERS AS THE EXISTING PANEL DIRECTORIES ARE NOTE 100% ACCURATE. ELECTRICAL CONTRACTOR SHALL TRACE EXISTING CIRCUIT AND LABEL CORRECTLY IN PANEL.
11. TIE ONTO ADJACENT EMS CONTROLLED LIGHTING CIRCUIT AS INDICATED. FIELD VERIFY AFFECTED CIRCUIT. EXISTING CIRCUIT LOAD SHALL NOT EXCEED 15 AMPS TOTAL LOAD.
12. RELOCATED EMERGENCY LIGHT. RECONNECT TO EXISTING CIRCUIT AS REQUIRED.
13. TIE NEW AND RELOCATED DEPARTMENT SALES DECOR LIGHTING ONTO EXISTING DECOR LIGHTING CIRCUIT "LA-31" AS INDICATED. SEE PANEL SCHEDULE FOR UPDATED LOAD ON CIRCUIT.
14. THESE FIXTURES INTENDED FOR DECOR DEPARTMENT SIGN LIGHTING. VERIFY LOCATIONS, QUANTITIES, AND MOUNTING HEIGHTS WITH THE DECOR CONTRACTOR AND THE FOOD LION CONSTRUCTION MANAGER. FIXTURES SHALL BE INSTALLED 2'-0" FROM BULKHEAD AS REQUIRED. FINAL INSTALLATION TO BE COMPLETED AFTER SIGN INSTALLATION TO INSURE PROPER PLACEMENT. VERIFY EXISTING CIRCUIT IS RUN THROUGH EXISTING CONTACTOR ON EMS CONTROL LOAD #1. FIELD VERIFY EXISTING. PROVIDE NEW CONTACTOR IN ENCLOSURE AND CONTROL WIRING IF SPARE POLE NOT AVAILABLE. SEE EMS NOTES ON SHEET E6.04.

NOTE:
FED FROM LA (#1), LB (#40, #42). EXIT LIGHTS & LIGHTS AT FRONT END WERE CONFIRMED TO NOT ILLUMINATE WHEN ABOVE CIRCUITS WERE DE-ENERGIZED. LIGHTS IN BOTH FRONT RESTROOMS WERE CONFIRMED TO NOT ILLUMINATE WHEN ABOVE CIRCUITS WERE DE-ENERGIZED.

REPAIR, ALL EMERGENCY LIGHTING SHALL BE FED FROM A BRANCH CIRCUIT PANELBOARD, ON THE LINE SIDE OF ANY ENERGY MANAGEMENT CONTROLS, AND SHALL BE LABELED / SCHEDULED AS SUCH.
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NOTE:
GENERAL CONTRACTOR SHALL COORDINATE WITH DECOR PLAN AND CONSTRUCTION MANAGER PRIOR TO MOUNTING EMERGENCY/EGRESS SIGNS, RECEPTACLES, ETC. TO PREVENT INTERFERENCE WITH DECOR AND FINISH ELEMENTS.

NOTE:
EC TO COORDINATE REPLACEMENT OF EXISTING EMERGENCY LIGHTING WITH FOOD LION CONSTRUCTION SUPERVISOR.

SPECIAL REPAIR NOTES
D-XX INDICATES CRESCENT CONSTRUCTION SERVICES REPORT DEFICIENCY. SEE SHEET E6.03 FOR LIST OF CRESCENT REPAIR NOTES.

SYMBOL LEGEND
- NEW LIGHTING FIXTURES
- EXISTING LIGHTING FIXTURES
- RL NEW LOCATION OF RELOCATED LIGHTING FIXTURES
- EXISTING DOWN LIGHT
- NEW/EXISTING EMERGENCY LIGHTS
- NEW/EXISTING EXIT LIGHTS
- EMERGENCY BATTERY BACK-UP LIGHTING FIXTURE
- X ENERGY MANAGEMENT LOAD NUMBER.
- NEW DECOR LIGHTING
- NEW CASETOP UPLIGHTING
- EXISTING CASETOP UPLIGHTING
- POWERED TRELLIS
- NEW WALL MOUNTED OCCUPANCY SENSOR SWITCH
- NEW/EXISTING EXTERIOR EMERGENCY LIGHTING FIXTURE WITH BATTERY

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REVISION / ISSUE HISTORY

REV	DATE	REVISION / ISSUE NAME
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PROJECT NO 2220380	DRAWN BY KAK
PERMIT SUB DATE 04/14/2023	CHECKED BY HCK

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SHEET TITLE
LIGHTING PLAN

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