BUILDING

- ♣ QUAD RECEPTACALE
- JUNCTION BOX
- ₩P WEATHERPROOF DUPLEX RECEPTACLE
- WEATHER RESISTANT DUPLEX RECEPTACLE
- GROUND FAULT INTERRUPTING
- GFI RECEPTACLE G ISOLATED GROUND RECEPTACLE
- SPECIAL USE RECEPTACLE. VOLTAGE, - PHASE AND AMPERAGE BASED ON LOAD SERVED. COORDINATE NEMA CONFIGURATION WITH EQUIPMENT REQUIREMENTS.
- Ş SWITCH
- -♦ FLOOR STUB UP
- DISCONNECT SWITCH-TYPE AS NOTED X ELECTRICAL DROP FROM OVERHEAD
- EXISTING ELECTRICAL STUB-UP
- □ TELE−POWER POLE

✓ MAGNETIC SWITCH (EXISTING)

© ELECTRICAL CONNECTION UNDER CASE

- TELEPOWER POLE INSTALLATION NOTES
- CONDUITS FROM "CR" & "OW" SHALL BE AS FOLLOWS: (4) ₹" CONDUITS FROM PANEL "CR" — TWO CHECKOUTS MAXIMUM PER CONDUIT. PROVIDE ADDITIONAL CONDUITS AS REQUIRED. (2) 1" CONDUIT FROM PANEL "OW" DEDICATED TO DIRTY POWER FOR BELT MOTOR, SÉNSOR-MATIC DEACTIVATION PADS & GENERAL RECEPTACLES.
- CASH REGISTER CIRCUITS SHALL BE PROVIDED WITH DEDICATED NEUTRAL AND GREEN DEDICATED CIRCUIT. BX CABLES SHALL BE INSTALLED WITH INSULATED THROATS AND APPROVED CONNECTORS. ELECTRICAL CONTRACTOR SHALL ENSURE THAT THE TELEPOLES ARE INSTALLED SECURE AND
- PLUMB; TOP CONNECTION OF TELEPOLE TO BAR JOIST SHALL BE CONNECTED WITH A LEGRAND/WIREMOLD SLIDING SUPPORT, #E63204 (2-CHANNEL), THAT WILL ALLOW DEFLECTION OF THE BAR JOIST WITHOUT BOWING THE TELEPOLE. INSTALL ADAPTER TO REGISTER STAND TOP. A HOLE IS PROVIDED IN REGISTER STAND TOP
- (AND COUNTER TOP AT CUSTOMER SERVICE) AT THE DESIRED LOCATION. THE ADAPTER MUST BE INSTALLED SO THAT POLES GROMMETED OPENING AND POWER CORD ARE FACING TOWARDS THE REAR OF THE STORE. TELEPOLE CUT IN THE FIELD TO BE CUT AT THE TOP ONLY AND FILED SMOOTH.
- NEW TELEPOLES TO BE FURNISHED & INSTALLED AS FOLLOWS: •• TELEPOLES AT CHECKSTANDS - FOOD LION VENDOR •• TELEPOLES IN SALES AREA (PRODUCE, WINE, CENTER STORE, ETC.) - ELECTRICAL CONTRACTOR.
- INSTALL TELEPOLÉS AFTER EQUIPMENT HAS BEEN SET. TELEPOLES SHALL BE PURCHASED THROUGH LOCAL LEGRAND/WIREMOLD DISTRIBUTOR. MODEL NUMBERS REFERENCED BELOW ARE FOOD LION SPECIFIC MODEL NUMBERS ASSIGNED BY LEGRAND/WIREMOLD. DISTRIBUTOR SHALL COORDINATE MODEL NUMBERS WITH LEGRAND/WIREMOLD. MODEL NUMBERS INCLUDE POLE ADAPTOR, TRIM PLATE, (2) TEE CLAMPS.  $2\frac{1}{2}$ "X $2\frac{5}{16}$ " CLEAR ANODIZED ALUMINUM POLES UNLESS NOTED OTHERWISE. MOUNT WITH LARGER DIMENSION OF THE TELEPOLE RUNNING COORDINATE EXACT TELEPOLE LOCATION WITH FOOD LION CONSTRUCTION MANAGER DURING REAR SECTION OF TELEPOLE IS FOR POWER, FRONT SECTION IS FOR COMMUNICATIONS.

