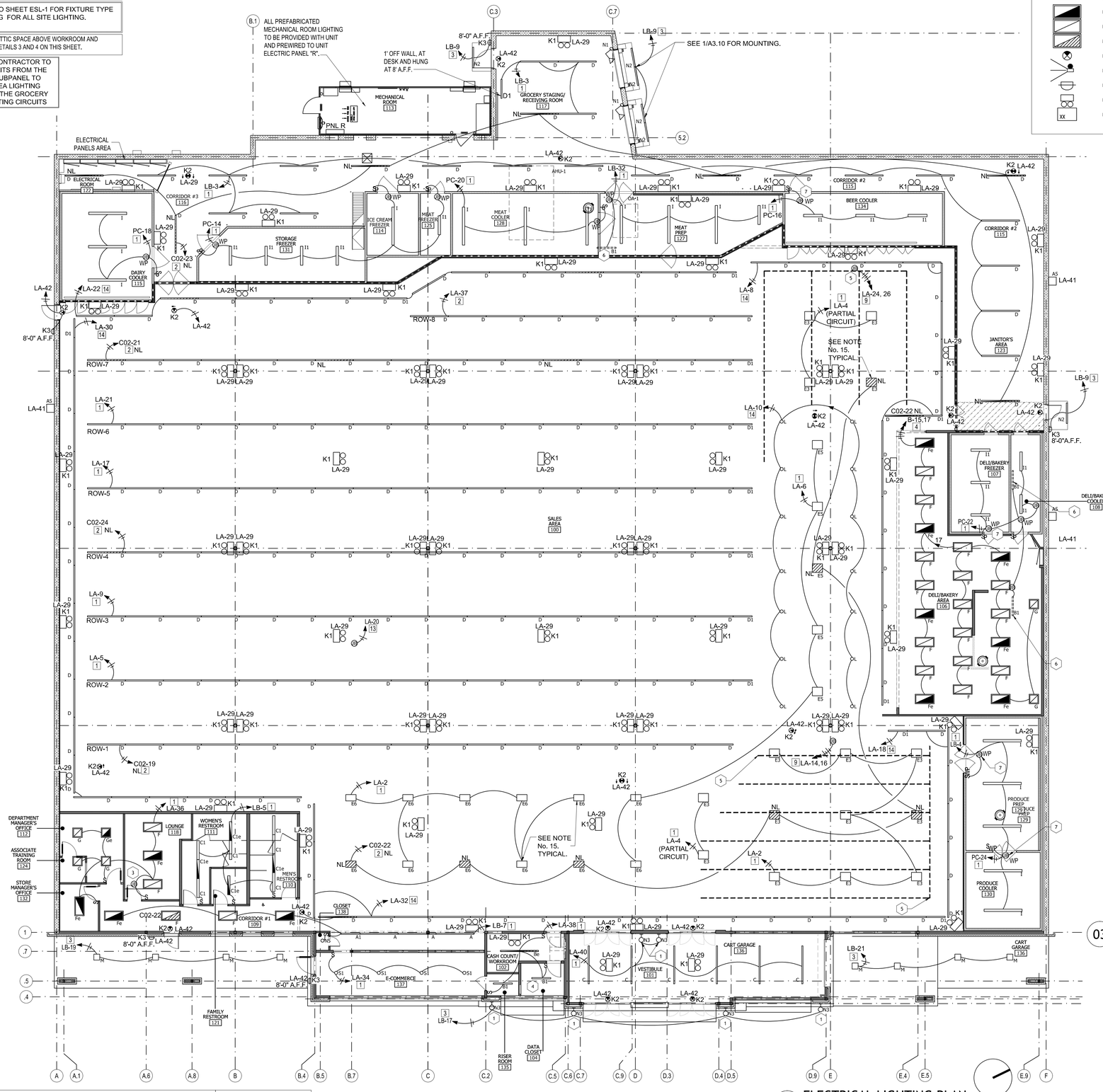
NOTE: THE ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF ALL LIGHT FIXTURES AND CEILING MOUNTED EVAPORATORS IN PREP AREAS. TYPICAL

NOTE: REFER TO SHEET ESL-1 FOR FIXTURE TYPE AND CIRCUITING FOR ALL SITE LIGHTING.

FOR LIGHTING IN ATTIC SPACE ABOVE WORKROOM AND VESTIBULE, SEE DETAILS 3 AND 4 ON THIS SHEET.

ELECTRICAL CONTRACTOR TO EXTEND CIRCUITS FROM THE GENERATOR SUBPANEL TO THE SALES AREA LIGHTING CIRCUITS AND THE GROCERY STAGING LIGHTING CIRCUITS



01 ELECTRICAL LIGHTING PLAN

SCALE: 3/32" = 1'-0"

NORTH

REF:
REFER TO SHEET E6.02 STRATEGY LIGHT FIXTURE SCHEDULE FOR SPECIFIC LIGHT INFORMATION.

ILB CP10 A EMERGENCY BALLAST FOR FIXTURE S1 WHEN NEEDED

ELECTRICAL LIGHTING PLAN LEGEND

SYMBOL	DESCRIPTION
	EMERGENCY LIGHTS
	LIGHTS
	NIGHT LIGHTS
	EXIT SIGNS
	ENERGY MANAGEMENT LOAD NUMBER
	EMERGENCY LIGHTS
	EMERGENCY LIGHTS
XX	ENERGY MANAGEMENT LOAD NUMBER

DRAWING LIST

E1.01 ELECTRICAL LIGHTING PLAN
E1.01a ELECTRICAL LIGHT FIXTURE LOCATION PLAN
E1.02 ELECTRICAL POWER PLAN
E1.03 REFRIGERATION WIRING PLAN
E1.03A ELECTRICAL REFRIG. COMMUNICATION PLAN
E1.04 SECURITY PLAN
E1.05 FIRE SYSTEM PLAN
E1.06 COMMUNICATION PLAN
E1.07 ROOF ELECTRICAL PLAN
E2.01 ELECTRICAL ELEVATIONS
E4.01 DELI/BAKERY ELECTRICAL POWER PLAN
E4.02 WORKROOM & REGISTER POWER PLAN
E4.03 WORKROOM & REGISTER COMMUNICATION PLAN
E5.01 ELECTRICAL DETAILS
E5.02 ELECTRICAL ONE LINE DIAGRAM
E5.03 ELECTRICAL CONTROLS DIAGRAM
E6.01 ELECTRICAL PLAN SCHEDULES
E6.02 ELECTRICAL SCHEDULES & DIAGRAMS
E6.03 EMS LOAD & DIMMING SCHEDULE
E7.01 LIGHTSERVE - EPS PLANS & DETAILS
E8.0 ENERGY CALCULATIONS
ESL-1 ELECTRICAL SITE PLAN

REFER TO COVER SHEET FOR NATIONAL ACCOUNTS CONTACTS AND RESPONSIBILITY SCHEDULE.

ELECTRICAL LIGHTING PLAN GENERAL NOTES

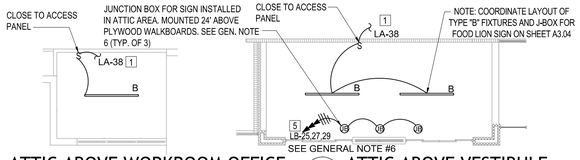
1. JANITOR AND RESTROOMS FANS SHALL BE WIRED TO RUN CONTINUOUSLY DURING STORE OPERATING HOURS. REFER TO SHEET SHEET E1.07 FOR POWER CONNECTIONS TO HVAC EQUIPMENT. NOTE: NOT TO BE SWITCHED OPERATED.
2. LIGHT FIXTURES IN GROCERY STAGING/RECEIVING AREA SHALL BE HUNG FROM BAR JOISTS AT 10'-0" A.F.F.
3. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR RUNNING THE CONDUIT & WIRING FOR THE FREE STANDING FOOD LION, PYLON SIGN. THIS SIGN SHALL BE POWERED OFF APPROPRIATE PANEL IN EQUIPMENT RM. ALL SHOPPING CENTER SIGNS SHALL BE POWERED FROM THE HOUSE PANEL. FOR FL STORES ONLY.
4. ALL LIGHTING FIXTURES SHALL BE FURNISHED BY WESCO LIGHTING SERVICES AND INSTALLED BY THE ELECTRICAL CONTRACTOR (UNLESS OTHERWISE NOTED).
5. 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.
6. THE FOOD LION STOREFRONT SIGN IS FURNISHED & INSTALLED BY OTHERS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE PIG-TAILS, WIRE STOREFRONT SIGN AND WIRE TO APPROPRIATE CIRCUITS.
7. ALL JUNCTION BOXES LOCATED IN COOLERS & FREEZERS ARE TO BE WEATHERPROOF. AFTER WIRING IS COMPLETE, SEAL ALL PENETRATIONS PER NEC 370-15. (SEAL TO PREVENT ANY AIRFLOW.)
8. ALL EXTERIOR LIGHTING SHALL BE ON DEDICATED CIRCUITS.
9. ALL LIGHT SWITCHES ARE TO BE MOUNTED 44" A.F.F. TO THE CENTER OF THE BOX.
10. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR RUNNING ALL WIRING TO PANELS & CONNECTION OF ALL FIXTURES.
11. ALL 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. EMT MUST BE USED TO CONNECT PANEL TO JUNCTION BOX AND HAVE COMPRESSION TYPE FITTING. SEE SPECIFICATIONS FOR STANDARDS PRACTICES.
13. ELECTRICAL CONTRACTOR SHALL SUPPLY & INSTALL END CAPS ON BOTH ENDS OF EVERY LIGHT FIXTURE RUN. NO END CAPS SHALL BE INSTALLED BETWEEN TWO ADJOINING FIXTURES.
14. ELECTRICAL CONTRACTOR SHALL SUPPLY & INSTALL JUNCTION BOXES ABOVE BAR JOISTS.
15. TYPE "E" FIXTURES OVER CHECK-OUT AND ABOVE SALES AREA FLOOR SHALL MATCH SLOPE OF ROOF AND MOUNTED LEVEL WITH THE BOTTOM CHORD OF THE BAR JOISTS.
16. "NL" INDICATES FIXTURES ON A NIGHT LIGHT CIRCUIT.
17. DECOR CONTRACTOR TO INSTALL AMERLUX SYSTEM. ELECTRICAL CONTRACTOR SHALL POWER AMERLUX SYSTEM.

ENERGY MANAGEMENT NOTES

1	THE ENERGY MANAGEMENT CONTROL CABINET WITH ENVIRONMENTAL CONTROL PANEL SHALL BE PURCHASED FROM SESCO BY THE MECHANICAL CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR. PHONE: 1-888-996-2220.
2	ALL CONTRACTORS ARE LABELED PER LOAD NUMBER & MUST BE CROSS REFERENCED WITH THE INDICATED ENERGY MGMT LOAD NUMBERS TO OBTAIN CORRECT INSTALLATION, MAINTAIN ALPHABETICAL AND NUMERICAL ORDER IN BREAKING YOUR CIRCUITS ACROSS EACH LOAD.
3	ALL WIRING WILL BE NEAT & TIE-WRAPPED. EACH CIRCUIT TO LABELED ON THE LINE & LOAD SIDE OF EACH CONTACTOR. MAKE SURE ALL TERMINATIONS ARE CENTERED AND SECURE.
4	ANY ADDITIONAL CONDUCTORS IN AN ENERGY MGMT JUNCTION BOX SHALL BE NEATLY ROUTED TO EXTREME EDGE OF THE ENCLOSURE.
5	ALL COOLER & FREEZER LIGHTING CIRCUITS SHALL BE BROKEN ACROSS LOAD #1 ON 18"X18" CONTACTOR SCREEN & VERIFIED (NO HEAT TAPE RECEPTACLES, DOOR HEATERS OR FANS WILL BE ALLOWED ON THESE CIRCUITS.)
6	CONTROL OF ANY CIRCUIT WHICH IS A DEVIATION FROM THE FOOD LION STANDARD SHALL BE ADDRESSED BY THE ELECTRICAL CONTRACTOR THROUGH COORDINATION WITH FOOD LION ENERGY MANAGEMENT REPRESENTATIVE.
7	ALL CASE LIGHTING CIRCUITS SHALL BE BROKEN ACROSS LOAD #6 ON 18"X18" CONTACTOR SCREEN & VERIFIED (NO FANS OR ANTI-SWEATS).
8	RECLAIM WATER HEATERS LOCATED IN MECHANICAL ROOM SHALL BE BROKEN ACROSS THEIR INDIVIDUAL LOAD #12 CONTACTORS.
9	LIGHT FIXTURE TO BE PROVIDED WITH REMOTE LED EMERGENCY DRIVER. ELECTRICAL CONTRACTOR TO PROVIDE A REMOTE EMERGENCY LED DRIVER, IOTA - ILB CP 10A.

ELECTRICAL LIGHTING PLAN KEY NOTES

1	LIGHT FIXTURE TO BE PROVIDED WITH REMOTE LED EMERGENCY DRIVER. ELECTRICAL CONTRACTOR TO PROVIDE A REMOTE EMERGENCY LED DRIVER, IOTA - ILB CP 10A.
2	NOT USED.
3	4"x4" J-BOX MOUNTED ABOVE DOOR INSIDE LOUNGE FOR OCCUPANCY SENSOR (SENSOR BY OTHERS).
4	REFER TO DETAIL 3 & 4 ON THIS SHEET.
5	CONNECTION FOR AMERLUX BY ELECTRICAL CONTRACTOR. AMERLUX PROVIDED AND INSTALLED BY VENDOR.
6	TYPE "B1" FIXTURE TO TIE INTO AN OCCUPANCY SENSOR ABOVE COOLER TO SERVICE MECHANICAL EQUIPMENT.
7	4"x4" J-BOX MOUNTED ABOVE DOOR INSIDE WALK-IN BY ELECTRICAL CONTRACTOR FOR OCCUPANCY SENSOR. SENSOR PROVIDED AND INSTALLED BY OTHERS. TYPICAL FOR ALL WALK-IN COOLERS AND FREEZERS.