### BY ELECTRICAL CONTRACTOR (U.N.O.)

MODEL #'S

- A FLAMP0573 SPL AMDTP-415 15FT 2-CHANNEL POLE WITH (1) L5-20R, STANDARD GRAY BOOT 3x3 & 4x4 SLANT BINS
- B1 FLAMP0574 SPL AMDTP-415 15FT 2-CHANNEL POLE WITH (2) L6-20R (2 CIRCUITS), STANDARD • 3x6 BIN, 3x8 BIN, 5x5 BERRY QUAD
- B2 FLAMP0746 • SPL AMDTP-415 15FT 2-CHANNEL POLE WITH (2) L6-20R (2 CIRCUITS), (1) DUPLEX RECEPTACLE (1 CIRCUIT), STANDARD GRAY BOOT
- 3x6 BIN, 3x8 BIN, 5x5 BERRY QUAD FLAMP0739 • SPL AMDTP-415 15FT 2-CHANNEL POLE WITH (2) L6-30R (2 CIRCUITS), STANDARD GRAY BOOT
- LARGE BERRY BIN • SPL AMTC-415 15FT 2-CHANNEL POLE NO RECEPTACLE REQUIRED, STANDARD GRAY
- CUSTOMER SERVICE COUNTER SELF—CHECKOUTS
- FRUIT CASE ISLAND E1 FLAMP0741 • SPL AMDTP-415 15FT 2-CHANNEL POLE WITH (1) L14-20R SIMPLEX, STANDARD GRAY BOOT • SELF-CONTAINED (SHORT) WINE CASE (IM-04-I4-S)
- E2 FLAMP0742 SPL AMDTP-415 15FT 2-CHANNEL POLE WITH (1) L14-30R, STANDARD GRAY BOOT • SELF-CONTAINED (TALL) WINE CASE (IM-06-16-S) F FLAMP0740
- SPL AMDTP-415 15FT 2-CHANNEL POLE WITH (1) 5-20R SIMPLEX, STANDARD GRAY PET FRESH
- SPL AM CRV 15FT 1-CHANNEL SNAP-ON, NO RECEPTACLE REQUIRED. • FOR USE WITH TYPE "D" FLAMP0577 TO ADD CHANNEL WHEN NEEDED. SFLF—CHECKOUT GRAB & GO

### BY VENDOR

- DL FLAMP0575 (LEFT HAND) • SPL ALUMINUM 3-CHANNEL POLE WITH LANE LIGHT MOUNTING BRACKET #E63920 (2-1/4"x3-5/16") CHECKSTANDS, CUSTOMER SERVICE CHECKSTAND #1
- DR FLAMP0576 (RIGHT HAND) SPL ALUMINUM 3—CHANNEL POLE WITH LANE LIGHT MOUNTING BRACKET #E63920 (2-1/4"x3-5/16") CHECKSTANDS
- WHEN EXTENSION IS NEEDED, USE #AMP0322 (2 CHANNEL) WITH SLIDING SUPPORT

# POWER PLAN KEY NOTES (X) 1. HAND DRYERS TO BE POWERED FROM DEDICATED CIRCUIT

- COORDINATE GFCI RECEPTACLE HEIGHT WITH COUNTER TOP HEIGHT (46" AFF), COORDINATE EXACT HEIGHT WITH FOOD LION CONSTRUCTION MANAGER. RELOCATED EQUIPMENT CIRCUIT TO NEW LOCATION, EXTEND CIRCUITRY AS REQUIRED.
- RECONNECT EXISTING CIRCUIT TO NEW EQUIPMENT (REPLACING EXISTING EQUIPMENT), ELECTRICAL CONTRACTOR TO VERIFY EXISTING CIRCUIT IS NOT OVERLOADED. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY THAT ALL ELECTRICAL CONNECTIONS ARE CAPPED OFF WITHIN 5' OF THE FINAL LOCATION OF THE PROPANE EXCHANGES. ELECTRICAL CONTRACTOR SHALL
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE GFCI, WR, WP RECEPTACLE AT PRIMO RETURN LOCATION, RED BOX AND GLACIER WATER (IF NOT CURRENTLY EXISTING) COORDINATE EXACT LOCATION OF
- RECEPTACLE WITH FOOD LION CONSTRUCTION MANAGER. CONDUITS ON THIS WALL TO BE RECESSED BEHIND GWB. DUPLEX RECEPTACLE MOUNTED 18" AFF (CONVENIENCE OUTLET) EXTEND EXISTING COMMUNICATIONS CONNECTIONS TO RELOCATED REDBOX LOCATION.