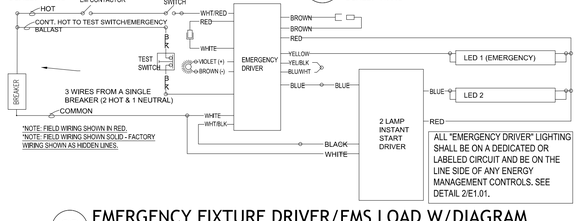


03 ATTIC ABOVE WORKROOM OFFICE

SCALE: N.T.S

04 ATTIC ABOVE VESTIBULE

SCALE: N.T.S



02 EMERGENCY FIXTURE DRIVER/EMS LOAD W/DIAGRAM

SCALE: 3/32" = 1'-0"

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BALL GROUND, GA 30107

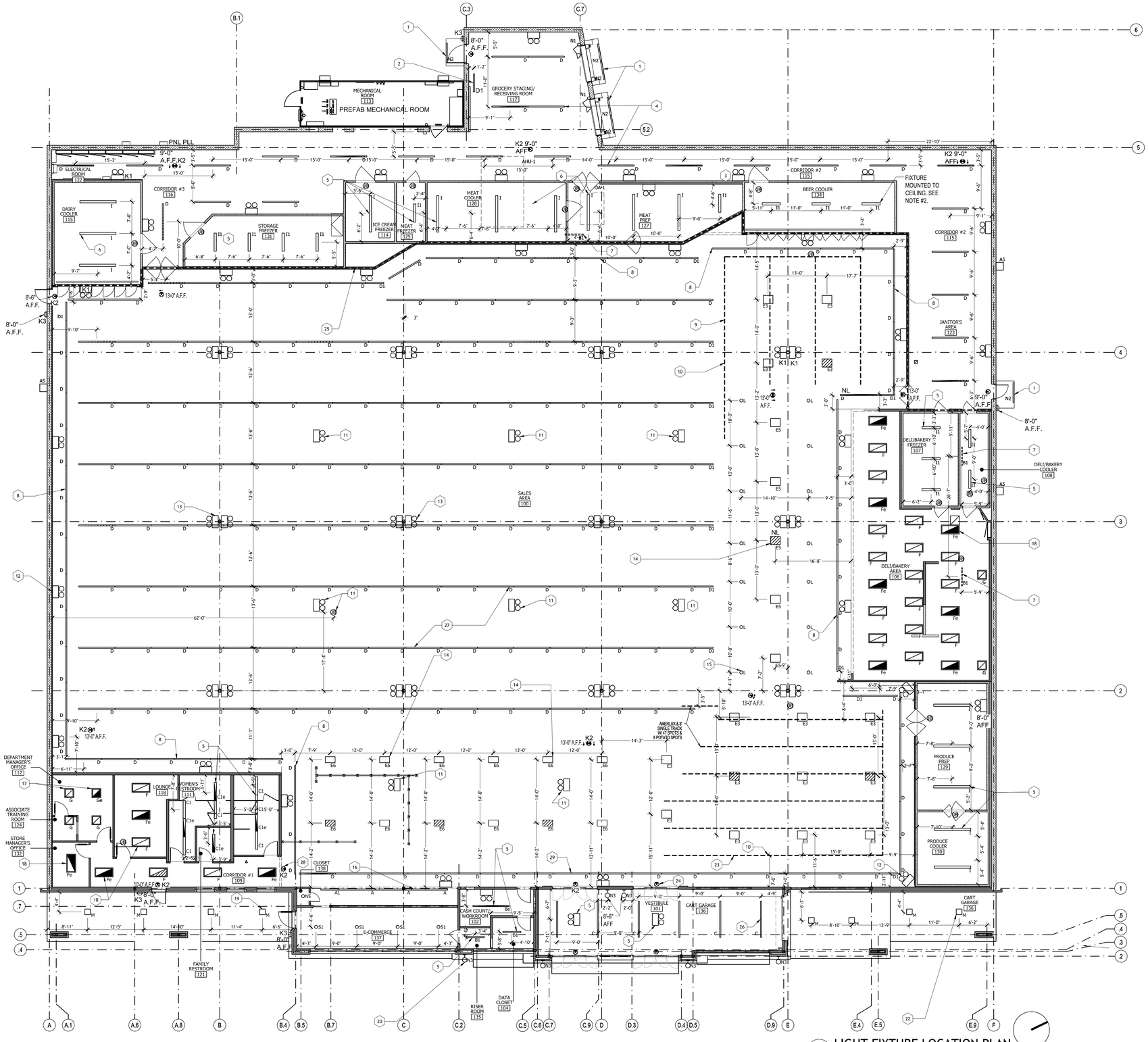
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DATE: 11/13/26

E1.01
ELECTRICAL LIGHTING PLAN

CHECKED: SN DRAWN: NA

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01 LIGHT FIXTURE LOCATION PLAN
SCALE: 3/32" = 1'-0"

NORTH

ELECTRICAL LIGHTING PLAN LEGEND

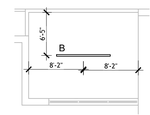
SYMBOL	DESCRIPTION
	EMERGENCY LIGHTS
	LIGHTS
	NIGHT LIGHTS
	EXIT SIGNS
	ENERGY MANAGEMENT LOAD NUMBER
	EMERGENCY LIGHTS
	EMERGENCY LIGHTS
XX	ENERGY MANAGEMENT LOAD NUMBER

ELECTRICAL LIGHT FIXTURE LOCATION PLAN GENERAL NOTES

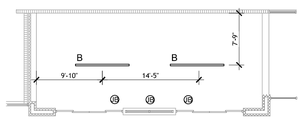
1. EXIT SIGNS SHALL BE MOUNTED TO JUNCTION BOX, SUSPENDED FROM ABOVE WITH 3/4" CONDUIT U.N.O.
2. FIXTURES IN CUSTOMER FACING WALK-INS SHALL NOT HAVE EXPOSED CONDUITS ON INTERIOR; CONDUIT MUST BE ABOVE CEILING PANEL. THIS INCLUDES BEER COOLER, MEAT PREP AND DAIRY COOLER. CONDUIT SHALL PENETRATE THROUGH THE CEILING AT EACH LIGHT FIXTURE, PENETRATIONS SHALL BE SEALED ON INSIDE AND OUTSIDE OF COOLER PANELS WITH SILICONE SEALANT, INCLUDING CONDUIT.
3. TYPE "B1" FIXTURE TO TIE INTO AN OCCUPANCY SENSOR ABOVE COOLER TO SERVICE MECHANICAL EQUIPMENT. COORDINATE LOCATION WITH EQUIPMENT TO BE INSTALLED.
4. ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF ALL LIGHT FIXTURES AND CEILING MOUNTED EVAPORATORS IN PREP AREAS. TYPICAL
5. ELECTRICAL CONTRACTOR SHALL ENSURE THAT "L" FIXTURES DO NOT CONFLICT WITH DUCT LAYOUT. CHECK LAYOUT PRIOR TO INSTALLATION OF FIXTURES.

ELECTRICAL LIGHT FIXTURE LOCATION PLAN KEY NOTES

#	
1	SEE 1/A3.10 FOR MOUNTING. TYPICAL
2	SUSPEND 8' A.F.F. AT DSD DESK
3	ALL BUG EYE TYPE K1 FIXTURES IN BACK ROOM TO BE MOUNTED AT 10'-0" A.F.F. U.N.O.
4	SUSPEND D FIXTURES IN GROCERY STAGING/RECEIVING AT 10'-0" A.F.F. U.N.O.
5	FIXTURE MOUNTED TO CEILING.
6	FIXTURE MOUNTED TO CEILING. SEE GENERAL NOTE #2.
7	SEE GENERAL NOTE #3
8	SUSPEND TYPE D WALL WASH FIXTURES THIS AREA AT 14'-0" A.F.F.
9	WINE SPOTLIGHTS BY OTHERS, HUNG BY DECOR MANUFACTURER.
10	SUSPEND AMERLUX 12'-0" A.F.F.
11	MOUNTED TO BOTTOM OF BAR JOIST
12	ALL WALL-MOUNTED BUGEYE TYPE "K1" FIXTURES TO BE MOUNTED 14'-8" IN SALES AREA U.N.O.
13	ALL COLUMN-MOUNTED BUGEYE TYPE "K1" FIXTURES TO BE MOUNTED 14'-8" IN SALES AREA U.N.O.
14	"E" FIXTURES SHALL MATCH SLOPE OF ROOF AND BE MOUNTED LEVEL WITH THE BOTTOM CHORD OF THE BAR JOISTS.
15	SUSPEND TYPE L FIXTURES AT 14'-0" A.F.F.
16	MOUNT TYPE A AND A1 FIXTURES ON THE BACK SIDE OF THE HEADER
17	NOTE: COORDINATE LAYOUT OF TYPE "O" & "OE" FIXTURES WITH SHEET A1.04
18	NOTE: COORDINATE LAYOUT OF TYPE "P" AND "Pe" FIXTURES WITH SHEET A1.04
19	MOUNT TYPE M FIXTURES TO UNDERSIDE OF CANOPY
20	TYPE "N3" FIXTURES TO BE CENTERED ON STOREFRONT COLUMN AT AT 9'-0" A.F.F.
21	NOT USED.
22	MOUNT TYPE M FIXTURES TO UNDERSIDE OF CANOPY
23	PRODUCE SPOTLIGHTS BY OTHERS, HUNG BY DECOR MANUFACTURER.
24	6" ABOVE DOOR (TYP. OF 4); SEE GEN NOTE #1
25	THE BOLD LINE INDICATES THE SEPERATION OF THE SALES AREA AND THE REAR AREAS. SEAL THESE WALLS TO THE ROOF DECK
26	SUSPENDED TYPE C FIXTURES AT 14'-0" A.F.F.
27	SUSPENDED TYPE D FIXTURES AT 14'-0" A.F.F.
28	WALL MOUNTED 6" ABOVE CORRIDOR OPENING
29	TYPE D FIXTURES IN GARDEN COOLER SHOWN OVER CASES ON PERIMETER TO BE MOUNTED ON TOP OF CASES AS UP LIGHTS. SEE NOTE #4 ON SHEET E6.02



03 ATTIC ABOVE WORKROOM OFFICE
SCALE: N.T.S



02 ATTIC ABOVE VESTIBULE
SCALE: N.T.S

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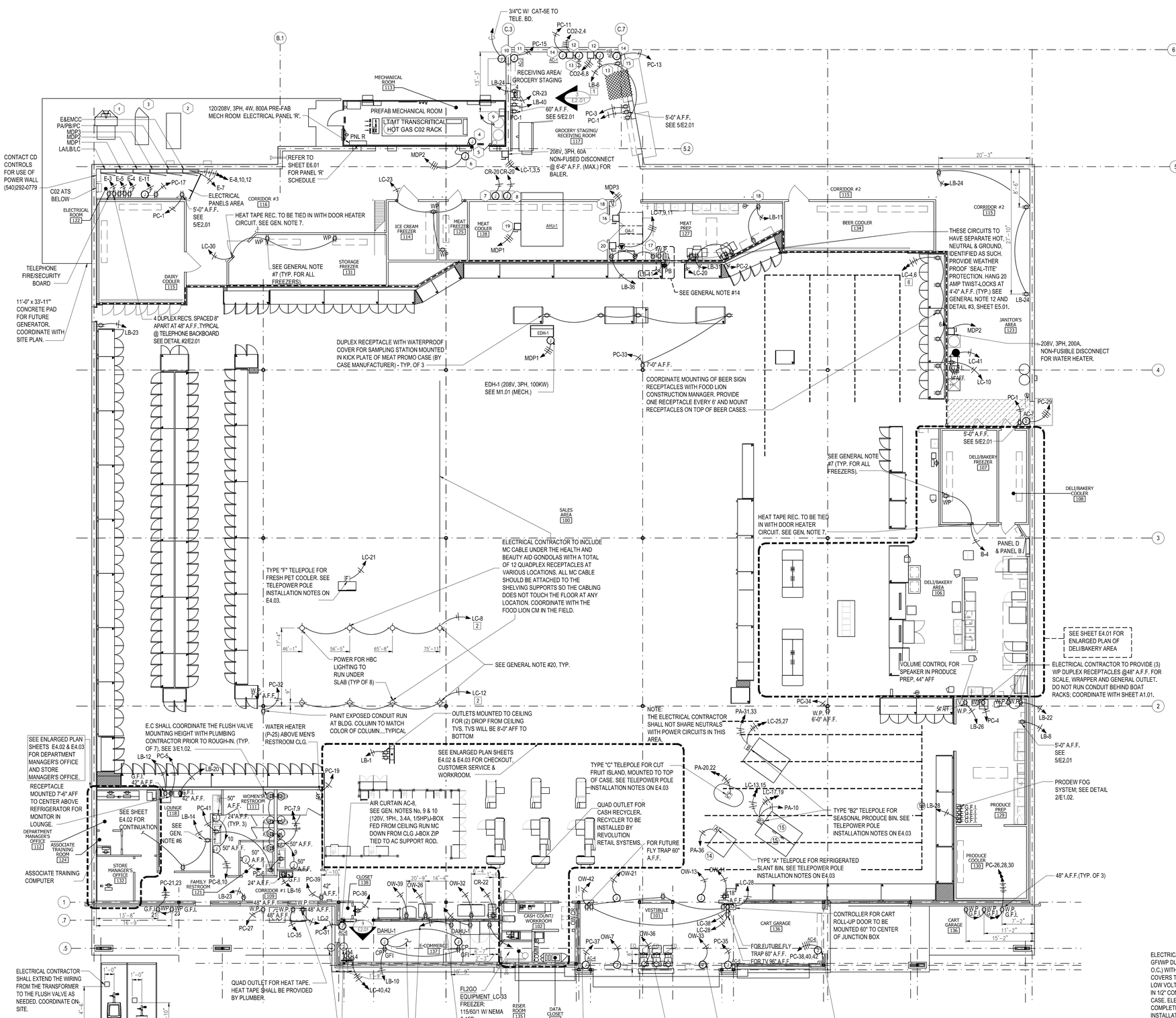
PROJECT NO: 2026.0771
DATE: 11/13/26

E1.01a
ELECTRICAL LIGHT FIXTURE LOCATION PLAN

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ELECTRICAL POWER PLAN GENERAL NOTES

1. ALL RECEPTACLES IN PREP AREAS SHALL BE G.F.I. AND HAVE "IN-USE" WATERPROOF RECEPTACLE COVERS.
2. THE ELECTRICAL CONTRACTOR WILL NOT WIRE THE DOOR OPENER AND AIR CURTAIN ON THE SAME CIRCUIT.
3. DIMENSIONS FOR CONDUIT STUB-UPS IN SALES AREA ARE TO BE HELD WITHIN 1".
4. ANY EXPOSED CONDUIT IN PREP AREAS SHALL BE SECURELY FASTENED IN PLACE AS PER CODE.
5. TELEPOWER POLES TO BE FURNISHED & INSTALLED BY ELECTRICAL CONTRACTOR. FINAL LOCATION TO BE COORDINATED WITH THE FOOD LION CONSTRUCTION MANAGER DURING TIME OR STORE SET. NOTE: TELEPOWER POLES TO BE CLEAR ANODIZED ALUMINUM, PROVIDE SUPPORTS AT BAR JOIST AND AT FIXTURE.
6. ALL DUPLEX RECEPTACLES SHALL BE MOUNTED 16" A.F.F. UNLESS NOTED OTHERWISE.
7. THE CONDENSATION DRAIN HEAT TAPE RECEPTACLES FOR THE ICE CREAM FREEZER, STORAGE FREEZER, MEAT FREEZER AND DELI/BAKERY FREEZER SHALL BE INSTALLED TO CEILING NEAR THE DRAIN END OF EVAPORATOR AFTER THE EVAPORATOR HAS BEEN INSTALLED.
8. THE ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL A TWIST LOCK RUBBER CORDSET WITH A FEMALE END FROM THE DISCONNECT. THE DISCONNECT SHALL BE "HUBBELL" MODEL #HBLD56 OR EQUAL.
9. THE MECHANICAL CONTRACTOR SHALL SUPPLY THE FLY FANS, FLY FAN MOUNTING BRACKETS AND MICRO-SWITCHES.
10. THE ELECTRICAL CONTRACTOR SHALL INSTALL AND WIRE THE MICRO-SWITCH FOR FLY FAN CONTROL AND FINAL ELECTRICAL CONNECTIONS. ALL CONDUCTORS TO BE CONCEALED IN CONDUITS AND PAINTED TO MATCH. ALL CONDUITS FOR DISCONNECTS TO BE HIDDEN IN WALL. COORDINATE ALL ELECTRICAL WORK WITH MECHANICAL CONTRACTOR.
11. INSTALL A "KELLEMS" CABLE GRIP TO THE TWIST LOCK CORDSET. THE MALE END, ON THE MIXER/GRINDER, SHOULD BE A "NEMA-L21-30P" HUBBELL #HBL2811SW. THE FEMALE END, FROM THE DISC., SHALL BE "NEMA-L21-30R" HUBBELL #HBL2813SW. CORDSETS TO BE GRAY WITH BLACK SEAL SEAL-TITLE PROTECTORS.
12. TWIST-LOCK RUBBER CORDSETS ARE TO BE SUSPENDED FROM A BELL BOX OVER WEIGH/WRAP STATIONS. SEE FOOD LION CONSTRUCTION MANAGER FOR LOCATION. THE ELECTRICAL CONTRACTOR SHALL INSTALL A "KELLEMS" CABLE GRIP TO THE TWIST LOCK CORDSET. THE ELECTRICAL CONTRACTOR SHALL FURNISH BOTH MALE PLUG AND FEMALE RECEPTACLE (REPLACING THE MALE END FURNISHED WITH THE WEIGH/WRAP STATION). THE MALE END, ON THE WEIGH/WRAP STATION, SHOULD BE A "NEMA 5-20P" HUBBELL #HBL14W47HBK WITH A SEAL-TITLE COVER. THE FEMALE END SHALL BE A "NEMA 5-20R" HUBBELL #HBL15W47HBK WITH A SEAL-TITLE COVER. CORDSETS TO BE GRAY WITH BLACK SEAL-TITLE PROTECTORS.
13. THE PHONE COMPANY IS RESPONSIBLE FOR PHONE LINE TO FOOD LION'S TELEPHONE BACKBOARD.
14. MEAT PREP BELL: MAKE POWER CONNECTION TO PUSH BUTTON BESIDE MEAT PREP DOOR ABOVE ACCENT RAIL. PUSH BUTTON PLATE TO BE EDWARDS #147-1, STAINLESS STEEL WITH AN EDWARDS #690 PUSH BUTTON. PROVIDE 24V BELL, SEE SECTION 262726 OF SPECIFICATIONS. MOUNT 24V BELL @ 9'0" AFF INSIDE MEAT PREP.
15. PRODEW MISTING SYSTEM:
    - PRODEW WILL PROVIDE AND INSTALL ALL EQUIPMENT, CONNECTIONS AND PIPE FITTINGS, INCLUDING THE 48"X48" MOUNTING BOARD.
      - PRODEW TO PULL CABLE & 1/2" PEX WATER LINE.
      - GC TO PROVIDE FOUR (4) GFI/WP DUPLEX RECEPTACLES & CONDUIT.
      - SOLENOID/MANIFOLD BOX WILL HAVE DRAIN TO NEAREST HUB BY PRODEW.
16. GARDEN COOLER:
    B - EXIT LIGHT (12" BELOW CEILING)
    V - VOLUME CONTROL (44" AFF)
    G - CONVENIENCE OUTLET (18" AFF)
    H - WIFI ANTENNA (12" BELOW CEILING)
17. GENERAL CONTRACTOR SHALL PAINT ALL EXPOSED BOXES AND CONDUIT IN THE MEAT PREP AND PRODUCE PREP WHITE.
18. GENERAL CONTRACTOR SHALL NOT INSTALL ANY JUNCTION BOXES/RECEPTACLES OR FIRE PULL STATIONS MOUNTED IN CONFLICT WITH THE ACCENT RAIL (SEE ARCH. DWGS)
19. GROUND-FAULT CIRCUIT-INTERRUPTER (GFCI) PROTECTION REQUIREMENTS: PROVIDE GFCI PROTECTION IN STRICT ACCORDANCE WITH NEC SECTIONS 210.8(B), 210.8(D), AND 422.5. GFCI PROTECTION SHALL BE OF THE TYPE REQUIRED BY THE NEC FOR THE APPLICABLE RECEPTACLE, BRANCH CIRCUIT, OUTLET, OR APPLIANCE AS DICTATED BY THE GOVERNING CODE EDITION. CLASS A PERSONNEL PROTECTION (4MA-6MA TRIP THRESHOLD) SHALL BE PROVIDED AS MANDATED BY THE APPLICABLE NEC. WHERE CLASS A GFCI PERSONNEL PROTECTION IS REQUIRED, GROUND-FAULT PROTECTION OF EQUIPMENT (GFEP) OR OTHER EQUIPMENT-LEVEL PROTECTION SHALL NOT BE USED AS A SUBSTITUTE. THE CONTRACTOR SHALL CONFIRM ALL INSTALLATION REQUIREMENTS WITH THE MANUFACTURER'S SPECIFICATIONS, PRODUCT LISTINGS, AND LOCAL AMENDMENTS, AND COORDINATE FINAL INSTALLATION WITH THE AUTHORITY HAVING JURISDICTION (AHJ). IF GROUND FAULT TYPE RECEPTACLES ARE NOT AVAILABLE OR NOT READILY ACCESSIBLE, GROUND-FAULT PROTECTION SHALL BE PROVIDED AT THE CIRCUIT BREAKER. GFCI BREAKERS REQUIRE A DEDICATED NEUTRAL CONDUCTOR (NOT SHARED) TO OPERATE PROPERLY.
20. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL 150' OF MC CABLE ATTACHED TO THE UNDERSIDE OF THE HEALTH AND BEAUTY AIDS SHELVING WITH 12 QUADPLEX RECEPTACLES AT VARIOUS LOCATIONS. LOCATION OF CABLING AND RECEPTACLES SHALL BE AS DIRECTED BY THE FOOD LION CONSTRUCTION MANAGER.
21. THE EXTERIOR OUTLET AND WATERPROOF COVERS ON THE FRONT SIDEWALK SHALL BE MOUNTED HORIZONTALLY.

EQUIPMENT SCHEDULE

NO.	DESCRIPTION
	*** ELECTRIC CASES ***
14	REFRIGERATED SLANT BIN CASE
15	REFRIGERATED HIGH BACK SLANT BIN CASE
	*** ELECTRIC PREP EQUIPMENT ***
99	PRODEW FOG SYSTEM

EMS LOAD REFER TO SHEET E6.03 FOR EMS LOAD SCHEDULE (#)

ELECTRICAL POWER PLAN KEY NOTES

#	
1	CONCRETE PAD FOR LIGHTSERVE-EPS. COORDINATE LOCATION WITH SITE PLAN. LIGHTSERVE-EPS "QUICK CONNECT" PORTABLE GENERATOR SWITCH SHALL BE PROVIDED AND INSTALLED BY LIGHTSERVE-EPS COMPANY. GENERAL CONTRACTOR SHALL CONTACT LIGHTSERVE-EPS AT (919) 740-8319 PRIOR TO CONSTRUCTION IN ORDER TO COORDINATE INSTALLATION. REFER TO SHEETS E5.02 & E7.01 FOR CONDUITS SIZE AND CONDUCTORS.
2	PAD MOUNTED GENERAC GENERATOR. GENERATOR FURNISHED BY FOOD LION, INSTALLED BY THE ELECTRICAL CONTRACTOR. PAD BY GENERAL CONTRACTOR. COORDINATE WITH SITE PLAN FOR EXACT LOCATION.
3	PAD MOUNTED TRANSFORMER WITH ELECTRIC METER. COORDINATE WITH SITE PLAN AND UTILITY COMPANY FOR EXACT LOCATION, REQUIREMENTS AND CONDUITS SIZE. REFER TO SHEETS E5.02 & E7.01 FOR SECONDARY CONDUITS SIZE AND CONDUCTORS.
4	ELECTRICAL CONTRACTOR SHALL RUN 3/4" CONDUIT FROM JUNCTION BOX DOWN WALL AND STUB THRU WALL PANEL AT 48" A.F.F. (APPROX). 4"x4" JUNCTION BOX SUPPLIED WITH MECHANICAL ROOM, MOUNTED ABOVE DOOR.
5	OCCUPATION OVERRIDE AND BREAK GLASS STATION PROVIDED BY THE MECHANICAL ROOM MANUFACTURER AND MOUNTED AND WIRED BY THE ELECTRICAL CONTRACTOR.
6	ELECTRICAL SERVICE ENTRANCE CHASE AT 5'-4" A.F.F.
7	4x4 JUNCTION BOX, MOUNTED 12'-0" A.F.F. FOR MDF POWER
8	4x4 JUNCTION BOX, MOUNTED 12'-0" A.F.F. FOR IDF POWER
9	RECLAIM WATER HEATERS TO BE ON PANEL "R".
10	4" SQUARE J.B. @48" AFF FOR INTERCOM (FLUSH MOUNT INTO MASONRY).
11	AIR CURTAIN AC-3, SEE GEN. NOTES No. 9 & 10 (120V, 1PH,. 7.5A, 3/4 HP) J-box FED FROM CEILING RUN MC DOWN FROM CLG J-BOX ZIP TIED TO AC SUPPORT ROD.
12	208V, 1PH, 30A, NEMA 1 FUSIBLE DISCONNECT FUSED AT 30A FOR HYDRAULIC PIT LEVELER. RUN POWER UNDERSLAB.
13	PROVIDE WALL SWITCH FOR LEVELER OPERATION AND ALL ASSOCIATED CONTROL WIRING AND CONDUIT AS NEEDED PER MANUFACTURER'S DATA SHEET. RUN POWER, UNDERSLAB, TO PIT LEVELER.
14	AIR CURTAIN AC-1 & AC-2, SEE GEN. NOTES No. 9 & 10 (120V, 1PH,. 13A, 2 @ 1/2 HP) J-BOX FED FROM CEILING RUN MC DOWN FROM CEILING J-BOX ZIP TIED TO AC SUPPORT ROD.
15	RECEPTACLE FOR DOCK LIGHT 72" A.F.F. ("N1" FIXTURE) TYPICAL OF 2.
16	UNIT MOUNTED 208V, 3PH FUSIBLE DISCONNECT FOR FOR 2 HP, OA-1 .....SEE MECH. DWGS.
17	RECEPTACLES AT PREP TABLES TO BE WP/GFI & MOUNTED @ 45" AFF (TYP.)
18	VOLUME CONTROL FOR SPEAKER & RECEPTACLE @44" AFF.
19	UNIT MOUNTED 208V, 3PH FUSIBLE DISC. FOR 15 HP, AHU-1 ABOVE COOLER. SEE MECH. DWGS.
20	208V, 3PH, 60A, NON-FUSIBLE WP DISCONNECT AT 5'-6" A.F.F. FOR MIXER/GRINDER. SEE NOTES B & 11. HANG TWIST LOCK 48" A.F.F.

PRODEW FOG SYSTEM ON 4'x4' WHITE POLYBOARD. FURNISHED & INSTALLED BY PRODEW AT 80" AFF. TO THE CENTER OF THE BOARD

1/2" NPT WATER CONNECTION

ELECTRICAL CONTRACTOR TO PROVIDE (4) GFI/WP DUPLEX RECEPTACLES (STACKED AT 12" O.C.) WITH EXTRA-LARGE IN-USE COVERS. COVERS TO BE INTERMATIC #WP3100C. RUN LOW VOLTAGE 16GA/4 WIRE INSULATED CABLE IN 1/2" CONDUIT ABOVE CEILING TO WET DECK CASE. ELECTRICAL AND PLUMBING TO BE COMPLETED PRIOR TO WET DECK CASE INSTALLATION.

12"
12"
68" A.F.F.

WP COVER BY PRODEW. COVER TO BE INTERMATIC #WP3100C

SAFE MIST CONTROLLER

03 FLUSH VALVE TRANSFORMER DETAIL
SCALE: 3/32" = 1'-0"

01 ELECTRICAL POWER PLAN
SCALE: 3/32" = 1'-0"

NORTH

02 FOG SYSTEM DETAIL
SCALE: NTS

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REVISIONS

PHASE III–
FOOD LION
INTERIOR BUILD
OUT

TIMBER
DEVELOPMENT
CORPORATION

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BALL GROUND, GA 30107

PROJECT NO: 2026.0771
DATE: 11/13/26

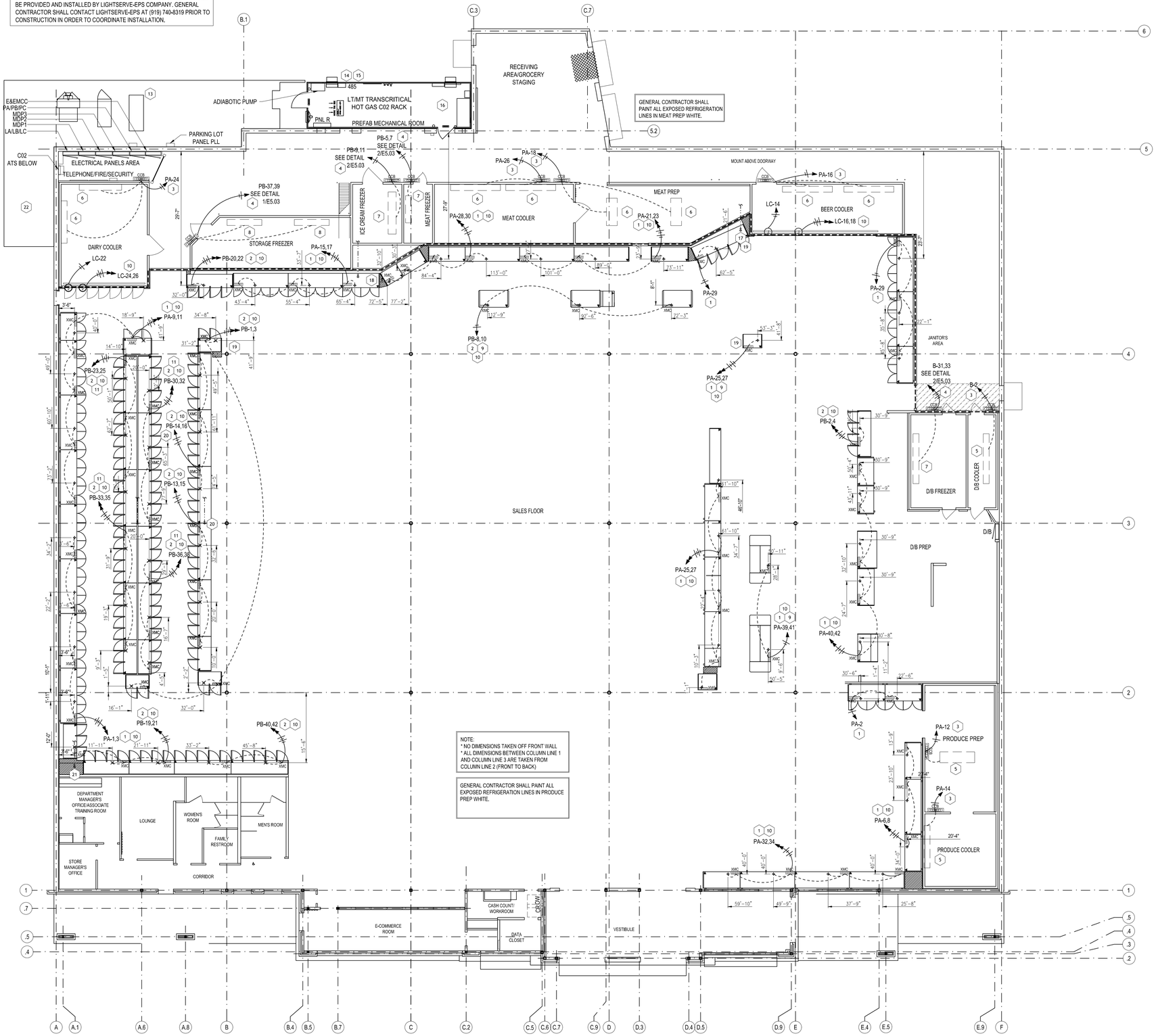
E1.02
ELECTRICAL POWER PLAN

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CONCRETE PAD FOR LIGHTSERVE-EPS. COORDINATE LOCATION WITH SITE PLAN.
LIGHTSERVE-EPS "QUICK CONNECT" PORTABLE GENERATOR SWITCH SHALL BE PROVIDED AND INSTALLED BY LIGHTSERVE-EPS COMPANY. GENERAL CONTRACTOR SHALL CONTACT LIGHTSERVE-EPS AT (919) 740-8319 PRIOR TO CONSTRUCTION IN ORDER TO COORDINATE INSTALLATION.



01 REFRIGERATION WIRING PLAN
SCALE: 3/32" = 1'-0"

NORTH

REFRIGERATION WIRING PLAN

SYMBOL	DESCRIPTION
	ELECTRICAL STUB-UP
	DROP FROM CEILING
XX	EMS LOAD
XXX–XXX	EVAPORATOR COIL
	MAGNETIC SWITCH
XX	REFRIGERATION CIRCUIT NUMBER
	REFRIGERATION CIRCUIT BREAK
XMC	XM CONTROLLER
CCB	COIL CONTROL BOX

REFRIGERATION WIRING PLAN GENERAL NOTES

1. RUN A SEPARATE 3/4" CONDUIT FROM EACH REFRIGERATION CONTROLLER TO ITS RESPECTIVE CONDENSER, CONTAINING (1) 4-WIRE SHIELDED CABLE (CAT 5) FOR COMMUNICATION. ONLY SHIELDED CABLES SHALL BE RUN IN THIS CONDUIT. FOR RACK TO COND. ONLY.
2. ALL WIRE SHALL BE STRANDED FOR CONTROLS AND SOLID FOR BRANCH CIRCUITS.
3. ALL CONDUIT FOR REFRIGERATED CASES SHALL BE OVERHEAD EXCEPT ISLAND & SHORT CASES. HOLD SALES AREA STUB-UPS TO WITHIN 1" OF DIMENSION.
4. DIMENSIONS PULLED FROM INSIDE FACE OF MASONRY WALL UNLESS OTHERWISE INDICATED ON FLOOR PLANS.
5. COIL CONTROL BOX LOCATION FOR ALL WALK-INS TO BE DETERMINED BY ENERGY OR FOODLION REPRESENTATIVE.
6. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL AN NEC COMPLIANT MEANS OF DISCONNECT ON CIRCUITS PROVIDING POWER TO ALL EVAPORATORS IN FREEZERS, COOLERS, AND FOOD PREP AREAS IF NOT SUPPLIED WITH EQUIPMENT.
7. ALL NEW WIRING, CONDUIT, AND ELECTRICAL CONNECTIONS FOR REFRIGERATION CASES SHALL BE RUN OVERHEAD, EXCEPT FOR ISLAND CASES AND SHORT CASES IN DELI LINE-UPS. EXISTING WIRING SHALL NOT BE REUSED. ENSURE SALES AREA STUB-UPS ARE PLACED WITHIN 1 INCH OF THE SPECIFIED DIMENSIONS.
8. CASE CIRCUITS ARE NOT ALLOWED TO SHARE NEUTRALS.
9. MOUNT RECEPTACLE FLUSH TO BASE OF REFRIGERATED CASE. COORDINATE REQUIREMENTS AND CONDUIT ROUTING WITH CASE INSTALLATION.
10. CASE LIGHTING AND UP-LIGHTING CIRCUITS TO BE CONTROLLED BY ENERGY MANAGEMENT SYSTEM (LOADS #6, #7 AND #14, SEE E6.03). PROVIDE CONTRACTORS IN ENCLOSURE IF REQUIRED. FIELD VERIFY EXISTING.
11. ELECTRICAL CONTRACTOR TO VERIFY DEDICATED CIRCUIT ON TOP OF BACK-TO-BACK CASE LINE-UP FOR PLENUM FANS AND PROPERLY LABEL IN PANEL SCHEDULE. IF NO DEDICATED CIRCUIT IS PRESENT, ELECTRICAL CONTRACTOR TO PULL NEW 20A DEDICATED CIRCUIT TO CASE LINE-UP FOR FAN POWER. INSTALLED BY REFRIGERATION CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR.
12. CORRECT CASE REFRIGERATION LABELS IN PANEL SCHEDULES. RE-CIRCUIT CASES TO REFLECT CHANGES FROM REFRIGERATION CIRCUIT, ALL CASES ON SAME REFRIGERATION CIRCUIT SHALL BE FED FROM SAME ELECTRICAL CIRCUITS (DO NOT MIX REF. CIRCUIT CASES ACROSS ELECTRICAL CIRCUITS), MODIFY PANELS SCHEDULE TO REFLECT REFRIGERATION WORK.
13. RUN A SEPARATE 3/4" CONDUIT FROM EACH REFRIGERATION CONTROLLER TO ITS RESPECTIVE CONDENSER, CONTAINING (1) 4-WIRE SHIELDED CABLE (CAT 5) FOR COMMUNICATION. ONLY SHIELDED CABLES SHALL BE RUN IN THIS CONDUIT.

CCB / XMC POWER KEY NOTES

#	
	THE FOLLOWING OUTLINES THE DETAILED WIRING REQUIREMENTS FOR THE INSTALLATION OF THE RACK CONTROL CABINET, ADIABATIC PUMP CABINET, GAS COOLER, 485 COM BOX, COIL CONTROL BOX, AND EVAPORATOR COILS. ENSURE ALL WIRING IS INSTALLED IN CONDUIT AND FOLLOWS THE SPECIFICATIONS BELOW. MAIN POWER WIRING IS NOT INCLUDED IN THIS SCOPE.
1	CIRCUIT POWER WIRING FOR MEDIUM TEMP CASES: 1-120VOLT CIRCUIT (HOT, NEUTRAL AND GROUND) FROM BREAKER PANEL TO REFRIGERATION CIRCUIT FOR FANS AND ANTI-SWEATS 1-120VOLT CIRCUIT (HOT, NEUTRAL AND GROUND) FROM BREAKER PANEL TO REFRIGERATION CIRCUIT FOR LIGHTS (THIS WILL BE BROKEN THROUGH LOAD 6 CASE LIGHT LOAD)
2	CIRCUIT POWER WIRING FOR LOW TEMP CASES: 1-120VOLT CIRCUIT (HOT, NEUTRAL AND GROUND) FROM BREAKER PANEL TO REFRIGERATION CIRCUIT FOR FANS AND ANTI-SWEATS 1-120VOLT CIRCUIT (HOT, NEUTRAL AND GROUND) FROM BREAKER PANEL TO REFRIGERATION CIRCUIT FOR LIGHTS (THIS WILL BE BROKEN THROUGH LOAD 6 CASE LIGHT LOAD)
3	CIRCUIT POWER WIRING FROM BREAKER PANEL TO (MED TEMP WALK-IN COIL CONTROL BOX) 1-120VOLT CIRCUIT (HOT, NEUTRAL AND GROUND) RAN FROM BREAKER TO COIL CONTROL BOX SIZED FOR EVAPORATOR LOAD IN CONDUIT.
4	CIRCUIT POWER WIRING FROM BREAKER PANEL TO (LOW TEMP WALK-IN COIL CONTROL BOX) 1-208VOLT CIRCUIT(2HOTS, 1 NEUTRAL AND GROUND) RAN FROM BREAKER TO COIL CONTROL BOX SIZED FOR EVAPORATOR LOAD IN CONDUIT.
5	CIRCUIT POWER FROM COIL CONTROL BOX TO EVAPORATOR COIL (MED TEMP WALK-IN SINGLE COIL) 1-120VOLT CIRCUIT FROM COIL CONTROL BOX TO EVAPORATOR ELECTRICAL SIDE IN CONDUIT (HOT, NEUTRAL AND GROUND FOR FANS) AND LABELED FANS 1-120VOLT CIRCUIT FROM COIL CONTROL BOX TO EVAPORATOR ELECTRICAL SIDE IN CONDUIT (HOT, NEUTRAL AND GROUND FOR PULSE VALVES) AND LABELED VALVE
6	CIRCUIT POWER FROM COIL CONTROL BOX TO EVAPORATOR COIL (MED TEMP WALK-IN TWO COIL) 1-120VOLT CIRCUIT FROM COIL CONTROL BOX TO EACH EVAPORATOR ELECTRICAL SIDE IN CONDUIT (HOT, NEUTRAL AND GROUND FOR FANS) AND LABELED FANS 1-120VOLT CIRCUIT FROM COIL CONTROL BOX TO EACH EVAPORATOR ELECTRICAL SIDE IN CONDUIT (HOT, NEUTRAL AND GROUND FOR PULSE VALVES) AND LABELED VALVE
7	CIRCUIT POWER FROM COIL CONTROL BOX TO EVAPORATOR COIL (LOW TEMP WALK-IN SINGLE COIL) 1-208VOLT CIRCUIT FROM COIL CONTROL BOX TO EVAPORATOR ELECTRICAL SIDE IN CONDUIT (2HOTS, NEUTRAL AND GROUND FOR FANS) AND LABELED FANS 1-120VOLT CIRCUIT FROM COIL CONTROL BOX TO EVAPORATOR ELECTRICAL SIDE IN CONDUIT (HOT, NEUTRAL AND GROUND FOR PULSE VALVES) AND LABELED VALVE
8	CIRCUIT POWER FROM COIL CONTROL BOX TO EVAPORATOR COIL (LOW TEMP WALK-IN TWO COIL) 1-208VOLT CIRCUIT FROM COIL CONTROL BOX TO EACH EVAPORATOR ELECTRICAL SIDE IN CONDUIT (2HOT, NEUTRAL AND GROUND FOR FANS) AND LABELED FANS 1-120VOLT CIRCUIT FROM COIL CONTROL BOX TO EACH EVAPORATOR ELECTRICAL SIDE IN CONDUIT (HOT, NEUTRAL AND GROUND FOR PULSE VALVES) AND LABELED VALVE
9	MOUNT RECEPTACLE FLUSH TO BASE OF REFRIGERATED CASE. COORDINATE REQUIREMENTS AND CONDUIT ROUTING WITH CASE INSTALLATION.
10	CASE LIGHTING AND UPLIGHTING CIRCUITS TO BE CONTROLLED BY ENERGY MANAGEMENT SYSTEM (LOADS #6, #7 AND #14, SEE E6.03). PROVIDE CONTACTORS IN ENCLOSURE IF REQUIRED. FIELD VERIFY EXISTING.
11	ELECTRICAL CONTRACTOR TO VERIFY DEDICATED CIRCUIT ON TOP OF BACK-TO-BACK CASE LINE-UP FOR PLENUM FANS AND PROPERLY LABEL IN PANEL SCHEDULE. IF NO DEDICATED CIRCUIT IS PRESENT, ELECTRICAL CONTRACTOR TO PULL NEW 20A DEDICATED CIRCUIT TO CASE LINE-UP FOR FAN POWER. INSTALLED BY REFRIGERATION CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR.
12	NOT USED.
13	PAD MOUNTED GENERAC GENERATOR. GENERATOR FURNISHED BY FOOD LION, INSTALLED BY THE ELECTRICAL CONTRACTOR. PAD BY GENERAL CONTRACTOR. COORDINATE WITH SITE PLAN FOR EXACT LOCATION.
14	"485" COMMUNICATIONS HOFFMAN BOX FOR CASE COMMUNICATIONS.
15	PROVIDE 48" LONG TROUGH ABOVE THE 3'x3' "485" COMM. BOX WITH (2) 3" NIPPLE CONNECTIONS THROUGH TO COMM. BOX. SEE DETAIL 2/E1.03A BY ELECTRICAL CONTRACTOR.
16	PREFABRICATED MECHANICAL ROOM, E/C SHALL PROVIDE CONDUCTORS AND FINAL CONNECTION FOR PANEL "R". ELECTRICAL PANEL "R" PROVIDE BY OTHERS. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR.
17	PUNCH ELECTRICAL CIRCUIT M10 THROUGH THE WALL AND RUN ON TOP OF CASES TO DESIGNATED POINT ON CASE.
18	PUNCH ELECTRICAL CIRCUIT THROUGH THE WALL AND RUN ON TOP OF CASES TO DESIGNATED POINT ON CASE.
19	CONNECT TO CASE ON OPPOSITE END OF ROW.
20	ELECTRICAL CIRCUITS WILL DROP DOWN IN HARD CONDUIT IN LINE WITH COLUMN LINE, RUN ELECTRICAL ACROSS TOP OF CASES TO DESIGNATED POINT ON EACH CASE.
21	ELECTRICAL CIRCUITS WILL DROP DOWN IN HARD CONDUIT IN THE CORNER. RUN ELECTRICAL ACROSS TOP OF CASES TO DESIGNATED POINT ON EACH CASE.
22	10'x22' CONCRETE PAD FOR FUTURE GENERATOR. COORDINATE WITH SITE PLAN.

NOTE:
ALL DEVICES REQUIRED TO BE ADA ACCESSIBLE SHALL BE PER ANSI A117.1

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INTERIOR BUILD OUT

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BALL GROUND, GA 30107

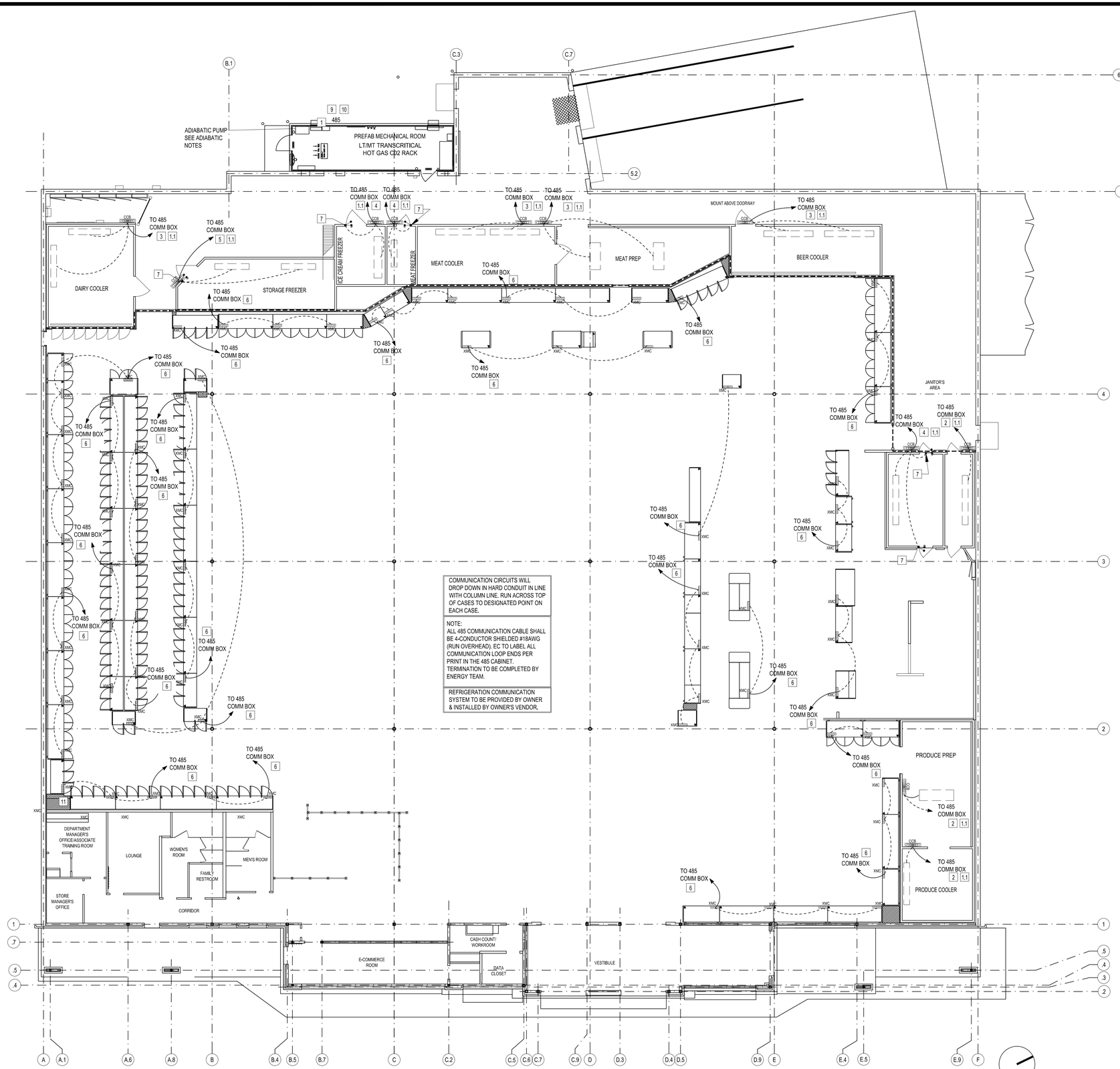
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DATE: 11/13/26

E1.03
REFRIGERATION WIRING PLAN

CHECKED: SN DRAWN: NA

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01 ELECTRICAL REFRIG. COMMUNICATIONS PLAN

SCALE: 3/32" = 1'-0"

NORTH

REFRIGERATION WIRING PLAN

SYMBOL	DESCRIPTION
	ELECTRICAL STUB-UP
	DROP FROM CEILING
XX	EMS LOAD
XXX–XXX	EVAPORATOR COIL
	MAGNETIC SWITCH
XX	REFRIGERATION CIRCUIT NUMBER
	REFRIGERATION CIRCUIT BREAK
XMC	XM CONTROLLER
CCB	COIL CONTROL BOX

ADIABATIC NOTES:

A1. GAS COOLER TO RACK (IN SHARED CONDUIT)
- A1.1. INSTALL ONE (1) #18 AWG 4-CONDUCTOR SHIELDED CABLE FROM THE GAS COOLER TO THE RACK CONTROL CABINET DEDICATED FOR THE 1PKG.
- A1.2. INSTALL ONE (1) #18 AWG 4-CONDUCTOR SHIELDED CABLE FROM THE GAS COOLER TO THE RACK CONTROL CABINET FOR THE BOARD COMMUNICATIONS.

A2. GAS COOLER TO ADIABATIC PUMP CABINET
- A2.1 INSTALL FOUR (4) #14 AWG STRANDED WIRES (DIFFERENT COLORS) FROM THE GAS COOLER TO THE PUMPCABINET FOR THE INTERLOCK (SEPARATE CONDUIT)

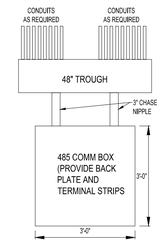
A3. RACK TO ADIABATIC PUMP CABINET
- A3.1. INSTALL ONE (1) #18 AWG 4-CONDUCTOR SHIELDED CABLE FROM THE RACK CONTROL CABINET TO PUMP CABINET. (SEPARATE CONDUIT)
- A3.2. INSTALL TWO (2)#14 AWG STRANDED WIRES (DIFFERENT COLORS) FROM THE RACK CONTROL CABINET TO PUMP CABINET FOR INITIATION (SEPARATE CONDUIT)

ELECTRICAL REFRIG. COMMUNICATION PLAN GENERAL NOTES

1. ALL DEVICES REQUIRED TO BE ADA ACCESSIBLE SHALL BE PER ANSI A117.1
2. ALL ELECTRICAL WIRING WILL BE DONE IN STRICT ACCORDANCE WITH THE N.E.C. NO COLOR CHANGES IN WIRE RUNS OR MISLABELED CIRCUITS WILL BE ACCEPTED. ALL WIRING SHALL BE DONE ACCORDING TO FOOD LION SPECIFICATIONS. NO SLOPPY WORK WILL BE ALLOWED.
3. (1) 4-CONDUCTOR SHIELDED CABLE (#18 AWG) (TYPICAL).
4. GENERAL CONTRACTOR SHALL PAINT ALL EXPOSED REFRIGERATION LINES IN PRODUCE PREP WHITE.

CCB / XMC COMMUNICATION KEY NOTES

#	
	THE FOLLOWING OUTLINES THE DETAILED WIRING REQUIREMENTS FOR THE INSTALLATION OF THE RACK CONTROL CABINET, ADIABATIC PUMP CABINET, GAS COOLER, 485 COMM BOX, COIL CONTROL BOX, AND EVAPORATOR COILS. ENSURE ALL WIRING IS INSTALLED IN CONDUIT AND FOLLOWS THE SPECIFICATIONS BELOW. MAIN POWER WIRING IS NOT INCLUDED IN THIS SCOPE.
1	FROM CO2 RACK TO 485 COMM BOX IN CONDUIT PULL (7) #18 AWG 4-CONDUCTOR STRANDED SHIELDED CABLES. LABEL EACH CABLE AT BOTH ENDS (A,B,C,D,E,F,G) 1.1 FROM THE 485 COMM BOX TO EACH COIL COMMUNICATION BOX IN CONDUIT PULL (1) #18 AWG 4-CONDUCTOR STRANDED SHIELDED CABLE FOR COMMUNICATION.
2	WIRING FOR MEDIUM TEMP WALK-IN EVAPORATOR COIL (SINGLE COIL): CONTROL WIRING: (1) #22 AWG, 15-CONDUCTOR STRANDED SHIELDED CABLE (BELDEN 9947) FROM THE COIL CONTROL BOX TO THE TERMINAL STRIP OF THE EVAPORATOR COIL IN CONDUIT, SEPARATE FROM POWER. FANS CIRCUIT (120V): (1) 120V CIRCUIT FROM THE COIL CONTROL BOX TO THE EVAPORATOR'S ELECTRICAL SIDE (HOT, NEUTRAL, GROUND) IN CONDUIT. LABEL AS FANS. PULSE VALVE CIRCUIT (120V): (1) 120V CIRCUIT FROM THE COIL CONTROL BOX TO THE EVAPORATOR'S ELECTRICAL SIDE (HOT, NEUTRAL, GROUND) IN CONDUIT. LABEL AS PULSE VALVE.
3	WIRING FOR MEDIUM TEMP WALK-IN EVAPORATOR COIL (TWO COILS): CONTROL WIRING (1) #22 AWG, 15-CONDUCTOR STRANDED SHIELDED CABLE (BELDEN 9947) FROM THE COIL CONTROL BOX TO THE TERMINAL STRIP OF EACH EVAPORATOR COIL IN CONDUIT, SEPARATE FROM POWER. FANS CIRCUIT (120V): (1) 120V CIRCUIT FROM THE COIL CONTROL BOX TO EACH EVAPORATOR'S ELECTRICAL SIDE (HOT, NEUTRAL, GROUND) IN CONDUIT. LABEL AS FANS. PULSE VALVE CIRCUIT (120V): (1) 120V CIRCUIT FROM THE COIL CONTROL BOX TO EACH EVAPORATOR'S ELECTRICAL SIDE (HOT, NEUTRAL, GROUND) IN CONDUIT. LABEL AS VALVE.
4	WIRING FOR LOW TEMP WALK-IN EVAPORATOR COIL (SINGLE COIL): CONTROL WIRING (1) #22 AWG, 15-CONDUCTOR STRANDED SHIELDED CABLE (BELDEN 9947) FROM THE COIL CONTROL BOX TO THE TERMINAL STRIP OF THE EVAPORATOR COIL IN CONDUIT, SEPARATE FROM POWER. FANS CIRCUIT (208V): (1) 208V CIRCUIT FROM THE COIL CONTROL BOX TO THE EVAPORATOR'S ELECTRICAL SIDE (2 HOTS, NEUTRAL, GROUND) IN CONDUIT. LABEL AS FANS. PULSE VALVE CIRCUIT (120V): (1) 120V CIRCUIT FROM THE COIL CONTROL BOX TO THE EVAPORATOR'S ELECTRICAL SIDE (HOT, NEUTRAL, GROUND) IN CONDUIT. LABEL AS PULSE VALVE.
5	WIRING FOR LOW TEMP WALK-IN EVAPORATOR COIL (TWO COILS): CONTROL WIRING: (2) #22 AWG, 15-CONDUCTOR STRANDED SHIELDED CABLES (BELDEN 9947) FROM THE COIL CONTROL BOX TO THE TERMINAL STRIP OF EACH EVAPORATOR COIL IN CONDUIT, SEPARATE FROM POWER. FANS CIRCUIT (208V): (1) 208V CIRCUIT FROM THE COIL CONTROL BOX TO EACH EVAPORATOR'S ELECTRICAL SIDE (2 HOTS, NEUTRAL, GROUND) IN CONDUIT. LABEL AS FANS. PULSE VALVE CIRCUIT (120V): (1) 120V CIRCUIT FROM THE COIL CONTROL BOX TO EACH EVAPORATOR'S ELECTRICAL SIDE (HOT, NEUTRAL, GROUND) IN CONDUIT. LABEL AS PULSE VALVE. MAGNETIC DOOR SWITCH:
6	485 COM BOX TO REFRIGERATION CASES (IN CONDUIT): INSTALL ONE (1) #18 AWG, 4-CONDUCTOR STRANDED SHIELDED CABLE FROM THE 485 COM BOX TO THE FIRST CONTROL BOX OF EACH REFRIGERATION CIRCUIT IN CONDUIT FOR COMMUNICATION. CONTINUE THE #18 4-WIRE STRANDED SHIELDED CABLE BETWEEN CONTROL BOXES IN FLEXIBLE GREENFIELD CONDUIT TO COMPLETE THE COMMUNICATION LINK FOR EACH REFRIGERATION CIRCUIT.
7	MAGNETIC SWITCHES SHALL BE PROVIDED ON ALL FREEZER DOORS WITH EMCC/ECP. THE SWITCH SHALL BE MOUNTED TO THE OUTSIDE OF FREEZER ABOVE DOOR OPENING LATCH SIDE. MOUNT MAGNET TO DOOR. (1) #18 AWG, 4-CONDUCTOR STRANDED SHIELDED CABLE FROM THE COIL CONTROL BOX IN CONDUIT TO A SINGLE-GANG BOX MOUNTED ABOVE THE WALK-IN FREEZER DOOR FOR THE MAGNETIC DOOR SWITCH.
8	NOT USED.
9	"485" COMMUNICATIONS HOFFMAN BOX FOR CASE COMMUNICATIONS.
10	PROVIDE 48" LONG TROUGH ABOVE THE 3'x3 "485" COMM. BOX WITH (2) 3" NIPPLE CONNECTIONS THROUGH TO COMM. BOX. SEE DETAIL 2/E1.03A BY ELECTRICAL CONTRACTOR.
11	ELECTRICAL CIRCUITS WILL DROP DOWN IN HARD CONDUIT IN THE CORNER. RUN ELECTRICAL ACROSS TOP OF CASES TO DESIGNATED POINT ON EACH CASE.



02 485 COMM BOX DETAIL/ELEVATION

SCALE: NTS

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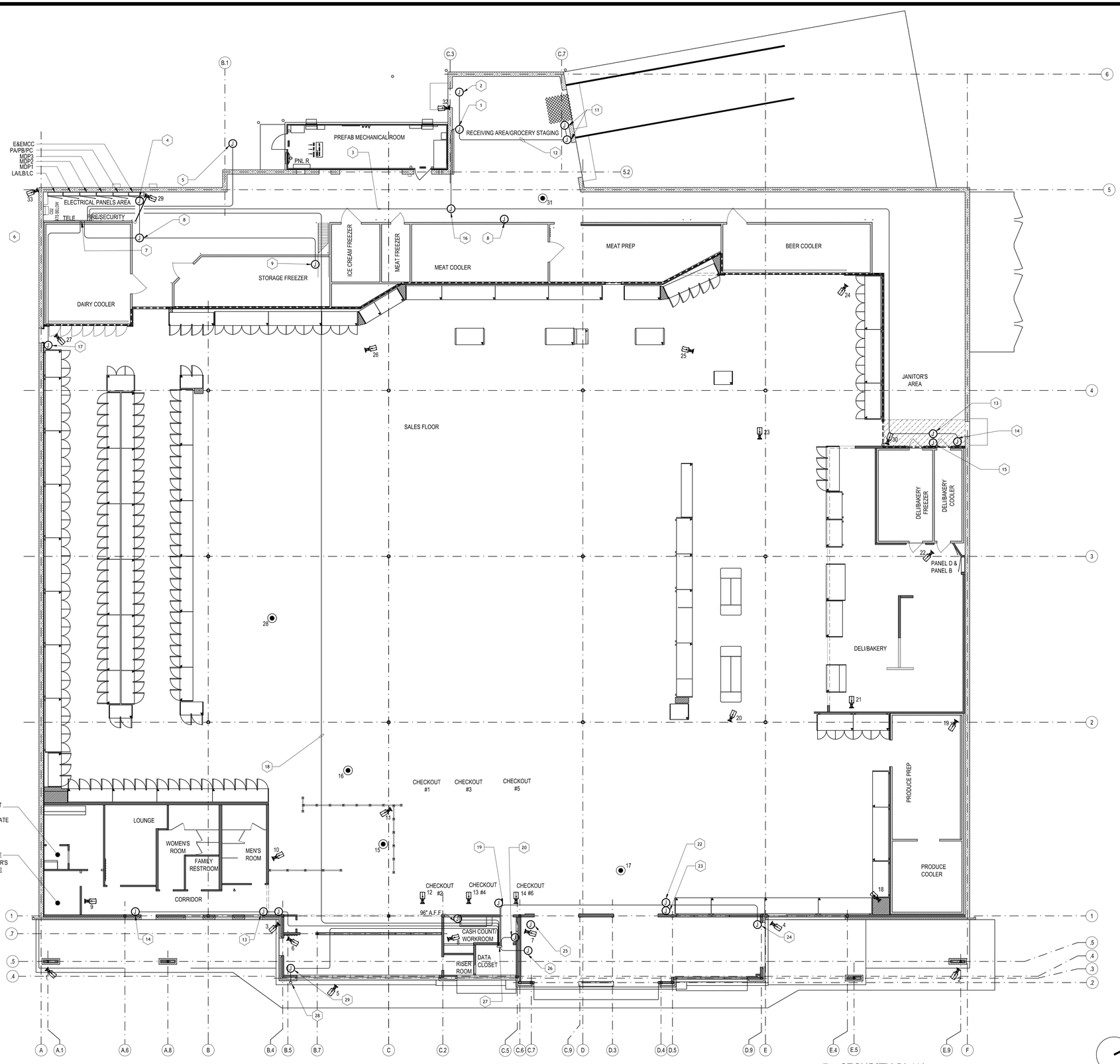
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ELECTRICAL REFRIG.COMMUNICATION PLAN

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01 SECURITY PLAN

SCALE: 3/32" = 1'-0"

NORTH

LEGEND

SYMBOL	DESCRIPTION
	SECURITY CAMERA
IPVM	PUBLIC VIEWING MONITOR
	SECURITY SYSTEM WIRING

SECURITY PLAN GENERAL NOTES

1. ALL JUNCTION BOXES IN/ON WALLS SHALL BE SINGLE GANG WITH SINGLE GANG PLASTER RING UNLESS NOTED OTHERWISE.
2. ALL CONDUIT SHALL BE 3/4" AND SHALL RUN OVERHEAD UNLESS NOTED OTHERWISE.
3. THE ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL CONDUIT WITH PULL STRINGS. ABSOLUTELY NO PULL BOXES!
4. PROVIDE DEVICE COVERS ON ALL BOXES TO COMPLETE INSTALLATION.
5. THE JUNCTION BOX AT THE DSD STATION SHALL BE MOUNTED AS NEAR THE RECEIVING COMPUTER AS POSSIBLE, 60" A.F.F, AND EASILY ACCESSIBLE WITH NO OBSTRUCTIONS. SEE DETAIL 3/E2.01
6. THE JUNCTION BOXES AT ALL OVERHEAD ROLL-UP DOORS SHALL BE 12" A.F.F. AND WITHIN 12" OF DOORWAY. SEE DETAIL 3/ES.01
7. THE JUNCTION BOXES AT ALL PERIMETER PERSONNEL DOORS SHALL BE AS DETAIL 5/ES.01.
8. CAMERAS AND MONITOR(S) TO BE PROVIDED AND INSTALLED BY OTHERS.
9. MAXIMUM MOUNTING HEIGHT FOR ALL CAMERAS TO BE 10'-0" A.F.F. UNLESS NOTED OTHERWISE.
10. PVM TO BE MOUNTED 9'-0" A.F.F. TO BOTTOM.
11. CAMERAS ARE SHOWN NOT TO SCALE.
12. ALL JUNCTION BOXES MOUNTED TO BAR JOISTS SHALL BE 4x4 UNLESS OTHERWISE NOTED.

SECURITY PLAN KEY NOTES

#	
1	SINGLE GANG JUNCTION BOX FOR SECURITY SYSTEM KEYPAD WITH SINGLE GANG PLASTER RING MOUNTED AT 60" A.F.F. (OVER DSD DESK). 1" CONDUIT TO THE SECURITY TROUGH IN THE ELECTRICAL AREA. SEE DETAIL #3/E2.01.
2	SEE DETAIL #5, SHEET E5.01 (NO DELAY LOCK THIS DOOR, ONLY STANDARD CRASH BAR)
3	1" CONDUIT TO FIRE/SECURITY JUNCTION BOX
4	4"x4" JUNCTION BOX MOUNTED TO BAR JOISTS.
5	SEE DETAIL #5, SHEET E5.01
6	11'-0" x 33'-11" CONCRETE PAD FOR FUTURE GENERATOR. COORDINATE WITH SITE PLAN.
7	6"x6"x36" SECURITY/FIRE TROUGH SEE DETAIL #2 ON SHEET E2.01.
8	SINGLE GANG JUNCTION BOX FLUSH MOUNTED AT 10'-0" A.F.F.
9	ROOF HATCH SINGLE GANG JUNCTION BOX TO BE WITHIN 12" OF LATCH.
10	SINGLE GANG JUNCTION BOX FLUSH MOUNT 10'-0" A.F.F.
11	SEE GENERAL NOTE 6.
12	3/4" CONDUIT
13	4"x4" JUNCTION BOX
14	SEE DETAIL #5 SHEET E5.01
15	SINGLE GANG JUNCTION BOX MOUNTED FLUSH WITH WALL 10'-0" A.F.F. CENTERED OVER DOOR ON CORRIDOR SIDE
16	10X10 JUNCTION BOX.
17	SEE DETAIL #5, SHEET E5.01
18	1-1/4" CONDUIT FROM SECURITY SYSTEM KEYPAD TO SECURITY/FIRE TROUGH (OVERHEAD) NO JUNCTION BOXES
19	(2) 4X4 JUNCTION BOX MOUNTED TO BAR JOIST, 1' APART, 1/2" TO 10X10 SECURITY BOX.
20	JUNCTION BOX FOR MOTION SENSOR. MOUNT TO CEILING.
21	4X4 JUNCTION BOX 8'-6" A.F.F. WITH SINGLEGANG IN BRICK WALL.
22	4X4 JUNCTION BOX MOUNTED TO BAR JOIST.
23	4X4 JUNCTION BOX 8'6" A.F.F. WITH SINGLEGANG MUD RING.
24	SEE GENERAL NOTE 6.
25	SINGLE GANG JUNCTION BOX FOR SECURITY SYSTEM KEYPAD WITH SINGLE GANG PLASTER RING MOUNTED 60" A.F.F., WITH 3/4" CONDUIT TO THE 10"x10" BOX ABOVE IN THE CASH COUNT/WORK ROOM.
26	SINGLE GANG BOX 8'-6" A.F.F. IN BRICK WALL FOR MOTION 1/2" TO 10X10 SECURITY BOX.
27	14"x14" JUNCTION BOX FOR SECURITY AND FIRE SYSTEM (FLUSH MOUNT WITH COVER), 7'-0" A.F.F. TO BOTTOM OF BOX. RUN 1 1/4" CONDUIT TO SECURITY TROUGH IN ELECTRICAL AREA. COORDINATE WITH SHEETS E1.05 AND E1.06 FOR ADDITIONAL INFORMATION.
28	SINGLE GANG JUNCTION BOX FOR SECURITY SIREN 8' A.F.F.
29	SEE DETAIL #8, SHEET E5.01

STORE CAMERAS
1) PARKING LOT #1
2) PARKING LOT #2
3) SIDEWALK #1
4) SIDEWALK #2
5) FLGGO PARKING
6) FLGGO LOCKERS
7) VESTIBULE
8) CASH COUNT/WORKROOM
9) CORRIDOR
10) SCO #1
11) SCO #2
12) REGISTERS #1 & #2
13) REGISTERS #3 & #4
14) REGISTERS #5 & #6
15) CSC
16) CSC OVERVIEW
17) ENTRY/EXIT
18) GARDEN COOLER
19) PRODUCE PREP
20) DELI SALES FLOOR
21) DELI PREP #1
22) DELI PREP #2
23) BEER/WINE #1
24) BEER/WINE #2
25) MARKET #1
26) MARKET #2
27) DAIRY
28) HBC/LAUNDRY
29) GROCERY STAGING #1
30) GROCERY STAGING #2
31) RECEIVING AREA/DSD
32) OUTSIDE DSD
33) GENERATOR

ANY QUESTIONS ON THE SECURITY/ BURGLAR CONDUIT CONTACT: JOHN THOMASON AT 704-310-4179 OR AARON ASHLEY AT 704-310-3128 LP EQUIPMENT INSTALLATION/SERVICE PROJECT LEAD

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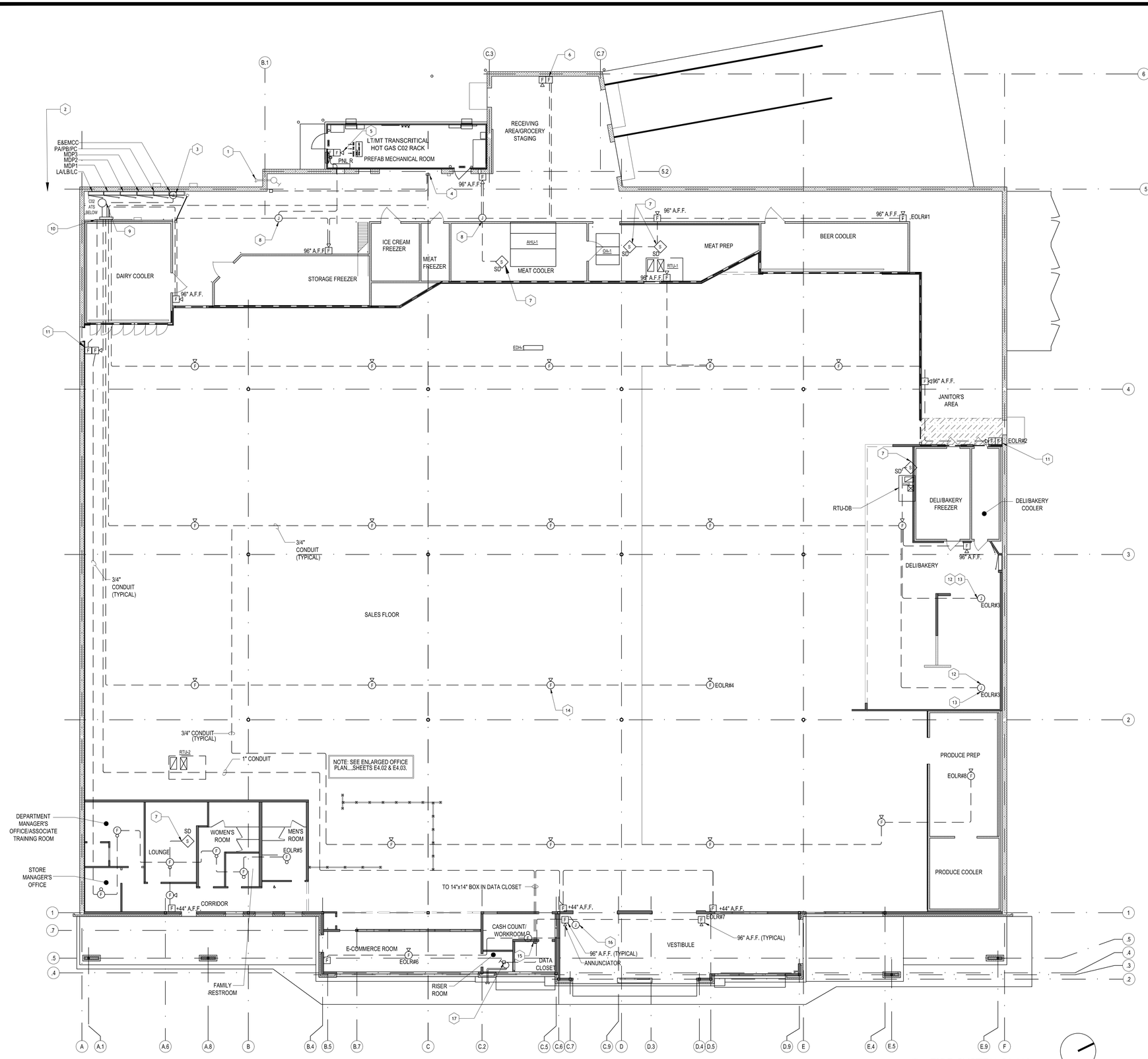
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E1.04
SECURITY PLAN

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01 FIRE SYSTEM PLAN

SCALE: 3/32" = 1'-0"

FIRE ALARM SYMBOL SCHEDULE

- ADA APPROVED FIRE ALARM HORN/STROBE (CEILING MOUNTED). 115 cd.
- ADA APPROVED FIRE ALARM HORN/STROBE (WALL MOUNTED).
- ADA APPROVED FIRE ALARM STROBE ONLY. CEILING FLUSH-MOUNT IN CENTER OF ROOM (TYPICAL).
- ADA APPROVED FIRE ALARM PULL STATION. MOUNT AT 43" A.F.F. TO CENTERLINE OF BOX

FIRE SYSTEM PLAN GENERAL NOTES

1. ALL CEILING MOUNTED JUNCTION BOXES SHALL BE 4"x4" UNLESS NOTED OTHERWISE.
2. ALL CONDUIT SHALL BE 3/4" AND SHALL RUN OVERHEAD UNLESS NOTED OTHERWISE.
3. THE ELECTRICAL CONTRACTOR SHALL SUPPLY & INSTALL ALL CONDUIT WITH PULLSTRINGS. ABSOLUTELY NO PULLBOXES!
4. PROVIDE DEVICE COVERS ON ALL BOXES TO COMPLETE INSTALLATION.
5. FIRE ALARM SYSTEMS INSTALLER SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR IF ADDITIONAL REQUIREMENTS FOR CONDUIT IS SPECIFIED BY LOCAL AUTHORITY HAVING JURISDICTION.
6. FIRE ALARM SHALL BE IN DEDICATED CONDUIT SYSTEM THROUGHOUT.
7. FIRE ALARM CONTROL PANEL TO BE FIRE-LITE MODEL ES-200X.
8. FIRE ALARM MANUAL PULL STATIONS TO BE MODEL FIRE-LITE ADDRESSABLE BG-12LX.
9. SMOKE DETECTOR TO BE MODEL FIRE-LITE INTELLIGENT AD35S.
10. FIRE ALARM ANNUNCIATOR MODEL TO BE FIRE-LITE.
11. ALL JUNCTION BOXES ON/IN WALLS SHALL BE SINGLE GANG UNLESS OTHERWISE NOTED.

ANY QUESTIONS ON THE SECURITY/ BURGLAR CONDUIT CONTACT: JOHN THOMASON AT 704-310-4179 OR JASON PETHEL AT 704-310-4248 LP EQUIPMENT INSTALLATION/SERVICE PROJECT LEAD

NOTE:
FIRE ALARM CONTRACTOR TO COORDINATE WITH ELECTRICAL AND MECHANICAL CONTRACTORS FOR ALL CONDUITS, SENSORS, ETC.

ENVIRONMENTAL CONTROL PANEL CONDUIT SYSTEM

◇S = SENSOR (TEMP./HUMIDITY) HANDY BOX MTD.

1. ENTIRE CONDUIT SYSTEM FOR ENVIRONMENTAL CONTROL PANEL SHALL BE SUPPLIED BY THE ELECTRICAL CONTRACTOR (WITH PULL STRINGS). ALL WIRING AND TERMINATIONS FOR THE ENVIRONMENTAL CONTROL PANEL SHALL BE COMPLETED BY THE MECHANICAL CONTRACTOR. ALL WIRING AND TERMINATIONS FOR THE ENERGY MANAGEMENT PANEL SHALL BE COMPLETED BY THE ELECTRICAL CONTRACTOR.
2. ALL CONDUIT FOR ENVIRONMENTAL CONTROL SYSTEM SHALL BE 3/4". DO NOT COMBINE SENSOR AND 120 VOLT CONTROL (VERIFIED BY MECHANICAL CONTRACTOR).
3. ALL MECHANICAL EQUIPMENT SHALL BE FLEXED TO A TERMINATING JUNCTION BOX WITHIN REASONABLE WORKING DISTANCE OF EQUIPMENT.
4. CONDUITS FROM 6"x6"x36" TROUGH TO:
   1. AHU MOTOR STARTER & AIR PRESSURE SWITCH
   2. A/C SOLENOIDS AND OUTSIDE AIR DAMPER MOTOR
   3. A/C CONDENSING UNIT ON ROOF. SEALTITE 3'-0" MAXIMUM TO EQUIPMENT
   4. PRODUCE PREP DAMPER MOTOR, THERMOSTAT AND SOLENOID VALVES
   5. DUCT HEATER #1 (AHU #1)
   6. SALES FLOOR AND FRONT DOOR SENSORS
   7. MAIN AHU DISCHARGE AIR SENSOR LOCATION
   8. MECHANICAL ROOM & GROCERY STAGING SENSORS
   9. RTU-1 , RTU-2 & RTU-DB.

FIRE SYSTEM PLAN KEY NOTES

#	
1	4"x4" J.B. MOUNTED TO RISER WHEN SPRINKLER RISER IS LOCATED IN THE BACK. PROVIDE FLEX CONDUIT BETWEEN J.B. AND FLOW & TAMPER HANDY BOXES. STUB 3/4" CONDUIT TO 10"x10" JUNCTION BOX ABOVE WORKROOM.
2	11'-0" x 33'-11" CONCRETE PAD FOR FUTURE GENERATOR. COORDINATE WITH SITE PLAN.
3	4"x4 JUNCTION BOX FLUSH MOUNT 96" A.F.F. FOR FIRE RELAY FOR GLOBAL SHUT DOWN.
4	14"x14" SECURITY/FIRE JUNCTION BOX (FLUSH MOUNT WITH COVER AT 7'-0" A.F.F.), RUN 1 1/4" CONDUIT TO SECURITY TROUGH IN ELECTRICAL AREA.
5	SEE DETAIL 5/E5.01
6	FIRE PULL STATION AND HORN/STROBE SEE DETAIL NO. 5, SHEET E5.01
7	4X4 JUNCTION BOX FOR SENSOR UNIT FLEXED TO NEAREST FIRE ALARM BOX.
8	4"x4 JUNCTION BOX
9	INTELLIGENT SMOKE DETECTOR
10	6"x6"x36" SECURITY/FIRE TROUGH. SEE DETAIL #2 ON SHEET E2.01.
11	FIRE PULL STATION AND HORN/STROBE SEE DETAIL NO. 5, SHEET E5.01
12	ANSUL SYSTEM. SEE DETAIL ON SHEET E6.02
13	4"x4 JUNCTION BOX FOR ANSUL
14	4"x4" JUNCTION BOX FOR FIRE HORN/STROBE, MOUNT TO BOTTOM OF JOISTS. (TYPICAL)
15	14"x14" SECURITY/FIRE JUNCTION BOX (FLUSH MOUNT WITH COVER AT 7'-0" A.F.F.), RUN 1 1/4" CONDUIT TO SECURITY TROUGH IN ELECTRICAL AREA.
16	SINGLE GANG JUNCTION BOX AT 70" A.F.F. WITH 3/4" CONDUIT TO 10"x10" SECURITY/FIRE JUNCTION BOX IN DATA CLOSET
17	4"x4" J.B. MOUNTED TO RISER WHEN SPRINKLER RISER IS LOCATED IN THE FRONT. PROVIDE FLEX CONDUIT BETWEEN J.B. AND FLOW & TAMPER HANDY BOXES. STUB 3/4" CONDUIT TO 10"x10" JUNCTION BOX ABOVE WORKROOM.

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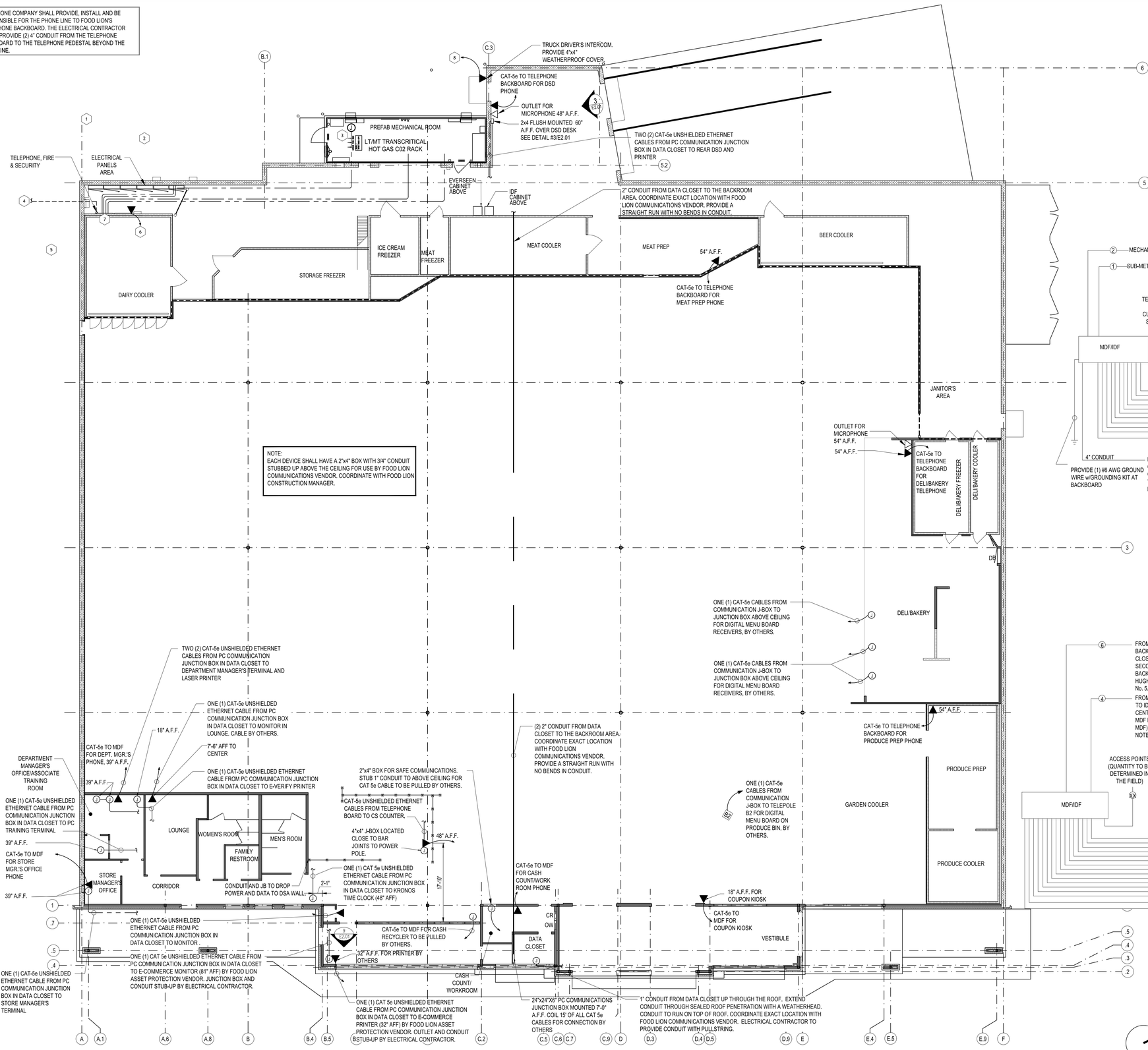
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THE PHONE COMPANY SHALL PROVIDE, INSTALL AND BE RESPONSIBLE FOR THE PHONE LINE TO FOOD LION'S TELEPHONE BACKBOARD. THE ELECTRICAL CONTRACTOR SHALL PROVIDE (2) 4" CONDUIT FROM THE TELEPHONE BACKBOARD TO THE TELEPHONE PEDESTAL BEYOND THE CURB LINE.



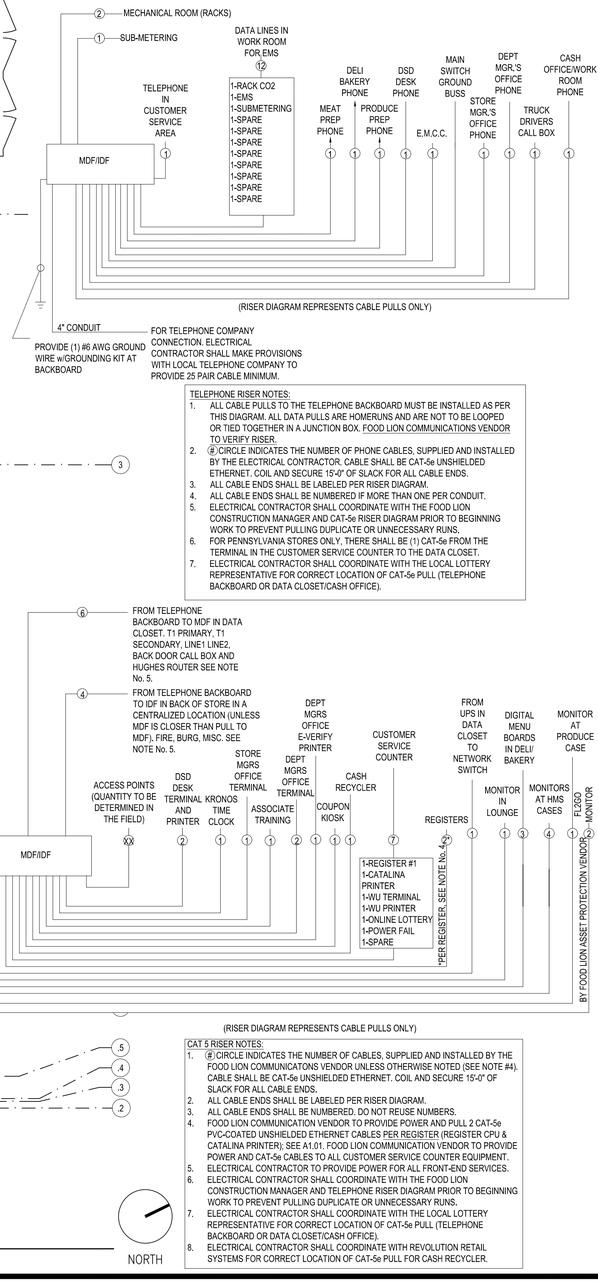
COMMUNICATION PLAN LEGEND

SYMBOL	DESCRIPTION
———	CAT-5e COMMUNICATION CABLE
▷	OUTLET FOR MICROPHONE (SEE ENLARGED PLANS)
▶	TELEPHONE JACK (SEE ENLARGED PLANS)

NOTE: ALL CAT-5 CABLE TO BE INSTALLED IN 3/4" CONDUIT UNLESS NOTED OTHERWISE.

COMMUNICATION PLAN KEY NOTES

#	
1	CONCRETE PAD FOR QUICK CONNECT. COORDINATE LOCATION WITH SITE PLAN. LIGHTSERVE-EPS "QUICK CONNECT" PORTABLE GENERATOR SWITCH SHALL BE PROVIDED AND INSTALLED BY LIGHTSERVE-EPS COMPANY. GENERAL CONTRACTOR SHALL CONTACT LIGHTSERVE-EPS AT (919) 740-8319 PRIOR TO CONSTRUCTION IN ORDER TO COORDINATE INSTALLATION.
2	PAD MOUNTED TRANSFORMER WITH ELECTRIC METER. COORDINATE WITH SITE PLAN FOR EXACT LOCATION.
3	3/4" CONDUIT WITH BELDEN #8762 - 2 CONDUCTOR SHIELDED 20 GAUGE CABLE. ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT WITH PULLSTRING FROM POWER WALL TO MECHANICAL ROOM. CABLING AND TERMINATION TO BE A PART OF SUB-METERING TERMINATION BY OTHERS.
4	COORDINATE WITH UTILITY PLAN SHEET C3.0 FOR TELEPHONE SERVICE.
5	11' - 0" x 33' - 11" CONCRETE PAD FOR FUTURE GENERATOR. COORDINATE WITH SITE PLAN.
6	3/4"C W/CAT-5e TO TELEPHONE BACKBOARD.
7	(4) CAT-5e UNSHIELDED ETHERNET CABLES TO TELEPHONE BACKBOARD FROM: (1) RACK "CO2" (1) EMS CABINET IN POWER WALL (1) SUB-METERING (POWER WALL)
8	CAT-5E TO TELEPHONE BACKBOARD.



(RISER DIAGRAM REPRESENTS CABLE PULLS ONLY)

TELEPHONE RISER NOTES:
1. ALL CABLE PULLS TO THE TELEPHONE BACKBOARD MUST BE INSTALLED AS PER THIS DIAGRAM. ALL DATA PULLS ARE HOMERUNS AND ARE NOT TO BE LOOPED OR TIED TOGETHER IN A JUNCTION BOX. FOOD LION COMMUNICATIONS VENDOR TO VERIFY RISER.
2. #CIRCLE INDICATES THE NUMBER OF PHONE CABLES, SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. CABLE SHALL BE CAT-5e UNSHIELDED ETHERNET. COIL AND SECURE 15'-0" OF SLACK FOR ALL CABLE ENDS.
3. ALL CABLE ENDS SHALL BE LABELED PER RISER DIAGRAM.
4. ALL CABLE ENDS SHALL BE NUMBERED IF MORE THAN ONE PER CONDUIT.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE FOOD LION CONSTRUCTION MANAGER AND CAT-5e RISER DIAGRAM PRIOR TO BEGINNING WORK TO PREVENT PULLING DUPLICATE OR UNNECESSARY RUNS.
6. FOR PENNSYLVANIA STORES ONLY, THERE SHALL BE (1) CAT-5e FROM THE TERMINAL IN THE CUSTOMER SERVICE COUNTER TO THE DATA CLOSET.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE LOCAL LOTTERY REPRESENTATIVE FOR CORRECT LOCATION OF CAT-5e PULL (TELEPHONE BACKBOARD OR DATA CLOSET/CASH OFFICE).

(RISER DIAGRAM REPRESENTS CABLE PULLS ONLY)

CAT 5 RISER NOTES:
1. #CIRCLE INDICATES THE NUMBER OF CABLES, SUPPLIED AND INSTALLED BY THE FOOD LION COMMUNICATIONS VENDOR UNLESS OTHERWISE NOTED (SEE NOTE #4). CABLE SHALL BE CAT-5e UNSHIELDED ETHERNET. COIL AND SECURE 15'-0" OF SLACK FOR ALL CABLE ENDS.
2. ALL CABLE ENDS SHALL BE LABELED PER RISER DIAGRAM.
3. ALL CABLE ENDS SHALL BE NUMBERED. DO NOT REUSE NUMBERS.
4. FOOD LION COMMUNICATION VENDOR TO PROVIDE POWER AND PULL 2 CAT-5e PVC-COATED UNSHIELDED ETHERNET CABLES PER REGISTER (REGISTER CPU & CATALINA PRINTER); SEE A1.01. FOOD LION COMMUNICATION VENDOR TO PROVIDE POWER AND CAT-5e CABLES TO ALL CUSTOMER SERVICE COUNTER EQUIPMENT.
5. ELECTRICAL CONTRACTOR TO PROVIDE POWER FOR ALL FRONT-END SERVICES.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE FOOD LION CONSTRUCTION MANAGER AND TELEPHONE RISER DIAGRAM PRIOR TO BEGINNING WORK TO PREVENT PULLING DUPLICATE OR UNNECESSARY RUNS.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE LOCAL LOTTERY REPRESENTATIVE FOR CORRECT LOCATION OF CAT-5e PULL (TELEPHONE BACKBOARD OR DATA CLOSET/CASH OFFICE).
8. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH REVOLUTION RETAIL SYSTEMS FOR CORRECT LOCATION OF CAT-5e PULL FOR CASH RECYCLER.

01 COMMUNICATION PLAN
SCALE: 3/32" = 1'-0"

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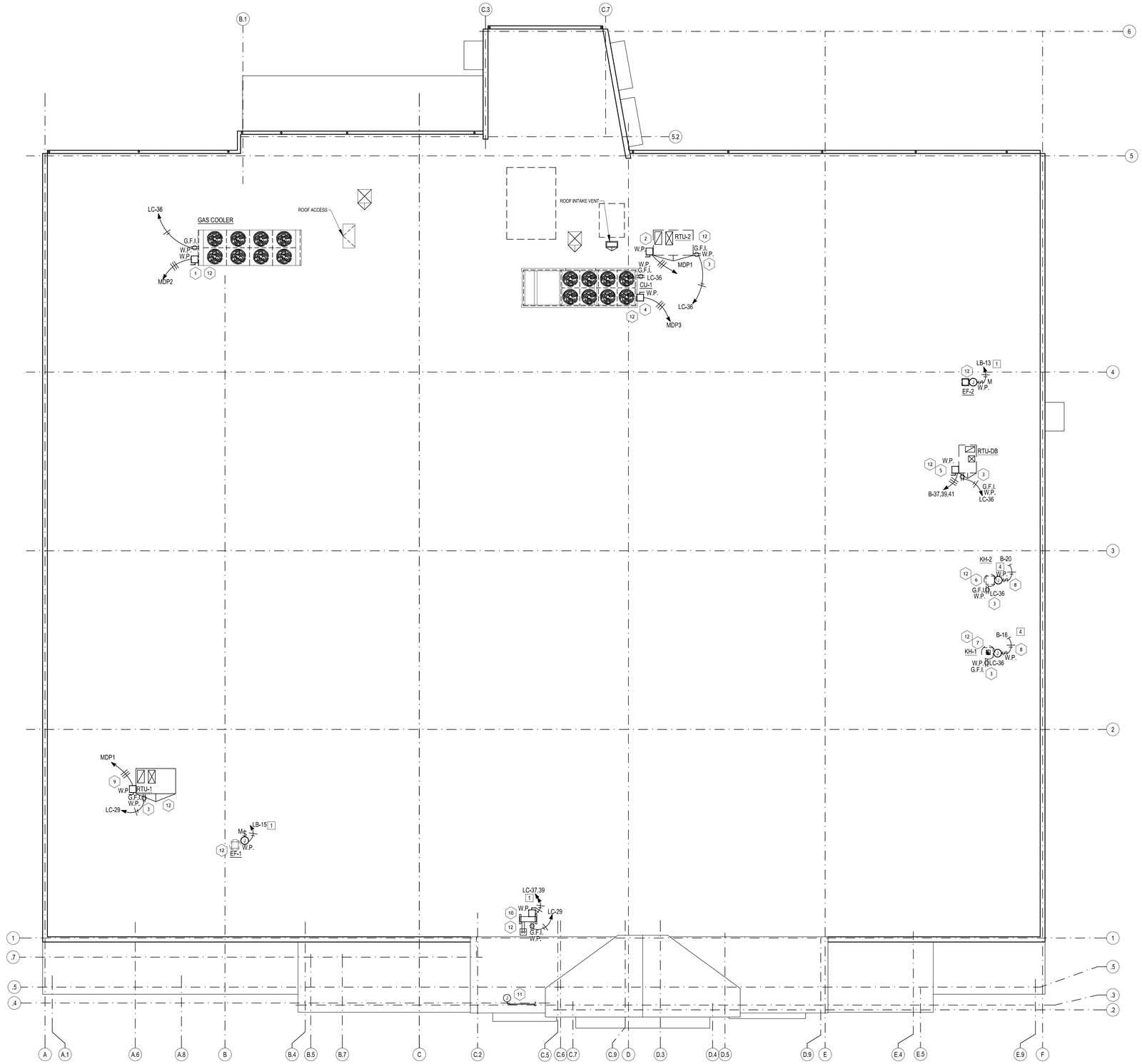
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ROOF ELECTRICAL PLAN GENERAL NOTES

1. VERIFY EXACT REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH MANUFACTURER NAMEPLATE DATA. CIRCUIT AS SHOWN, WHEN REQUIRED, REVISE OVERCURRENT PROTECTION AND WIRE SIZE SHOWN TO COORDINATE WITH NAME PLATE DATA.
2. MECHANICAL EQUIPMENT BRANCH CIRCUITS AND CONTROL WIRING CONDUITS SHALL BE RUN BELOW ROOF WITHIN BAR JOIST. EC MAY MOUNT SUPPORTS ADJACENT TO REFRIGERATION AND GAS PIPING. EC SHALL PROVIDE MAXIMUM SUPPORT BRACING FOR CONDUIT IN ACCORDANCE WITH NEC.
3. RTUs ARE TO BE PROVIDED THROUGH THE BASE SINGLE POINT POWER CONNECTION.
4. COORDINATE ALL ELECTRICAL REQUIREMENTS WITH MECHANICAL CONTRACTOR AND FOOD LION CONSTRUCTION MANAGER.

EMS LOAD #
REFER TO SHEET E6.03 FOR EMS LOAD SCHEDULE.

ROOF ELECTRICAL PLAN KEY NOTES

#	
1	EC TO PROVIDE AND INSTALL 200A 3R 208V 3 PHASE NON-FUSIBLE DISCONNECT FOR CONNECTION OF GAS COOLER. COORDINATE LOCATION WITH REFRIGERATION CONTRACTOR.
2	EC TO PROVIDE AND INSTALL 100A 3R 208V, 3 PHASE FUSIBLE DISCONNECT FUSED AT 100 AMPS FOR CONNECTION OF RTU-2. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR.
3	EC TO PROVIDE AND INSTALL WEATHERPROOF IN USE COVER ON GFI RECEPTACLE. CONNECT TO CIRCUIT SHOWN ON PLANS. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR.
4	SESCO TO PROVIDE, EC TO INSTALL 400A 3R 208V 3 PHASE NON-FUSIBLE DISCONNECT FOR CONNECTION OF CONDENSING UNIT CU-1. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR.
5	EC TO PROVIDE AND INSTALL 60A 3R 208V 3 PHASE FUSIBLE DISCONNECT FUSED AT 60 AMPS FOR CONNECTION OF RTU-DB. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR.
6	PROVIDE CONNECTION TO ROOF MOUNTED KITCHEN HOOD FAN KH-2. SEE MECHANICAL DWGS. FOR ELECTRICAL SPECIFICATIONS & WIRE TO HOOD CONTROL BOX TERMINAL STRIP.
7	PROVIDE CONNECTION TO ROOF MOUNTED KITCHEN HOOD FAN KH-1. SEE MECHANICAL DWGS. FOR ELECTRICAL SPECIFICATIONS & WIRE TO HOOD CONTROL BOX TERMINAL STRIP.
8	EC TO PROVIDE AND INSTALL MOTOR RATED WP SWITCH AS MEANS OF DISCONNECT IF NOT SUPPLIED WITH EQUIPMENT. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR.
9	EC TO PROVIDE AND INSTALL 100A 3R 208V, 3 PHASE FUSIBLE DISCONNECT FUSED AT 100 AMPS FOR CONNECTION OF RTU-1. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR.
10	EC TO PROVIDE AND INSTALL 60A 3R 208V 3 PHASE FUSIBLE DISCONNECT FUSED AT 55 AMPS FOR CONNECTION OF DCU-1. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR.
11	1" CONDUIT FROM DATA CLOSET UP THROUGH THE ROOF. EXTEND CONDUIT THROUGH SEALED ROOF PENETRATION WITH A WEATHERHEAD. CONDUIT TO RUN ON TOP OF ROOF. COORDINATE EXACT LOCATION WITH FOOD LION COMMUNICATIONS VENDOR. ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT WITH PULLSTRING
12	PROVIDE (1) 1" CONDUIT FROM AHUS AND 3/4" CONDUIT FROM OTHER MECHANICAL UNITS WITH PULL STRING TO EMS SYSTEM AS REQUIRED FOR CONTROL WIRING. COORDINATE WITH DIVISION 23 FOR EXACT LOCATIONS. REFER TO SHEET M1.01.

01 ELECTRICAL ROOF PLAN
SCALE: 3/32" = 1'-0"

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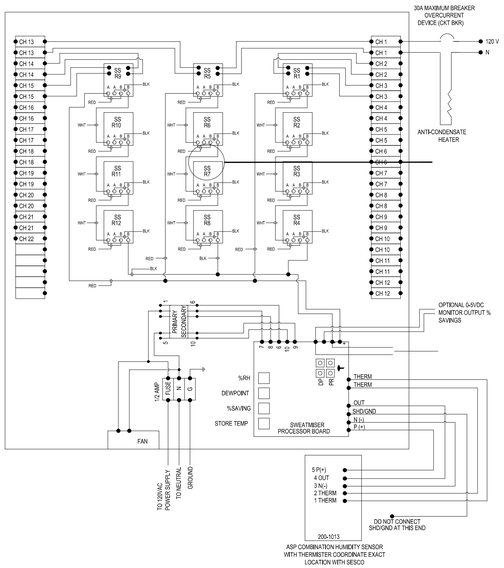
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ROOF ELECTRICAL PLAN

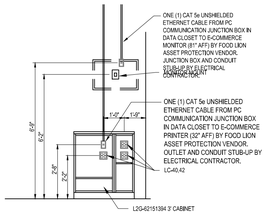
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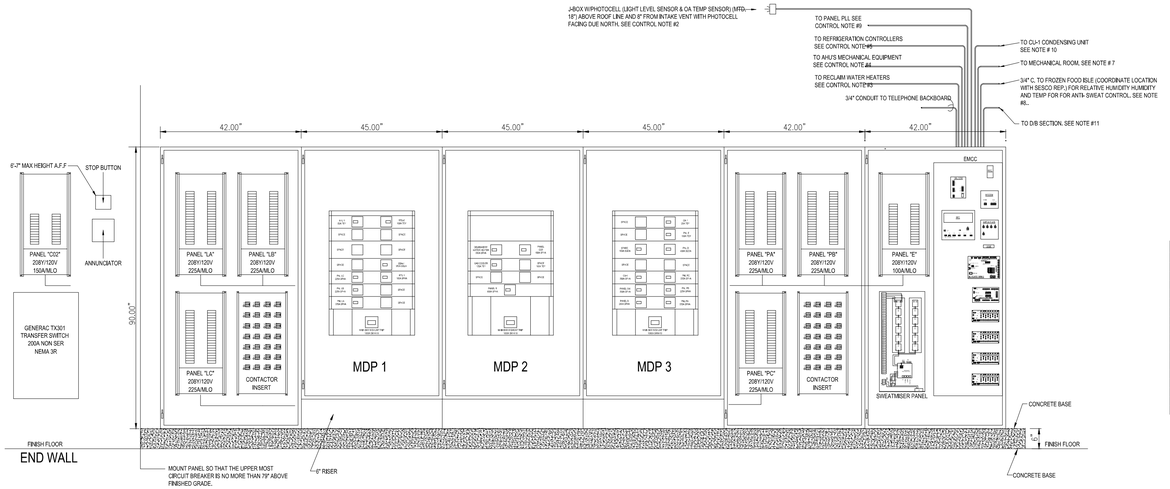
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08 GENERATOR BYPASS DIAGRAM
NOT TO SCALE



09 E-COMMERCE CABINET ELEVATION
NOT TO SCALE



07 POWER WALL SYSTEM ELEVATION
NOT TO SCALE

CONTROL NOTES

1. THE ENERGY MANAGEMENT CONTROL CABINET WITH ENVIRONMENTAL CONTROL PANEL SHALL BE PROVIDED VIA NATIONAL ACCOUNT BY FOOD LION.
2. ONE SEPARATE 3/4" CONDUIT THROUGH ROOF FOR PHOTOCELL. RUN (1) 4-CONDUCTOR SHIELDED CABLE (#22AWG OR LARGER) FOR PHOTOCELL. TERMINATE PER ENERGY MANAGEMENT CONTROL DRAWINGS. PHOTOCELL SHALL BE LOCATED ON THE ROOF, IN AN OPEN AREA, IN A HORIZONTAL POSITION, WITH A NORTHERN EXPOSURE. PHOTOCELL SHALL NOT BE LOCATED DIRECTLY ABOVE POWER WALL (AS PER SESCO COMMISSIONING).
3. PROVIDE 3/4" CONDUIT TO RECLAIM WATER HEATER CONTACTORS FOR EMS CONTROL (2 #14 w/GND)
4. PROVIDE 1" CONDUIT TO AHU'S AND 3/4" CONDUIT TO OTHER MECHANICAL EQUIPMENT (IE, RTU'S, EDW'S, DAMPERS) FOR CONTROL. PROVIDE SEPARATE 3/4" CONDUIT FOR SENSOR CABLES. REFER TO SHEET M1.01. COORDINATE WITH MECHANICAL CONTRACTOR.
5. PROVIDE 3/4" CONDUIT TO EACH REFRIGERATION CONTROLLER AND ECP PANEL TO THE PHONE BOARD FOR CAT 5 COMMUNICATION CABLE. NO OTHER CABLES SHALL BE RUN IN THIS CONDUIT.
6. LEAVE RIGHT HALF OF TROUGH OPEN FOR ENVIRONMENTAL CONTROL CONDUITS (BY THE ELECTRICAL CONTRACTOR) PER SHEET E4.01. MECHANICAL CONTRACTOR SHALL PROVIDE ALL ENVIRONMENTAL CONTROL WIRING AND TERMINATIONS.
7. PROVIDE 3/4" CONDUIT FOR EMS CONTROL TO MECHANICAL ROOM EXHAUST & SUPPLY FAN (IF REQUIRED) (4 #4 W/GND)
8. (1) 5-CONDUCTOR SHIELDED CABLE (#22 AWG OR LARGER) FOR ANTI-SWEAT CONTROL, TERMINATE PER ENERGY CONTROL DRAWINGS. NO OTHER CONDUCTORS SHALL BE RUN IN THIS CONDUIT. SEE DETAIL #8 THIS SHEET.
9. PROVIDE 3/4" CONDUIT FOR EMS CONTROL FOR PLL CONTACTORS (8 #14 W/GND)
10. PROVIDE 3/4" CONDUIT TO CU-1 CONDENSING UNIT ON ROOF FOR EMS CONTROL AND 3/4" CONDUIT FROM CU-1 TO COOLING STAGE SOLENOIDS.
11. PROVIDE 3/4" CONDUIT TO D/B PANEL SECTION FOR DELI EMS CONTROL. (8 #14 W/GND)

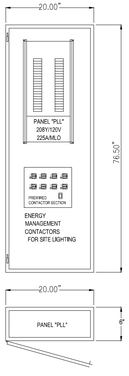
POWER WALL NOTES

1. EQUIPMENT MUST BE ANCHORED TO CONCRETE BASE.
2. EQUIPMENT GROUND (NOT SHOWN) MUST BE PROVIDED.
3. COORDINATE PANEL ENCLOSURE DOOR SWINGS AND ORIENTATION WITH CD CONTROLS.
4. POWER WALL, INCLUDING C02 PANEL, SHALL BE PURCHASED FROM CD CONTROLS (706-476-7303). INSTALLED BY THE ELECTRICAL CONTRACTOR.
5. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING CT'S (PROVIDED WITH POWER WALL) AROUND CONDUCTORS AS DIRECTED/NOTED IN POWER WALL. SEE SCHEDULE ABOVE.
6. GENERAC TRANSFORMER AND TRANSFER SWITCH PROVIDED BY FOOD LION, INSTALLED BY THE ELECTRICAL CONTRACTOR.

FOOD LION CT LOAD SHEET

LOAD	BREAKER	CT	ADDRESS
AHU-1	90A	100A	1
RTU-2	90A	100A	2
PANEL LA	225A	300A	3
RTU-1	125A	300A	4
EDH-1	350A	400A	5
GAS COOLER	90A	100A	7
RACK A	700A	*	8
BACK-UP CONDENSER	30A	100A	9
RACK B	100A	*	10
CU-1	250A	300A	11
PANEL B	200A	300A	12
CIA-1	15A	100A	13
PANEL D	400A	400A	14
MAIN 1	1200A	1200A	15
MAIN 2	1200A	1200A	16
MAIN 3	1200A	1200A	17
PANEL PLL	225A	300A	18

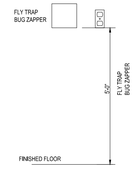
* INDICATES CT FIELD INSTALLED BY AZTEC



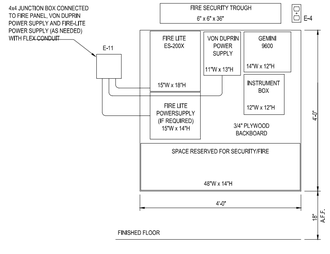
06 PARKING LIGHTING PANEL (PLL) (WHERE APPLICABLE)
NOT TO SCALE

NEMA 3R LOCKABLE PANEL WITH CONTACTORS PREWIRED FOR ENERGY MANAGEMENT., CONTACT CD CONTROLS (706)476-7303.

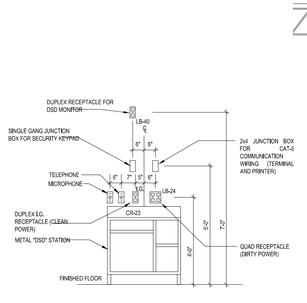
NOTE: PANEL PLL SCHEDULE SHALL BE SHOWN ON SITE LIGHTING ELECTRICAL SHEET, AND SHALL INCLUDE ALL PERTINENT INFORMATION INCLUDING LOADS 5, 8 & 15. SEE EMS LOAD SCHEDULE ON SHEET E6.03.



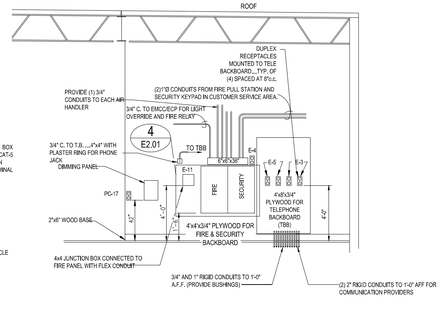
05 FLY TRAP/BUG ZAPPER DETAIL
NOT TO SCALE



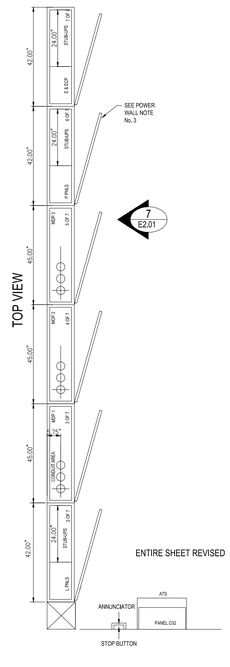
04 FIRE/SECURITY BACKBOARD LAYOUT
NOT TO SCALE



03 DSD STATION ELEVATION
NOT TO SCALE



02 ELECTRICAL ROOM ELEVATION
NOT TO SCALE



01 POWER WALL SYSTEM ARRANGEMENT
NOT TO SCALE

INTERPLAN
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SEAL:

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90% REVIEW SET

NO DATE REMARKS
REVISIONS

PHASE III–
FOOD LION
INTERIOR BUILD
OUT

TIMBER
DEVELOPMENT
CORPORATION
8113 BALL GROUND HWY
BALL GROUND, GA 30107

PROJECT NO: 2026.0771
DATE: 11/13/26

E2.01
ELECTRICAL ELEVATIONS

CHECKED: SN DRAWN: NA

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RYANAT - 11/13/2026 3:25:17 PM