  O. VERIFY EXISTING CONNECTIONS MEET FOOD LION REQUIREMENTS, ADD NEW IF REQUIRED.
- DUPLEX RECEPTACLE MOUNTED 15" DOWN FROM CEILING, (CONNECTED EXISTING LOUNGE POWER). DATA PORT JUNCTION BOX (WITH EMPTY CONDUIT TO ACCESSIBLE CEILING SPACE) TO BE MOUNTED 15" DOWN
- FROM CEILING, DATA CONNECTIVITY (CAT5 CABLE AND CONNECTIONS) TO BE PROVIDED BY FOOD LION 3RD PARTY VENDOR. EXTEND EXISTING RECEPTACLES IN CORRIDOR, FLUSH WITH NEW WALL FINISH. VERIFY MOUNTING WITH FOOD LION CONSTRUCTION MANAGER. SCREEN WILL BE MOUNTED ABOVE CASE. ELECTRICAL CONTRACTOR SHALL RUN POWER AND COMMUNICATIONS MONITORS IN TELEPOLE. DATA SHALL
- BE CAT-6E, 1 PER MONITOR TO COMMUNICATIONS JUNCTION BOX IN WORK ROOM BY FOOD LION COMMUNICATIONS VENDOR. VERIFY MOUNTING WITH FOOD LION CONSTRUCTION MANAGER. SCREEN WILL BE MOUNTED ABOVE CASE. ELECTRICAL CONTRACTOR SHALL RUN POWER AND COMMUNICATIONS MONITORS IN STUB-UP UNDER CASE (SEE DIMENSIONS ON SHEET E1.03). DATA SHALL BE CAT-6E, 1 PER MONITOR TO COMMUNICATIONS JUNCTION BOX IN WORK ROOM BY FOOD LION COMMUNICATIONS VENDOR.

## **GENERAL NOTES:**

- DIMENSIONS FOR CONDUIT STUB-UPS IN SALES AREA ARE TO BE HELD WITHIN 1".

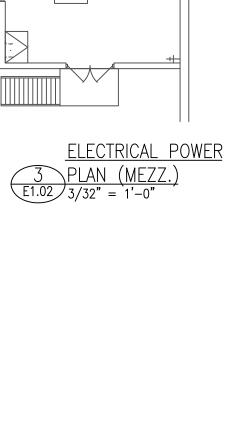
  ANY EXPOSED CONDUIT IN PREP AREAS SHALL BE SECURELY FASTENED IN PLACE AS PER CODE.
- . ALL DUPLEX RECEPTACLES SHALL BE MOUNTED 18" A.F.F. UNLESS NOTED OTHERWISE. THE CONDENSATION DRAIN HEAT TAPE RECEPTACLES FOR THE ICE CREAM/STORAGE AND MEAT/DELI/BAKERY FREEZERS SHALL BE INSTALLED TO CEILING NEAR THE DRAIN END OF EVAPORATOR AFTER THE EVAPORATOR HAS BEEN INSTALLED.
- THE MECHANICAL CONTRACTOR SHALL SUPPLY THE AIR CURTAINS, AIR CURTAIN MOUNTING BRACKETS AND
- THE ELECTRICAL CONTRACTOR SHALL INSTALL AND WIRE THE MICRO-SWITCH FOR AIR CURTAIN CONTROL. ALL NEW AND EXISTING RECEPTACLES IN PREP AREAS SHALL HAVE "IN-USE" WATERPROOF RECEPTACLE
- B. ALL NEW DISCONNECTS SHALL BE "G.E." GENERAL DUTY.
  D. ALL NEW HOME RUNS SHALL GO TO EXISTING PANELS, UNLESS INDICATED OTHERWISE. 10. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR RUNNING ALL WIRING TO PANELS. THE ELECTRICAL
- CONTRACTOR SHALL PROVIDE ALL CONDUIT AND CABLE AS SHOWN ON DRAWINGS. ALL WIRING SHALL BE DONE IN STRICT ACCORDANCE WITH N.E.C. STANDARDS AND WITH FOOD LION STANDARDS, ONLY NEAT, FIRST QUALITY WORK WILL BE ACCEPTED.
- 2. ELECTRICAL CONTRACTOR IS NOT PERMITTED TO USE MC, BX CABLE, SO CORD OR ANY FLEXIBLE CONDUIT/WIRING METHODS AS A PERMANENT METHOD OF POWERING EQUIPMENT, UNLESS OTHERWISE NOTED WITHIN THE DRAWINGS. SHORT RUNS OF FLEXIBLE CONDUIT(4'-6') ARE PERMITTED FROM JUNCTION BOX TO LIGHT FIXTURES OR AS STATED IN THE FOOD LION SPECIFICATIONS 16402- PART 3
- 3. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING ALL ELECTRICAL EQUIPMENT NEEDED FOR ALL NEW AND RELOCATED MECHANICAL EQUIPMENT. COORDINATE ELECTRICAL HOOK-UPS WITH MECHANICAL 4. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL OPEN JUNCTION BOXES, PANELS,
- BREAKER SPACES, RECEPTACLES AND WIRING RACEWAYS HAVE PROPER COVER PLATES INSTALLED THROUGHOUT THE STORE. REPLACE ALL MISSING, BROKEN OR OTHERWISE DEFICIENT COVER PLATES. NON WEATHERPROOF DEVICE COVERS TO BE STAINLESS STEEL. WEATHERPROOF DEVICE COVERS ARE TO BE INSTALLED IN PREP AREAS AND ON THE EXTERIOR. ALL WEATHERPROOF COVERS TO BE ALUMINUM.
- 5. ALL NEW DISCONNECTS SHALL BE GENERAL ELECTRIC, GENERAL DUTY AT A MINIMUM, 3R RATED AS REQUIRED, AND NON FUSED UNLESS SPECIFIED OTHERWISE BY EQUIPMENT NAMEPLATE.

  16. ALL BRANCH CIRCUIT PANEL BOARDS SHALL BE VACUUMED. ALL ELECTRICAL ENCLOSURE COVERS SHALL BE INSTALLED AND ADEQUATELY SECURED TO OBTAIN PROJECT CLOSE OUT.
- . ALL BRANCH CIRCUIT PANEL BOARDS, SAFETY DISCONNECTS, ELECTRICAL DISTRIBUTION EQUIPMENT, MAIN BREAKERS, AND MAIN SERVICE DISCONNECTS SHALL BE LABELED WITH PHENOLIC TAGS, BLACK ON WHITE, 1.5" ALL. DISTRIBUTION SECTIONS SHALL BE LABELED ACCORDING TO ARC FLASH LABELS 18. A FOOD LION ELECTRICAL CONTRACTOR (MID-CAROLINA) WILL INSTALL THE FRONT-END ELECTRICAL. THIS INCLUDES AND IS LIMITED TO ALL CHECK STANDS, CIGARETTE KIOSK, AND CUSTOMER SERVICE COUNTERS. THIS INCLUDES SETTING AND HANDLING ALL EQUIPMENT, CLEAN AND DIRTY POWER, ASSOCIATED CATS AND BELDON
- CABLES. THIS SCOPE OF WORK SHALL BE INCLUDED IN THE PERMIT AND COORDINATED AS SUCH. THE BID ELECTRICAL CONTRACTOR SHALL BE ON SITE THE NIGHT OF THE FRONT END CHANGE OUTS, PROVIDE &
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE POWER/COMMUNICATIONS FOR THE PC TRAINING ROOM, DSD COUNTER AND ALL CATS CABLES NOT RELATED TO THE REGISTERS, CIGARETTE KIOSK AND CUSTOMER SERVICE COUNTER. ALL RECEPTACLES ARE TO BE MOUNTED ABOVE THE COUNTER TOPS WITH WIRING SECURED AT OUTLETS. 20. FREEZER DOOR SWITCHES SHALL BE PROVIDED BY REFRIGERATION CONTRACTOR. ELECTRICAL CONTRACTOR

23. REMOVAL/RELOCATION OF ECOLAB FLY TRAPS TO BE COORDINATED WITH VENDOR VIA FOOD LION

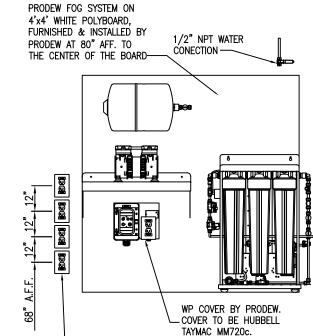
CONSTRUCTION MANAGER. EC TO PROVIDE POWER.

- SHALL MOUNT SENSOR, PROVIDE CONDUIT AND PROVIDE 3 PAIR, 22 GAUGE SHIELDED CABLE FROM FREEZER TO RACK ROOM. REFRIGERATION CONTRACTOR WILL PERFORM FINAL TERMINATION. 21. GC TO PAINT ALL EXPOSED CONDUIT IN PRODUCE PREP AND MEAT PREP "WHITE". 22. ALL ELECTRIC POWER, DISCONNECTS, ETC. LOCATED IN WET AREAS (MEAT PREP, PRODUCE PREP, ETC.) TO BE



<u>MECHANICAL</u>

PA

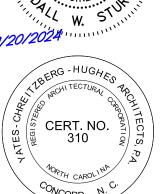


ELECTRICAL CONTRACTOR TO PROVIDE (4) GFI/WP DUPLEX \_ RECEPTACLES (STACKED AT 12" O.C.) WITH EXTRA-LARGE IN-USE COVERS. COVERS TO BE HUBBELL TAYMAC MM720c. RUN LOW VOLTAGE 16GA/4 WIRE INSULATED CABLE IN 1/2" CONDUIT ABOVE CEILING TO WET DECK CASE. ELECTRICAL AND PLUMBING TO BE COMPLETE PRIOR TO WET DECK CASE INSTALLATION.



35 NORTHWINDS DR NW CONCORD, NC 28027 04.700.2000 I ycharch.com





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HASE & DATE: Construction

**Documents** 09-20-2024 REVISIONS:

HEET TITLE: ELECTRICAL

POWER PLAN

RCHITECTURAL: