# FOOD LION

Alterations For

## Store No. 2216

6275 Wilson Grove Road
Mint Hill, North Carolina 28227

## ABBREVIATIONS:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| AB | ANCHOR BOLT | EW | EACH WAY | lb | POUND | REF | REFERENCE (ED) / REFRIGERATOR |
| ABV | ABOVE | EWC | ELECTRIC WATER COOLER | LF | LABORATORY FURNITURE | REINF | REINFORCE (ED) (ING) |
| AC | ARCHITECTURAL CASEWORK | EXH | EXHAUST | LH | LEFT HAND | REM | REMOVE (ED) (ABLE) |
| A/C | AIR CONDITION (ED) (ING) | EXIST'G | EXISTING | LKR | LOCKER | REQ | REQUIRE (ED) |
| ACOUS | ACOUSTICAL | EXP | EXPAND (ED) (SION) | LL | LEAD LINED / LIVE LOAD | REV | REVISE (ED) (ION) |
| ACP | ACOUSTICAL PANEL | EXT | EXTERIOR | LOC | LOCATE (ED) (ION) | RH | RIGHT HAND / ROUND HEAD |
| ACT | ACOUSTICAL TILE / ACTION | | | LONG | LONGITUDINAL | RL | ROOF LEADER |
| ADH | ADHESIVE | FD | FLOOR DRAIN | LP | LOW POINT / LIGHT POLE | RM | ROOM |
| ADJ | ADJUST (ED) (ABLE) / ADJACENT | FDN | FOUNDATION | LT | LIGHT (ED) (ING) | RO | ROUGH OPENING |
| ADMIN | ADMINISTRATION | FE | FIRE EXTINGUISHER | LTL | LINTEL | ROW | RIGHT OF WAY |
| AE | ARCHITECT — ENGINEER | FEC | FIRE EXTINGUISHER CABINET | LVR | LOUVER | RWH | RECLAIM WATER HEATER |
| AFL | ABOVE FLOOR LINE | FF | FACTORY FINISH/FINISH FLOOR | LW | LIGHTWEIGHT | | |
| AGG | AGGREGATE | FFE | FINISH FLOOR ELEVATION | | | S | SOUTH / STEAM / SLOTTED |
| ALT | ALTERNATE (ING) | FH | FIRE HYDRANT / FLAT HEAD | MACH | MACHINE (RY) | SAN | SANITARY |
| ALUM | ALUMINUM | FHC | FIRE HOSE CABINET | MAS | MASONRY | SC | SOLID CORE |
| APPROX | APPROXIMATE (LY) | FIN | FINISH (ED) (ING) | MATL | MATERIAL | SCH | SCHEDULE |
| ARCH | ARCHITECT (URE) (URAL) | FL | FLOOR (ING) | MAX | MAXIMUM | SD | STORM DRAIN |
| AW | ARCHITECTURAL WOODWORK | FO | FINISH OPENING | MB | MACHINE BOLT | SEC | SECTION |
| | | FOC | FACE OF CONCRETE / FACE OF CURB | MECH | MECHANICAL | SEP | SEPARATE (ED) (ION) |
| BD | BOARD | FOF | FACE OF FINISH | MEZZ | MEZZANINE | SF | SQUARE FOOT / SQUARE FEET |
| BLDG | BUILDING | FOM | FACE OF MASONRY | MFR | MANUFACTURE (ED) (ER) (ING) | SHT | SHEET |
| BLK | BLOCK | FOS | FACE OF STUDS | MH | MANHOLE | SIM | SIMILAR |
| BLKG | BLOCKING | FP | FIREPROOF (ED) (ING) | MIN | MINIMUM | SP | STANDPIPE / SPACE |
| BM | BEAM / BENCHMARK | FR | FIRE RATED / FIRE RESISTANT | MISC | MISCELLANEOUS | SPEC | SPECIFICATION |
| BOT | BOTTOM | FT | FOOT / FEET | MO | MASONRY OPENING / MOTOR | SPR | SPRINKLER |
| BRG | BEARING | FTG | FOOTING | | OPERATED | SQ | SQUARE |
| BSMT | BASEMENT | FURN | FURNISH (ED) (ING) FURNITURE | MS | MACHINE SCREW | SS | SANITARY SEWER / STAINLESS STEEL |
| BTWN | BETWEEN | | | MT | MOUNT (ED) (ING) | STA | STATION |
| | | G | GRAMS / GAS | MTL | METAL | STD | STANDARD |
| CAB | CABINET | GA | GAUGE | MULL | MULLION | STL | STEEL |
| CB | CARRIAGE BOLT / CATCH BASIN | GAL | GALLON (S) | | | STO | STORE (ED) (AGE) |
| CC | CENTER TO CENTER | GALV | GALVANIZED | N | NORTH | STRUCT | STRUCTURE (AL) |
| CG | CORNER GUARD | GB | GRADE BEAM / GRAB BAR | NIC | NOT IN CONTRACT | SUSP | SUSPEND (ED) |
| CI | CAST IRON | GC | GENERAL CONTRACT (OR) | NO | NUMBER | SV | SHEET VINYL |
| CJ | CONTROL JOINT | GEN | GENERAL | NOM | NOMINAL | SYM | SYMMETRICAL |
| CLG | CEILING | GL | GLASS / GLAZE (ED) (ING) | NRC | NOISE REDUCTION COEFFICIENT | SYP | SOUTHERN YELLOW PINE |
| CMU | CONCRETE MASONRY UNIT | GR | GRADE (ED) | NS | NON-SHRINK | | |
| CO | CLEANOUT | GWB | GYPSUM WALLBOARD | NTS | NOT TO SCALE | T | TOP / TREAD |
| COL | COLUMN | GWT | GLAZED WALL TILE | | | T&B | TOP AND BOTTOM |
| CONC | CONCRETE | GYP | GYPSUM | OA | OVERALL | T&G | TONGUE AND GROOVE |
| COND | CONDITION / CONDUCTIVE | | | OC | ON CENTER | TA | TOILET ACCESSORY |
| CONF | CONFERENCE | H | HIGH / HEIGHT | OD | OUTSIDE DIAMETER / OUTSIDE DIMENSION | TB | TACKBOARD / TELEPHONE BOOTH |
| CONST | CONSTRUCT (ION) | HB | HOSE BIBB | | | TEL | TELEPHONE |
| CONT | CONTINUOUS (LY) | HDBD | HARDBOARD | OF | OVERFLOW / OUTSIDE FACE | THK | THICK (NESS) |
| CONTR | CONTRACT (OR) (ION) | HC | HOLLOW CORE | OFF | OFFICE | THRU | THROUGH |
| CORR | CORRIDOR | HD | HEAD / HUB DRAIN | OH | OPPOSITE HAND | TOC | TOP OF CONCRETE / TOP OF CURB |
| CTSK | COUNTERSINK | HDR | HEADER | OPNG | OPENING | TOS | TOP OF SLAB / TOP OF STRUCTURE |
| CT | CERAMIC TILE | HDW | HARDWARE | OPP | OPPOSITE | TOW | TOP OF WALL |
| CTG | COATING | HM | HOLLOW METAL | OZ | OUNCE | TV | TELEVISION |
| CTR | COUNTER | HORIZ | HORIZONTAL | | | TYP | TYPICAL |
| CW | COLD WATER | HP | HIGH POINT | P | PIPE / PHILLIPS | | |
| | | HR | HOUR | PAVMT | PAVEMENT | UL | UNDERWRITERS' LABORATORY |
| DEPT | DEPARTMENT | HTG | HEATING | PERP | PERPENDICULAR | UNF | UNFINISHED |
| DET | DETAIL (ED) | HTR | HEATER | PFAB | PREFABRICATE (ED) (ION) | UNO | UNLESS NOTED OTHERWISE |
| DF | DRINKING FOUNTAIN | HVAC | HEATING, VENTILATION AND AIR CONDITIONING | PL | PLATE / PROPERTY LINE | UTIL | UTILITY |
| DI | DROP INLET | | | PLAS | PLASTIC / PLASTER | | |
| DIA | DIAMETER | HW | HOT WATER | PLAM | PLASTIC LAMINATE | V | VACUUM / VENT (ED) (ILATOR) |
| DIM | DIMENSION (ED) | | | P.LBG | P.LUMBING | VB | VAPOR BARRIER |
| DISP | DISPENSER | ID | INSIDE DIAMETER / INSIDE DIMENSION | | | VCT | VINYL COMPOSITION TILE |
| DIV | DIVISION | | | PLYWD | PLYWOOD | VERT | VERTICAL |
| DN | DOWN | IN | INCH | PNL | PANEL | VEST | VESTIBULE |
| DR | DRAIN / DOOR | INCL | INCLUDE | PP | POWER POLE | VOL | VOLUME |
| DRWG | DRAWING | INFO | INFORMATION | PR | PAIR | | |
| DS | DOWNSPOUT | INS | INSULATE (ED) (ING) (ION) | PSF | POUNDS PER SQUARE FOOT | W | WATER / WEST / WIDE / WIDTH |
| DW | DUMBWAITER / DISHWASHER | INST | INSTALL (ED) (ATION) | PSI | POUNDS PER SQUARE INCH | W/ | WITH |
| DWR | DRAWER | INT | INTERIOR | PT | POINT (ED) / PAINT (ED) (ING) | WC | WATER CLOSET |
| | | INV | INVERT (ED) | PVC | POLYVINYL CHLORIDE | WD | WOOD |
| E | EAST | | | | | WDW | WINDOW |
| EA | EACH | KO | KNOCKOUT | QT | QUARRY TILE | WH | WALL HYDRANT / WATER HEATER |
| EB | EXPANSION BOLT | KP | KICK PLATE | | | W/O | WITHOUT |
| EJ | EXPANSION JOINT | KS | KNEE SPACE | | RISER | WP | WATERPROOF / WEATHERPROOF |
| EL | ELEVATE (ED) (ION) | | | RCP | REINFORCED CONCRETE PIPE | WR | WATER RESISTANT |
| ELEC | ELECTRIC (AL) | L | LONG / LENGTH / LITERS | RD | ROOF DRAIN | WS | WEATHER STRIPPING / WOOD SCREW |
| ELEV | ELEVATOR | LAM | LAMINATE (ED) (ION) | RE: | REFER TO | WT | WATERTIGHT / WEIGHT |
| EQ | EQUAL (LY) | LAV | LAVATORY | RECPT | RECEPTION / RECEPTACLE | WWF | WELDED WIRE FABRIC |
| EQUIP | EQUIPMENT | | | | | | |

**National Accounts Quick Reference Sheet**

| Equipment | Supplier | Contact Person | Email Address | Contact Phone |
|---|---|---|---|---|
| Automatic Doors | Assa-Abloy / Besam | Jessica Shane | Jessica.Shane@assaabloy.com | (609) 249-9498 |
| Dock Doors, Seals, and Dock Leveler | Overhead Door | Scott Greer | Scott_Greer@OverheadDoor.com | (469) 549-7187 |
| Hand Dryers | George Scott & Assoc | Bill Scott | bill.scott@gsacllt.com | (704) 376-4775 |
| Hollow Metal Doors & Hardware | BA Hoft | Joseph Holland | jholland@bahoft.com | (919) 596-4446 |
| HVAC System/ Energy Management/ Environmental Control | Sesco/ McNamara | Erin Mariano<br>Penny Shepherd | erin.mariano@trs-sesco.com | (336) 996-2220 |
| Interior Light Package | Sylvania Lighting | Lisa Mastin | lisab.mastin@osram.com | (800) 579-1514 |
| Pow er Wall | CD Controls | Ed Rios | edrios@cdcontrols.com | (540) 292-0779<br>(706) 356-0325 |
| Sinks | John Boos | Michelle Harrelson/Lisa Windle | cs1@hefcollc.com; cs4@hefcollc.com | (800) 327-1817 |
| Site Lighting Package | LSD (Food Lion) | Rick Donald | rickdonald@lightingsolutions-design.com | (804) 357-7840 |
| Traffic Doors | Hefco | Michelle Harrelson/Lisa Windle | cs1@hefcollc.com; cs4@hefcollc.com | (800) 327-1817 |
| Vinyl Composition Tile (VCT) | Armstrong | Lien Q. Chu | lqchu@armstrongflooring.com | (202) 253-2088 |
| Vestibule Carpet | Portico Systems | Steve Harrison/Bill Long | SHarrison@porticosystems.com; blong@porticosystems.com | (864) 527-3148 |
| Water Fountains, Water Heaters, stands, and aquastat (Thermastore) | WW Grainger | Natalie Lebron | Natalie.Lebron@grainer.com | (704) 280-7061 |

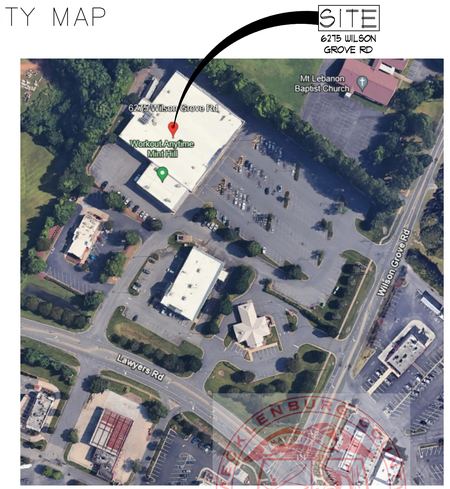
## GRAPHIC AND MATERIAL INDICATIONS:

EARTH
GRAVEL
CONCRETE
CMU
GRANITE
STEEL
BRICK
BATT INSUL.
RIGID INSULATION
ROUGH WOOD
FINISHED WOOD
PLYWOOD
PLASTER/GYPSUM WALL BOARD
CERAMIC TILE
FENCE
SITE LIMIT LINE
PROPERTY LINE (PL)
CENTER LINE, FLOOR LINE ON EXT. ELEV.,PROJECTED LINES

NEW CONTOUR
EXISTING CONTOUR
NEW SPOT ELEVATION (101)
EXISTING SPOT ELEVATION
SLOPE, FLOW DIRECTION
TOW ELEV. TOP OF WALL ELEVATION
TOC ELEV. TOP OF CURB ELEVATION
CMU WALL CONTROL JOINT
A TOILET ACCESS. NO.
1 / A5.01 EXTERIOR/INTERIOR ELEVATION DESIGNATION
1 / A5.01 SECTION DESIGNATION
1 / A5.01 DETAIL DESIGNATION
1 / A5.01 DETAIL — SCALE: 1/4" = 1'-0" — SECTION OR DETAIL IDENTIFICATION

PROJECT NORTH
T. O. PARAPET EL=16'-10" A.F.F. — LEVEL OR FIN. FL. LINE
1 / 1 COLUMN REFERENCE
OFFICE 101 ROOM OR SPACE DESIGNATION
ROOM OR SPACE DESIGNATION
101 DOOR NUMBER
3 WINDOW TYPE
1 REVISION
1A PARTITION TYPE
<04435> REFER TO SPECIFICATION SECTION

## VICINITY MAP




## NOTES:

1. THE GENERAL CONTRACTOR SHALL DOWNLOAD THEIR DRAWINGS & SUPPORT PACKAGE (PROJECT MANUAL, REFRIGERATION SUMMARY, ASBESTOS SURVEY, ROOF SURVEY, DRAIN & ELECTRICAL DEFICIENCIES REPORTS (BY CRESCENT) VIA WWW.PMWEB.COM.

   FOR QUESTIONS OR SUPPORT CONTACT: SHANA HINES AT PHONE #704-310-4218 OR SHANA.HINES@RETAILBUSINESSSERVICES.COM

2. GENERAL CONTRACTOR TO VERIFY WITH LOCAL AUTHORITIES AND OBTAIN/PURCHASE ANY NOISE ORDINANCE PERMITS REQUIRED.

3. GENERAL CONTRACTOR IS RESPONSIBLE FOR PICKING UP PERMIT AND PAYING FOR ANY OUTSTANDING FEES RELATED WITH THE PERMIT. THE ARCHITECTS WILL SUBMIT DRAWINGS FOR PERMITTING AND PAY FOR THE PERMIT REVIEW FEE ONLY.


ARCHITECTURAL:

**Alliance Architecture of the Triad, PC**
**2601 Pilgrim Court, Suite 130**
**Winston-Salem, North Carolina 27106**
**Ph. (336) 722-4447**

STRUCTURAL:

**Arp Engineering, Inc.**
**P.O. Box 587**
**Monroe, North Carolina 28111**
**Ph. (704) 225-0079**

PLUMBING, MECHANICAL, & ELECTRICAL ENGINEERING:

**Page Interworks P.A. Engineers & Consultants**
**923 Main Street**
**North Wilkesboro, North Carolina 28659**
**Ph. (336) 667-4225**
**Fax (336) 667-4332**


## INDEX OF DRAWINGS:

| | | | REVISIONS NUMBER | REVISIONS DATE |
|---|---|---|---|---|
| | | COVER SHEET | | |
| 01 | CS-1 | COVER SHEET | 2 | 09/13/24 |
| 02 | CS-2A | CODE SUMMARY (SHEETS 1-6) | 2 | 09/13/24 |
| 03 | CS-2B | CODE SUMMARY (SHEETS 7-10) | | |
| 04 | CS-3 | LIFE SAFETY PLAN | | |
| | | ARCHITECTURAL | | |
| 05 | A0.02 | EXISTING EQUIPMENT PLAN | | |
| 06 | A0.03 | ARCHITECTURAL DEMOLITION PLAN | | |
| 07 | A1.01 | REVISED EQUIPMENT PLAN | | |
| 08 | A1.02 | SLAB / FOUNDATION PLAN | | |
| 09 | A1.03 | FLOOR PLAN | | |
| 10 | A1.04 | REFLECTED CEILING PLAN | | |
| 11 | A1.05 | FLOOR FINISH PLAN | | |
| 12 | A2.01 | EXTERIOR ELEVATIONS | | |
| 13 | A2.02 | INTERIOR ELEVATIONS | | |
| 14 | A3.01 | WALL SECTIONS & DETAILS | | |
| 15 | A3.02 | WALL SECTIONS & DETAILS | | |
| 16 | A4.01 | ENLARGED DELI/BAKERY EQUIPMENT PLAN | | |
| 17 | A4.04 | ENLARGED VESTIBULE & CUSTOMER SERVICE PLANS & DETAILS | | |
| 18 | A4.06 | ENLARGED OFFICES & LOUNGE PLANS & DTLS | | |
| 19 | A6.01 | ROOM FINISH SCHEDULE | | |
| 20 | A6.02 | DOOR AND WINDOW FINISH SCHEDULES | 2 | 09/13/24 |
| | | STRUCTURAL | | |
| 21 | S1.02 | STRUCTURAL ROOF FRAMING PLAN | | |
| 22 | S5.01 | STRUCTURAL DETAILS | | |
| | | PLUMBING | | |
| 23 | P0.01 | PLUMBING DEMOLITION PLAN | | |
| 24 | P1.01 | SANITARY SEWER AND DRAIN PLAN | | |
| 25 | P1.02 | REFRIGERATION PIT AND CONDUIT PLAN | | |
| 26 | P1.03 | WATER PIPING PLAN | | |
| 27 | P5.01 | PLUMBING DETAILS | | |
| 28 | P6.01 | PLUMBING SCHEDULES AND DETAILS | | |
| | | MECHANICAL | | |
| 29 | M4.01 | ENLARGED DELI/BAKERY MECHANICAL PLAN | | |
| 30 | M4.02 | DELI HOOD DETAILS | | |
| 31 | M4.03 | DELI HOOD DETAILS | | |
| | | ELECTRICAL | | |
| 32 | E0.01 | ELECTRICAL DEMOLITION PLAN | | |
| 33 | E1.01 | LIGHTING PLAN | | |
| 34 | E1.02 | POWER PLAN | 1 | 09/11/24 |
| 35 | E1.03 | REFRIGERATION ELECTRICAL PLAN | | |
| 36 | E2.01 | ELECTRICAL ELEVATIONS & DETAILS | | |
| 37 | E4.01 | ENLARGED DELI / BAKERY ELECTRICAL PLAN | 1 | 09/11/24 |
| 38 | E4.02 | CUSTOMER SERVICE, WORKROOM & CHECK OUT POWER PLAN | | |
| 39 | E4.03 | CUSTOMER SERVICE, WORKROOM & CHECK OUT COMMUNICATION PLAN | | |
| 40 | E5.01 | ELECTRICAL DETAILS | | |
| 41 | E6.01 | PANELBOARD SCHEDULES | | |
| 42 | E6.02 | ELECTRICAL SCHEDULES & DIAGRAMS | | |
| 43 | E6.03 | EMS LOAD SCHEDULE | | |
| 44 | E6.04 | ELECTRICAL SINGLE LINE DIAGRAM & NOTES | | |

## STRUCTURAL STEEL:

| | |
|---|---|
| L | ANGLE |
| M | M SHAPE |
| MC | MISCELLANEOUS CHANNEL |
| MT | TEE CUT FROM M SHAPE |
| PL | PLATE |
| S | S SHAPE |
| TS | STRUCTURAL TUBING |
| W | W SHAPE |
| WT | TEE CUT FROM W SHAPE |

## SYMBOLS LEGEND:

| | |
|---|---|
| & | AND |
| @ | AT |
| ℄ | CENTER LINE |
| ¢ | PENNY |
| # | POUND / NUMBER |
| ⊥ | PERPENDICULAR |
| ø | ROUND/DIAMETER/PHASE |
| □ | SQUARE |

**BUILDING review APPROVED AS NOTED 09/17/2024**
**by Building Plans Examiner**
**Mecklenburg County Code Enforcement**
**If you have any question about the required type of inspections, please contact the appropriate inspections team which is listed on your permit.**
**Residential & Mega Team: 980-314-3501**
**Commercial Team: 980-314-3134**

**The issuance of a permit or approval of plans or specifications shall not be deemed or construed to be a permit or an approval of any violation of any of the provisions of the North Carolina State Building Codes or local ordinances.**

Fire review approved as noted by
Joseph Killen
Fire Plans Examiner
Mecklenburg County Code Enforcement

The Mecklenburg County Fire Marshal's Office is required to inspect and verify this project conforms to the N.C. State Fire Prevention Code before the Code Enforcement Department will issue the Certificate of Occupancy. To schedule any inspection contact your assigned Assistant Fire Marshal for your area prior to occupancy.

**The Fire Marshal assigned to this project is**
**Assistant Fire Marshal**
**Joseph Killen**
**(980) 314-3072**
**joseph.killen@mecklenburgcountync.gov**

**NOTICE**
**Above Ceiling Inspection**
**The Mecklenburg County Fire Marshal's Office is required, prior to ceiling installation, to inspect and verify that the fire sprinkler system is in compliance with the N.C. State Fire Prevention Code, and applicable NFPA Standard. To schedule the inspection contact your assigned Assistant Fire Marshal for your area.**


MECKLENBURG COUNTY CODE ENFORCEMENT

The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.


NOTE:
SEE SHEET CS-2 FOR SEISMIC DESIGN CATEGORY FOR THIS PROJECT. THE GENERAL CONTRACTOR AND EACH PRIME TRADE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THAT ALL COMPONENTS ARE CONSTRUCTED / INSTALLED TO MEET THE REQUIREMENTS OF THE SPECIFIED SEISMIC DESIGN CATEGORY. THE GENERAL CONTRACTOR AND EACH PRIME TRADE CONTRACTOR TO SUBMIT MANUFACTURER'S STANDARD SEISMIC DETAILS / SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION. THE GENERAL CONTRACTOR AND EACH PRIME TRADE CONTRACTOR TO SUBMIT WRITTEN STATEMENT TO OWNER / DESIGN TEAM PRIOR TO COMMENCEMENT OF WORK ACKNOWLEDGING REQUIREMENT FOR COMPLIANCE WITH ALL SEISMIC REQUIREMENTS. NO CHANGE ORDERS WILL BE ACCEPTED FOR SEISMIC COMPLIANCE.


ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447


PROFESSIONAL'S SEAL:

NORTH CAROLINA REGISTERED — 5809 — ANDREW J. LOPINA

CORPORATE SEAL:

ALLIANCE ARCHITECTURE OF THE TRIAD PC — LICENSE NO. 50943 — NORTH CAROLINA — WINSTON-SALEM, NC

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|
| 1 | 09/11/24 | INSPECTION COMMENTS |
| 2 | 09/13/24 | INSPECTION COMMENTS |

ahold delhaize USA

FOOD LION

2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
fax: 704.636.5030

Food Lion is an AHOLD DELHAIZE company.

FOOD LION
REMODEL
STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 08/21/2024

01 OF 44

**CS-1**
COVER SHEET

CHECKED: AJL DRAWN: VPS

FILE NAME: E:\JOBS\24038 - FOOD LION #2216-MINT HILL NC\2216CS-1_A.DWG Sep 13, 2024 - 8:29am

# 2018 APPENDIX B
# BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
**(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)**
(Reproduce the following data on the building plans sheet 1 or 2)

Name of Project: Food Lion #2216 Renovation
Address: 6275 Wilson Grove Road, Mint Hill, NC Zip Code 28217
Owner/Authorized Agent: Amanda Edwards Phone # ( 704 ) 310 - 3746 E-Mail Amanda.Edwards@adusa.com
Owned By: ☐ City/County ☒ Private ☐ State
Code Enforcement Jurisdiction: ☐ City_____ ☒ County Mecklenburg ☐ State

**CONTACT:** Andrew J. Lopina, AIA

| DESIGNER | FIRM | NAME | LICENSE # | TELEPHONE # | E-MAIL |
|---|---|---|---|---|---|
| Architectural | Alliance Arch. of the Triad, PC | Andrew Lopina | 7188 | ( 336 ) 722-4447 | alopina@alliancetriad.com |
| Civil | | | | ( ) | |
| Electrical | Page Interworks, P.A. | Carl Page | 16375 | ( 336 ) 667-4225 | cpage@pageinterworks.com |
| Fire Alarm | | | | ( ) | |
| Plumbing | Page Interworks, P.A. | Ryan Crawford | 42587 | ( 336 ) 667-4225 | rcrawford@pageinterworks.com |
| Mechanical | Page Interworks, P.A. | Ryan Crawford | 42587 | ( 336 ) 667-4225 | rcrawford@pageinterworks.com |
| Sprinkler-Standpipe | | | | ( ) | |
| Structural | Arp Engineering, Inc. | L. Dean Arp, Jr. | 18427 | ( 704 ) 225-0079 | dean@arpeng.com |
| Retaining Walls >5' High | | | | ( ) | |
| Other | | | | ( ) | |

("Other" should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

**2018 NC BUILDING CODE:** ☐ New Building ☐ Addition ☐ Renovation
☐ 1st Time Interior Completion
☐ Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements
☐ Phased Construction - Shell/Core- Contact the local inspection jurisdiction for possible additional procedures and requirements

**2018 NC EXISTING BUILDING CODE: EXISTING:** ☐ Prescriptive ☐ Repair ☐ Chapter 14
Alteration: ☐ Level I ☐ Level II ☒ Level III
☐ Historic Property ☐ Change of Use

**CONSTRUCTED:** (date) 1963 **CURRENT OCCUPANCY(S)** (Ch. 3): Mercantile
**RENOVATED:** (date) 2015 **PROPOSED OCCUPANCY(S)** (Ch. 3): Mercantile

**RISK CATEGORY** (Table 1604.5): **Current:** ☐ I ☒ II ☐ III ☐ IV
**Proposed:** ☐ I ☒ II ☐ III ☐ IV

**BASIC BUILDING DATA**
**Construction Type:** ☐ I-A ☐ II-A ☐ III-A ☐ IV ☐ V-A
(check all that apply) ☐ I-B ☒ II-B ☐ III-B ☐ V-B
**Sprinklers:** ☐ No ☐ Partial ☒ Yes ☒ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
**Standpipes:** ☒ No ☐ Yes Class ☐ I ☐ II ☐ III ☐ Wet ☐ Dry
**Fire District:** ☒ No ☐ Yes **Flood Hazard Area:** ☒ No ☐ Yes
**Special Inspections Required:** ☒ No ☐ Yes (Contact the local inspection jurisdiction for additional procedures and requirements.)



**Gross Building Area Table**

| FLOOR | EXISTING (SQ FT) | NEW (SQ FT) | SUB-TOTAL |
|---|---|---|---|
| 3rd Floor | | | |
| 2nd Floor | | | |
| Mezzanine | | | |
| 1st Floor | 37,916 | | 37,916 |
| Basement | | | |
| TOTAL | 37,916 | | 37,916 |

AREA OF THIS PROJECT 27,585 (SQ FT) ALLOWABLE AREA 2

**Primary Occupancy Classification(s):**
Assembly ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
Business ☒
Educational ☐
Factory ☐ F-1 Moderate ☐ F-2 Low
Hazardous ☐ H-1 Detonate ☐ H-2 Deflagrate ☐ H-3 Combust ☐ H-4 Health ☐ H-5 HPM
Institutional ☐ I-1 Condition ☐ 1 ☐ 2
☐ I-2 Condition ☐ 1 ☐ 2
☐ I-3 Condition ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
☐ I-4
Mercantile ☒
Residential ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
Storage ☒ S-1 Moderate ☐ S-2 Low ☐ High-piled
☐ Parking Garage ☐ Open ☐ Enclosed ☐ Repair Garage
Utility and Miscellaneous ☐

**Accessory Occupancy Classification(s):** _____
**Incidental Uses** (Table 509): _____
**Special Uses (Chapter 4 – List Code Sections):** _____
**Special Provisions: (Chapter 5 – List Code Sections):** _____
**Mixed Occupancy:** ☐ No ☒ Yes Separation: ____ Hr. Exception: _____

☒ Non-Separated Use (508.3) - The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

☐ Separated Use (508.4) - See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$$

_____ + _____ + ..... = _____ ≤ 1.00



| STORY NO. | DESCRIPTION AND USE | (a) BLDG AREA PER STORY (ACTUAL) | (b) TABLE 506.2[4] AREA | (c) AREA FOR FRONTAGE INCREASE[1,5] | (D) ALLOWABLE AREA PER STORY OR UNLIMITED[2,3] |
|---|---|---|---|---|---|
| 1 | MERCANTILE | 37,916 | 50,000 | | |
| | | | | | |
| | | | | | |
| | | | | | |

[1] Frontage area increases from Section 506.3 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. W = Minimum width of public way = (W)
e. Percent of frontage increase $I_f = 100[F/P - 0.25] \times W/30$ = _____ (%)
[2] Unlimited area applicable under conditions of Section 507.
[3] Maximum Building Area = total number of stories in the building x D (maximum3 stories) (506.2).
[4] The maximum area of open parking garages must comply with Table 406.5.4.
[5] Frontage increase is based on the unsprinklered area value in Table 506.2.

**ALLOWABLE HEIGHT**

| | ALLOWABLE | SHOWN ON PLANS | CODE REFERENCE[1] |
|---|---|---|---|
| Building Height in Feet (Table 504.3) [2] | 75'-0" | 30'-10" | |
| Building Height in Stories (Table 504.4) [3] | 3 | 1 | |

[1] Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.
[2] The maximum height of air traffic control towers must comply with Table 412.3.1.
[3] The maximum height of open parking garages must comply with Table 406.5.4.



**FIRE PROTECTION REQUIREMENTS**

| BUILDING ELEMENT | FIRE SEPARATION DISTANCE (FEET) | RATING REQ'D | RATING PROVIDED (W/ _____ * REDUCTION) | DETAIL # AND SHEET # | DESIGN # FOR RATED ASSEMBLY | SHEET # FOR RATED PENETRATION | SHEET # FOR RATED JOINTS |
|---|---|---|---|---|---|---|---|
| Structural Frame, including columns, girders, trusses | >30 | 0 | 0 (Existing) | --- | --- | --- | --- |
| Bearing Walls | N/A | 0 | 0 (Existing) | --- | --- | --- | --- |
| Exterior | N/A | 0 | 0 (Existing) | --- | --- | --- | --- |
| North | N/A | 0 | N/A | --- | --- | --- | --- |
| East | >30 | 0 | 0 (Existing) | --- | --- | --- | --- |
| West | >30 | 0 | 0 (Existing) | --- | --- | --- | --- |
| South | N/A | 0 | N/A | --- | --- | --- | --- |
| Interior | N/A | 0 | N/A | --- | --- | --- | --- |
| Nonbearing Walls and Partitions | | | | | | | |
| Exterior walls | N/A | 0 | (Existing) | --- | --- | --- | --- |
| North | >30 | 0 | (Existing) | --- | --- | --- | --- |
| East | N/A | 0 | N/A | --- | --- | --- | --- |
| West | N/A | 0 | N/A | --- | --- | --- | --- |
| South | 0 | 0 | (Existing) | --- | --- | --- | --- |
| Interior walls and partitions | N/A | 0 | N/A | --- | --- | --- | --- |
| Floor Construction Including supporting beams and joists | | 0 | 0 (Existing) | --- | --- | --- | --- |
| Floor Ceiling Assembly | | 0 | 0 (Existing) | --- | --- | --- | --- |
| Columns Supporting Floors | | 0 | 0 (Existing) | --- | --- | --- | --- |
| Roof Construction, including supporting beams and joists | | 0 | 0 (Existing) | --- | --- | --- | --- |
| Roof Ceiling Assembly | | 0 | 0 (Existing) | --- | --- | --- | --- |
| Columns Supporting Roof | | 0 | 0 (Existing) | --- | --- | --- | --- |
| Shaft Enclosures - Exit | | N/A | N/A | --- | --- | --- | --- |
| Shaft Enclosures - Other | | N/A | N/A | --- | --- | --- | --- |
| Corridor Separation | | N/A | N/A | --- | --- | --- | --- |
| Occupancy/Fire Barrier Separation | | N/A | N/A | --- | --- | --- | --- |
| Party/Fire Wall Separation | | N/A | N/A | --- | --- | --- | --- |
| Smoke Barrier Separation | | N/A | N/A | --- | --- | --- | --- |
| Smoke Partition | | N/A | N/A | --- | --- | --- | --- |
| Tenant/Dwelling Unit/ Sleeping Unit Separation | | N/A | N/A | --- | --- | --- | --- |
| Incidental Use Separation | | N/A | N/A | --- | --- | --- | --- |

* Indicate section number permitting reduction



MECKLENBURG COUNTY
CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North

**PERCENTAGE OF WALL OPENING CALCULATIONS**

| FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES | DEGREE OF OPENINGS PROTECTION (TABLE 705.8) | ALLOWABLE AREA (%) | ACTUAL SHOWN ON PLANS (%) |
|---|---|---|---|
| | | | |
| | | | |
| | | | |

*No change to existing wall opening percentages

**LIFE SAFETY SYSTEM REQUIREMENTS**

Emergency Lighting: ☐ No ☒ Yes
Exit Signs: ☐ No ☒ Yes
Fire Alarm: ☐ No ☒ Yes
Smoke Detection Systems: ☐ No ☒ Yes ☐ Partial _____
Carbon Monoxide Detection: ☒ No ☐ Yes

**LIFE SAFETY PLAN REQUIREMENTS**

Life Safety Plan Sheet #: CS-3

☐ Fire and/or smoke rated wall locations (Chapter 7)
☐ Assumed and real property line locations (if not on the site plan)
☐ Exterior wall opening area with respect to distance to assumed property lines (705.8)
☒ Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
☒ Occupant loads for each area
☒ Exit access travel distances (1017)
☒ Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
☐ Dead end lengths (1020.4)
☒ Clear exit widths for each exit door
☒ Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
☒ Actual occupant load for each exit door
☐ A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
☒ Location of doors with panic hardware (1010.1.10)
☒ Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
☐ Location of doors with electromagnetic egress locks (1010.1.9.9)
☐ Location of doors equipped with hold-open devices
☐ Location of emergency escape windows (1030)
☐ The square footage of each fire area (202)
☐ The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
☐ Note any code exceptions or table notes that may have been utilized regarding the items above



**ACCESSIBLE DWELLING UNITS**
(SECTION 1107)

| TOTAL UNITS | ACCESSIBLE UNITS REQUIRED | ACCESSIBLE UNITS PROVIDED | TYPE A UNITS REQUIRED | TYPE A UNITS PROVIDED | TYPE B UNITS REQUIRED | TYPE B UNITS PROVIDED | TOTAL ACCESSIBLE UNITS PROVIDED |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

**ACCESSIBLE PARKING**
(SECTION 1106)

| LOT OR PARKING AREA | TOTAL # OF PARKING SPACES | | # OF ACCESSIBLE SPACES PROVIDED | | | TOTAL # ACCESSIBLE PROVIDED |
|---|---|---|---|---|---|---|
| | REQUIRED | PROVIDED | REGULAR WITH 5' ACCESS AISLE | VAN SPACES WITH 132" ACCESS AISLE | VAN SPACES WITH 8' ACCESS AISLE | |
| | | | | | | |
| | | | | | | |
| TOTAL | | | | | | |

*No change to existing shared parking

**PLUMBING FIXTURE REQUIREMENTS**
**(TABLE 2902.1)**

| USE | | WATERCLOSETS | | | URINALS | LAVATORIES | | | SHOWERS /TUBS | DRINKING FOUNTAINS | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MALE | FEMALE | UNISEX | | MALE | FEMALE | UNISEX | | REGULAR | ACCESSIBLE |
| SPACE | EXIST'G | 2 | 3 | | 1 | 2 | 2 | | | 1 | 1 |
| | NEW | | | | | | | | | | |
| | REQ'D | 1 | 1 | | | 1 | 1 | | | 1 | 1 |

**SPECIAL APPROVALS**

**Special approval:** (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

_____

_____



ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336.722.4447

PROFESSIONAL'S SEAL:
NORTH CAROLINA REGISTERED SEAL 7188 ARCHITECT ANDREW J. LOPINA
11/13/2024

CORPORATE SEAL:
ALLIANCE ARCHITECTURE OF THE TRIAD PC REGISTERED ARCHITECTURAL CORPORATION LICENSE NO. 50943 NORTH CAROLINA WINSTON-SALEM NC

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|
| 2 | 09/13/24 | INSPECTION COMMENTS |

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
(telephone: 704.633.8250)
Food Lion is an AHOLD DELHAIZE company.

FOOD LION REMODEL
STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 08/21/2024
02 OF 44
CS-2A
CODE SUMMARY NOTES

CHECKED: AJL DRAWN: VPS

FILE NAME: E:\JOBS\24038 - FOOD LION #2216-MINT HILL NC\2216CS-2A_A.DWG Sep 13, 2024 - 8:47am

*NO CHANGE TO EXISTING THERMAL ENVELOPE

**ENERGY SUMMARY**

**ENERGY REQUIREMENTS:**
The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

**Existing building envelope complies with code:** ☒ No ☐ Yes (The remainder of this section is not applicable)

**Exempt Building:** ☐ No ☒ Yes (Provide code or statutory reference): NC-ECC - C501.2 Existing Buildings

**Climate Zone:** ☒ 3A ☐ 4A ☐ 5A

**Method of Compliance:** Energy Code ☒ Performance ☐ Prescriptive
ASHRAE 90.1 ☐ Performance ☐ Prescriptive
(If "Other" specify source here)_____

**THERMAL ENVELOPE** (Prescriptive method only)

**Roof/ceiling Assembly** (each assembly)
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____
Skylights in each assembly: _____
U-Value of skylight: _____
total square footage of skylights in each assembly: _____

**Exterior Walls** (each assembly)
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____
Openings (windows or doors with glazing)
U-Value of assembly: _____
Solar heat gain coefficient: _____
projection factor: _____
Door R-Values: _____

**Walls below grade** (each assembly)
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____

**Floors over unconditioned space** (each assembly)
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____

**Floors slab on grade**
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____
Horizontal/vertical requirement: _____
slab heated: _____



# 2018 APPENDIX B
# BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

**STRUCTURAL DESIGN**
**(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)**

**DESIGN LOADS:** *NO CHANGE TO EXISTING STRUCTURAL

**Importance Factors:** Snow ($I_S$) 1.0
Seismic ($I_E$) 1.0

**Live Loads:** Roof 20 psf
Mezzanine N/A psf
Floor N/A psf

**Ground Snow Load:** 10 psf

**Wind Load:** Ultimate Wind Speed 115 mph (ASCE-7)
Exposure Category C

**SEISMIC DESIGN CATEGORY:** ☐ A ☒ B ☐ C ☐ D
Provide the following Seismic Design Parameters:
**Risk Category** (Table 1604.5) ☐ I ☒ II ☐ III ☐ IV
**Spectral Response Acceleration** $S_S$ 19.9 %g $S_1$ 8.2 %g
**Site Classification** (ASCE 7) ☐ A ☐ B ☐ C ☒ D ☐ E ☐ F
Data Source: ☐ Field Test ☒ Presumptive ☐ Historical Data
**Basic structural system** ☐ Bearing Wall ☐ Dual w/Special Moment Frame
☐ Building Frame ☐ Dual w/Intermediate R/C or Special Steel
☐ Moment Frame ☐ Inverted Pendulum
**Analysis Procedure:** ☐ Simplified ☐ Equivalent Lateral Force ☐ Dynamic
**Architectural, Mechanical, Components anchored?** ☐ Yes ☒ No

**LATERAL DESIGN CONTROL:** Earthquake ☐ Wind ☒

**SOIL BEARING CAPACITIES:**
Field Test (provide copy of test report) _____ psf
Presumptive Bearing capacity 2,000 psf
Pile size, type, and capacity _____

MECKLENBURG COUNTY NORTH CAROLINA
MECKLENBURG COUNTY
CODE ENFORCEMENT
Approved For Construction
Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.



# 2018 APPENDIX B
# BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

**MECHANICAL DESIGN**
**(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)**

*SEE MECHANICAL SHEETS

**MECHANICAL SUMMARY**

**MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT**

**Thermal Zone**
winter dry bulb: _____
summer dry bulb: _____

**Interior design conditions**
winter dry bulb: _____
summer dry bulb: _____
relative humidity: _____

**Building heating load:** _____

**Building cooling load:** _____

**Mechanical Spacing Conditioning System**
Unitary
description of unit: _____
heating efficiency: _____
cooling efficiency: _____
size category of unit: _____
Boiler
Size category. If oversized, state reason.: _____
Chiller
Size category. If oversized, state reason.: _____

**List equipment efficiencies:** _____



# 2018 APPENDIX B
# BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

**ELECTRICAL DESIGN**
**(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)**

*SEE ELECTRICAL SHEETS

**ELECTRICAL SUMMARY**

**ELECTRICAL SYSTEM AND EQUIPMENT**

**Method of Compliance:** Energy Code ☐ Performance ☐ Prescriptive
ASHRAE 90.1 ☐ Performance ☐ Prescriptive

**Lighting schedule** (each fixture type)
lamp type required in fixture
number of lamps in fixture
ballast type used in the fixture
number of ballasts in fixture
total wattage per fixture
total interior wattage specified vs. allowed (whole building or space by space)
total exterior wattage specified vs. allowed

**Additional Efficiency Package Options**
**(When using the 2018 NCECC; not required for ASHRAE 90.1)**
☐ C406.2 More Efficient HVAC Equipment Performance
☐ C406.3 Reduced Lighting Power Density
☐ C406.4 Enhanced Digital Lighting Controls
☐ C406.5 On-Site Renewable Energy
☐ C406.6 Dedicated Outdoor Air System
☐ C406.7 Reduced Energy Use in Service Water Heating



ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:




CORPORATE SEAL:




REVISIONS

| NO | DATE | REMARKS |
|---|---|---|
| – | –/–/– | COMMENTS |

ahold delhaize USA

FOOD LION

2110 Executive Drive, Salisbury, NC 28145
Telephone: 704.633.8250
www.foodlion.com

Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL
# STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

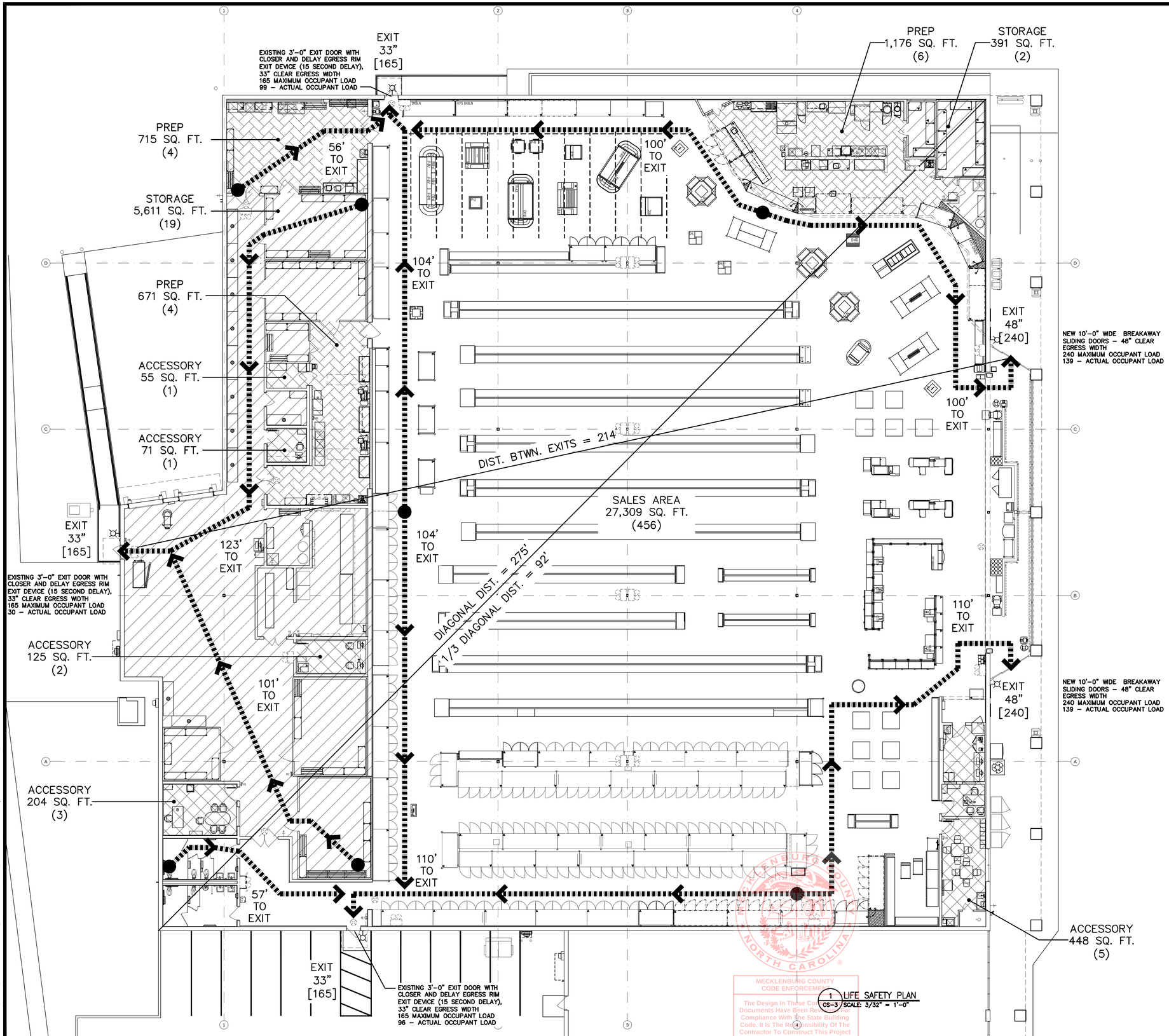
PROJECT NO: 2216FLMK24
DATE: 08/21/2024

03 OF 44

# CS-2B
CODE SUMMARY NOTES

CHECKED: AJL DRAWN: VPS

FILE NAME: E:\JOBS\24038 – FOOD LION #2216-MINT HILL NC\2216CS-2B_A.DWG Aug 17, 2024 – 3:17pm




1 LIFE SAFETY PLAN
CS-3 SCALE: 3/32" = 1'-0"

| OCCUPANT LOAD | PER TABLE 1004.5, 2018 NCBC | | |
|---|---|---|---|
| OCCUPANT TYPE | GROSS AREA | SF/PERSON | ALLOWABLE LOAD |
| PREP | 2,562 SF | 200 | (14)13 OCCUPANTS |
| STORAGE | 6,002 SF | 300 | 21 OCCUPANTS |
| ACCESSORY (ASSEMBLY –DESK / CHAIRS) | – SF | 15 | – OCCUPANTS |
| ACCESSORY (OFFICE USE) | 903 SF | 100 | (12)10 OCCUPANTS |
| SALES AREA | 27,309 SF | 60 | 456 OCCUPANTS |
| TOTAL | 36,776 SF | | 503 OCCUPANTS |

LEGEND

- STORAGE (AREA) (OCC. LOAD)
- PREP (AREA) (OCC. LOAD)
- ACCESSORY (AREA) (OCC. LOAD)
- SALES AREAS (AREA) (OCC. LOAD)
- ACCESSORY–ASSEMBLY (AREA) (OCC. LOAD)
- EGRESS ROUTE
- MOST REMOTE POINT
- EXIT LIGHTS
- EMERGENCY LIGHTS
- EXIT
- EXIT 48" [240] DOOR CLEAR WIDTH
- DOOR OCC. LOAD

EGRESS PER 2018 NCBC

CLEAR WIDTH
PROVIDED 48" 48" 33" 33" 33" | REQUIRED .2" x OCCUPANT
TOTAL 195" | 503 OCCUPANTS x..2 100.6"

EXITS
PROVIDED 5 | REQUIRED 3

TRAVEL DISTANCE
MAX 250' | ACTUAL 123'

EXIT SEPARATION
PROVIDED MIN 214' | REQUIRED MIN DIAGIONAL 275'/3 92'

LIFE SAFETY GENERAL NOTES:

1. MERCANTILE OFFICE ALTERATION DESIGNED UNDER LIST CODE.
2. THIS BUILDING IS TYPE II–B CONSTRUCTION, MERCANTILE OCCUPANCY, SPRINKLERED.
3. MAXIMUM ALLOWABLE EXIT ACCESS DISTANCE = 250' (MERCANTILE)
4. MAXIMUM ALLOWABLE COMMON PATH OF TRAVEL DISTANCE = 75'
5. MAXIMUM ALLOWABLE DEAD END TRAVEL DISTANCE IN CORRIDORS = 20'
6. CLEAR OPENING WIDTH FOR A SINGLE 36" WIDE DOOR SHOULD BE CONSIDERED 33" TO COMPENSATE FOR STOP, DOOR THICKNESS AND HINGE THROW.
7. SEE SHEET A1.03 GENERAL NOTE #14 FOR FIRE EXTINGUISHER REQUIREMENTS.
8. FIRE EXTINGUISHER SIGNS FOR CURVED SURFACES (INCLUDING ROUND AND SQUARE COLUMNS)– PROVIDE 18"H X 4"W GLOW–IN–THE–DARK ADHESIVE SIGN EQUAL TO BRADY SV184G (GRAINGER ITEM #32MD69).
9. FIRE EXTINGUISHER SIGNS FOR FLAT WALL SURFACES – PROVIDE 18"H X 4"W GLOW–IN–THE–DARK PLASTIC SIGN EQUAL TO ACCUFORM SIGNS MFXG551GP (GRAINGER ITEM #8FZW0).
10. ALL EXITS ARE TO EXISTING TO REMAIN UNCHANGED UNLESS NOTED OTHERWISE.

MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA REGISTERED SEAL 049814 ARCHITECT ANDREW J. LOWINGER
08/21/2024

CORPORATE SEAL:

ALLIANCE–ARCHITECTURE OF THE TRIAD, PA REGISTERED ARCHITECTURAL CORPORATION LICENSE NO. 50943 NORTH CAROLINA WINSTON–SALEM, NC

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 08/21/2024

04 OF 44

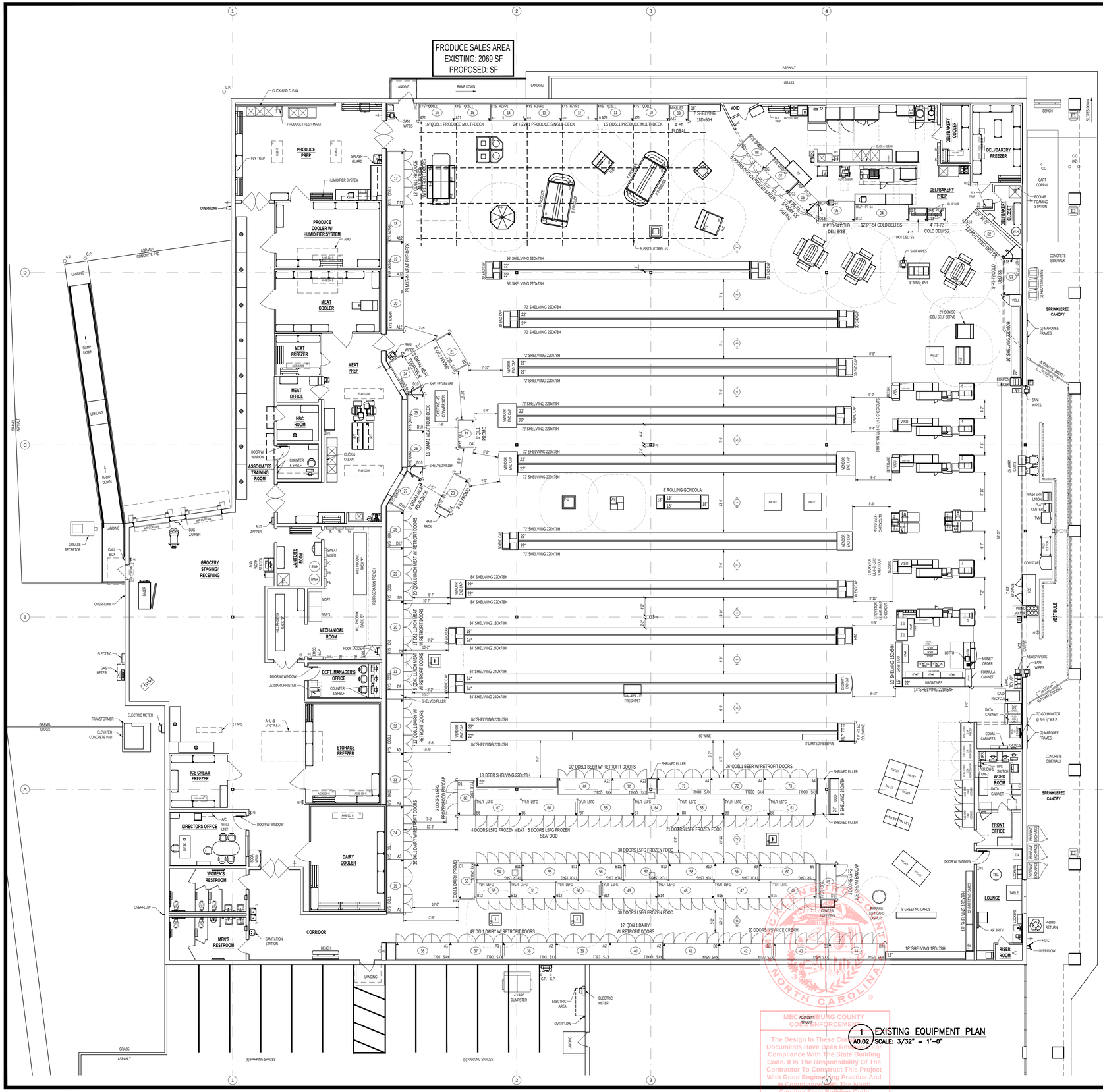
## CS-3

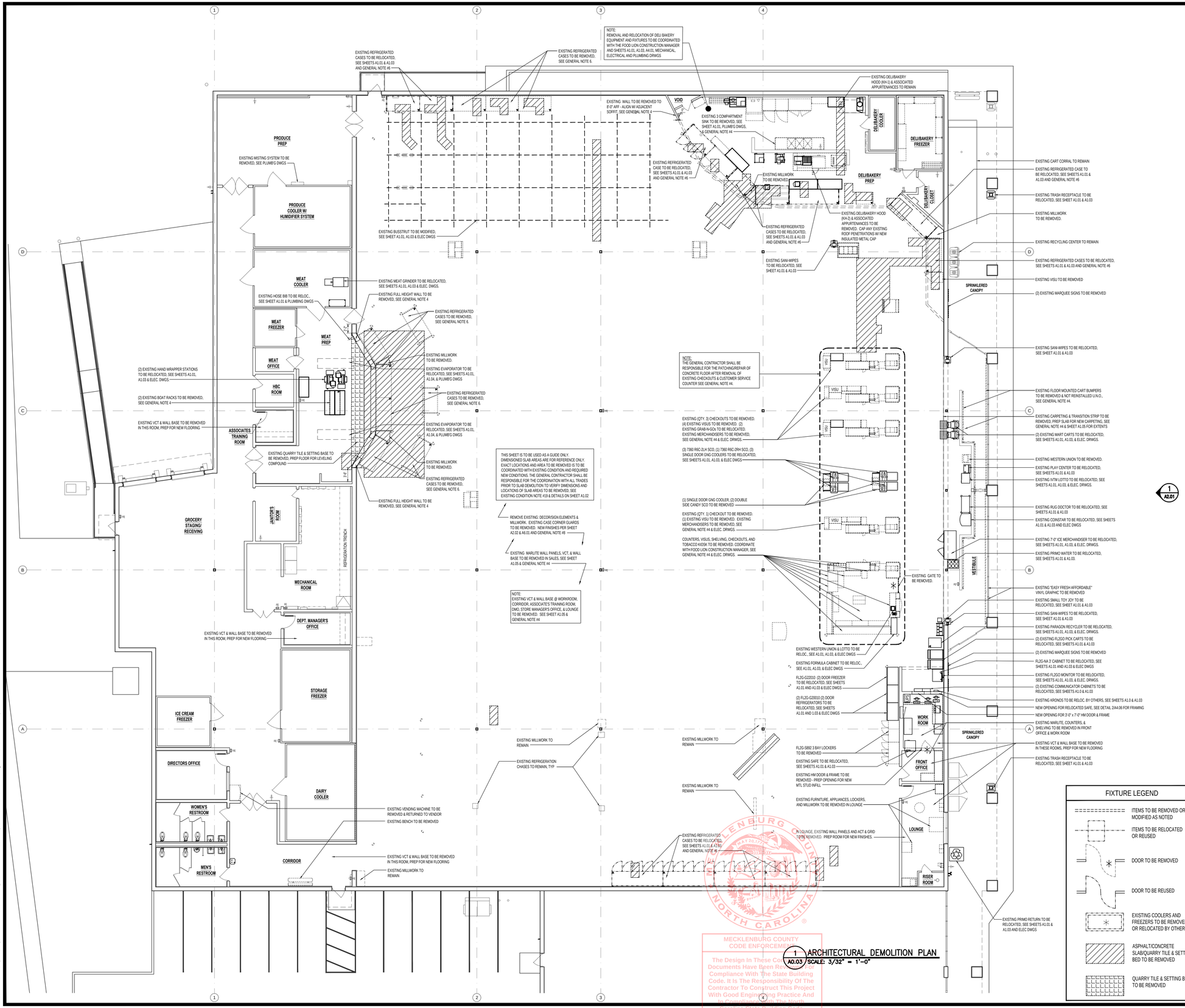
LIFE SAFETY PLAN

CHECKED: AJL DRAWN: VPS

FILE NAME: E:\JOBS\24038 – FOOD LION #2216–MINT HILL NC\V2216CS–3_A.DWG Aug 17, 2024 – 4:34pm

PRODUCE SALES AREA:
EXISTING: 2069 SF
PROPOSED: SF


ASPHALT
GRASS
LANDING
RAMP DOWN
CLICK AND CLEAN
PRODUCE FRESH MAXX
SANI WIPES
16' QD6L1 PRODUCE MULTI-DECK
24' HDVP1 PRODUCE SINGLE-DECK
16' QD6L1 PRODUCE MULTI-DECK
4 FT FLORAL
7' SHELVING 18DxSH
VOID
PRODUCE PREP
FLY TRAP
SPLASH GUARD
HUMIDIFIER SYSTEM
PRODUCE COOLER W/ HUMIDIFIER SYSTEM
AHU-2
12' QD6L1 PRODUCE W/ RETROFIT DOORS
OVERFLOW
MEAT COOLER
28' MDM5 MEAT FIVE-DECK
MEAT FREEZER
MEAT PREP
MEAT OFFICE
HBC ROOM
ASSOCIATES TRAINING ROOM
COUNTER & SHELF
CLICK & CLEAN
DOOR W/ WINDOW
GREASE RECEPTOR
CALL BOX
AIR CURTAIN
BUG ZAPPER
GROCERY STAGING/ RECEIVING
BALER
JANITOR'S ROOM
SWEAT MIXER
MECHANICAL ROOM
HILL PHOENIX RACK 70'
ROOF DOOR
DEPT. MANAGER'S OFFICE
LEXMARK PRINTER
ELECTRIC
GAS METER
GREASE INTERCEPTOR
TRANSFORMER
ELECTRIC METER
ELEVATED CONCRETE PAD
2 FANS
AHU @ 14'-0" A.F.F.
STORAGE FREEZER
ICE CREAM FREEZER
DIRECTORS OFFICE
A/C WALL UNIT
DESK
DOOR W/ WINDOW
WOMEN'S RESTROOM
MEN'S RESTROOM
SANITATION STATION
BENCH
CORRIDOR
DAIRY COOLER
20' QD6L1 LUNCH MEAT W/ RETROFIT DOORS
18' QD6L1 DAIRY W/ RETROFIT DOORS
12' QD6L1 DAIRY W/ RETROFIT DOORS
16' QMA4 MEAT FIVE-DECK
8' QD6L1 PROMO
8' ISLAND
8' ROLLING GONDOLA
HAM RACK
REFRIGERATION TRENCH
SHELVED FILLER
56' SHELVING 22DxTBH
72' SHELVING 22DxTBH
84' SHELVING 22DxTBH
84' SHELVING 18DxTBH
84' SHELVING 24DxTBH
84' SHELVING 24DxTBH
84' SHELVING 22DxTBH
60' WINE
8' LIMITED RESERVE
18' BEER SHELVING 22DxTBH
20' QD6L1 BEER W/ RETROFIT DOORS
30' QD6L1 BEER W/ RETROFIT DOORS
4 DOORS LSFG FROZEN MEAT
5 DOORS LSFG FROZEN SEAFOOD
21 DOORS LSFG FROZEN FOOD
30 DOORS LSFG FROZEN FOOD
12' QD6L1 DAIRY W/ RETROFIT DOORS
48' DELI DAIRY W/ RETROFIT DOORS
20 DOORS IVSV4 ICE CREAM
18' SHELVING 18DxTBH
8' PTD-54 COLD DELI S/SS
12' PT-54 COLD DELI SS
4' PT-72 COLD DELI SS
8' PT-72 COLD DELI S/SS
4' PT-72 COLD DELI SS
8 PF HOT DELI SS
DELI/BAKERY COOLER
DELI/BAKERY FREEZER
DELI/BAKERY PREP
DELI/BAKERY CLOSET
ECOLAB FOAMING STATION
CART CORRAL
BENCH
S/S DISPLAY DOWN
CONCRETE SIDEWALK
(3) RECYCLING BINS
SPRINKLERED CANOPY
(2) MARQUEE FRAMES
AUTOMATIC DOORS W/ MAT
COUPON BOOTH
SANI WIPES
(7) SHOPPING CARTS
WESTERN UNION
PAY CENTER
TV
VESTIBULE
CONSTANT
7 ICE STORAGE
ICE
PRINT WITH
VCT CARPET
LOTTO
MONEY ORDER
FORMULA CABINET
SMALL BOOK DISPLAY
NEWSPAPERS
SANI WIPES
CASH RECYCLER
DATA CABINET
TO-GO MONITOR @ 5'-9 1/2" A.F.F.
(2) MARQUEE FRAMES
CONCRETE SIDEWALK
COMM. CABINETS
KRONOS TIME CLOCK
SPRINKLERED CANOPY
FOR ONE C ONLY
LIFT SWITCH
WORK ROOM
DATA CABINET
FRONT OFFICE
DOOR W/ WINDOW
LOCKERS
TABLE
LOUNGE
48" BRTV
PRIMO RETURN
F.D.C.
OVERFLOW
RISER ROOM
PROPANE
9 GREETING CARDS
PREPAID GIFT CARD DISPLAY
CONES & TOPPINGS
ICE CREAM ENDCAP
ICE CREAM DISPLAY
HBC
BEVERAGE
SEMI-AUTO CHECKOUTS
3 STATION 6 LANE CHECKOUTS
1 STATION 1 LANE EXPRESS CHECKOUT
4 STATION 8 LANE CHECKOUT
4 STATION 8 LANE CHECKOUT
4 STATION 8 LANE




1 ARCHITECTURAL DEMOLITION PLAN
A0.03 SCALE: 3/32" = 1'-0"

## FIXTURE LEGEND

- ITEMS TO BE REMOVED OR MODIFIED AS NOTED
- ITEMS TO BE RELOCATED OR REUSED
- DOOR TO BE REMOVED
- DOOR TO BE REUSED
- EXISTING COOLERS AND FREEZERS TO BE REMOVED OR RELOCATED BY OTHERS
- ASPHALT/CONCRETE SLAB/QUARRY TILE & SETTING BED TO BE REMOVED
- QUARRY TILE & SETTING BED TO BE REMOVED

## GENERAL NOTES:

1. ALL CONTRACTORS MUST COMPLY WITH ALL STATE AND LOCAL CODES.
2. FOR NEW DEPRESSED SLAB LOCATIONS AND DIMENSIONS, IF APPLICABLE, SEE SHEET A1.02A.
3. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES AND RELOCATE UTILITIES AS NEEDED. ALL RELOCATION OF UTILITIES SHALL BE COORDINATED WITH THE FOOD LION CONSTRUCTION MANAGER AND/OR LOCAL UTILITIES.
4. GENERAL CONTRACTOR SHALL PATCH AND REPAIR FLOOR, CEILING, ADJOINING WALLS AND OPENINGS WHERE WALLS, DOORS & FRAMES, MILLWORK, AND EQUIPMENT HAVE BEEN REMOVED. WORK WILL BE DONE IN A PROFESSIONAL MANNER WITH MATCHING MATERIALS.
5. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL ROOF OPENINGS/PENETRATIONS CAUSED BY STRUCTURAL, PLUMBING, ELECTRICAL, MECHANICAL AND REFRIGERATION MATERIALS OR EQUIPMENT. COORDINATE REPAIRS WITH LANDLORD ROOFING CONTRACTOR (NOT TO VOID CURRENT WARRANTY).
6. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND CAPPING ALL ELECTRICAL STUB-UPS, DRAINS AND PITS THAT CANNOT BE REUSED, PATCH AND REPAIR FLOOR AS NEEDED.
7. GENERAL CONTRACTOR SHALL COORDINATE ALL DEMOLITION, EXPANSION, RENOVATION AND REMOVAL OF MATERIALS, ETC. OF THE FRONT BUILDING ELEVATION WITH SHEET A2.01 AND FOOD LION CONSTRUCTION MANAGER.
8. CONTRACTOR TO REMOVE ALL EXISTING DECOR UNLESS NOTED TO REMAIN AND REPAIR DRYWALL AS NEEDED. COORDINATE WITH SHEETS A2.02 AND A6.01. COORDINATE WITH DECOR PLANS.
9. GENERAL CONTRACTOR SHALL REMOVE ALL CORNER GUARDS AT REFRIGERATED CASES AS NOTED ON PLAN AND REPAIR FLOOR AS DIRECTED BY FOOD LION CONSTRUCTION MANAGER.
10. THE ELECTRICAL CONTRACTOR SHALL REMOVE THE EXISTING PARCEL PICK-UP BELL AND ITS RELATED EQUIPMENT AS REQUIRED. PATCH AND REPAIR ALL FINISHES. (IF APPLICABLE)
11. GENERAL CONTRACTOR SHALL COORDINATE THE REMOVAL OF EXTERIOR WINDOWS, WALLS, & DOORS WITH THE FOOD LION CONSTRUCTION MANAGER IN ORDER TO MAINTAIN STORE SECURITY & SAFE BUILDING.
12. THE GENERAL CONTRACTOR SHALL COORDINATE THE REMOVAL OF ALL H.V.A.C. EQUIPMENT AND ANY APPLICABLE CEILING TILE/GRID WITH THE MECHANICAL CONTRACTOR.
13. PLUMBING CONTRACTOR AND GENERAL CONTRACTOR SHALL COORDINATE THE REMOVAL OF PLUMBING FIXTURES WITH THE FOOD LION CONSTRUCTION MANAGER. PLUMBING DEMOLITION WILL NOT BE ALLOWED UNTIL THIS COORDINATION MEETING IS CONDUCTED.
14. THE GENERAL CONTRACTOR SHALL REMOVE ANY EXISTING WOOD BASEBOARD THAT IS ATTACHED TO MASONRY WALLS. PATCH ALL WALLS WHERE NEEDED AND CAULK THE JOINT WHERE WALL ADJOINS FLOOR.
15. THE EXISTING CONDITIONS ON THIS SHEET ARE INTENDED TO CONVEY THE APPROXIMATE CONDITION OF THE BUILDING. ALL DATA SHALL BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO SUBMISSION OF BIDS AND/OR THE COMMENCEMENT OF WORK. ANY CONDITIONS WHICH DIFFER SUBSTANTIALLY FROM THAT INDICATED ON THE EXISTING FIXTURE PLAN OR IN THE CONSTRUCTION DOCUMENTS, SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE FOOD LION CONSTRUCTION MANAGER/ ENGINEERING DEPARTMENT.
16. THE DEMOLITION PLAN IDENTIFIES GENERAL AREA/ITEMS TO BE DEMOLISHED ONLY AND IS NOT INTENDED TO ILLUSTRATE EACH AND EVERY ITEM REQUIRING DEMOLITION. THE GENERAL CONTRACTOR SHALL FAMILIARIZE HIMSELF/HERSELF WITH ALL EXISTING CONDITIONS IN ORDER TO ASCERTAIN THE FULL EXTENT OF DEMOLITION TO BE PERFORMED. CLOSE COORDINATION WITH THE FOOD LION CONSTRUCTION MANAGER IS CRITICAL DURING ALL PHASES OF DEMOLITION AND CONSTRUCTION.
17. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL SUBCONTRACTORS PLACE ALL CONSTRUCTION DEBRIS DIRECTLY INTO DUMPSTERS OR DUMP TRUCKS FOR REMOVAL. USE OF THE STORE DUMPSTER IS NOT ALLOWED. NO CONSTRUCTION DEBRIS WILL BE ALLOWED INSIDE THE STORE OR IN SIGHT OF THE CUSTOMER.
18. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR "ALL" DUMPSTER DUMPS INCLUDING THOSE FOR THE REFRIGERATION CONTRACTOR. THE REFRIGERATION CONTRACTOR WILL BE RESPONSIBLE FOR BREAKING EVERYTHING DOWN BEFORE PUTTING IN THE DUMPSTER.

## SLAB WORK

19. FLOOR CUTTING IS APPROXIMATE. WORK TO BE COORDINATED WITH THE FOOD LION CONSTRUCTION MANAGER AND APPROPRIATE TRADE. FLOOR SLAB CUTS SHALL BE LAID OUT TO MINIMIZE SMALL, SHARP CORNER EDGES OF FLOOR SLAB TO REMAIN AND RISK CRACKING. SQUARE OFF CUTS WHERE POSSIBLE. COORDINATE WITH THE APPROPRIATE TRADES.
20. COORDINATE ALL FLOOR CUTS WITH A1.02A, P1.01 & P1.02.

## TRENCH WORK

21. ALL DIRT SHALL BE REMOVED FROM THE STORE AND IT SHOULD NEVER HIT THE FLOOR. TRENCHES SHALL BE BACKFILLED WITH AGGREGATE NO LARGER THAN #57, DOWELS IN CONCRETE AND PROPER VAPOR BARRIER. ALL PITS SHOULD BE PHOTOGRAPHED WITH CURRENT DATE TO SHOW INTERIOR BEFORE AND AFTER VAPOR BARRIER INSTALL AND TRENCH COMPLETION AND SEND TO CONSTRUCTION MANAGER.

## REMOVAL LEGEND

REFRIGERATED CASE LEGEND

| # | MFG | MODEL | SIZE | DESCRIPTION | INT | EXT | AGE |
|---|---|---|---|---|---|---|---|
| | | | | REMOVED | | | |
| 01 | HILP | PT-72 | 8'-0" | COLD DELI SELF SERVE | BLK | BGE | 16 |
| 03 | HILP | PT-72 | 4'-0" | COLD DELI SELF SERVE | BLK | BGE | 16 |
| 07 | KYS | QIVSV14 | 7'-8" | FROZEN BAKERY | BLK | BGE | 5 |
| 12 | KYS | HZVP1 | 8'-0" | PRODUCE SINGLE DECK | BLK | BGE | 04 |
| 13 | KYS | HZVP1 | 8'-0" | PRODUCE SINGLE DECK | BLK | BGE | 04 |
| 14 | KYS | HZVP1 | 8'-0" | PRODUCE SINGLE DECK | BLK | BGE | 04 |
| 21 | KYS | QIL1 | 8'-0" | PROMO | BLK | BGE | 04 |
| 22 | KYS | QIL1 | 6'-0" | PROMO | BLK | BGE | 04 |
| 23 | KYS | QIL1 | 8'-0" | PROMO | BLK | BGE | 04 |
| 24 | KYS | QM4A1 | 8'-0" | MEAT FOUR-DECK | BLK | BGE | 04 |
| 25 | KYS | QM4A1 | 8'-0" | MEAT FOUR-DECK | BLK | BGE | 16 |
| 26 | KYS | QM4A1 | 8'-0" | MEAT FOUR-DECK | BLK | BGE | 04 |
| 27 | KYS | QM4A1 | 8'-0" | MEAT FOUR-DECK | BLK | BGE | 04 |

EQUIPMENT

| QTY | DESCRIPTION |
|---|---|
| 2 | PRODFERS |
| 1 | RETARDER |
| TBD | BAKERY TABLES |
| 2 | COOLER RACK (D/B COOLER) |
| 1 | DUNNAGE RACKS (D/B COOLER) |
| 9 | COOLER RACKS (D/B FREEZER) |
| 1 | DUNNAGE RACKS (D/B FREEZER) |
| TBD | PRODUCE TABLES |
| 1 | MISTING SYSTEM (PRODUCE PREP) |
| 9 | VISU COOLERS / GRAB & GOS |
| 5 | CHECKOUTS |
| 5 | 7FT MERCHANDISERS |
| 1 | TOBACCO KIOSK |
| 1 | REFRIGERATOR (LOUNGE) |
| 1 | MICROWAVE (LOUNGE) |
| TBD | GONDOLA SHELVING |
| TBD | SHELVING |
| TBD | DISPLAY TABLES |
| TBD | ENDCAP SHELVING |
| 3 | 3D ENDCAPS |

NOTE: CONTRACTOR SHALL NOT UNPLUG ATM FOR ANY REASON. NO ONE IS ALLOWED TO USE THE ELECTRICAL OUTLET OR PHONE LINE JACK FOR ANY REASON. IT IS ILLEGAL TO ATTACH ANY DEVICE TO THE ATM LINE FOR ANY REASON. THE ONLY PEOPLE ALLOWED TO UNPLUG THE ATM ARE NATIONWIDE SERVICE AND THE COMPANY THAT REPLENISHES CASH IN THE ATM. COORDINATE ANY AND ALL WORK ASSOCIATED WITH THE ATM WITH FOOD LION CONSTRUCTION MANAGER AND NATIONWIDE SERVICE AND/OR THE COMPANY THAT REPLENISHES CASH. SECURE THE ATM SIGNAGE. DO NOT DESTROY.

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA REGISTERED SEAL 032874 ARCHITECT ANDREW J. LORINAITIS 01/23/2024

CORPORATE SEAL:

ALLIANCE ARCHITECTURE OF THE TRIAD PA REGISTERED ARCHITECTURAL CORPORATION LICENSE NO. 50943 NORTH CAROLINA WINSTON-SALEM, NC

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|
| 1 | 00/00/00 | COMMENTS |

ahold delhaize USA

FOOD LION

2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com

Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 08/21/2024

06 OF 44

# A0.03

ARCHITECTURAL DEMOLITION PLAN

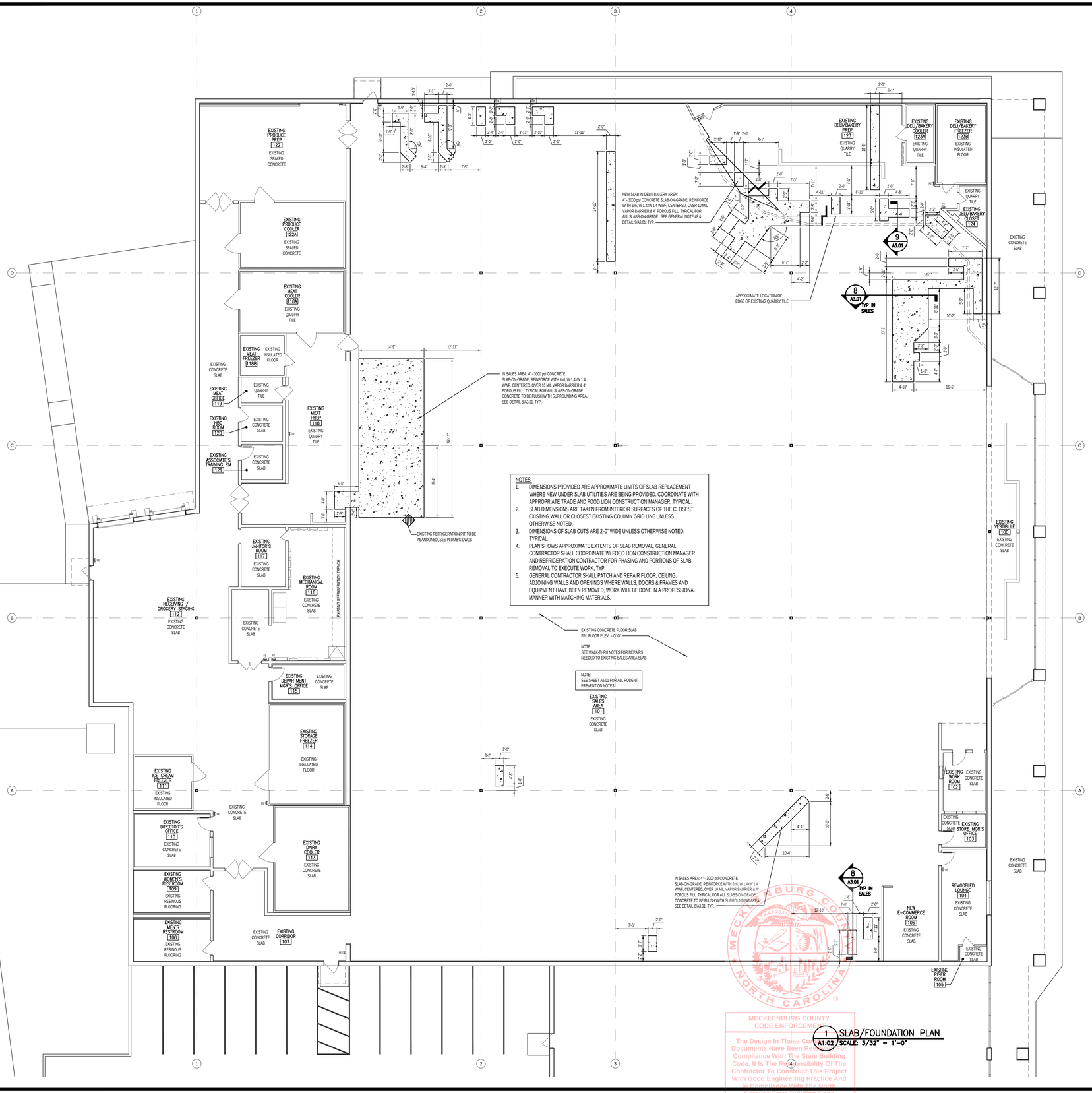
CHECKED: AJL DRAWN: VPS

FILE NAME: E:\JOBS\24038 - FOOD LION #2216-MINT HILL NC\2216A0.03_A.DWG Aug 19, 2024 - 12:53pm

PRODUCE SALES AREA:
EXISTING: 2,069 SF
PROPOSED: 2,162 SF

WET WALL CASE TO RECEIVE LIGHTED WET SHELVING
ONLY OPEN PROD MULTI-DECK CASES TO RECEIVE OEM LIGHTED SHELVING
AMS TO INSTALL PLUGS IN ALL NEW/EXISTING PROD CASES


PRODUCE PREP
PRODUCE COOLER W/ REMOVED HUMIDIFER
MEAT COOLER
MEAT FREEZER
MEAT PREP
MEAT OFFICE
HBC ROOM
ASSOCIATES TRAINING ROOM
GROCERY STAGING/ RECEIVING
JANITOR'S ROOM
MECHANICAL ROOM
DEPT. MANAGER'S OFFICE
STORAGE FREEZER
ICE CREAM FREEZER
DIRECTORS OFFICE
WOMEN'S RESTROOM
MEN'S RESTROOM
DAIRY COOLER
CORRIDOR
DELI/BAKERY PREP
DELI/BAKERY COOLER
DELI/BAKERY FREEZER
WORK ROOM
STORE MANAGERS OFFICE
LOUNGE
RISER ROOM
VESTIBULE
12' DXWLN PRODUCE MULTI-DECK
12' DXWLN PRODUCE WET MULTI-DECK
16' QDBL1 PRODUCE MULTI-DECK
4' FT FLORAL
12' QDBL1 PRODUCE MULTI-DECK
20' QDBL1 LUNCH MEAT W/ RETROFIT DOORS
12' QDBL1 LUNCH MEAT W/ RETROFIT DOORS
12' QDBL1 DAIRY W/ RETROFIT DOORS
48' DELI DAIRY W/ RETROFIT DOORS
12' QDBL1 DAIRY W/ RETROFIT DOORS
20' QDBL1 BEER W/ RETROFIT DOORS
36' QDBL1 BEER W/ RETROFIT DOORS
20' DXBLD BEER
12' DXBLD MULTI-DECK
20' SHELVING 22Dx84H
48' SHELVING 22Dx84H
70" SHELVING 22Dx78H
84" SHELVING 22Dx78H
84" SHELVING 240x78H
84" SHELVING 180x78H
52" SHELVING 22Dx78H
52" SHELVING 240x78H
20' SHELVING 150x60H
30" WIDE EXTENDERS
12' QC-120 INLINE CHEESE PROMO
4' PT-54 COLD DELI SS
8' PTD-54 COLD DELI SS
12' PT-54 COLD DELI SS
8' DAIRY/DELI ISLAND
12' DAIRY/DELI ISLAND
8' DXBLN DAIRY PROMO
8' DXBLD DAIRY
12' QDBL1 DAIRY W/ RETROFIT DOORS
48' DELI DAIRY W/ RETROFIT DOORS
8' DXBLD WINSF FROZEN FOOD ENDCAP
30 DOORS LSFG FROZEN FOOD
4 DOORS LSFG FROZEN MEAT
5 DOORS LSFG FROZEN SEAFOOD
21 DOORS LSFG FROZEN FOOD
8 DOORS LSFG ICE CREAM
8 DOORS IVSV4 ICE CREAM
8' DXBLD DAIRY
8' DXWLN DAIRY PROMO
12' QDBL1 DAIRY W/ RETROFIT DOORS
4 MIXERS
56' WINE
8' LIMITED RESERVE
4' PT-72 COLD WINE
4 WINE SHELVING 22D
4 WINE SHELVING 22D DEEP - WITH BRACKET
8' SLOPED TOP FILLER BY DECOR
8' SOLID FILLER BY DECOR
SHELVED FILLER
ROSE BIN
GLASS END
SPLASH GUARD
FLY TRAP
FOGGING SYSTEM
SCALE
SAN WIPES
BOOT RACK
BOOT RACK
8' BOOT RACK
CLICK AND CLEAN
PRODUCE FRESH MAXX
OVERFLOW
AHU
AHU-1B
AHU-2B
AHU-3B
AHU-4B
AHU-5B
AHU-6B
AHU-7B
AHU-8B
MODIFIED BUILTRUP W/ SPOTS & POTATO LIGHTS
MODIFIED BUILTRUP W/ SKYLIGHTS
20' MONARCH DISPLAY
NEW RR TO BE COMPATIBLE
RAMP DOWN
LANDING
ASPHALT CONCRETE PAD
GRAVEL ASPHALT
GRASS
ASPHALT
GREASE RECEPTOR
CALL BOX
AIR CURTAIN
BUG ZAPPER
WALK
ELECTRIC
GAS METER
GAMA
TRANSFORMER
ELECTRIC METER
GRAVEL
GRASS
ELEVATED CONCRETE PAD
A/C WALL UNIT
DOOR W/ WINDOW
DESK
FLOOR SINK
FLOOR DRAIN
HAND SINK
MOP SINK
WATER FILTER
FLOOR FLUSH VALVE
SANITATION STATION
OVERFLOW
DOOR W/ WINDOW
LEXMARK PRINTER
COUNTER & SHELF
SWEAT MISER
PC
PB
PA
MDP1
MDP2
MDP3
MODIFIED HILL PHOENIX RACK
MODIFIED HILL PHOENIX RACK
REFRIGERATION TRENCH
ROOF DOOR
DSD WORK STATION
SHELVED FILLER
4 YARD DUMPSTER
ELECTRIC AREA
ELECTRIC METER
OVERFLOW
ADJACENT TENANT
(8) PARKING SPACES
(5) PARKING SPACES
TBD DRY FLORAL
VOID
CAKE DOOR
PHOTO CAKE
BREAD SLICER
SCALE
3 BOOT RACK
3 PREP TABLE
DISH DRIVE RACK
4 PREP TABLE
4 PREP TABLE W/ WRAPPER
SCALE
MANUAL SLICER W/ STAND
SCALE
ICE SHELVING
BENCH
SLOPED DOWN
CART CORRAL
ECOLAB FOAMING STATION
CONCRETE SIDEWALK
CAPPED DOG BY ELC
SLOPED TOP FILLER BY DECOR
(3) RECYCLING BINS
303 MARQUEE FRAMES
AUTOMATIC DOORS W/ MAT
COUPON KIOSK
SAN STATION
CART
SAN WIPES
PRINTER
PICK-UP
32" FORMULA CABINET
PLANT CENTER
TABLE
CONSTAINER
SAN STATION
SAN WIPES
ASSISTANCE DOORS
CASH RECYCLE
DATA CABINET
CDU
COMM. CABINETS
3' DOOR
LCD ON/OFF SWITCH
ON-2
WORK ROOM CABINET CONCRETE SIDEWALK
LOCKER
SPRINKLERED CANOPY
PRINT RETURN
30" COUNTER AND SHELF
INFILL OPENINGS
WINDOW KIT
COAT RACK
DOOR W/ WINDOW
FLOOR MONITOR MOUNT TOP AT 80" A.F.F.
FULL HEIGHT WALL W/ SUPPORT LEG
TOPPINGS
PAPER TOWEL DISPENSER
48" BRITA
SOAP/SANITIZER DISPENSER
F.D.C.
OVERFLOW
BULLETIN BOARDS
5' S/S TABLE
K-CUP MACHINE
H150SFGA MICRO
CONDIMENTS
PRINTER
PICK-UP
SCALE
SCALE
SCALE




NOTES:

1. DIMENSIONS PROVIDED ARE APPROXIMATE LIMITS OF SLAB REPLACEMENT WHERE NEW UNDER SLAB UTILITIES ARE BEING PROVIDED. COORDINATE WITH APPROPRIATE TRADE AND FOOD LION CONSTRUCTION MANAGER, TYPICAL.
2. SLAB DIMENSIONS ARE TAKEN FROM INTERIOR SURFACES OF THE CLOSEST EXISTING WALL OR CLOSEST EXISTING COLUMN GRID LINE UNLESS OTHERWISE NOTED.
3. DIMENSIONS OF SLAB CUTS ARE 2'-0" WIDE UNLESS OTHERWISE NOTED, TYPICAL.
4. PLAN SHOWS APPROXIMATE EXTENTS OF SLAB REMOVAL. GENERAL CONTRACTOR SHALL COORDINATE W/ FOOD LION CONSTRUCTION MANAGER AND REFRIGERATION CONTRACTOR FOR PHASING AND PORTIONS OF SLAB REMOVAL TO EXECUTE WORK, TYP.
5. GENERAL CONTRACTOR SHALL PATCH AND REPAIR FLOOR, CEILING, ADJOINING WALLS AND OPENINGS WHERE WALLS, DOORS & FRAMES AND EQUIPMENT HAVE BEEN REMOVED. WORK WILL BE DONE IN A PROFESSIONAL MANNER WITH MATCHING MATERIALS.

1 A1.02 SLAB/FOUNDATION PLAN
SCALE: 3/32" = 1'-0"

MECKLENBURG COUNTY CODE ENFORCEMENT

The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

## GENERAL NOTES:

1. ANY DIMENSIONS THAT ARE SHOWN WHICH THE GENERAL CONTRACTOR FINDS TO BE INCONSISTENT WITH THE PLANS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE FOOD LION CONSTRUCTION MANAGER.
2. GENERAL CONTRACTOR TO INSTALL GUARD POST AS INDICATED ON SITE-SPECIFIC A1.01.
3. PLAN SHOWS APPROXIMATE EXTENT OF SLAB REMOVAL. GENERAL CONTRACTOR SHALL COORDINATE W/CONSTRUCTION MANAGER AND REFRIGERATION CONTRACTOR FOR THE PHASING AND PORTIONS OF SLAB REMOVAL TO EXECUTE THE WORK.

UNDER SLAB

4. GENERAL CONTRACTOR SHALL REFER TO SHEET P1.01 AND P1.02 FOR TRENCH DRAINS, HUB DRAINS AND REFRIGERATION LINE PIT LOCATIONS BEFORE POURING SLAB OR FOOTINGS
5. GENERAL CONTRACTOR SHALL TAKE EXTRA PRECAUTION WHEN POURING CONCRETE SLABS SO AS NOT TO CRUSH REFRIGERATION AND SANITARY SEWER LINES. REFER TO SHEET P1.02 FOR LINE LOCATIONS.
6. SOIL UNDER ALL NEW SLABS TO BE TREATED FOR TERMITES PER SPECIFICATIONS.
7. GENERAL CONTRACTOR SHALL PROVIDE CUT OR SELECT FILL MATERIAL FOR SLABWORK. USE AGGREGATE NO LARGER THAN #57 FOR ALL NEW CONCRETE SLABS. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

CONCRETE SLAB

8. NO CONSTRUCTION OR CONTROL JOINTS SHALL BE INSTALLED IN PRODUCE PREP, GROCERY STAGING AREA AND DELI/BAKERY U.O.N.
9. THE GENERAL CONTRACTOR SHALL USE 10 MIL UNDER SLAB VAPOR RETARDER TURNED UP AT CONCRETE SLAB EDGES AND 30 LB FELT AROUND ALL INTERIOR COLUMNS. NO EXPANSION JOINT MATERIAL SHALL BE USED.
10. THE GENERAL CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS TO FILL SPECIFIED FLOOR DEPRESSIONS AND PITS TO SPECIFIED HEIGHTS.
11. THE GENERAL CONTRACTOR SHALL VERIFY CONDITION OF EXISTING CONCRETE SLABS. AREAS THAT ARE NOT SPECIFICALLY ADDRESSED ON THE DRAWINGS OR IN THE BID NOTES SHALL BE BID SEPARATELY. COORDINATE WITH FOOD LION CONSTRUCTION MANAGER. GENERAL CONTRACTOR SHALL INCLUDE FLOOR PATCHING OR LEVELING TO BE DONE BECAUSE OF RELOCATION OF FLOOR STUBS, FIXTURES, PLUMBING & ELECTRICAL WORK.
12. IF APPLICABLE: TEMPERATURE DRAW-DOWN PROCEDURE SHALL NOT BEGIN PRIOR TO COMPLETE CONCRETE CURING (MINIMUM OF 30 DAYS AFTER INSTALLATION). ALL STORES WITH INSULATED CONCRETE FLOORS IN FREEZERS MUST BE SLOWLY BROUGHT DOWN TO TEMPERATURE FOLLOWING THE SCHEDULE BELOW TO PREVENT CRACKING THE FLOOR DUE TO THERMAL CONTRACTION. CAULKING OF SLAB-WALL JOINTS AND EXPANSION JOINTS SHOULD BE DONE AFTER THE RECOMMENDED 35 DEGREE HOLD PERIOD.

| TEMPERATURE | TIME |
|---|---|
| AMBIENT TO 35° F | 10° PER EVERY 24 HOURS |
| HOLD AT 35° F | 3-5 DAYS |
| 35° F TO FINAL TEMP | 10° PER EVERY 24 HOURS |

FLOOR SLOPES

13. THE FLOOR SLAB SHALL SLOPE 1/16" PER FOOT TO DRAINS IN ALL AREAS WHERE FLOOR DRAINS OCCUR. SLOPES WILL CORRESPOND WITH PLUMBING WORK, SEE P1.01 AND P4.01.
14. GENERAL CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE IN ALL PREP AREAS, RESTROOMS, AND COOLERS.
15. THIS SLAB AREA TO BE FLAT (NOT SLOPED) AND LEVEL WITH FINISHED FLOOR.

CONCRETE FINISH

16. THE GENERAL CONTRACTOR SHALL CAULK ALL JOINTS AT JUNCTURE OF SLABS AND WALLS WITH URETHANE SEALANT (GRAY), INCLUDING AREAS BEHIND CASES AND ALL OTHER AREAS THAT ARE NOT EXPOSED. THIS SHALL BE DONE PRIOR TO APPLYING FINISHES.
17. ALL NEW EXPOSED CONCRETE SLABS SHALL NOT RECEIVE AN APPLICATION OF SHAKE-ON HARDENER, BUT RATHER LIQUID DENSIFIER/SEALER. LIQUID DENSIFIER/SEALER SHALL BE "EUCO DIAMOND HARD" BY THE EUCLID CHEMICAL COMPANY. RATE OF APPLICATION SHALL BE PER SPECIFICATIONS. ALL NEW UNEXPOSED CONCRETE SLABS: AREAS RECEIVING VCT, HARD TILE OR RESINOUS FLOORING DO NOT REQUIRE LIQUID DENSIFIER/SEALER.

TRENCH WORK

18. FIBERGLASS PITS CAN BE MODIFIED AS NEEDED TO WORK AROUND EXISTING CONDUIT, ETC. POUR-BACKS SHALL BE FINISHED FLUSH WITH A MINIMUM 2" CONCRETE TO THE EXISTING SLAB; ALLOW FOR FUTURE PIT ACCESS. ALL REVISED PITS MUST BE SEALED COMPLETELY TO RODENT-PROOF AND ELIMINATE CONSTRUCTION MATERIAL FROM DAMAGING THE REFRIGERATION LINES. SPECIAL PRECAUTIONS NEED TO BE MADE WHEN CUTTING HOLES IN FIBERGLASS BOXES. LIMIT THE AMOUNT OF FIBERGLASS THAT IS CUT AWAY FOR LINE INSTALLATIONS. ALL NEW PITS SHALL BE FIBERGLASS! ALL PITS SHALL BE PHOTOGRAPHED WITH CURRENT DATE TO SHOW INTERIOR 'BEFORE AND AFTER' VAPOR RETARDER INSTALL AND TRENCH COMPLETION.
19. ALL DIRT SHALL SHALL BE REMOVED FROM THE STORE WITH ABSOLUTELY NO SPILLAGE ONTO THE EXISTING FLOOR. TRENCHES SHALL BE BACKFILLED WITH AGGREGATE NO LARGER THAN #57, DOWELS IN CONCRETE AND PROPER VAPOR BARRIER. OPEN TRENCHES ARE TO BE COVERED WITH ½" MIN. METAL PLATE AND MATCHING CARPET MATS AND DUCT TAPED TO THE FLOOR DURING OPERATING HOURS. ALL PITS SHOULD BE PHOTOGRAPHED WITH A CURRENT DATE TO SHOW INTERIOR BEFORE AND AFTER VAPOR RETARDER INSTALL AND TRENCH COMPLETION.
20. CARPET MATS ARE TO BE CLEAN, SAME IN COLOR, AND HAVE RUBBER EDGES. ALL MATS ARE TO BE TAPED IN PLACE AT ALL TIMES.

WALLS

21. IF APPLICABLE: NEW WALLS AT RECEIVING DOCK, RAISED PLATFORMS AND RAMPS TO BE FILLED SOLID WITH CONCRETE.

## SLAB LEGEND

- NEW CONCRETE SLAB AND FILLED DEPRESSIONS
- SAW JOINT
- ABANDONED PITS
- EXISTING WALL
- NEW MASONRY REINFORCED WALL
- NEW GUARD POST & FOOTING
- EXISTING GUARD POST
- EXISTING COLUMN
- STEP IN SLAB
- NEW DEPRESSED SLAB & QUARRY TILE

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA REGISTERED ARCHITECT SEAL 029207 ANDREW J. LOPINA

CORPORATE SEAL:

ALLIANCE ARCHITECTURE OF THE TRIAD PC REGISTERED ARCHITECTURAL CORPORATION LICENSE NO. 50943 NORTH CAROLINA WINSTON-SALEM, NC

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|
| 1 | 00/00/00 | COMMENTS |

ahold delhaize USA

FOOD LION

2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250

Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL
# STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 08/21/2024

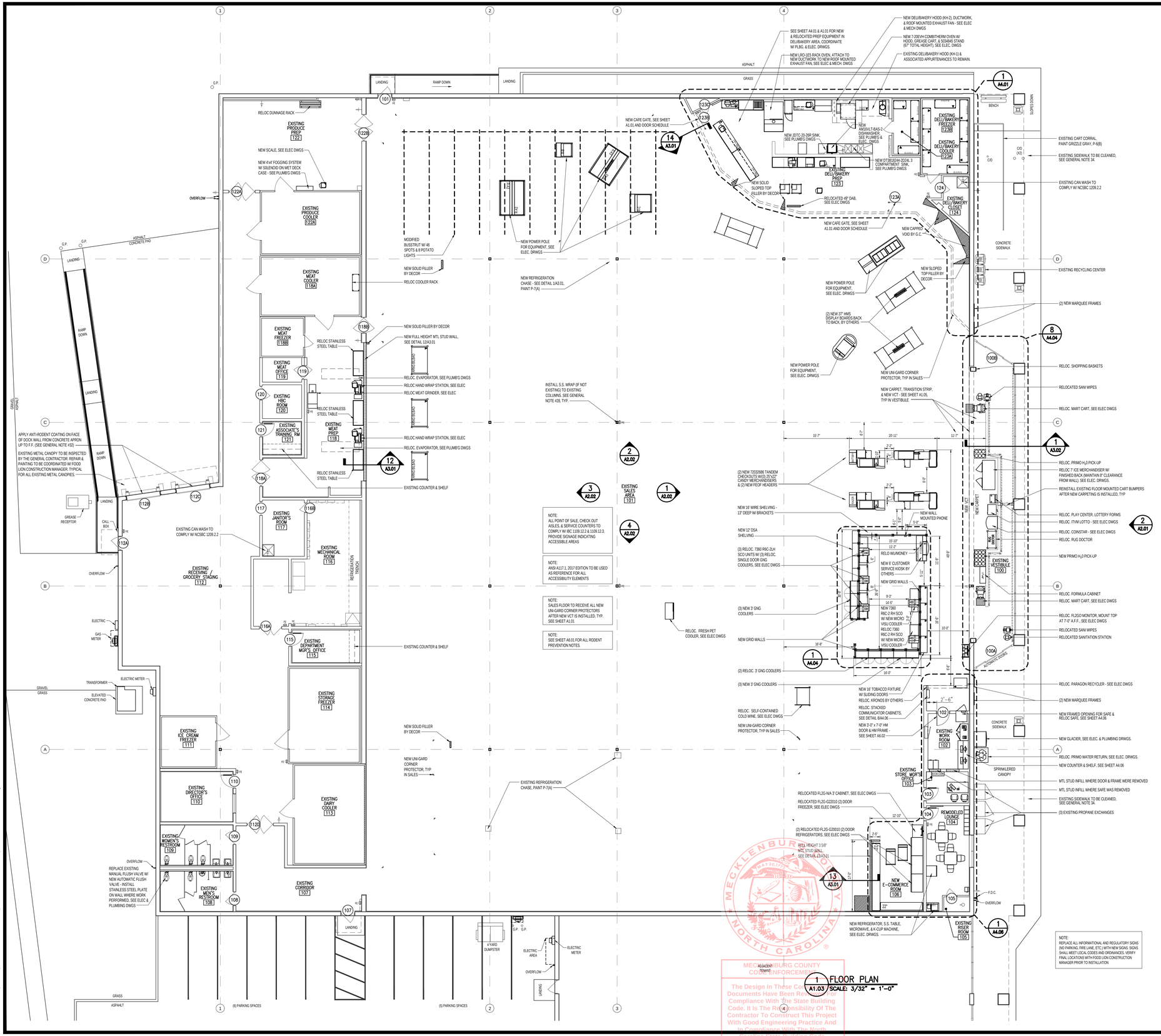
08 OF 44

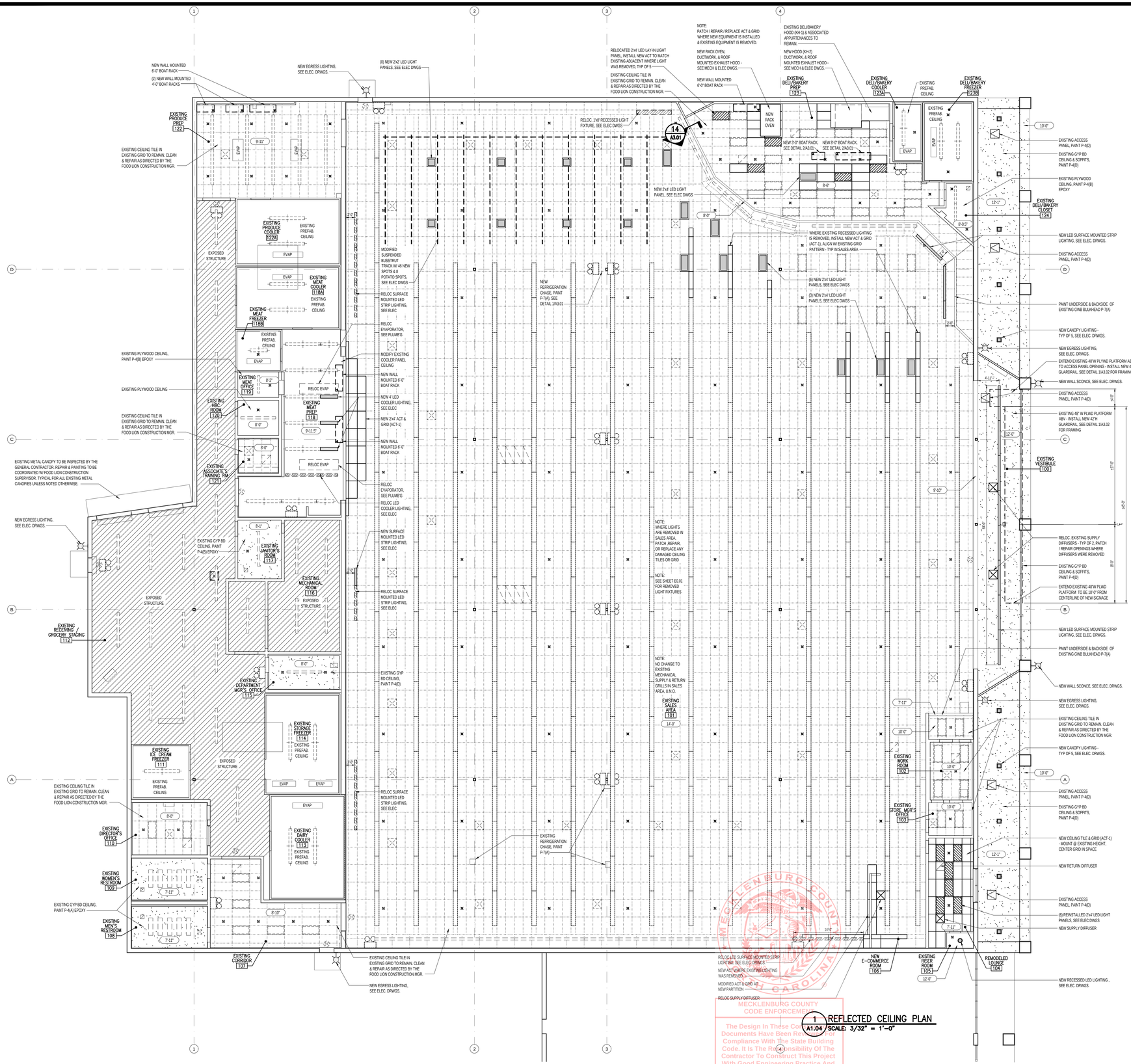
# A1.02

SLAB/FOUNDATION PLAN

CHECKED: AJL DRAWN: VPS

FILE NAME: E:\JOBS\24038 - FOOD LION #2216-MINT HILL NC\2216A1.02_A.DWG Aug 20, 2024 - 7:37am


SEE SHEET A4.01 & A1.01 FOR NEW & RELOCATED PREP EQUIPMENT IN DELI/BAKERY AREA, COORDINATE W/ PLBG. & ELEC. DRWGS.
NEW LRO-SES RACK OVEN, ATTACH TO NEW DUCTWORK TO NEW ROOF MOUNTED EXHAUST FAN, SEE ELEC & MECH. DWGS
NEW DELI/BAKERY HOOD (KH-2), DUCTWORK, & ROOF MOUNTED EXHAUST FAN - SEE ELEC & MECH DWGS
NEW 7.00EVH COMBITHERM OVEN W/ HOOD, GREASE CART, & 520MAS STAND (67" TOTAL HEIGHT), SEE ELEC. DWGS
EXISTING DELI/BAKERY HOOD (KH-1) & ASSOCIATED APPURTENANCES TO REMAIN.
ASPHALT
GRASS
NEW CAFE GATE, SEE SHEET A1.01 AND DOOR SCHEDULE
NEW JDTC-20-26R SINK, SEE PLUMB'G DWGS
NEW AM3VLT-BAS-2 DISHWASHER, SEE PLUMB'G & ELEC. DWGS
NEW DT3816324-2D2AL 3 COMPARTMENT SINK, SEE PLUMB'G DWGS
EXISTING DELI/BAKERY FREEZER 123B
EXISTING DELI/BAKERY COOLER 123A
EXISTING DELI/BAKERY PREP 123
EXISTING DELI/BAKERY CLOSET 124
NEW SOLID SLOPED TOP FILLER BY DECOR
RELOCATED 48" DAB, SEE ELEC DWGS
NEW CAPPED VOID BY G.C.
NEW SLOPED TOP FILLER BY DECOR
NEW POWER POLE FOR EQUIPMENT, SEE ELEC. DWGS
NEW REFRIGERATION CHASE - SEE DETAIL 1/A3.01, PAINT P-7(A)
(2) NEW 37" HMS DISPLAY BOARDS BACK TO BACK, BY OTHERS
NEW UNI-GARD CORNER PROTECTOR, TYP IN SALES
NEW CARPET, TRANSITION STRIP, & NEW VCT - SEE SHEET A1.05, TYP IN VESTIBULE
INSTALL S.S. WRAP (IF NOT EXISTING TO) EXISTING COLUMNS. SEE GENERAL NOTE #28, TYP.
EXISTING SALES AREA 101
NEW CARPET
(2) NEW 72D20068 TANDEM CHECKOUTS W/(0) 29"x72" CANDY MERCHANDISERS & (2) NEW FEDF HEADERS
NEW 18" WIRE SHELVING - 13" DEEP W/ BRACKETS
NEW WALL MOUNTED PHONE
NEW 12" DSA SHELVING
(3) RELOC. 7360 RIC-2LH SCO UNITS W/ (3) RELOC. SINGLE DOOR GNG COOLERS, SEE ELEC DWGS
RELO WU/MONEY
NEW 6' CUSTOMER SERVICE KIOSK BY OTHERS
NEW GRID WALLS
NEW 7360 RSC-2 RH SCO W/ NEW MICRO VISU COOLER
RELOC 7360 RSC-2 RH SCO W/ NEW MICRO VISU COOLER
(3) NEW 3' GNG COOLERS
(2) RELOC. 3' GNG COOLERS
(3) NEW 3' GNG COOLERS
RELOC. SELF-CONTAINED COLD WINE, SEE ELEC DWGS
NEW UNI-GARD CORNER PROTECTOR, TYP IN SALES
RELOC. FRESH PET COOLER, SEE ELEC DWGS
NEW 16' TOBACCO FIXTURE W/ SLIDING DOORS
RELOC. KRONOS BY OTHERS
RELOC. STACKED COMMUNICATOR CABINETS, SEE DETAIL 8/A4.06
NEW 3'-0" x 7'-0" HM DOOR & HM FRAME - SEE SHEET A6.02
EXISTING WORK ROOM 102
EXISTING STORE MGR'S OFFICE 103
REMODELED LOUNGE 104
NEW E-COMMERCE ROOM 106
EXISTING VESTIBULE 100
EXISTING RISER ROOM 105
RELOCATED FLZG-N/A 3' CABINET, SEE ELEC DWGS
RELOCATED FLZG-G22010 (2) DOOR FREEZER, SEE ELEC DWGS
(2) RELOCATED FLZG-G20010 (2) DOOR REFRIGERATORS, SEE ELEC DWGS
NEW 1" HIGH THRESHOLD
RELOCATED FLZG-G22010 (2) DOOR FREEZER, SEE ELEC DWGS
NEW REFRIGERATOR, S.S. TABLE, MICROWAVE, & K-CUP MACHINE, SEE ELEC. DRWGS.
NOTE: ALL POINT OF SALE, CHECK OUT AISLES, & SERVICE COUNTERS TO COMPLY W/ IBC 1109.12.2.4, 1109.12.3. PROVIDE SIGNAGE INDICATING ACCESSIBLE AREAS
NOTE: ANSI A117.1, 2017 EDITION TO BE USED AS REFERENCE FOR ALL ACCESSIBILITY ELEMENTS
NOTE: SALES FLOOR TO RECEIVE ALL NEW UNI-GARD CORNER PROTECTORS AFTER NEW VCT IS INSTALLED, TYP. SEE SHEET A1.01
NOTE: SEE SHEET A6.01 FOR ALL RODENT PREVENTION NOTES.
NOTE: REPLACE ALL INFORMATIONAL AND REGULATORY SIGNS (NO PARKING, FIRE LANE, ETC.) WITH NEW SIGNS. SIGNS SHALL MEET LOCAL CODES AND ORDINANCES. VERIFY FINAL LOCATIONS WITH FOOD LION CONSTRUCTION MANAGER PRIOR TO INSTALLATION
1 FLOOR PLAN
A1.03 SCALE: 3/32" = 1'-0"
RELOC DUNNAGE RACK
EXISTING PRODUCE PREP 122
NEW SCALE, SEE ELEC DWGS
NEW 4'x4' FOGGING SYSTEM W/ SOLENOID ON WET DECK CASE - SEE PLUMB'G DWGS
EXISTING PRODUCE COOLER 122A
EXISTING MEAT COOLER 118A
MODIFIED BUSSTRUT W/ 4/6 SPOTS & 8 ROTATD LIGHTS
NEW SOLID FILLER BY DECOR
RELOC COOLER RACK
EXISTING MEAT FREEZER 118B
EXISTING MEAT OFFICE 119
EXISTING H&C ROOM 120
EXISTING ASSOCIATE'S TRAINING RM 121
EXISTING MEAT PREP 118
NEW SOLID FILLER BY DECOR
NEW FULL HEIGHT MTL STUD WALL, SEE DETAIL 12/A3.01
RELOC. STAINLESS STEEL TABLE
RELOC. EVAPORATOR, SEE PLUMB'G DWGS
RELOC HAND WRAP STATION, SEE ELEC
RELOC MEAT GRINDER, SEE ELEC
RELOC HAND WRAP STATION, SEE ELEC
RELOC. EVAPORATOR, SEE PLUMB'G DWGS
EXISTING COUNTER & SHELF
EXISTING JANITOR'S ROOM 117
EXISTING MECHANICAL ROOM 116
EXISTING RECEIVING / GROCERY STAGING 112
EXISTING DEPARTMENT MGR'S OFFICE 115
EXISTING STORAGE FREEZER 114
EXISTING ICE CREAM FREEZER 111
EXISTING DIRECTOR'S OFFICE 110
EXISTING DAIRY COOLER 113
EXISTING WOMEN'S RESTROOM 109
EXISTING MEN'S RESTROOM 108
EXISTING CORRIDOR 107
EXISTING REFRIGERATION CHASE, PAINT P-7(A)
EXISTING CART CORRAL, PAINT GRIZZLE GRAY, P-6(B)
EXISTING SIDEWALK TO BE CLEANED, SEE GENERAL NOTE 34.
EXISTING CAN WASH TO COMPLY W/ NCSBC 1209.2.2
EXISTING RECYCLING CENTER
(2) NEW MARQUEE FRAMES
RELOC. SHOPPING BASKETS
RELOCATED SANI WIPES
RELOC. MART CART, SEE ELEC DWGS
RELOC. PRIMO H2O PICK-UP
RELOC. 1" ICE MERCHANDISER W/ FINISHED BACK (MAINTAIN 8" CLEARANCE FROM WALL), SEE ELEC. DRWGS.
REINSTALL EXISTING FLOOR MOUNTED CART BUMPERS AFTER NEW CARPETING IS INSTALLED, TYP
RELOC. PLAY CENTER, LOTTERY FORMS
RELOC. ITVM LOTTO - SEE ELEC DWGS
RELOC. CONSTAR - SEE ELEC DWGS
RELOC. RUG DOCTOR
NEW PRIMO H2O PICK-UP
RELOC. FORMULA CABINET
RELOC. MART CART, SEE ELEC DWGS
RELOC. FLZGO MOTOR, MOUNT TOP AT 7'-0" A.F.F., SEE ELEC DWGS
RELOCATED SANI WIPES
RELOCATED SANITATION STATION
RELOC. PARAGON RECYCLER - SEE ELEC DWGS
(2) NEW MARQUEE FRAMES
NEW FRAMED OPENING FOR SAFE & RELOC SAFE, SEE SHEET A4.06
NEW GLACIER, SEE ELEC. & PLUMBING DRWGS.
RELOC. PRIMO WATER RETURN, SEE ELEC. DRWGS.
NEW COUNTER & SHELF, SEE SHEET A4.06
MTL STUD INFILL WHERE DOOR & FRAME WERE REMOVED
MTL STUD INFILL WHERE SAFE WAS REMOVED
EXISTING SIDEWALK TO BE CLEANED, SEE GENERAL NOTE 34.
(3) EXISTING PROPANE EXCHANGES
RELOC. FIRE EXTINGUISHER CABINET
RELOC. FIRE EXTINGUISHER CABINET
NEW POWER POLE FOR EQUIPMENT, SEE ELEC. DRWGS
NEW POWER POLE FOR EQUIPMENT, SEE ELEC. DRWGS
NEW FULL HEIGHT MTL STUD WALL, SEE DETAIL 12/A3.01
NEW SOLID FILLER BY DECOR
NEW UNI-GARD CORNER PROTECTOR, TYP IN SALES
EXISTING COUNTER & SHELF
EXISTING CAN WASH TO COMPLY W/ NCSBC 1209.2.2
EXISTING RECEIVING / GROCERY STAGING
EXISTING MECHANICAL ROOM
REFRIGERATION TRENCH
EXISTING DEPARTMENT MGR'S OFFICE
EXISTING STORAGE FREEZER
EXISTING ICE CREAM FREEZER
EXISTING DIRECTOR'S OFFICE
EXISTING DAIRY COOLER
EXISTING WOMEN'S RESTROOM
EXISTING MEN'S RESTROOM
EXISTING CORRIDOR
EXISTING REFRIGERATION CHASE, PAINT P-7(A)
APPLY ANTI-RODENT COATING ON FACE OF DOCK WALL FROM CONCRETE APRON UP TO F.F. (SEE GENERAL NOTE #32)
EXISTING METAL CANOPY TO BE INSPECTED BY THE GENERAL CONTRACTOR. REPAIR & PAINTING TO BE COORDINATED W/ FOOD LION CONSTRUCTION MANAGER. TYPICAL FOR ALL EXISTING METAL CANOPIES
REPLACE EXISTING MANUAL FLUSH VALVE W/ NEW AUTOMATIC FLUSH VALVE - INSTALL STAINLESS STEEL PLATE ON WALL WHERE WORK PERFORMED, SEE ELEC & PLUMBING DWGS
GREASE RECEPTOR
CALL BOX
ELECTRIC
GAS METER
TRANSFORMER
ELECTRIC METER
ELEVATED CONCRETE PAD
GRAVEL
GRASS
ASPHALT
CONCRETE PAD
RAMP DOWN
LANDING
OVERFLOW
4 YARD DUMPSTER
ELECTRIC AREA
ELECTRIC METER
OVERFLOW
LANDING
(6) PARKING SPACES
(5) PARKING SPACES
BENCH
SLOPES DOWN
CONCRETE SIDEWALK
AUTOMATIC DOORS
SPRINKLERED CANOPY
F.D.C.
OVERFLOW
NEW CAFE GATE, SEE SHEET A1.01 AND DOOR SCHEDULE
NEW CAFE GATE, SEE SHEET A1.01 AND DOOR SCHEDULE
NEW NON-RATED 1HR WALL, SEE DETAIL 12/A3.01
NEW NON-RATED 1HR WALL, SEE DETAIL 13/A3.01
NEW 1HR WALL, SEE DETAIL 13/A3.01
NEW 1HR WALL, SEE DETAIL 12




## REFLECTED CEILING LEGEND

### LIGHTING (SEE ELECTRICAL):

- NEW LIGHTS
- RELOCATED LIGHTS
- EXISTING LIGHTS
- EXISTING LIGHTS TO BE REMOVED
- NEW NIGHT LIGHTS
- NEW LIGHTS WITH TUBE SHIELDS
- EXISTING COOLER/FREEZER LIGHTS, SEE ELECTRICAL DRWGS. FOR REPLACEMENTS
- NEW/ RELOCATED COOLER/FREEZER LIGHTS
- EXISTING EXIT LIGHTS
- NEW/RELOCATED EXIT LIGHTS
- EXISTING EMERGENCY LIGHTS
- NEW EMERGENCY LIGHTS

### HVAC & VENTILATION (SEE MECHANICAL):

- EXISTING DIFFUSER
- NEW/RELOCATED DIFFUSER
- EXISTING RETURN
- NEW/RELOCATED RETURN
- EXISTING EXHAUST FAN
- NEW/RELOCATED EXHAUST FAN OR TRANSFER FAN
- EVAP — EXISTING EVAPORATOR
- NEW EVAP — NEW/RELOCATED EVAPORATOR

### SPRINKLER:

- EXISTING SPRINKLER HEAD

REFER TO SHEET A6.01 FOR FINISH MATERIALS LEGEND

### CEILING TYPES:

- X'-X" — CEILING HEIGHT
- GYPSUM BOARD OR EIFS, PAINTED
- FIRE RETARDENT PLYWOOD OR PREFAB CEILING
- EXISTING SUSPENDED CEILING
- NEW SUSPENDED CEILING
- EXPOSED STRUCTURE
- EXTERIOR SOFFIT

NOTE:
SEE SHEET CS-2 FOR SEISMIC DESIGN CATEGORY FOR THIS PROJECT. THE GENERAL CONTRACTOR AND EACH PRIME TRADE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THAT ALL COMPONENTS ARE CONSTRUCTED / INSTALLED TO MEET THE REQUIREMENTS OF THE SPECIFIED SEISMIC DESIGN CATEGORY. THE GENERAL CONTRACTOR AND EACH PRIME TRADE CONTRACTOR TO SUBMIT MANUFACTURER'S STANDARD SEISMIC DETAILS / SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION. THE GENERAL CONTRACTOR AND EACH PRIME TRADE CONTRACTOR TO SUBMIT WRITTEN STATEMENT TO OWNER / DESIGN TEAM PRIOR TO COMMENCEMENT OF WORK ACKNOWLEDGING REQUIREMENT FOR COMPLIANCE WITH ALL SEISMIC REQUIREMENTS. NO CHANGE ORDERS WILL BE ACCEPTED FOR SEISMIC COMPLIANCE.

### GENERAL NOTES:

1. CEILING HEIGHTS FOR ALL NEW CEILINGS SHALL BE AS NOTED IN ALL ROOMS.
2. CEILING GRID TO BE 2'0"x4'0" T-BARS LAID OUT FROM CENTER LINES IN BOTH DIRECTIONS. LAY OUT SO THAT NO TILE LESS THAN HALF SIZE WILL BE USED, EXCEPT AS NOTED. MAIN RUNNERS TO BE 4'-0" ON CENTER WITH MAIN RUNNERS AT ALL LIGHT FIXTURES.
3. GENERAL CONTRACTOR TO COORDINATE THE LOCATION OF SPRINKLER HEADS, LIGHT FIXTURES AND DIFFUSERS IN ALL AREAS WITH ASSOCIATIVE SUB-CONTRATORS.
4. PREP AREA CEILING TILE TO BE A F.R.P. LINED, FOAM PANEL BY NUDO PRODUCTS INC. 2508 S. GRAND AVE. E., SPRINGFIELD, ILLINOIS 62707 PHONE: 1-800-826-4132 - SEE SPECIFICATIONS.
5. RELOCATE EXISTING LIGHT FIXTURES AS NOTED, UNLESS DAMAGED. COORDINATE WITH FOOD LION CONSTRUCTION MANAGER.
6. THE CONTRACTOR SHALL FURNISH TWO EXTRA BOXES OF CEILING TILE FOR EVERY NEW TYPE OF TILE USED IN THE STORE. TO BE LEFT AT THE STORE FOR FUTURE USE.
7. IF APPLICABLE, THE REMOVAL OF EXISTING CEILING TILE IS TO BE DONE BEFORE REMOVAL OF RACK OVEN OR HOOD. NEW RACK OVEN OR HOOD TO BE INSTALLED BEFORE NEW CEILING IS INSTALLED IN THIS AREA. COORDINATE WITH THE CONSTRUCTION MANAGER.
8. THE GENERAL CONTRACTOR SHALL VERIFY THE EXISTING LIGHTING LAYOUT. ANY DISCREPANCIES TO THE LAYOUT SHOWN SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE FOOD LION CONSTRUCTION MANAGER.
9. GENERAL CONTRACTOR SHALL REPAIR THE CEILING GRID & INSTALL NEW TILE WHERE LIGHT FIXTURES HAVE BEEN REMOVED. COORDINATE W/ FOOD LION CONSTRUCTION MANAGER.
10. ALL REPLACED CEILING GRID AND TILE SHALL MATCH EXISTING CEILING IN MATERIAL, COLOR, HEIGHT, AND LOCATION.
11. NEW CEILINGS IN SALES & SUPPORT AREAS TO BE 2x4 ARMSTRONG HUMAGUARD PLUS TILE IN PRELUDE XL GRID - SEE SPECIFICATIONS
12. NEW CEILINGS IN PREP AREAS AND WET LOCATIONS TO BE 2x4 ARMSTRONG VINYL CLAD TILE IN PRELUDE XL GRID
13. NEW HOIST BEAM PUSH TROLLEY TO BE BY SAGINAW PRODUCTS CORPORATION, MODEL #51861 W/ A 2,000 LB LOAD CAPACITY THAT FITS A BEAM FLANGE WIDTH FROM 3 TO 8 INCHES
14. G.C. TO FOLLOW ARMSTRONG DETAILING FOR ALL SEISMIC DETAILING TO MEET SEISMIC REQUIREMENTS FOR CEILING GRIDS. SEE ARMSTRONG CEILINGS WEBSITTE BELOW FOR DETAILING: HTTPS://WWW.ARMSTRONGCEILINGS.COM/COMMERCIAL/EN/PERFORMANCE/CEILINGS-FOR-SEISMIC-DESIGN/INSTALLATION-REQUIREMENTS.HTML
15. SPRINKLERS TO BE ADDRESSED BY THE SPRINKLER CONTRACTOR UNDER A SEPARATE PERMIT. SPRINKLERS TO MEET SEISMIC REQUIREMENTS.

MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA REGISTERED SEAL 049181 ARCHITECT 08/21/2024 ANDREW J. LOPINAS

CORPORATE SEAL:

ALLIANCE ARCHITECTURE OF THE TRIAD P.A. LICENSE NO. 50943 NORTH CAROLINA WINSTON-SALEM, NC

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|
| 1 | 00/00/00 | COMMENTS |

ahold delhaize USA

FOOD LION

2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
www.foodlion.com

Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 08/21/2024

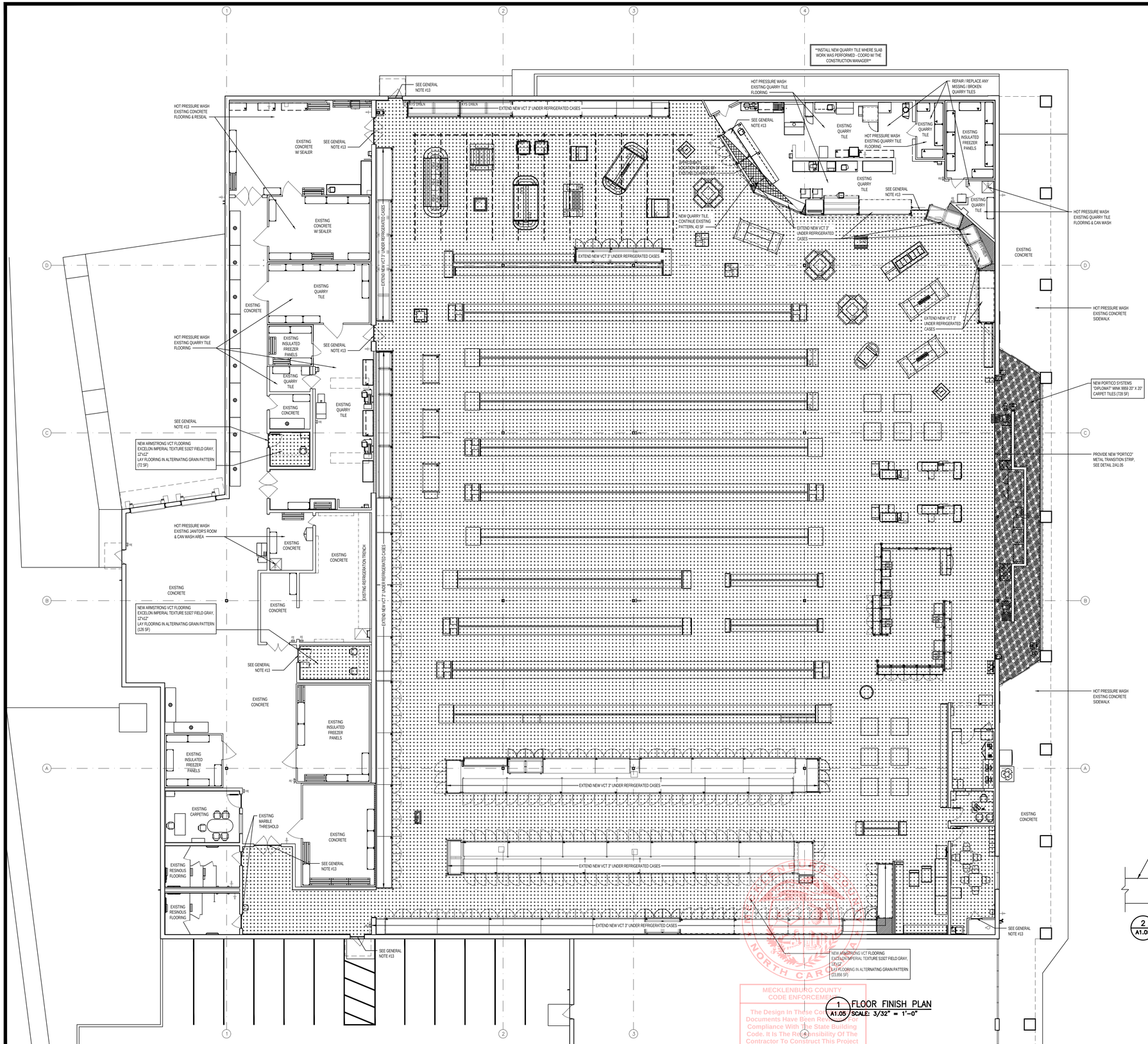
10 OF 44

# A1.04

REFLECTED CEILING PLAN

CHECKED: AJL DRAWN: VPS

FILE NAME: E:\JOBS\24038 - FOOD LION #2216-MINT HILL NC\2216A1.04_A.DWG Aug 18, 2024 - 12:12pm




## GENERAL FLOORING NOTES:

VINYL FLOOR TILE (VCT)

1. SEE SPECIFICATIONS FOR ACCEPTABLE ADHESIVE FOR VINYL COMPOSITION TILE (VCT).
2. THE VINYL COMPOSITION TILE SHALL BE 1/8" MANUFACTURED BY ARMSTRONG.
3. THE GENERAL CONTRACTOR SHALL FURNISH AN ADDITIONAL 4 BOXES OF EACH COLOR OF VCT TO BE LEFT AT THE STORE. COORDINATE WITH THE FOOD LION CONSTRUCTION MANAGER. DISCARD ALL COLORS NO LONGER PRESENT IN THE STORE & ALL BACKSTOCK OVER 4 BOXES PER COLOR.
4. THE GENERAL CONTRACTOR SHALL THOROUGHLY CLEAN AND WAX (2 COATS MINIMUM) VCT IMMEDIATELY AFTER INSTALLATION. ONLY USE CLEANER AND WAX PRODUCTS RECOMMENDED BY THE FLOOR MANUFACTURER.
5. THE FLOORING INSTALLER SHALL PERFORM A CALCIUM CHLORIDE OR HUMIDITY TEST FOR EACH 1,000 SQUARE FOOT AREA WHERE FLOORING WILL BE INSTALLED. THE INSTALLER SHALL PROVIDE A REPORT TO THE FOOD LION CONSTRUCTION REPRESENTATIVE FOR ALL AREAS THAT MOISTURE FALLS ABOVE 5 POUNDS, AND PROVIDE AN APPROPRIATE DAMP PROOF MEMBRANE.
6. THE GENERAL CONTRACTOR SHALL ALTERNATE THE FIELD TILES.

CARPET/MAT TILE

7. ENTRANCE FLOOR TILE SHALL BE "DIPLOMAT" BY PORTICO SYSTEMS WITH TAC FAST BACKING. COLOR SHALL BE "MINK" 9959. DIPLOMAT SHALL BE INSTALLED BY PORTICO SYSTEMS. CONTACT GREG GRIFFIN (864) 527-3148. THE GENERAL CONTRACTOR SHALL FURNISH 5% EXTRA OF THE TOTAL AMOUNT OF DIPLOMAT USED, TO BE LEFT IN THE BACK ROOM OF THE STORE FOR FUTURE USE.
8. ~~PHARMACY CARPET: WHEN APPLICABLE: SHALL BE "DIPLOMAT" BY PORTICO SYSTEMS WITH TAC FAST BACKING. COLOR SHALL BE "MINK". DIPLOMAT SHALL BE INSTALLED BY PORTICO SYSTEMS. CONTACT GREG GRIFFIN (864) 527-3148. THE GENERAL CONTRACTOR SHALL FURNISH 5% EXTRA OF THE TOTAL AMOUNT OF DIPLOMAT USED, TO BE LEFT IN THE BACK ROOM OF THE STORE FOR FUTURE USE.~~

CONCRETE FLOORING

9. ALL PRODUCTS FOR UNDERLAYMENT OF VCT SHALL BE MAPEI TO PROVIDE A COMPLETE MAPEI SYSTEM. SEE SPECIFICATIONS.
10. ~~IN AREAS WHERE FLOOR DRAINS OCCUR, THE FINISH FLOOR SHALL SLOPE 1/16" PER FOOT TO DRAIN.~~
11. ~~SEAL ALL EXPOSED CONCRETE FLOORS WITH AN EXTRA COAT OF CONCRETE SEALER ONE WEEK PRIOR TO GROCERY DELIVERY. SEALER TO BE PER SPECIFICATIONS. COORDINATE WITH FOOD LION CONSTRUCTION MANAGER.~~
12. ~~THE GENERAL CONTRACTOR SHALL USE 10 MIL VAPRO RETARDER AT CONCRETE SLAB EDGES AND 30 LB. FELT AROUND INTERIOR COLUMNS. NO EXPANSION JOINT MATERIAL SHALL BE USED.~~
13. THE GENERAL CONTRACTOR SHALL INSTALL A 5" WIDE 11GA (1/8" THICK) STAINLESS STEEL THRESHOLD WITH COUNTERSUNK SCREWS AND SET IN A FULL BED OF SILICONE TO THE FLOOR FOR DISSIMILAR FLOOR FINISHES/RESINOUS FLOOR AND CONCRETE, VCT AND CONCRETE, RESINOUS FLOOR AND VCT, QUARRY TILE & VCT). GC SHALL INSTALL A BEVELED ADA COMPLIANT MARBLE THRESHOLD AT RESTROOM DOORS (4' WIDE x 5/8" HIGH).
14. ~~EXTERIOR SURECRETE APPLICATION SHALL BE SURECRETE DESIGN PRODUCTS "SURESPRAY PEBBLE TEXTURE" COLOR "FL100". GC SHALL SEAL WITH SUREDECK SOLVENT-BASED OR SURESEAL WATER-BASED PIGMENTED SEALER.~~

RESINOUS DECORATIVE FLOORING

15. ~~RESINOUS FLOORING TO TAPER OFF FLUSH WITH CONCRETE BEHIND COOLER PANEL. DO NOT INSTALL A METAL TRANSITION STRIP.~~
16. RESINOUS DECORATIVE FLOORING SHALL BE PURCHASED FROM DUR-A-FLEX INC. CONTACT KEVIN STEPHENS AT (919) 208-8662 OR FROM PROTECTIVE INDUSTRIAL POLYMERS, CONTACT STEVE McCAMEY AT (804) 937-5000.
17. COORDINATE RESINOUS FLOOR LAYOUT WITH CASE INSTALLER

QUARRY/CERAMIC/PORCELAIN TILE

18. THE GENERAL CONTRACTOR SHALL CLEAN ALL EXISTING TILE IN THE RESTROOMS, MEAT PREP, MEAT COOLER, MEAT STORAGE, DELI/BAKERY PREP, DELI/BAKERY COOLER AND DELI/BAKERY STORAGE. ANY REPAIR OR RENOVATIONS TO BE DONE WITH MATCHING MATERIALS. COORDINATE ALL WORK WITH THE PLUMBING, SLAB AND DEMO PLANS ALONG WITH THE FOOD LION CONSTRUCTION MANAGER PRIOR TO COMMENCING WORK.
19. INSTALL NEW QUARRY, CERAMIC OR PORCELAIN TILE AT A 90° ANGLE TO THE WALL, UNLESS OTHERWISE NOTED; LEVEL WITH FINISHED FLOOR. MATCH EXISTING.
20. ~~RESTROOMS, MEAT PREP, MEAT COOLER, MEAT STORAGE, DELI/BAKERY PREP, DELI/BAKERY COOLER AND DELI/BAKERY STORAGE SHALL HAVE EPOXY GROUT CONFORMING TO TSA AARH HT, ANSI A118.3, FOR ANY REPAIR/REMODEL WORK.~~
21. ~~FLOOR TILE MANUFACTURER SHALL PROVIDE A LETTER CERTIFYING ALL TILES ARE SLIP RESISTANT IN ACCORDANCE WITH CABO/ANSI 117.1-2009 SECTION 302.~~

## FLOOR FINISH LEGEND:

REFER TO SPECIFIC AREA NOTE FOR DIRECT FLOORING INFORMATION

- NEW PERIMETER/FULL VCT FLOORING
- NEW CENTER STORE/PATCH & REPAIR VCT FLOORING
- NEW 2" BORDER TILE
- NEW RESINOUS DECORATIVE FLOORING
- NEW PORCELAIN TILE
- NEW QUARRY TILE
- NEW SURECRETE CONCRETE SEALER
- NEW CARPET TILES
- NEW CONCRETE
- 12" WIDE PAINTED RAT STRIPE

MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA REGISTERED ARCHITECT SEAL 31838 ANDREW J. LOPINAT 01/31/2025

CORPORATE SEAL:

ALLIANCE ARCHITECTURE OF THE TRIAD, PLLC REGISTERED ARCHITECTURAL CORPORATION LICENSE NO. 50943 NORTH CAROLINA WINSTON-SALEM, NC

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|

ahold delhaize USA

FOOD LION

2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 08/21/2024

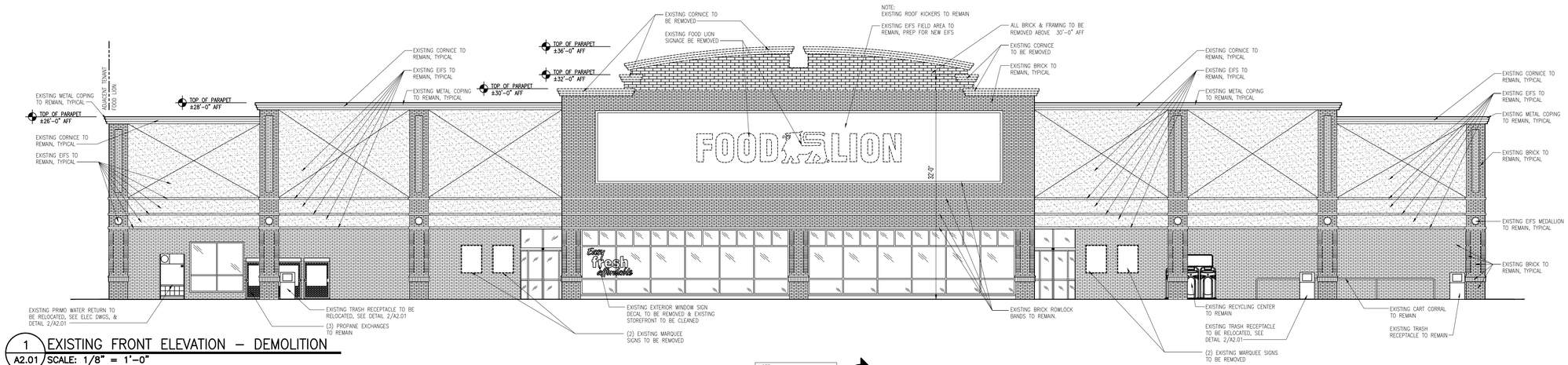
11 OF 44

## A1.05

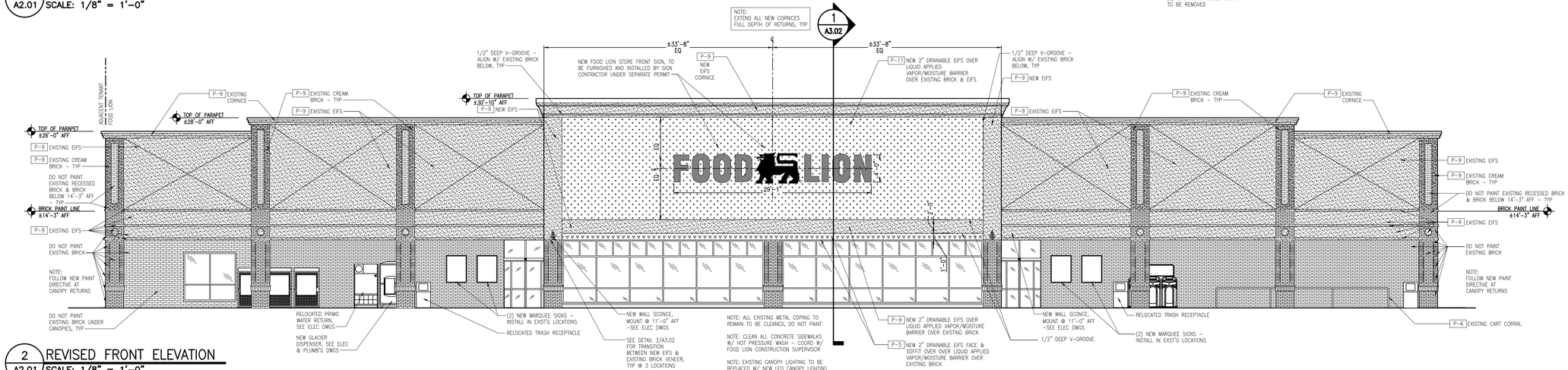
FLOOR FINISH PLAN

CHECKED: AJL DRAWN: VPS

FILE NAME: E:\UOBS\2408 - FOOD LION #2216-MINT HILL NC\2216A1.05_A.DWG Aug 17, 2024 - 4:38pm




1 / A2.01 EXISTING FRONT ELEVATION – DEMOLITION
SCALE: 1/8" = 1'-0"




2 / A2.01 REVISED FRONT ELEVATION
SCALE: 1/8" = 1'-0"

## GENERAL NOTES:

1. THE DOOR PACKAGES SHALL BE EQUIPPED WITH EMERGENCY BREAKAWAY PROVISIONS. INCLUDE BREAKAWAY SIDE LIGHTS ONLY WHEN NOTED.
2. ~~THE GLASS FOR ALL OF THE DOOR PACKAGES SHALL BE 1/4" TINTED SAFETY GLASS.~~
3. ALL PAINT COLORS AND FINISH MATERIALS SHALL BE VERIFIED BY THE FOOD LION CONSTRUCTION MANAGER PRIOR TO ORDERING. FAILURE TO VERIFY PRIOR TO ORDERING WILL RESULT IN GC'S OWNING OF THE REPAINTING COSTS.
4. IF APPLICABLE, THE GENERAL CONTRACTOR SHALL SUPPLY ALL OF THE BLOCKING NECESSARY FOR MOUNTING ALL SIGNS TO THE CANOPY AND SHALL PROVIDE A WALKWAY TO SIGN MOUNTING AREA.
5. GENERAL CONTRACTOR IS TO PROVIDE AND INSTALL A TEMPORARY FENCE AREA FOR STAGING AND STORAGE. THIS WILL BE A ANCHORED CHAIN LINK TYPE FENCE APPROX 8' TALL AND WRAPPED WITH FENCE FABRIC USING SANDBAGS FOR ANCHORING. GC IS TO PROVIDE AMPLE LIGHTING FOR THIS AREA. LOCATION IS TO BE IN THE FRONT PARKING LOT OR REAR OF THE STORE. (COORDINATE WITH FOOD LION CONSTRUCTION MANAGER) THIS AREA IS TO BE USED FOR JOB TRAILERS, MATERIALS, LIFTS AND OTHER CONSTRUCTION NEEDS. GC IS TO REPAIR ALL DAMAGE PRIOR TO LEAVING THE JOB.
6. GENERAL CONTRACTOR IS RESPONSIBLE FOR HANGING REMODEL BANNERS SUPPLIED BY THE MARKET RENEWAL SPECIALIST. ALL EXTERIOR BANNERS ARE TO BE MOUNTED ON THE STOREFRONT MASONRY WITH 1"X4" TREATED WOOD FRAMED OUT. AT THE END OF THE REMODEL, THE GENERAL CONTRACTOR NEEDS TO REMOVE THE BANNERS AND DELIVER THEM TO THE CONSTRUCTION MANAGER.
7. GENERAL CONTRACTOR IS TO REPLACE MISSING OR DAMAGED WEATHER-STRIPPING, SWEEPS AND NEW STYLE CARPET THRESHOLDS ON ALL EXTERIOR DOORS. (THIS INCLUDES AUTOMATIC DOORS.)
8. ANTI-RODENT COATING – APPLY (1) ONE COAT OF SHERWIN WILLIAMS FT910 SURFACING COMPOUND (PRIMER) AND (2) COATS OF ACROLON100 URETHANE (FINISH COAT). COLOR TO MATCH EXISTING EXTERIOR COLOR. APPLY BELOW DOCK DOORS DOWN TO GRADE, THE WIDTH OF DOCK SHELTER
9. ~~REPLACE ALL INFORMATIONAL AND REGULATORY SIGNS (NO PARKING, FIRE LANE, ETC.) WITH NEW SIGNS. SIGNS SHALL MEET LOCAL CODES AND ORDINANCES. VERIFY FINAL LOCATIONS WITH FOOD LION CONSTRUCTION MANAGER PRIOR TO INSTALLATION.~~
10. ~~GC SHALL SEAL ALL HOLES. LEFT FROM REMOVAL OF EXISTING SIGNAGE TO BE WATERTIGHT W/ LIKE MATERIALS OR MATCHING SEALANT. CLEAN/REPAIR SURFACE TO REMOVE ALL "GHOSTING" LEFT FROM REMOVAL OF SIGN.~~
11. ~~GENERAL CONTRACTOR SHALL SAND AND REPAINT ANY NEW & EXISTING EXTERIOR GUARDPOSTS WITH "TRAFFIC YELLOW" PAINT.~~
12. GENERAL CONTRACTOR SHALL SAND AND CLEAN ALL EXTERIOR METAL INCLUDING BUT NOT LIMITED TO STAIRS, CANOPY SUPPORTS, DOORS AND FRAMES, CART CORRALS, GUARD POSTS, ROOFTOP STEEL, ETC. BEFORE REPAINTING (MIN. OF 2 COATS) COORDINATE WITH FOOD LION CONSTRUCTION MANAGER.
13. ANY ROOF WORK SHALL BE DONE BY THE LANDLORD'S APPROVED ROOFING CONTRACTOR
14. ALL UTILITIES TO BE CONCEALED/RECESSED IN EXISTING WALLS
15. ~~THE GC SHALL CONTRACT W/ THE FOLLOWING VENDOR TO SUPPLY & INSTALL NEW HURRICANE TRACK & SHUTTERS TO THE EXTERIOR OF THE (2) NEW AUTOMATIC DOOR PACKAGES AND THE (16) EXISTING STOREFRONT WINDOWS, AND SUPPLY A LARGE BOX FOR THE SHUTTERS.~~
16. EXTERIOR DOORS:
    - § NO DAYLIGHT SHOULD BE VISIBLE AROUND ANY EXTERIOR DOORWAY. WEATHER STRIPPING AROUND (3) SIDES OF THE DOOR AND BRUSHES ALONG THE BOTTOM. MAKE SURE THAT THE BRUSHES REACH ALL THE WAY OUT TO THE SIDES OF THE DOOR FRAME. IF WEATHER STRIPPING IS INSTALLED ALONG THE BOTTOM INSTEAD OF BRUSHES, MAKE SURE THERE IS NO DAYLIGHT VISIBLE ONCE INSTALLED.
    - § ROLL UP DOORS NEED TO BE IN GOOD REPAIR AND FIT TIGHTLY AGAINST THE FLOOR OR WHEN THEY MEET THE DOCK LEVELERS WHEN CLOSED. NO DAYLIGHT SHOULD BE VISIBLE ALONG THE BOTTOM, SIDES AND ALONG THE TOP OF THE DOORS.
    - § DOOR FRAMES NEED TO BE SEALED TO THE WALL AND IN GOOD REPAIR (INCLUDING THE ROLL UP DOORS).
17. DOCK LEVELERS:
    - § BRUSHES NEED TO BE INSTALLED AND IN GOOD REPAIR ON ALL SIDES.
18. EXTERIOR WALLS AT RECEIVING DOCKS:
    - § INSTALL SHEET METAL PANEL (APPROXIMATELY 8' LONG X 4' WIDE) DIRECTLY BELOW DOCK DOOR. INSTALL MINIMUM OF 2' FROM GROUND.

P-9 P-11 P-5

## COLOR MATERIAL LEGEND:

| | |
|---|---|
| P-4 (D) | PAINT "PURE WHITE" SW7005 |
| P-5 | PAINT "FOOD LION BLUE" PANTONE #647C |
| P-6 (B) | PAINT "GRIZZLE" GRAY SW7068 |
| P-9 | PAINT "POPULAR GRAY" SW6071 |
| P-11 | PAINT "EIDER WHITE" SW7014 |

CONSTRUCTION DOCUMENT
Mecklenburg County Land Use & Environmental Services Agency
Document Reviewed For
Compliance With Applicable
North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA REGISTERED SEAL 30101 ARCHITECT ANDREW J. LOPINA

CORPORATE SEAL:

ALLIANCE ARCHITECTURE OF THE TRIAD, PA REGISTERED ARCHITECTURAL CORPORATION LICENSE NO. 50943 NORTH CAROLINA WINSTON-SALEM, NC

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL
# STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

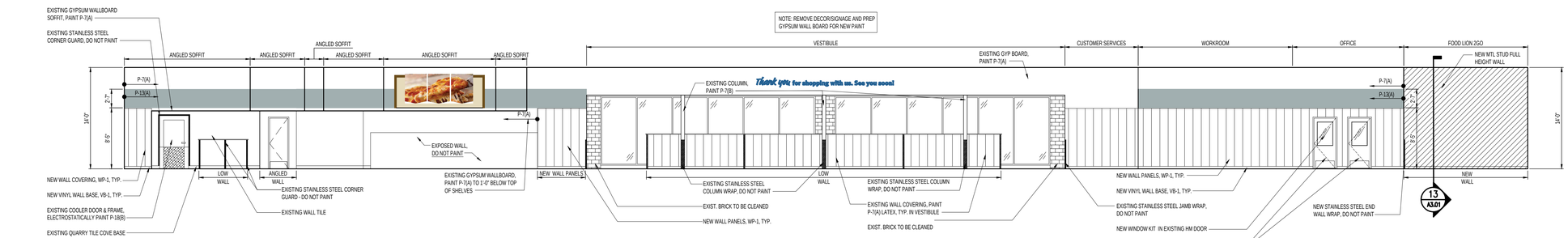
PROJECT NO: 2216FLMK24
DATE: 08/21/2024

12 OF 44

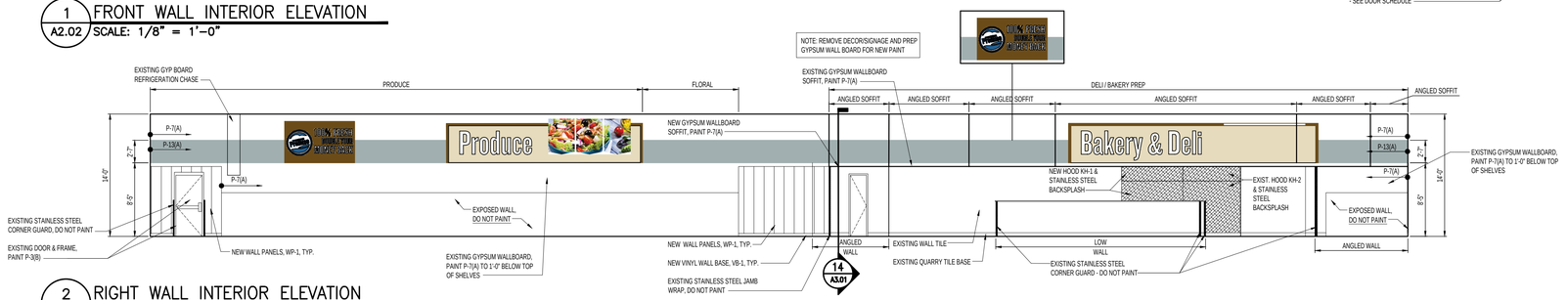
# A2.01
EXTERIOR ELEVATIONS

CHECKED: AJL DRAWN: VPS

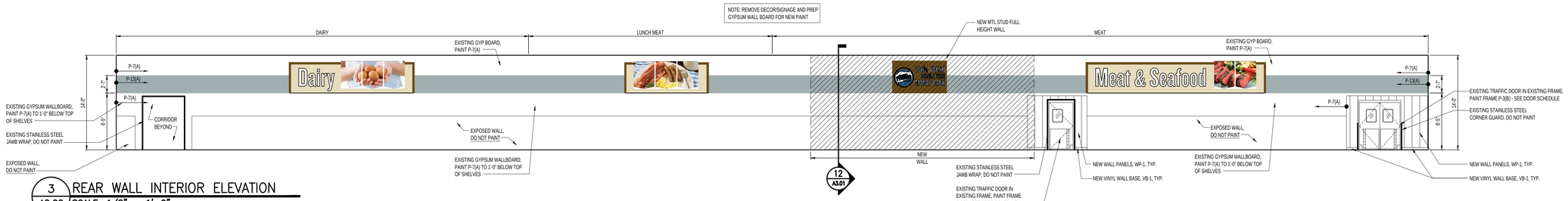
FILE NAME: E:\14085\24038 - FOOD LION #2216-MINT HILL NC\2216A2.01_A.DWG Aug 17, 2024 - 3:18pm



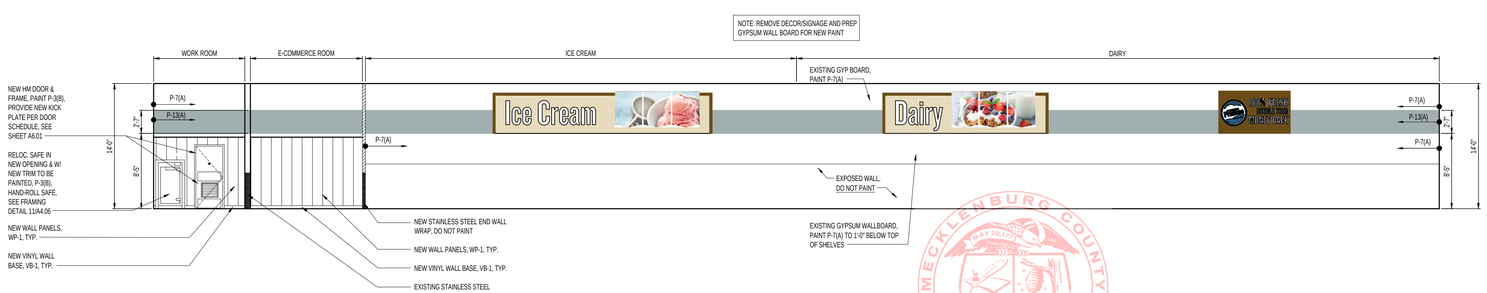

1 A2.02 FRONT WALL INTERIOR ELEVATION
SCALE: 1/8" = 1'-0"




2 A2.02 RIGHT WALL INTERIOR ELEVATION
SCALE: 1/8" = 1'-0"




3 A2.02 REAR WALL INTERIOR ELEVATION
SCALE: 1/8" = 1'-0"




4 A2.02 LEFT WALL INTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. ~~GENERAL CONTRACTOR SHALL INSTALL CONTROL JOINTS IN NEW GYPSUM BOARD WALL FINISH IN SALES AREA AS INDICATED OR AS REQUIRED BY GWB MFGR. AT A MINIMUM, JOINTS SHALL BE 30'-0" O.C. PROVIDE SLIP JOINTS AT CHANGES IN STRUCTURAL SUPPORT.~~
2. ACCESSIBLE SIGNAGE SHALL BE PROVIDED FOR THIS PROJECT TO IDENTIFY THE ACCESSIBLE ELEMENTS IN ACCORDANCE WITH ICC/ANSI A117.1- 2009 CHAPTER 7.
3. ALL PAINT COLORS AND FINISH MATERIALS SHALL BE VERIFIED BY THE CONSTRUCTION MANAGER PRIOR TO ORDERING, IF THIS IS NOT DONE, THE REPAINTING COST WILL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY.
4. GC TO RELOCATE ALL EXISTING EXPOSED CONDUITS ON WALL SURFACES ON FRONT WALL OF SALES AREA. RELOCATED CONDUITS TO BE PLACED IN FURRING SPACE BEHIND GWB. PATCH AND REPAIR GWB AS NECESSARY.
5. ALL EXISTING WALL PANELING (MARLITE) IN CUSTOMER FACING AREAS IS TO REMAIN U.N.O. PATCH / REPAIR / REPLACE AS NECESSARY.
6. ALL EXISTING WOOD TRIM NOT SHOWN IS TO REMAIN, VERIFY WITH THE FOOD LION CONSTRUCTION MANAGER.
7. REFER TO SHEET A6.01 FOR FINISH MATERIAL/COLOR LEGEND.
8. REFER TO SHEET A1.04 FOR CEILING, SOFFIT & STRUCTURE PAINT INFORMATION.
9. DO NOT PAINT EXISTING STAINLESS STEEL TRIM.
10. REMOVE AND REINSTALL EXISTING STAINLESS STEEL CORNER GUARDS AND WALL MOUNTED TRIM AS REQUIRED TO INSTALL NEW FINISHES, TYP.
11. APPLY STAINLESS STEEL CORNER GUARD TO EXPOSED OUTSIDE CORNERS UP TO 4'-0" AFF.
12. ~~ALL CMU WALLS IN THE VESTIBULE & SALES AREA TO RECEIVE LOW GLOSS POLYAMIDE HIGH-BUILD EPOXY. SEE SHEETS A2.02 AND A6.01 FOR PAINT COLORS~~

MECKLENBURG COUNTY NORTH CAROLINA MAY 2017
MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA REGISTERED ARCHITECT SEAL 30,961 ANDREW J. LOPINA

CORPORATE SEAL:

ALLIANCE ARCHITECTURE OF THE TRIAD PA REGISTERED ARCHITECTURAL CORPORATION LICENSE NO. 50943 NORTH CAROLINA WINSTON-SALEM, NC

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|
| 1 | 00/00/00 | COMMENTS |

ahold delhaize USA

FOOD LION

2110 Executive Drive, Salisbury, NC 28145
Telephone: 704.633.8250
www.foodlion.com
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 08/21/2024

13 OF 44

# A2.02

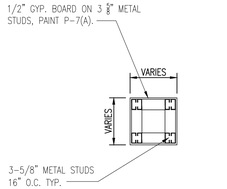
INTERIOR ELEVATIONS

CHECKED: AJL DRAWN: VPS

FILE NAME: E:\JOBS\24038 FOOD LION #2216-MINT HILL NC\2216A02.12_A.DWG Aug 17, 2024 - 3:19pm

NOTES:

1. EXTEND CHASE FRAMING TO UNDERSIDE OF EXISTING DECK. GYP. BOARD TO EXTEND 6" ABOVE EXISTING CEILING.
2. CHASE TO BEGIN AT TOP OF NEW CASES.
3. LATERALLY BRACE NEW CHASE TO EXISTING STRUCTURE.

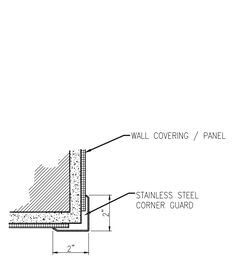



1 A3.01 **REFRIGERATION CHASE DETAIL** 1/2"=1'-0"

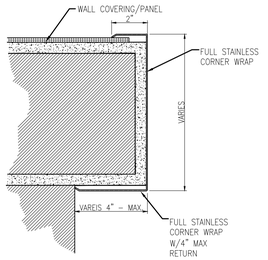
UTILIZE THE GUIDELINES BELOW FOR STAINLESS STEEL WRAPS, CORNER GUARDS, THRESHOLDS, ETC.

1. COLUMN WRAPS - 22 GA., FINISH #3.
2. CORNER GUARDS - 18 GA., FINISH #3. NON-HEMMED EDGES.
3. DOOR FRAME WRAPS - 18 GA., FINISH #3.
4. OVEN/HOOD FLASHING - 20 GA., FINISH #3.
5. DOOR PLATES - 18 GA., FINISH #3.
6. THRESHOLDS - 11 GA., FINISH #2B.

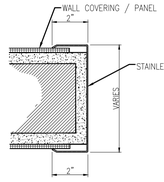
ALL MATERIAL IS STAINLESS STEEL AND SHALL BE PVC COVERED FOR PROTECTION DURING INSTALLATION AND CAULKING.



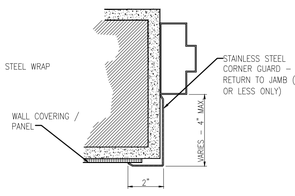

3 A3.01 **STANDARD STAINLESS STEEL CORNER GUARD** 3"=1'-0"



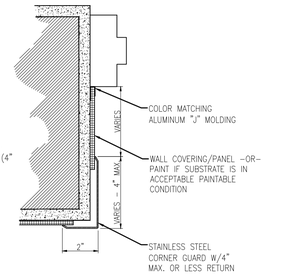

4 A3.01 **STAINLESS STEEL FULL WRAP W/STAINLESS RETURN** 3"=1'-0"




5 A3.01 **STANDARD STAINLESS STEEL FULL WRAP** 3"=1'-0"

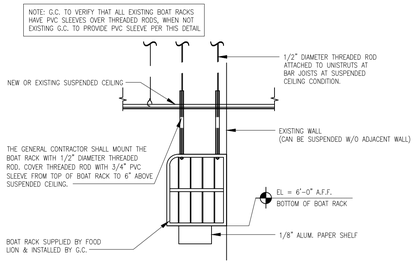



6 A3.01 **STAINLESS STEEL CORNER GUARD W/STAINLESS RETURN** 3"=1'-0"

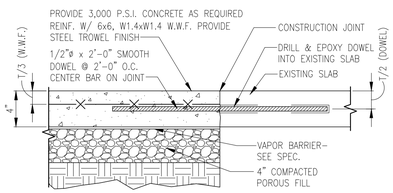



7 A3.01 **STAINLESS STEEL CORNER GUARD W/PANEL RETURN** 3"=1'-0"

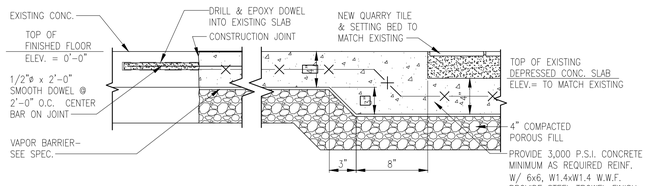
## TYPICAL STAINLESS TRIM DETAILS



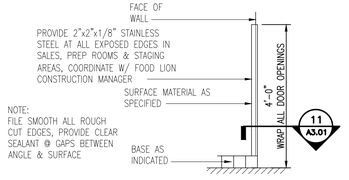

2 A3.01 **SUSPENDED BOAT RACK AT LAY-IN CEILING** 1/2"=1'-0"
TYPICAL AT DELI/BAKERY PREP OR PRODUCE PREP



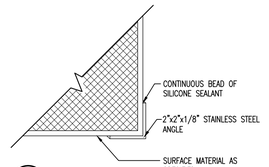

8 A3.01 **SLAB JOINT DETAIL - TYPICAL** SCALE: 1 1/2" = 1'-0"




9 A3.01 **DEPRESSED SLAB JOINT DETAIL** SCALE: 1 1/2" = 1'-0"

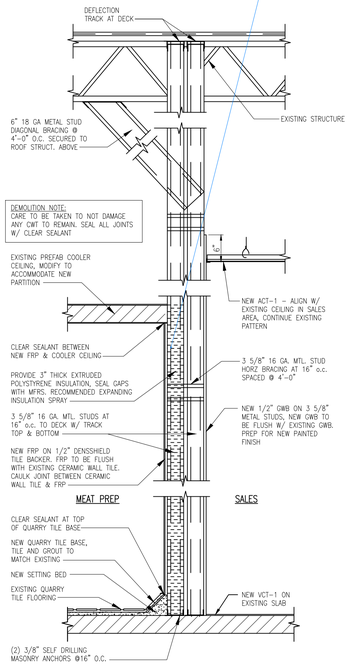



10 A3.01 **CORNER GUARD ELEVATION DETAIL** 1/2" = 1'-0"

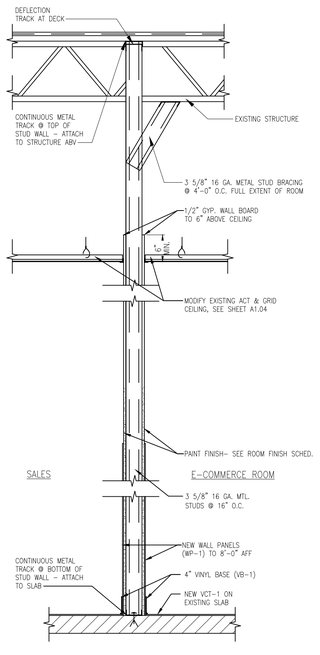



11 A3.01 **PLAN** 3" = 1'-0"

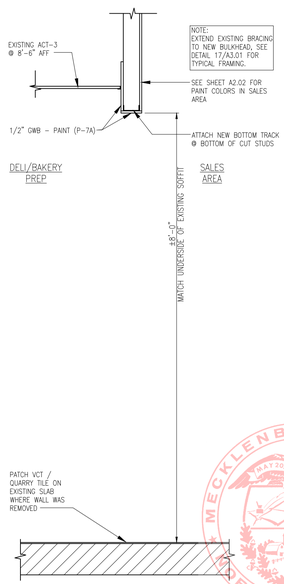
Approved as Noted, Comply with Section 2603.4.1.2 of the North Carolina Building Cooler and freezer walls. Foam plastic installed in a maximum thickness of 10 inches in cooler and freezer walls shall: 1. Have a flame spread index of 25 or less and a smoke-developed index of not more than 450, where tested in a minimum 4-inch thickness. 2. Have flash ignition and self-ignition temperatures of not less than 600°F and 800°F, respectively. 3. Have a covering of not less than 0.032-inch aluminum or corrosion-resistant steel having a base metal thickness not less than 0.0160 inch at any point.



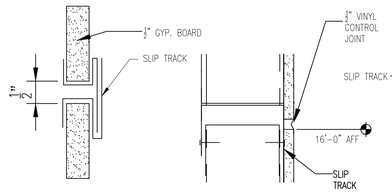

12 A3.01 **SECTION @ GWB WALL BETWEEN MEAT PREP & SALES** 3/4" = 1'-0"




13 A3.01 **SECTION @ GWB WALL BETWEEN SALES & E-COMMERCE ROOM** 3/4" = 1'-0"

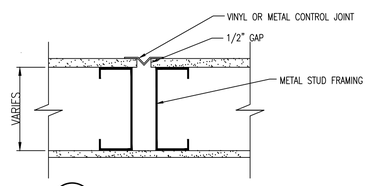



14 A3.01 **SECTION @ NEW DELI/BAKERY BULKHEAD** 3/4" = 1'-0"

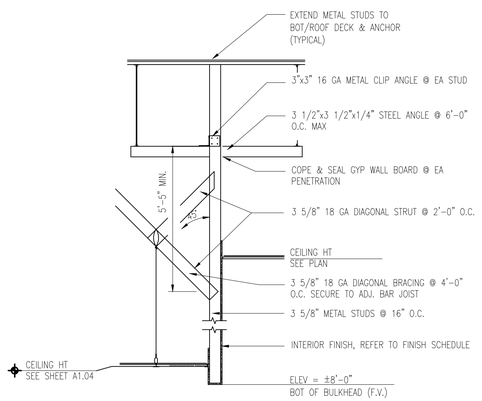



VERTICAL SLIP TRACK HORIZONTAL SLIP TRACK SLIP TRACK

15 A3.01 **SLIP TRACK DETAILS** SCALE: 1 1/2" = 1'-0"




16 A3.01 **CONTROL JOINT DETAIL** 3/4" = 1'-0"




17 A3.01 **TYPICAL FRAMING @ NEW SUSPENDED BULKHEADS** 3/8" = 1'-0"

MECKLENBURG COUNTY NORTH CAROLINA MAY 2021
MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:




CORPORATE SEAL:




REVISIONS

| NO | DATE | REMARKS |
|---|---|---|
| 1 | 00/00/00 | COMMENTS |

ahold delhaize USA

FOOD LION

2110 Executive Drive, Salisbury, NC 28145
Telephone: (704)633-8250
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 08/21/2024

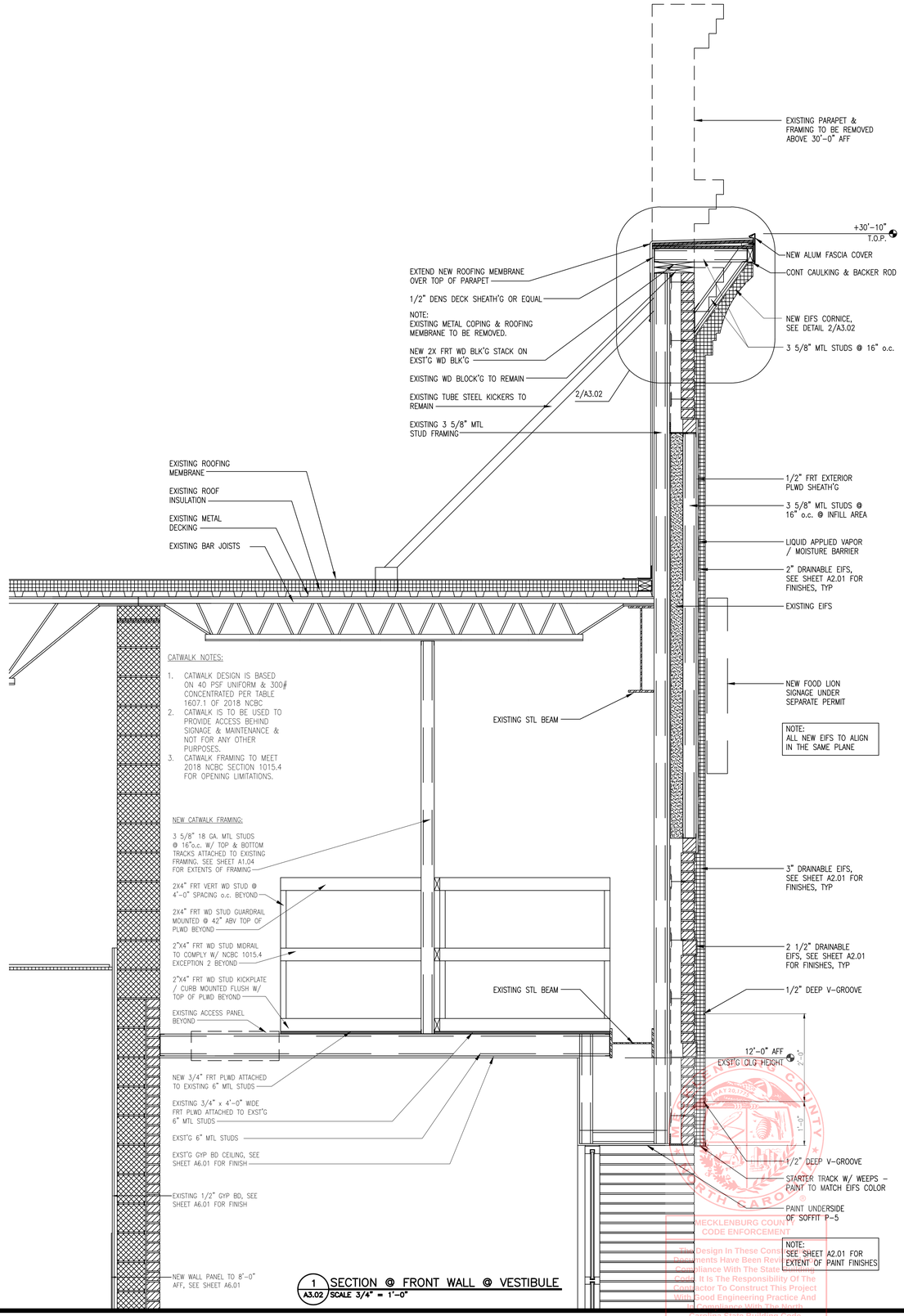
14 OF 44

# A3.01

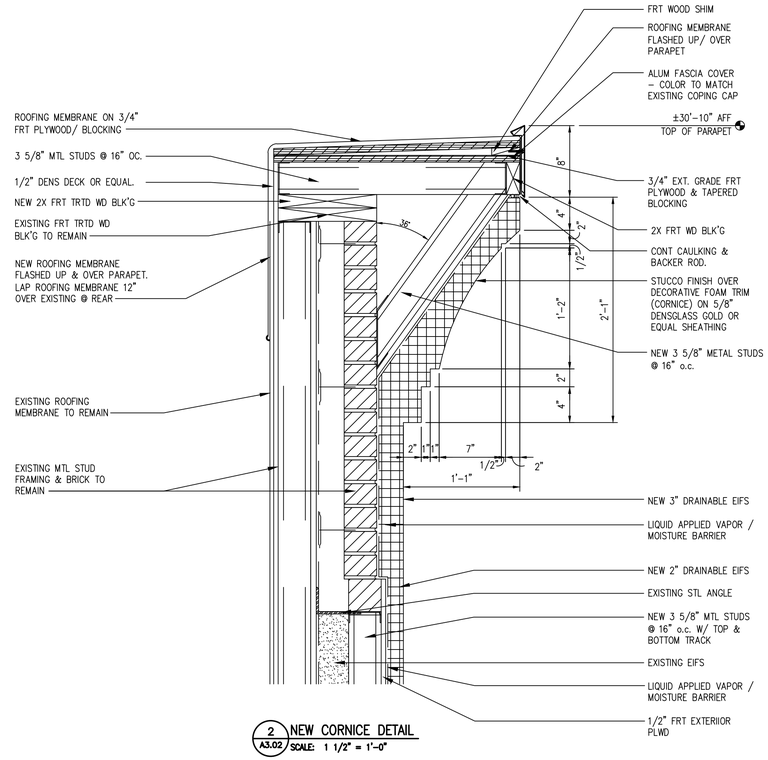
WALL SECTIONS & DETAILS

CHECKED: AJL DRAWN: VPS

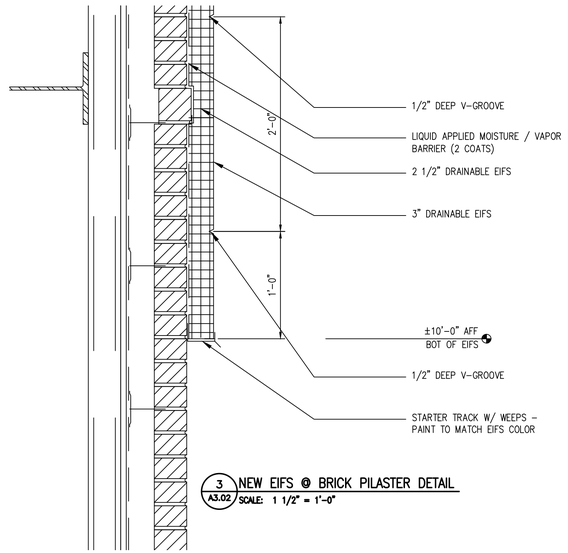
FILE NAME: E:\JOBS\24038 - FOOD LION #2216-MINT HILL NC\2216A3.01_A.DWG Aug 17, 2024 - 3:20pm




1 A3.02 SECTION @ FRONT WALL @ VESTIBULE
SCALE 3/4" = 1'-0"




2 A3.02 NEW CORNICE DETAIL
SCALE: 1 1/2" = 1'-0"




3 A3.02 NEW EIFS @ BRICK PILASTER DETAIL
SCALE: 1 1/2" = 1'-0"

MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Codes. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Accordance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA REGISTERED SEAL 049943 ARCHITECT ANDREW J. LOPINAT 01/21/2025

CORPORATE SEAL:

ALLIANCE ARCHITECTURE OF THE TRIAD PA REGISTERED ARCHITECTURAL CORPORATION LICENSE NO. 50943 NORTH CAROLINA WINSTON-SALEM, NC

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|
| 1 | 00/00/00 | COMMENTS |

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
Telephone: 704.633.8250
Mailing Address: PO Box 1330
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 08/21/2024

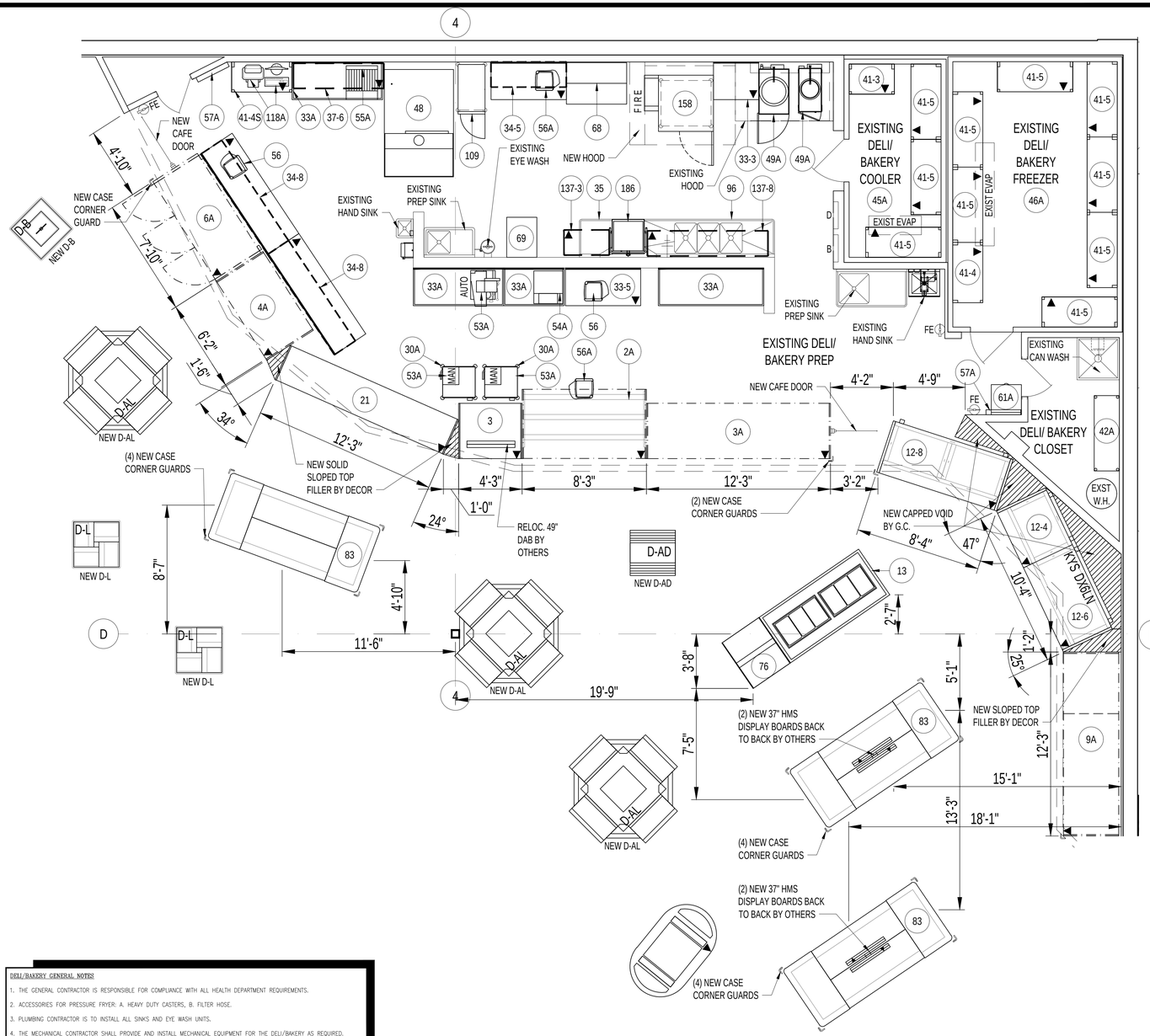
15 OF 44

# A3.02

WALL SECTIONS & DETAILS

CHECKED: AJL DRAWN: VPS

FILE NAME: E:\JOBS\24038 - FOOD LION #2216-MINT HILL NC\2216A3.02_A.DWG Aug 17, 2024 - 3:22pm




## DELI/BAKERY EQUIPMENT SCHEDULE

| | DESCRIPTION | STATUS | SIZE | REQD | MODEL | SUPPLIER/MANUFACTURER |
|---|---|---|---|---|---|---|
| 2A | SERVICE COLD DELI | RELOCATED | ---------- | 1 | ---------- | ---------- |
| 3 | SELF-SERVE COLD DELI | NEW | 4'-0"x3'-8"x4'-7" | 1 | PT-4R-54-SS | HILL PHOENIX |
| 3A | SELF-SERVE COLD DELI | RELOCATED | ---------- | 1 | ---------- | ---------- |
| 4A | SELF SERVE REFRIGERATED BAKERY | RELOCATED | ---------- | 1 | ---------- | ---------- |
| 5A | 3 DOOR REACH IN FROZEN BAKERY | RELOCATED | ---------- | 1 | ---------- | ---------- |
| 9A | SELF-SERVE COLD DELI | RELOCATED | ---------- | 1 | ---------- | ---------- |
| 12-4 | MULTI-DECK SELF SERVE COLD DELI | NEW | 4'-1"x3'-8"x6'-8" | 1 | DX6LN | KYSOR WARREN |
| 12-6 | MULTI-DECK SELF SERVE COLD DELI | NEW | 6'-1"x3'-8"x6'-8" | 1 | DX6LN | KYSOR WARREN |
| 12-8 | MULTI-DECK SELF SERVE COLD DELI | NEW | 8'-1"x3'-8"x6'-8" | 1 | DX8LN | KYSOR WARREN |
| 13 | WING BAR | NEW | 3'-8" x 8'-0" x 4'-8" | 1 | MHPC9644M-FF (TEL) | ATLANTIC HOT FOOD BARS |
| 21 | INLINE CHEESE | NEW | 12'-1"x2'-6"x6'-10" | 1 | QC-12R 30 | HILL PHOENIX |
| 76 | MOBILE HOT FOOD MERCHANDISER | NEW | 3'-0" x 3'-8" x 4'-6" | 1 | MLDH3644 (TEL) | ATLANTIC HOT FOOD BARS |
| 83 | 21' HMS ISLAND | NEW | 10'-7"x4'-7"x4'-2" | 3 | IM-04-CN6-R | HUSSMANN |
| | *** TABLES *** | | | | | |
| 30A | SLICER STAND | RELOCATED | | 2 | | |
| 33-3 | S.S. TABLE W/ BACKSPLASH, 2 SHELVES | NEW | 2'-6" x 3'-0" x 2'-10" | 1 | ST6R5-3036SSW-INT-FL | JOHN BOOS & COMPANY |
| 33-5 | S.S. TABLE W/ BACKSPLASH, 2 SHELVES | NEW | 2'-6" x 5'-0" x 2'-10" | 1 | ST6R5-3060SSW-INT-FL | JOHN BOOS & COMPANY |
| 33A | S.S. TABLES | RELOCATED | ----- | 4 | ----- | ---- |
| 34-5 | S.S. TABLE & BOAT RACK COMBO | NEW | 2'-6" x 5'-0" x 6'-9" | 1 | ST6R5-3060SSW-INT-MBRB-FL | JOHN BOOS & COMPANY |
| 34-8 | S.S. TABLE & BOAT RACK COMBO | NEW | 2'-6" x 8'-0" x 6'-9" | 2 | ST6R5-3096SSW-INT-MBRB-FL | JOHN BOOS & COMPANY |
| 35 | CLEAN DISH TABLE | NEW | 30"Wx26"Lx36"H | 1 | JDTC-20-26R PRO BOWL | JOHN BOOS & COMPANY |
| | *** BOAT RACKS *** | | | | | |
| 37-6 | BOAT RACK | NEW | 72"W x 20"D x 24"H | 1 | MRB7220-2SH-FL (WALL MOUNTED) | JOHN BOOS & COMPANY |
| 137-3 | BOAT RACK | NEW | 36"W x 20"D x 24"H | 1 | MRB3620-2SH-CM-FL (CEILNG HUNG) | JOHN BOOS & COMPANY |
| 137-8 | BOAT RACK | NEW | 96"W x 20"D x 24"H | 1 | MRB9620-2SH-CM-FL (CEILNG HUNG) | JOHN BOOS & COMPANY |
| | *** STORAGE RACKS *** | | | | | |
| 41-3 | COOLER RACKS - 3FT, 4 SHELF | NEW | 3'-0" x 2'-0" x 6'-0" | 1 | SU10-3624-4-T | CHOICE EQUIP |
| 41-4 | COOLER RACKS - 4FT, 4 SHELF | NEW | 4'-0" x 2'-0" x 6'-0" | 1 | SU10-4824-4-T | CHOICE EQUIP |
| 41-5 | COOLER RACKS - 5FT, 4 SHELF | NEW | 5'-0" x 2'-0" x 6'-0" | 10 | SU10-6024-4-T | CHOICE EQUIP |
| 41-4S | COOLER RACKS - 4FT, 4 SHELF (SOLID) | NEW | 4'-0" x 2'-0" x 6'-0" | 1 | SU65-4824-F-HD | CHOICE EQUIP |
| 42A | WIRE RACKS | EXISTING | ----- | 1 | ----- | ---- |
| | *** COOLER AND FREEZER *** | | | | | |
| 45A | WALK-IN-COOLER - DELI/BAKERY | EXISTING | ----- | 1 | ----- | ---- |
| 46A | WALK-IN-FREEZER - DELI/BAKERY | EXISTING | ----- | 1 | ----- | ---- |
| | *** ELECTRIC COOKING/HOLDING EQUIPMENT *** | | | | | |
| 48 | SINGLE RACK OVEN- ELECTRIC | NEW | 4'-7"x4'-3"x8'-4" | 1 | LRO-1E | LBC BAKERY EQUIPMENT |
| 49A | FRYER AND FILTER (SEE NOTE No. 2) | EXISTING/RELOCATED | ---------- | 2 | ---------- | ---------- |
| 109 | AIR FRYER W/ STAND | NEW | 1'-8" x 3'-1" x 3'-7" | 1 | VMC-H4 / 5034118 | ALTO-SHAAM |
| 158 | COMBI OVEN W/ HOOD, STAND, & GREASE COLLECTION CART | NEW | 3'-11" x 2'-9" x 2'-6" (67" H) | 1 | 7-20EVH / 5034845 / 5014542 | ALTO-SHAAM |
| | *** ELECTRIC PREP EQUIPMENT *** | | | | | |
| 53A | SLICERS - (2) MANUAL / (1) AUTOMATIC | RELOCATED | ----- | 3 | ----- | ---- |
| 54A | WRAPPING MACHINE | RELOCATED | ----- | 1 | ----- | ---- |
| 55A | BREAD SLICER | RELOCATED | ---------- | 1 | ---------- | ---------- |
| 56 | SCALE w/BUILT IN PRINTER | NEW | 1'-3" x 1'-5" x 1'-6" | 2 | HTI/HWS-ES | HOBART |
| 56A | SCALE | RELOCATED | ---------- | 2 | ---------- | ---------- |
| 57A | FLY TRAP (~~SEE NOTE No. 8~~) | EXISTING/RELOCATED | ----- | 2 | ----- | ---- |
| 118A | CAKE DECORATOR/PRINTER | RELOCATED | ---------- | 1 | ---------- | ---------- |
| 186 | DISHWASH | NEW | 2'-0" x 2'-6" x 6'-7" | 1 | AM16VLT | HOBART |
| | *** NON-ELECTRIC PREP EQUIPMENT *** | | | | | |
| 61A | DESK (WALL MOUNTED) | EXISTING | ----- | 1 | ----- | ---- |
| 68 | BREADING CART | NEW | 4'-0" x 3'-10" x 2'-9" | 1 | 9148W | UNIFIED BRANDS |
| 69 | DRYING RACK | NEW | 24"Wx32"Lx56"H | 1 | 20230052 | PACD |
| 96 | 3 COMPARTMENT SINK | NEW | 30"Wx103"Lx36"H | 1 | DT3B18244-2D24L | JOHN BOOS & COMPANY |

### DELI/BAKERY GENERAL NOTES

1. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL HEALTH DEPARTMENT REQUIREMENTS.
2. ACCESSORIES FOR PRESSURE FRYER: A. HEAVY DUTY CASTERS, B. FILTER HOSE.
3. PLUMBING CONTRACTOR IS TO INSTALL ALL SINKS AND EYE WASH UNITS.
4. THE MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL MECHANICAL EQUIPMENT FOR THE DELI/BAKERY AS REQUIRED.
5. THE EQUIPMENT LISTED IN THE DELI/BAKERY EQUIPMENT SCHEDULE IS SUPPLIED BY FOOD LION, AND IS SET IN PLACE BY FOOD LION'S REFRIGERATION CONTRACTOR. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL ELECTRICAL, PLUMBING, AND H.V.A.C. EQUIPMENT CONNECTIONS.
6. THE GENERAL CONTRACTOR SHALL INSTALL THE BOAT RACKS THAT ARE PROVIDED BY FOOD LION. THE GENERAL CONTRACTOR SHALL COORDINATE THE EXACT LOCATION WITH A FOOD LION CONSTRUCTION SUPERVISOR.
7. ~~THE PAPER TOWEL HOLDERS ARE SUPPLIED BY FOOD LION AND INSTALLED BY THE GENERAL CONTRACTOR. INSTALL THE PAPER TOWEL HOLDERS AT 5'-0" ABOVE FINISHED FLOOR.~~
8. MOUNT FLY TRAPS AT 5'-0" ABOVE FINISHED FLOOR IN DELI/BAKERY ~~AND PRODUCE AREA~~.
9. ~~TWO ADDITIONAL 5" DIAMETER DISPLAY TAPERS, MODEL No. 4010, 1000 S. SHAW RD., STUART, FL. THE STORE HAS A REFRIGERATED FLORAL DISPLAY.~~
10. THE GENERAL CONTRACTOR SHALL SUPPLY AND INSTALL TWO BROOM HANGERS AND THREE MOP HANGERS AT THE DELI. ALSO SUPPLY AND INSTALL A 12"x36" SHELF IN THE CLOSET AT 6'-0" ABOVE FINISHED FLOOR. COORDINATE LOCATION OF THE SHELF AND HANGERS WITH FOOD LION IF NOT ALREADY INSTALLED.
11. THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL A SYSTEM (1) BANK OF 5 CUPBOARD EACH) FOR HANGING FIFTEEN CUPBOARDS ABOVE THE DESK IN THE DELI IF NOT ALREADY INSTALLED.

1 A4.01 DELI/BAKERY FIXTURE PLAN
1/4" = 1'-0"

MECKLENBURG COUNTY
CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA REGISTERED ARCHITECT SEAL 50943 ANDREW J. LOFINAN 01/21/2025

CORPORATE SEAL:

ALLIANCE ARCHITECTURE OF THE TRIAD, PC REGISTERED ARCHITECTURAL CORPORATION LICENSE NO. 50943 NORTH CAROLINA WINSTON-SALEM, NC

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|

ahold delhaize USA

FOOD LION

2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
fax: 704.636.5030
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 08/21/2024

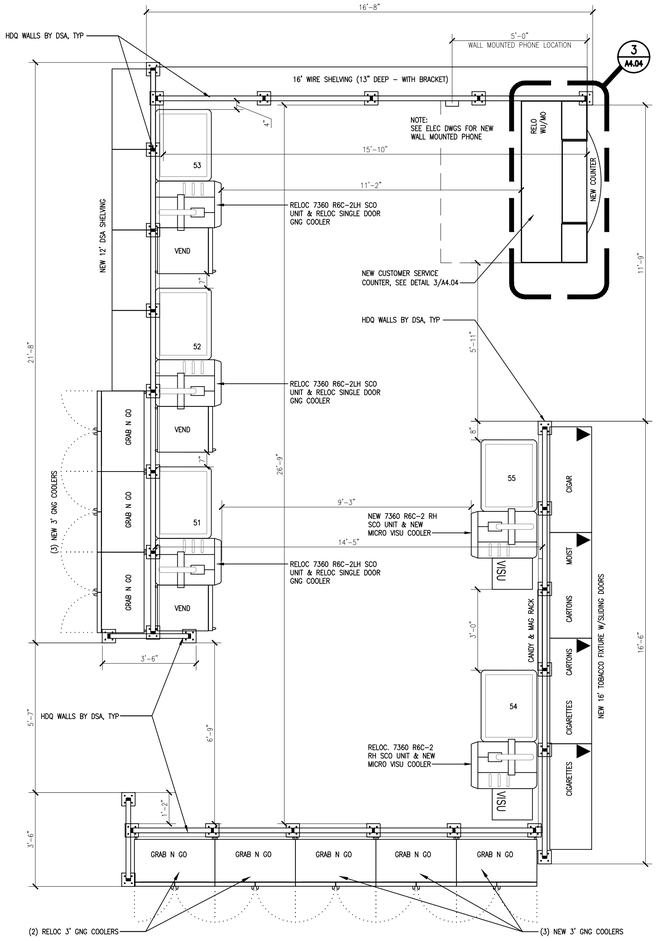
16 OF 44

# A4.01

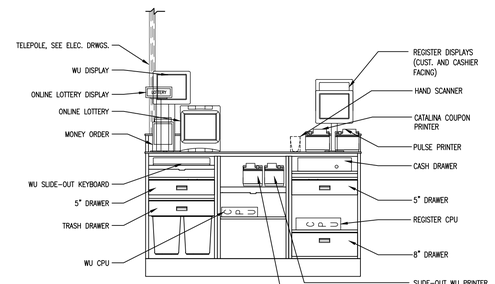
ENLARGED DELI/BAKERY PLAN

CHECKED: AJL DRAWN: VPS

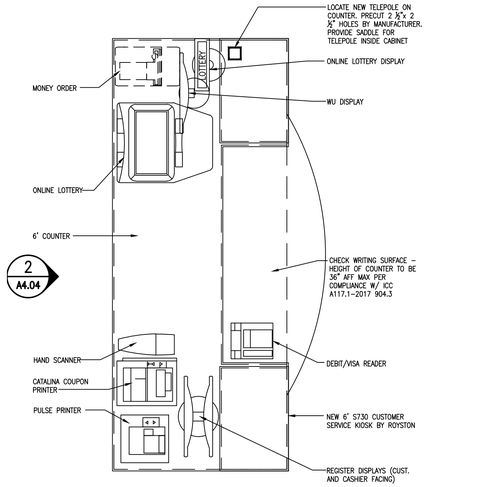
FILE NAME: E:\1LX\DBS\24\08-FOOD LION #2216-MINT HILL NC\2216A4.01_A.DWG Aug 22, 2024 - 11:28am



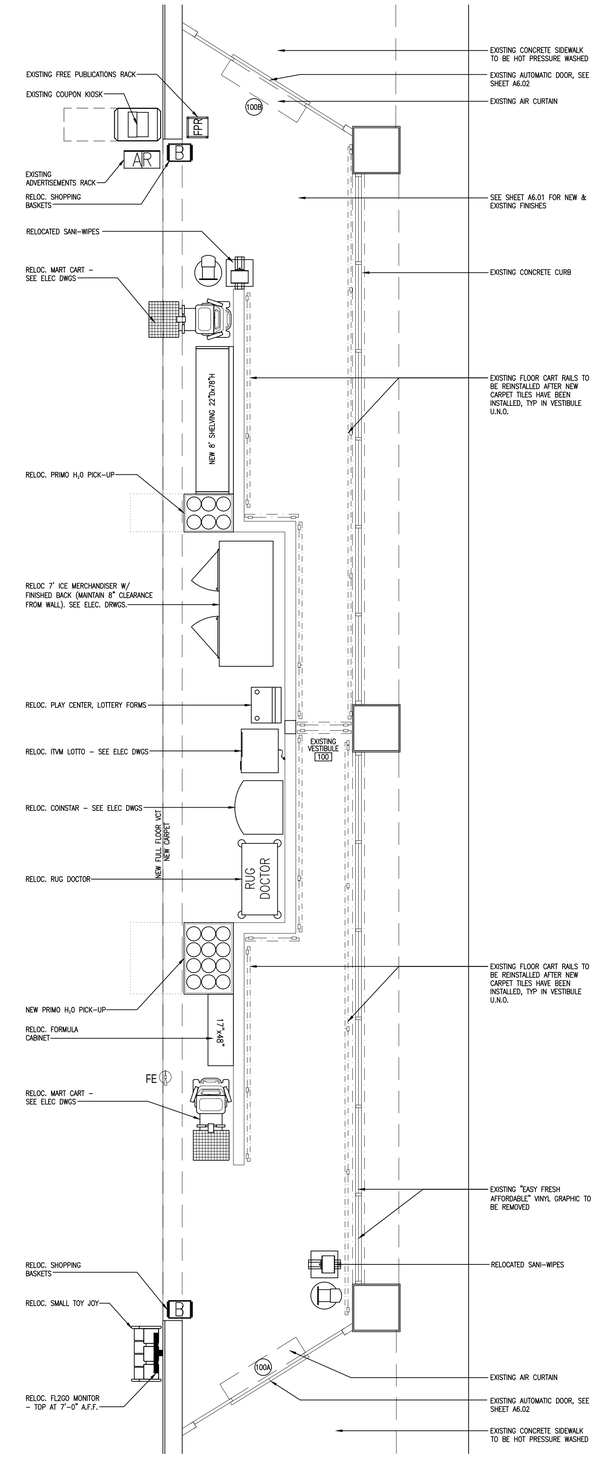

1 A4.04 ENLARGED CUSTOMER SERVICE KIOSK
SCALE: 3/8" = 1'-0"



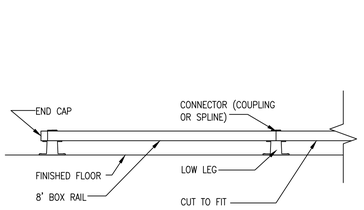

2 A4.04 CUSTOMER SERVICE COUNTER ELEVATION
1/2"=1'-0"



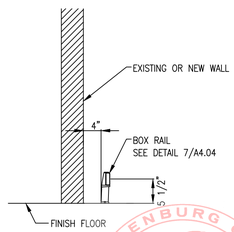

3 A4.04 ENLARGED CUSTOMER SERVICE COUNTER
1"=1'-0"




8 A4.04 ENLARGED VESTIBULE PLAN
SCALE: 1/4" = 1'-0"

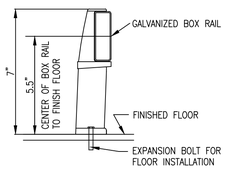



4 A4.04 ENLARGED ELEVATION CART RAIL SYSTEM
3/4" = 1'-0"




5 A4.04 SECTION AT CART RAIL
3/4" = 1'-0"

6 A4.04 NOT USED
N.T.S




7 A4.04 CART RAIL DETAIL
N.T.S

| MANUFACTURED BY: | | McCUE CORP. PHONE # 1-800 (800-8503)<br>BOSTON GROUP PHONE # 1-617 (974-9574) | |
|---|---|---|---|
| BOX RAIL CHART | | | |
| | DESCRIPTION | McCUE | BOSTON |
| QUANTITY (EXIST) | 8' BOX RAIL | CSB-96 | BOX7-8RL |
| QUANTITY (EXIST) | LEGS | CSB-LLK | |
| QUANTITY (EXIST) | END CAPS | CSBE-00 | BOX7-REC |
| QUANTITY (EXIST) | CONNECTORS | CSBC | |
| QUANTITY (EXIST) | ANCHORS | | 110-0.625x4-CCA |
| QUANTITY (EXIST) | MIDDLE BRACKET | | BOX7-BRKT-M |
| QUANTITY (EXIST) | STANDARD BRACKET | | BOX7-BRKT |

THE CART BUMPERS IN THE VESTIBULE ARE INTENDED TO PROTECT BOTH THE WALL AND THE CARTS. THE BUMPERS SHOULD BE FLOOR MOUNTED. BOX RAIL CART BUMPERS ARE AVAILABLE ONLY IN 8 FOOT LENGTHS. MANUFACTURED BY McCUE CORPORATION PHONE # 1-(800) 800-8503, OR BOSTON GROUP PHONE # 1-(617) 974-9574. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES OF BOXRAIL COMPONENTS REQUIRED.

MECKLENBURG COUNTY
CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The Above North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:




CORPORATE SEAL:




REVISIONS

| NO | DATE | REMARKS |
|---|---|---|
| 1 | 00/00/00 | COMMENTS |

ahold delhaize USA

FOOD LION

2110 Executive Drive, Salisbury, NC 28145
(telephone: (704) 633-8250)
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL
# STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 08/21/2024

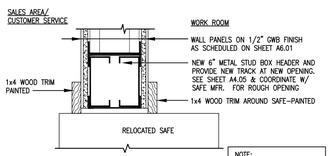
17 OF 44

# A4.04

ENLARGED VESTIBULE & CUSTOMER SERVICE PLANS & DETAILS

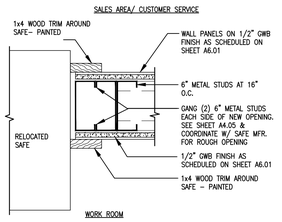
CHECKED: AJL DRAWN: VPS

FILE NAME: E:\JOBS\24038 - FOOD LION #2216-MINT HILL NC\2216A4.04_A.DWG Aug 17, 2024 - 3:34pm




NOTE:
ALL TRIM WORK SHALL BE INSTALLED AFTER SAFE IS PLACED IN OPENING. THE TRIM WORK SHALL FIT TIGHTLY AGAINST SAFE.

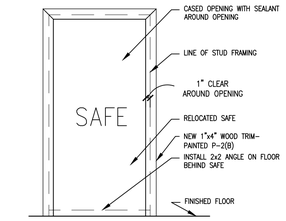
C HEAD
1 1/2"=1'-0"



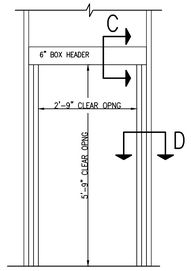

D JAMB
1 1/2"=1'-0"

NOTE: CONTRACTOR TO COORDINATE WALL OPENING W/DIMENSIONS OF RELOCATED SAFE. COORDINATE W/FOOD LION CONSTRUCTION MANAGER.

NOTE: ALL TRIM WORK SHALL BE INSTALLED AFTER SAFE IS PLACED IN OPENING. THE TRIM WORK SHALL BE INSTALLED TIGHTLY AGAINST SAFE.

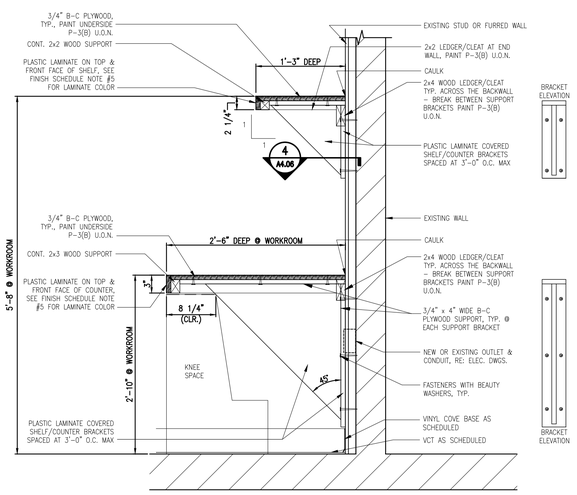



A ELEVATION
1/2"=1'-0"

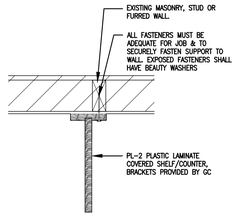



B FRAMING ELEVATION
1/2"=1'-0"

2 A4.06 ROUGH OPENING AND DETAILS @ SAFE




3 A4.06 SECTION AT COUNTER
1" = 1'-0"




4 A4.06 SECTION
1 1-/2" = 1'-0"

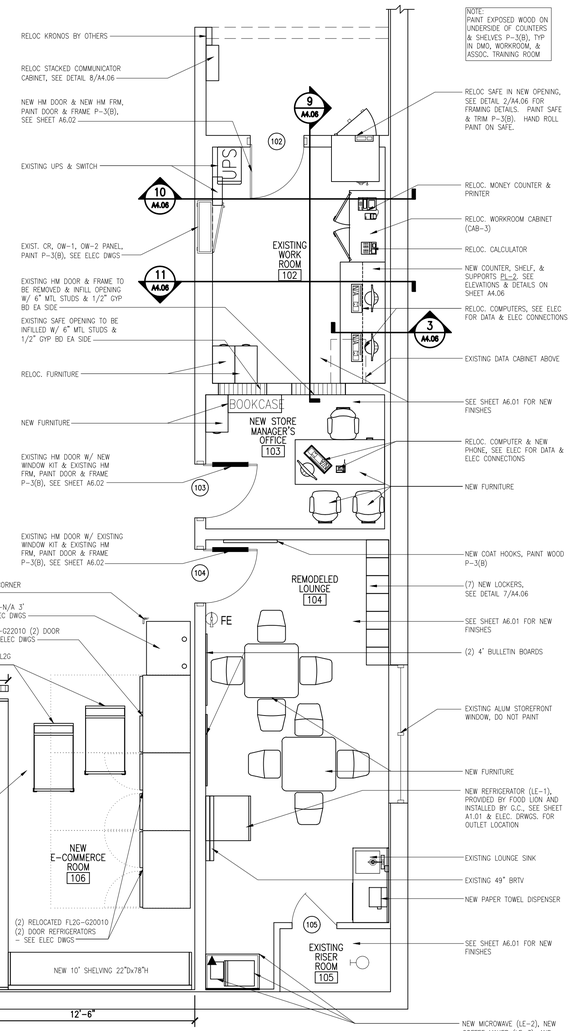
## GENERAL NOTES

1. ALL WOOD TRIM AROUND OPENINGS OR DOORS IS TO REMAIN, UNLESS NOTED OTHERWISE.
2. ALL SHELVING & COUNTER DIMENSIONS ARE TO BE FIELD VERIFIED.

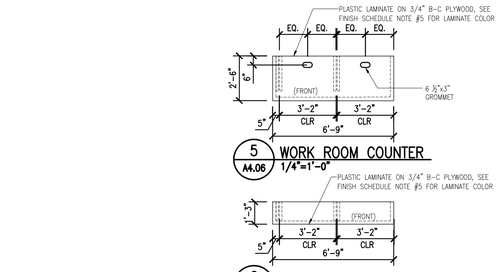
| PRE–FAB CABINETS | NOTE: CABINETS ON THIS LIST ARE TO BE PROVIDED BY FOOD LION AND TO BE INSTALLED BY G.C. | |
|---|---|---|
| CAB–1 | DSD CABINET–LYONS–MODEL S350(FRONT), JOHN BOOS–MODEL RDRS3628–FL (BACK) | EXISTING |
| CAB–2 | T&A CABINET–LYONS–MODEL R435 | N/A. |
| CAB–3 | WORK ROOM CABINET–ROYSTON–MODEL 60082334–153 | RELOC. |
| CAB–4 | CUSTOMER SERVICE KIOSK 6'–MODEL 62160855–282 | NEW |

| LOUNGE EQUIPMENT | NOTE: EQUIPMENT ON THIS LIST IS TO BE PROVIDED BY FOOD LION AND TO BE INSTALLED BY G.C. | |
|---|---|---|
| LE–1 | REFRIGERATOR–FRIGIDAIRE–MODEL #406F05 | NEW |
| LE–2 | MICROWAVE – MIDEA COMMERCIAL PRODUCTS MODEL #1025FOA | NEW |
| LE–3 | COFFEE MAKER–TOUCH ESSENTIALS–MODEL #T214B | NEW |
| LE–4 | S.S. TABLE–JOHN BOOS & CO.–MODEL #ST6R5–2436SSW | NEW |
| LE–5 | LOUNGE SINK.–MODEL #BRC–5024–HW–FL | EXISTING |

MILLWORK NOTES:
1. USE 3/4" FINISH GRADE B–C PLYWOOD.
2. SUPPORT BRACKET SPACING NOT TO EXCEED 3'–0" U.N.O.
3. THE CONTRACTOR SHALL LAMINATE ALL EXPOSED PLYWOOD SURFACES; REFER TO FINISH SCHEDULE NOTE #5 ON SHEET A6.01.
4. ALL SHELVING & COUNTER DIMENSIONS ARE TO BE FIELD VERIFIED.
5. GC SHALL PROVIDE ANY BLOCKING NECESSARY.



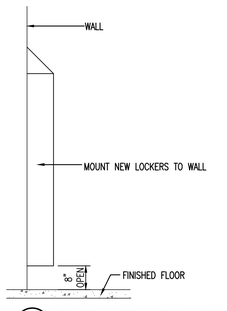

1 A4.06 NEW E–COMMERCE ROOM, REMODELED LOUNGE & WORKROOM, NEW STORE MGR'S OFFICE DETAIL PLAN
1/4" = 1'-0"



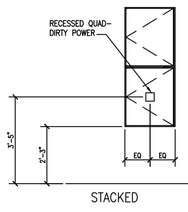

5 A4.06 WORK ROOM COUNTER
1/4"=1'-0"



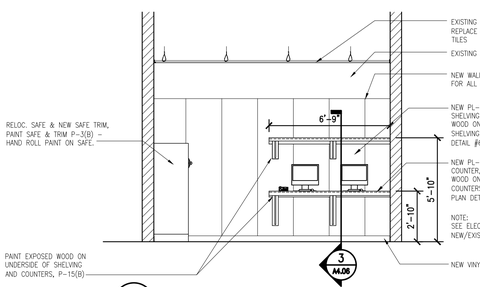

6 A4.06 WORK ROOM SHELF
1/4"=1'-0"



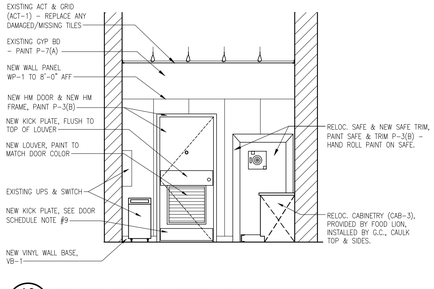

7 A4.06 LOCKER INSTALLATION DETAIL
1/2" = 1'-0"



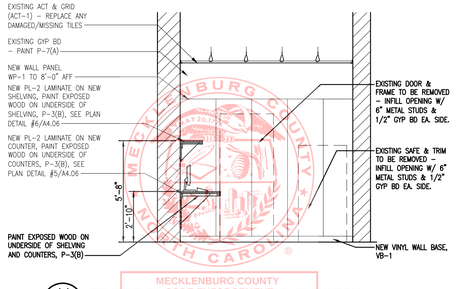

8 A4.06 COMMUNICATION CABINET INSTALLATION DETAIL
SCALE: NTS




9 A4.06 REMODELED WORK ROOM ELEVATION
SCALE: 1/4" = 1'-0"




10 A4.06 REMODELED WORK ROOM ELEVATION
SCALE: 1/4" = 1'-0"




11 A4.06 REMODELED WORK ROOM REAR ELEVATION
SCALE: 1/4" = 1'-0"

MECKLENBURG COUNTY
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA REGISTERED ARCHITECT SEAL 032074 ANDREW J. LOFFINAR

CORPORATE SEAL:

ALLIANCE ARCHITECTURE OF THE TRIAD, PLLC REGISTERED ARCHITECTURAL CORPORATION LICENSE NO. 50943 NORTH CAROLINA WINSTON-SALEM, NC

REVISIONS
NO DATE REMARKS
1 00/00/00 COMMENTS

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
Telephone: (704)633-8250
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 08/21/2024



# A4.06

ENLARGED OFFICE AND LOUNGE PLANS & DETAILS

CHECKED: AJL DRAWN: VPS

FILE NAME: E:\JOBS\24038 – FOOD LION #2216-MINT HILL NC\2216M4.06_A.DWG Aug 18, 2024 – 10:33am

(*" INDICATES A NEW ROOM)

# ROOM FINISH SCHEDULE

| NO. | ROOM NAME | FLOOR | BASE | WALL MATERIAL/ FINISH | TRIM | CEILING | CEILING HEIGHT | NOTES AND COMMENTS |
|---|---|---|---|---|---|---|---|---|
| 100 | VESTIBULE | NEW CPT-1 | NEW VB-1<br>EXIST MQBR | EXIST BRICK – CLEAN<br>EXIST GYP BD & SOFFITS – PAINT P-7(A). EXISTING PAINTED WALL PANELS – PAINT P-7(A). | EXIST STAINLESS STEEL CORNER GUARDS. | EXIST GYP BD-PAINT P-4(D) | 12'-0" | FINISH SCHEDULE NOTES 7-REFER TO DOOR SCHEDULE. GENERAL NOTE 5 – REPLACE ANY DAMAGED DAMAGED / MISSING STAINLESS STEEL CORNER GUARDS. PATCH / REPAIR CEILING WHERE RECESSED CAN LIGHTING REMOVED. |
| 101 | SALES AREA | NEW VCT-1 | NEW VB-1 | NEW WALL PANELS (WP-1) TO REPLACE EXISTING w/P-7(A) @ GYP BD ABOVE UP TO CEILING AT FRONT WALL. NEW WALL PANELS (WP-1) TO REPLACE EXISTING w/P-13(A) STRIPE & P-7(A) @ GYP BD ABOVE UP TO CEILING AT ALL OTHER SALES WALLS. | EXIST STAINLESS STEEL CORNER GUARDS. NEW WOOD TRIM @ SAFE: P-3(B) EPOXY | EXIST ACT-1 | 14'-0" | FINISH SCHEDULE NOTES #1, 3, 5, 7-REFER TO DOOR SCHEDULE, 13, 15, 16, 17, 18, & 19. COORDINATE ALL PAINTING IN SALES AREA W/ FOOD LION CONSTRUCTION SUPERVISOR. GENERAL NOTE 5. |
| 102 | WORKROOM | NEW VCT-1 | NEW VB-1 | FULL HEIGHT GYP BD WALLS – PAINT P-7(A) EPOXY.<br>GYP BD ABV WALL PANELS – PAINT P-7(A) LATEX.<br>NEW WALL PANELS (WP-1) TO 8'-0" AFF TO REPLACE EXISTING. | P-3(B) EPOXY @ SAFE (INSIDE & OUTSIDE WORK ROOM), PANEL COVERS | EXIST ACT-1 | 10'-0" | FINISH SCHEDULE NOTES #1, 5-NEW COUNTER & SHELF (SEE SHEET A4.06), 7-REFER TO DOOR SCHEDULE, & 16. PAINT VISIBLE WOOD UNDER SHELVES & COUNTERS P-3(B). GENERAL NOTE 5. |
| 103 | STORE MANAGER'S OFFICE | NEW VCT-1 | NEW VB-1 | NEW WALL PANELS (WP-1) TO 8'-0" AFF TO REPLACE EXISTING. GYP BD ABV WALL PANELS – PAINT P-7(A) LATEX. | – | EXIST ACT-1 | 10'-0" | FINISH SCHEDULE NOTES #1 & 7-REFER TO DOOR SCHEDULE. |
| 104 | LOUNGE | NEW VCT-1 | NEW VB-1 | NEW WALL PANELS (WP-1) & COORDINATING TRIM TO REPLACE EXISTING. INSTALL NEW PANELS TO 6" ABV FIN CEILING. | WOOD TRIM: P-3(B) EPOXY | NEW ACT-1 & GRID | 7'-11" | FINISH SCHEDULE NOTES #1 & 7-REFER TO DOOR SCHEDULE. INSTALL NEW CEILING GRID @ EXISTING HEIGHT. GENERAL NOTE 5. |
| 105 | RISER ROOM | EXIST CONC. | – | EXIST CMU / GYP BD – PAINT P-7(C) EPOXY. | – | EXIST GYP BD – PAINT P-4(B) EPOXY | 12'-0" | FINISH SCHEDULE NOTE #7 – REFER TO DOOR SCHEDULE. |
| 106* | E-COMMERCE AREA | NEW VCT-1 | NEW VB-1 | NEW WALL PANELS WP-1 TO 8'-0" AFF w/P-13(A) STRIPE & P-7(A) @ GYP BD ABOVE UP TO CEILING. | NEW STAINLESS STEEL CORNER GUARDS. | NEW / EXIST ACT-1 | 14'-0" | FINISH SCHEDULE NOTE #1. |
| 107 | CORRIDOR | NEW VCT-1 | NEW VB-1 | EXIST PAINTED WALL PANELS – PAINT P-7(A) LATEX. | EXIST STAINLESS STEEL CORNER GUARDS / EXIST WALL BUMPER | EXIST ACT-1 | 8'-10" | FINISH SCHEDULE NOTES #7-REFER TO DOOR SCHEDULE. GENERAL NOTE 5. |
| 108 | MEN'S RESTROOM | EXIST RESINOUS FLOORING | EXIST RESINOUS | EXIST CWT | COVE CROWN MOLDING – PAINT P-4(A) EPOXY | EXIST GYP BD-PAINT P-4(A) EPOXY | 7'-11" | FINISH SCHEDULE NOTES #7-REFER TO DOOR SCHEDULE. |
| 109 | WOMEN'S RESTROOM | EXIST RESINOUS FLOORING | EXIST RESINOUS | EXIST CWT | COVE CROWN MOLDING – PAINT P-4(A) EPOXY | EXIST GYP BD-PAINT P-4(A) EPOXY | 7'-11" | FINISH SCHEDULE NOTES #7-REFER TO DOOR SCHEDULE. |
| 110 | DIRECTOR'S OFFICE | EXIST CPT | EXIST VB | EXISTING PAINTED WALL PANELS – PAINT P-7(A) LATEX. | – | EXIST ACT-2 | 8'-0" | FINISH SCHEDULE NOTE #7 – REFER TO DOOR SCHEDULE. |
| 111 | ICE CREAM FREEZER | EXIST MTP | FRPB | EXIST PREFAB PNL | – | EXISTING PRE-FAB PANEL | EXIST | – |
| 112 | GROCERY STAGING / RECEIVING | EXIST CS | EXISTING | EXIST CMU | – | EXPOSED STRUCTURE | EXIST | FINISH SCHEDULE NOTES #2, 4, 7-REFER TO DOOR SCHEDULE. |
| 113 | DAIRY COOLER | EXIST CS | EXISTING | EXIST PREFAB PNL | – | EXIST PRE-FAB PANEL | EXIST | HOT PRESSURE WASH EXISTING FLOORING. |
| 114 | STORAGE FREEZER | EXIST MTP | FRPB | EXIST PREFAB PNL | – | EXISTING PRE-FAB PANEL | EXIST | – |
| 115 | DEPARTMENT MANAGER'S OFFICE | NEW VCT-1 | NEW VB-1 | EXIST WALL PANELS (WP-2). | CROWN MOLDING: PAINT P-4(B) EPOXY | EXIST GYP BD-PAINT P-4(D) | 8'-0" | FINISH SCHEDULE NOTES #1 & 7-REFER TO DOOR SCHEDULE. GENERAL NOTE 5. |
| 116 | MECHANICAL ROOM | EXIST CS | – | EXIST CMU | – | EXPOSED STRUCTURE | EXIST | FINISH SCHEDULE NOTE #7 – REFER TO DOOR SCHEDULE. |
| 117 | JANITOR'S ROOM | EXIST CS – CLEAN | – | EXIST CMU – PAINT P-4(C) EPOXY | – | EXIST GYP BD – PAINT P-4(B) EPOXY | 8'-1" | HOT PRESSURE WASH EXISTING CAN WASH & FLOORING. FINISH SCHEDULE NOTE #7 (FRAME)– REFER TO DOOR SCHEDULE. |
| 118 | MEAT PREP | EXIST QT | EXIST QTB | EXIST WHITE FRP. | – | EXISTING PRE-FAB PANEL | 9'-11½" | FINISH SCHEDULE NOTE #7 – REFER TO DOOR SCHEDULE. HOT PRESSURE WASH EXISTING FLOORING. |
| 118A | MEAT COOLER | EXIST QT | EXIST QTB | EXIST PREFAB PNL | – | EXISTING PRE-FAB PANEL | EXIST | HOT PRESSURE WASH EXISTING FLOORING. |
| 118B | MEAT FREEZER | EXIST MTP | FRPB | EXIST PREFAB PNL | – | EXISTING PRE-FAB PANEL | EXIST | – |
| 119 | MEAT OFFICE | NEW VCT-1 | NEW VB-1 | EXIST PREFAB PNL.<br>EXIST CMU – PAINT P-4(C) EPOXY | | EXIST PLWD – PAINT P-4(B) EPOXY. | 8'-2" | FINISH SCHEDULE NOTE #7 – REFER TO DOOR SCHEDULE. |
| 120 | HBC ROOM | EXIST CS | – | EXIST CMU | – | EXIST PLWD | 8'-0" | FINISH SCHEDULE NOTE #7 – REFER TO DOOR SCHEDULE. |
| 121 | ASSOCIATE'S TRAINING ROOM | NEW VCT-1 | NEW VB-1 | PAINTED WALL PANELS – PAINT P-7(B) EPOXY | – | EXIST ACT-1 | 9'-0" | FINISH SCHEDULE NOTES #1 & 7-REFER TO DOOR SCHEDULE. |
| 122 | PRODUCE PREP | EXIST CS – RESEAL | EXIST CS–RESEAL | EXIST FRP – CLEAN.<br>EXIST CMU – PAINT P-4(C) EPOXY | – | EXIST ACT-2 | 9'-11" | FINISH SCHEDULE NOTES #7 – REFER TO DOOR SCHEDULE. HOT PRESSURE WASH EXISTING FLOORING. REMOVE 2X6 WALL BASE @ CMU WALLS. |
| 122A | PRODUCE COOLER | EXIST CS – RESEAL | EXIST CS–RESEAL | EXIST PREFAB PNL | – | EXIST PRE-FAB PANEL | EXIST | FINISH SCHEDULE NOTE #2. HOT PRESSURE WASH EXISTING FLOORING. |
| 123 | DELI / BAKERY PREP | EXIST QT | EXIST QTB | EXISTING CWT & CWT ACCENT BAND. | P-18(B) PANEL COVERS | EXIST ACT-3 | 8'-6" | RE: SHEET A2.02. FINISH SCHEDULE NOTE #7 – REFER TO DOOR SCHEDULE. HOT PRESSURE WASH EXISTING FLOORING. GENERAL NOTE 5. |
| 123A | DELI / BAKERY COOLER | EXIST QT | EXIST QTB | EXIST PREFAB PNL | – | EXIST PRE-FAB PANEL | EXIST | FINISH SCHEDULE NOTE #12. HOT PRESSURE WASH EXISTING FLOORING. |
| 123B | DELI / BAKERY FREEZER | EXIST MTP | EXISTING | EXIST PREFAB PNL | – | EXIST PRE-FAB PANEL | EXIST | FINISH SCHEDULE NOTE #12 |
| 124 | DELI / BAKERY CLOSET | EXIST QT | EXIST QTB | EXISTING FRP PANELS. | – | EXIST PLWD – PAINT P-4(B) EPOXY | 8'-0½" | FINISH SCHEDULE NOTES #7 – REFER TO DOOR SCHEDULE. HOT PRESSURE WASH EXISTING FLOORING. |

## GENERAL NOTES:

1. ALL CONSTRUCTION TO BE TYPE IIB OR BETTER (NCSBC)
2. REFER TO SHEET A1.04 FOR ADDITIONAL CEILING INFORMATION.
3. REFER TO SHEET A2.02 FOR SALES FINISH
4. REFER TO CS-1 FOR NATIONAL ACCOUNT INFORMATION
5. REPLACE ANY BROKEN/ DAMAGED MATERIALS (ACT, FLOOR/WALL TILE, WALL PANELS, ETC.) TO MATCH EXISTING UNLESS NEW SPECIFICATION IS LISTED.
6. DO NOT PAINT POLISHED ALUMINUM TRIM.
7. REFER TO A1.05 FOR FLOOR FINISHES.
8. ALL FLOOR FINISHES TO COMPLY W/ NCSBC 804.4.
9. ALL CEILING AND WALL FINISHES TO COMPLY W/ NCSBC 803.11.
10. ALL CAN WASHES TO COMPLY W/ NCSBC 1210.2.2.

## FINISH SCHEDULE NOTES (35-17 DECOR):

1. MARLITE BRAND PANELS (MBP): USE TRADITIONAL PROFILE ALUMINUM TRIM PIECES WITH A FACTORY FINISH TO MATCH MARLITE. INSTALL MARLITE BRAND PANELS PER MANUFACTURER'S SPECIFICATIONS. USE ONLY ACCEPTABLE MARLITE ACCESSORIES.
   - SEE FINISH MATERIAL/COLOR LEGEND FOR NEW MARLITE BRAND PANELS (MATCH EXISTING)
2. CAULK 2x6 P.T. WOOD BASEBOARD AT COOLER/FREEZER PANELS & METAL STUD WALLS IN REAR AREA, TOP AND BOTTOM. PAINTED WITH P-4(B).
3. ALL GYPSUM WALLBOARD TO BE PATCHED, TAPED, MUDDED AND SANDED (PAINT READY).
4. GENERAL CONTRACTOR SHALL PAINT FIRE LANES IN REAR AREAS, IF REQUIRED.
5. NEW MILLWORK LAMINATE TO BE FORMICA 899 "DESERT BEIGE" MATTE FINISH, REFER TO A4.06, PAINT EXISTING SUPPORTS & EXPOSED WOOD P-3(B) U.N.O. NEW SUPPORTS TO BE LAMINATED TO MATCH WORK SURFACE.
6. ~~REFER TO A4.03 & A2.02 FOR RESTROOM TILE & DELI-BAKERY TILE.~~
7. DOORS AND FRAMES CUSTOMER FACING TO BE PAINTED P-3(B) & NON-CUSTOMER FACING P-3(B), UNLESS OTHERWISE NOTED. (EXCEPT ALUM. STOREFRONT DOORS & WINDOWS)
8. WORKROOM COUNTER TO BE 2'-10" AFF / COUNTER IN DMO & ASSOCIATE'S TRAINING ROOM TO BE 2'-6" AFF, SHELVES TO BE 5'-8" IN WORKROOM & 5'-0" AFF IN DMO & ASSOCIATE'S TRAINING ROOM, SEE SHEET A4.06.
9. ALL WOOD TRIM AT CEILINGS, TO BE PAINTED P-7(B)
10. RESINOUS DECORATIVE FLOORING SHALL BE PURCHASED FROM DUR-A-FLEX INC. (CONTACT: KEVIN STEPHENS 919-208-8662), OR PROTECTIVE INDUSTRIAL POLYMERS (CONTACT: STEVE McCAMEY AT 804-937-5000).
11. PAINT ALL EXPOSED FLOOR TO CEILING GYP BD EGGSHELL EPOXY. PAINT GYP BD ABOVE MARLITE EGGSHELL LATEX.
12. PRE-FAB COOLER/FREEZER PANELS AND DOORS TO BE ELECTROSTATICALLY PAINTED P-18(B); COORDINATE PAINT METHOD W/FOOD LION CONSTRUCTION MANAGER.
13. COORDINATE WITH FOOD LION CONSTRUCTION MANAGER FOR PAINTING OF WALLS, DOORS & FRAMES.
14. PROVIDE 4' HIGH FIRE RETARDANT (FRT) PLYWOOD WITH FRT 2X6 WOOD BASE @ EXPOSED COOLER FREEZER WALLS – PAINT BASE PER NOTE #2 AND LEAVE PLYWOOD UNFINISHED.
15. ALL WALLS BELOW 8' WITHOUT WALL PANELING SHALL BE PAINTED WITH P-7(B), EXCEPT THE SALES FLOOR WILL RECEIVE NEW WALL COVERING (SEE A2.02).
16. SAFE & TRIM TO BE PAINTED P-3(B) ON SALES AREA SIDE AND P-3(B) ON WORK ROOM SIDE. (SAFE TO BE HAND MACHINE ROLLED NOT BRUSHED).
17. ALL SALES FLOOR GWB WALLS TO RECEIVE SHERWIN WILLIAMS PROBLOCK OIL BASED PRIMER PRIOR TO PAINTING – SALES FLOOR ONLY.
18. SALES AREA REFRIGERATION CHASES TO BE PAINTED P-7(A) EPOXY.
19. SALES AREA & VESTIBULE COLUMNS TO BE SANDED, PRIMED & PAINTED P-7(C) EPOXY. DO NOT PAINT STAINLESS STEEL WRAPS.
20. ~~INSTALL NEW WINDOW FILM ON STOREFRONT GLAZING AT NEW CUSTOMER SERVICES LOCATIONS. WINDOW FILM TO BE BY LLUMAR; DL-05-GR-SR-CDF-GRAY.~~

## FINISH MATERIAL/COLOR LEGEND:

### FLOORS: (SEE SHEETS A1.05 FOR SPECIFIC MATERIALS)

CARPET
CPT-1 CARPET-PORTICO DIPLOMAT "MINK"

CONCRETE
CS CONCRETE SEALER

QUARRY TILE
QT QUARRY TILE

CERAMIC TILE
CT CERAMIC TILE
CT-1 DAL TILE – HEATHLAND SERIES, "AMBER HIL03" 12"x12" GLAZED CERAMIC FLOOR TILE (SEE G1 FOR GROUT DETAILS)

VINYL TILE
VCT-1 VINYL COMPOSITION TILE – ARMSTRONG EXCELON IMPERIAL TEXTURE, "FIELD GRAY" 51927 12"x12"

RESINOUS
R-1 RESINOUS TOPPING – COLOR FOOD LION #FL105. SEE FINISH SCHEDULE NOTE #10.
R-2 RESINOUS TOPPING – COLOR FOOD LION #FL106. SEE FINISH SCHEDULE NOTE #10.

OTHER
MTP METAL TREAD PLATE

### BASE:

VINYL
VB-1 4" VINYL COVE BASE BY JOHNSONITE– MATTE BLACK 40

QUARRY TILE
QTB QUARRY TILE

CERAMIC TILE
CTB CERAMIC TILE

OTHER
MQBR McCUE BOX RAIL
WD 2x6 P.T. WOOD

### CEILING FINISHES: (SEE SHEET A1.04)

ACT-1 2X4 ARMSTRONG HUMAGUARD PLUS IN PRELUDE XL GRID
ACT-2 2X4 2" FOAM DOUBLE SIDED FIBERLITE FRP PANEL BY NUDO PRODUCTS
ACT-3 2X4 ARMSTRONG VINYL CLAD TILE IN PRELUDE XL GRID

FRP FIBER REINFORCED PANEL
GB PAINTED GYPSUM BOARD

### TRIM:

STAINLESS
ST-1 SCHLUTER– DILEX-EHK EBHKU11-011 STAINLESS STEEL COVE BASE
ST-2 SCHLUTER– RONDEC RO100E STAINLESS STEEL TRIM

ACROVYN
CR-1 ACROVYN 4000 FR-225N ACCENT RAIL (BLACK)

### WALLS SURFACES: (REFER TO SHEET A2.02)

CERAMIC WALL TILE
CWT-1 (NOT USED)
CWT-2 DAL TILE–"ARCTIC WHITE" 0190 6"x6" SEMI-GLOSS SEE (G11) FOR GROUT DETAILS
CWT-3 DAL TILE–"ARCTIC WHITE" 0190 6"x6" SEMI-GLOSS SEE (G12) FOR GROUT DETAILS
~~CWT-4 DAL TILE–"ELEMENTAL TAN" 0166 4"x4" SEMI-GLOSS SEE (G13) FOR GROUT DETAILS~~
CWT-5 DAL TILE–"URBAN PUTTY" 0161 6"x6" SEMI-GLOSS SEE (G11) FOR GROUT DETAILS
CWT-6 (NOT USED)
CWT-7 (NOT USED)
CWT-8 (NOT USED)

WALL PANELS/COVERING
WP-1 WHEAT #5347-54 MARLITE PANEL
WP-2 CODY #194 MARLITE PANEL
~~WP-3 LAREDO OAK #324-52 MARLITE PANEL~~
~~WP-4 PLANTATION OAK #323-52 MARLITE PANEL~~
~~WP-5 PAINTABLE WHITE #1001-BG2 MARLITE PANEL~~
WP-6 (NOT USED)
WP-7 (NOT USED)
WP-8 (NOT USED)
WP-9 WHITE P-100 MARLITE FRP
WP-10 (NOT USED)
WP-11 (NOT USED)

CERAMIC WALL TILE
~~CWT-1 DAL TILE–"DESERT GRAY" X114 4"x4" SEE (G1) FOR GROUT DETAILS~~

### PAINT: (REFER TO SHEET A2.02)

~~P-1 PAINT "SOFTER TAN" SW6141~~
P-2 (NOT USED)
P-3 PAINT "MACADAMIA" SW6142
P-4 PAINT "PURE WHITE" SW7005
P-5 PAINT PANTONE #647 "FOOD LION BLUE"
P-6 PAINT "GRIZZLE GRAY" SW7068
P-7 PAINT "MARSHMALLOW" SW7001
P-8 PAINT "HIGHWAY TRAFFIC WHITE"
P-9 PAINT "POPULAR GRAY" SW6071
~~P-10 PAINT "TONY TAUPE" SW7038~~
P-11 PAINT "EIDER WHITE" SW7014
P-12 PAINT "TRAFFIC YELLOW"
P-13 PAINT "MEDITATIVE" SW6227
P-14 (NOT USED)
P-15 (NOT USED)
P-16 (NOT USED)
P-17 (NOT USED)
P-18 PAINT "SMOKY BEIGE" SW9087

### PLASTIC LAMINATE:

PL-1 (NOT USED)
PL-2 FORMICA 899 "DESERT BEIGE" (MATTE FINISH)

## INTERIOR WALL FINISH PAINTING LEGEND:

(A) EG-SHEL
(B) SEMI-GLOSS
(C) LOW GLOSS
(D) FLAT
(E) ELECTROSTATIC

## INTERIOR GROUT FINISH LEGEND:

~~(G1) TO USE GROUT: CUSTOM BUILDING PRODUCTS "TRUFFLE" #540~~
~~(G2) TO USE GROUT: CUSTOM BUILDING PRODUCTS "OYSTER GRAY" #386~~
~~(G3) TO USE GROUT: CUSTOM BUILDING PRODUCTS "NEW TAUPE" #185~~
~~(G4) TO USE GROUT: CUSTOM BUILDING PRODUCTS "BONE" #382~~
~~(G5) TO USE GROUT: CUSTOM BUILDING PRODUCTS "OYSTER" #381~~
~~(G6) TO USE GROUT: CUSTOM BUILDING PRODUCTS "NATURAL" #09~~
~~(G7) TO USE GROUT: CUSTOM BUILDING PRODUCTS "LINEN" #122~~
~~(G8) TO USE GROUT: CUSTOM BUILDING PRODUCTS "CAPE GRAY" #546~~
~~(G9) TO USE GROUT: CUSTOM BUILDING PRODUCTS "WINTER GRAY" #355~~
~~(G10) TO USE GROUT: CUSTOM BUILDING PRODUCTS "SAHARA TAN" #22~~
(G11) TO USE GROUT: CUSTOM BUILDING PRODUCTS "HAYSTACK" #380
(G12) TO USE GROUT: CUSTOM BUILDING PRODUCTS "URBAN PUTTY" #172
~~(G13) TO USE GROUT: CUSTOM BUILDING PRODUCTS "LIGHT SMOKE" #145~~

NOTE: USE A 1/16" JOINT FOR CERAMIC TILE. USE A 3/16" JOINT FOR PORCELAIN TILE. ALL FLOOR TILE GROUT SHALL BE CEG-IG 100% SOLIDS INDUSTRIAL GRADE EPOXY GROUT BY CUSTOM BUILDING PRODUCTS (COLOR AS INDICATED IN DRAWINGS.

## RODENT PREVENTION NOTES:

A. ABANDONED REFRIGERATION PIT*: PIPES/LINES LEADING THROUGH THE CONCRETE SLAB UNDER REFRIGERATED/FROZEN CASES.
- § CUT OFF THE PIPES/LINES EVEN WITH THE SLAB. CRIMP OR CAP OFF (UNUSED/DISCONTINUED PIPES) THE ENDS OF THE PIPES/LINES AND MAKE SURE THEY NO LONGER EXIT THE SLAB.
- § FILL THE PIT/HOLE WITH SAND OR HYDRAULIC CEMENT, LEAVING 3" TO THE TOP OF THE SLAB.
- § ADD ¼" HARDWARE CLOTH ACROSS THE OPENING TO TIGHTLY FIT ALL SIDES.
- § FILL THE PIT/HOLE TO THE TOP WITH 3" OF HYDRAULIC CEMENT.

B. NEW OR EXISTING "IN-USE" REFRIGERATION PIT*: PIPES/LINES LEADING THROUGH THE CONCRETE SLAB UNDER REFRIGERATED/FROZEN CASES.
- § VOID OUT AROUND THE PIPES/LINES TO 3" BELOW THE SLAB.
- § ADD ¼" HARDWARE CLOTH ACROSS THE OPENING TO TIGHTLY FIT ALL SIDES.
- § FILL THE OPEN VOIDED AREA WITH 3" OF HYDRAULIC CEMENT.
- § NOTE: SOLID IN-TACT (I.E., PLASTIC, METAL) PIT INSERTS WOULD NOT REQUIRE OUR FILLING WITH SAND AND SEALING TOP WITH HYDRAULIC CEMENT.

C. PIPES/LINES LEADING THROUGH FLOOR PENETRATIONS SHOULD BE SEALED WITH HYDRAULIC CEMENT*.

D. MISCELLANEOUS HOLES IN THE BLOCK WALLS*:
- § SEAL WITH PERMANENT SEALANT (HYDRAULIC CEMENT, ETC.)

E. WALK-IN COOLER/FREEZER UNITS: VOIDS ON TOP
- § IF THE VOID BETWEEN WALK-IN UNITS AND/OR WALLS IS DETERMINED TO BE COVERED FOR WHATEVER REASON, DO NOT USE A SOLID MATERIAL SUCH AS METAL. RECOMMEND INSTALLING ¼" HARDWARE CLOTH TO COVER THE VOID, TO ALLOW FOR PROPER VISIBILITY, INSPECTIONS, AND ACCESS AS NECESSARY.
- § NO ITEMS ARE TO BE STORED ABOVE THE WALK-IN UNITS TO AVOID HARBORAGE AREAS FOR RODENTS.

F. WALK-IN COOLER/FREEZER UNITS: VOIDS ALONG ADJACENT SIDE WALLS
- § SEAL VOIDS ALONG WALL AND FLOOR WITH CLEANABLE MATERIALS (METAL FLASHING, SEALED LIGHT COLOR PAINTED WOOD, ETC.).

G. MOP ROOM:
- § PIPES NEED TO BE SEALED WITH SILICONE CAULK AND A FLANGE INSTALLED AROUND THE PIPES WHERE THEY ENTER THE WALL AND CEILING AREAS.

H. WALL PENETRATIONS (ALL AREAS):
- § PERIMETER CINDER BLOCK WALLS – SEAL VOID WITH FLEXIBLE SEALANT.
- § INTERIOR WALLS (PERISHABLE DEPARTMENTS) – SEAL PIPES WITH SILICONE CAULK AND A FLANGE INSTALLED AROUND THE PIPES WHERE THEY ENTER THE WALL.

I. SALES FLOOR:
- § AREAS UNDER INSTALLED SHELVING UNITS NEED TO BE FREE OF DEBRIS AND SPILLAGE.

J. WALLS BEHIND THE DISPLAY CASES (DAIRY, DELI, MEAT, SEAFOOD, PRODUCE, FROZEN ETC.):
- § CONSTRUCTION SPEC. TO INCLUDE SHEET ROCK ONLY USED TOWARD UPPER PORTION OF CASE.

K. SEALING THE EXPANSION JOINTS (INTERIOR AND EXTERIOR):
- § EXPANSION JOINTS NEED TO BE SEALED WITH NON-PLIABLE MATERIAL, SUCH AS SILICONE CAULKING OR SEALANT, DEPENDING ON THE SIZE OF THE OPEN AREA: LESS THAN ¾" USE SILICONE CAULK, GREATER THAN ¾" USE SEALANT.

L. EXTERIOR DOORS:
- § NO DAYLIGHT SHOULD BE VISIBLE AROUND ANY EXTERIOR DOORWAY. WEATHER STRIPPING AROUND (3) SIDES OF THE DOOR AND BRUSHES ALONG THE BOTTOM. MAKE SURE THAT THE BRUSHES REACH ALL THE WAY OUT TO THE SIDES OF THE DOOR FRAME. IF WEATHER STRIPPING IS INSTALLED ALONG THE BOTTOM INSTEAD OF BRUSHES, MAKE SURE THERE IS NO DAYLIGHT VISIBLE ONCE INSTALLED.
- § ROLL UP DOORS NEED TO BE IN GOOD REPAIR AND FIT TIGHTLY AGAINST THE FLOOR OR WHEN THEY MEET THE DOCK LEVELERS WHEN CLOSED. NO DAYLIGHT SHOULD BE VISIBLE ALONG THE BOTTOM, SIDES AND ALONG THE TOP OF THE DOORS.
- § DOOR FRAMES NEED TO BE SEALED TO THE WALL AND IN GOOD REPAIR (INCLUDING THE ROLL UP DOORS).

M. DOCK LEVELERS:
- § BRUSHES NEED TO BE INSTALLED AND IN GOOD REPAIR ON ALL SIDES.

N. EXTERIOR WALLS AT RECEIVING DOCKS:
- § INSTALL SHEET METAL PANEL (APPROXIMATELY 8' LONG X 4' WIDE) DIRECTLY BELOW DOCK DOOR. INSTALL MINIMUM OF 2' FROM GROUND.

O. EXTERIOR PIPES:
- § DRAINPIPES AND FIRE PROTECTION PIPES WHICH LEAD THROUGH EXTERIOR WALLS NEED TO BE SEALED AROUND ANY VOIDS PRESENT. SILICON CAULKING OR HYDRAULIC CEMENT IS RECOMMENDED.

P. EXTERIOR DRAINS AND PIPES:
- § EXTERIOR DRAINS SHOULD HAVE COVERS INSTALLED AND IN GOOD REPAIR.
- § EXTERIOR OPEN PIPES SHOULD BE SCREENED OR CAPPED OFF IF NOT IN USE.

Q. EXTERIOR – PERIMETER:
- § CONCRETE, ASPHALT OR CRUSHED ROCK A MINIMUM OF 1.5' ALONG ALL SIDES OF BUILDINGS UNLESS OTHERWISE RESTRICTED BY LOCAL ORDINANCE.
- § NO LANDSCAPING 1.5' AROUND BUILDING.
- § NO TREES THAT WILL GROW AGAINST BUILDING.

MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA REGISTERED SEAL 049120 ARCHITECT ANDREW J. LOWINGER
01/21/2025

CORPORATE SEAL:

ALLIANCE ARCHITECTURE OF THE TRIAD PC REGISTERED ARCHITECTURAL CORPORATION LICENSE NO. 50943 NORTH CAROLINA WINSTON-SALEM, NC

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|
| 1 | 00/00/00 | |

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
Telephone: 704.633.8250
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 08/21/2024

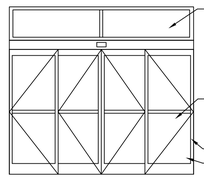
19 OF 44

# A6.01

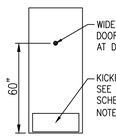
ROOM FINISH SCHEDULE

CHECKED: AJL DRAWN: VPS

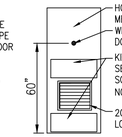
FILE NAME: E:\JOBS\24038 - FOOD LION #2216-MINT HILL NC\2216A6.01_A.DWG Aug 17, 2024 - 3:25pm



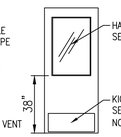

1 AUTOMATIC ALUM./GLASS DOORS w/BREAKOUT SIDE LIGHTS



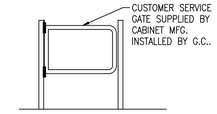

2 HOLLOW METAL



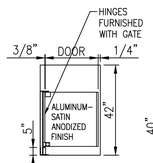

3 WORKROOM DOOR



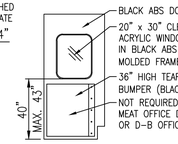

4 DOOR WITH WINDOW



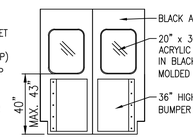

5 CUSTOMER SERVICE GATE N.T.S.



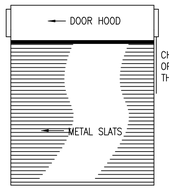

6 DELI CAFE GATE N.T.S.



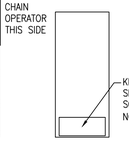

7 SINGLE TRAFFIC DOOR



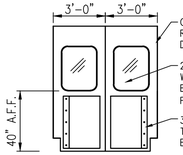

8 PAIR OF TRAFFIC DOORS



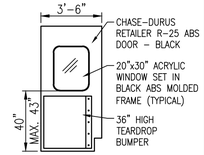

9 STEEL ROLL–UP DOOR



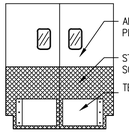

10 SOLID CORE WOOD



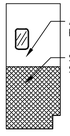

11 PAIR OF INSULATED TRAFFIC DOORS



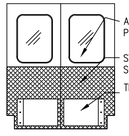

12 SINGLE INSULATED TRAFFIC DOOR




13 PAIR OF TRAFFIC DOORS




14 SINGLE TRAFFIC DOOR




15 PAIR OF TRAFFIC DOORS

1 DOOR TYPES A6.02 SCALE: 1/4"=1'

## DOOR SCHEDULE NOTES:

1. REFER TO FOOD LION SPECIFICATIONS & NATIONAL ACCOUNT REFERENCES FOR DOOR MANUFACTURERS.
2. NOT USED.
3. ALL PREP TRAFFIC DOORS TO RECEIVE "TEAR–DROP" BUMPERS ON BOTH SIDES OF THE DOOR. BUMPERS SUPPLIED BY DOOR MANUFACTURER.
4. NEW TRAFFIC DOORS TO RECEIVE GASKETS AROUND DOOR PERIMETER. GASKETS SUPPLIED BY DOOR MANUFACTURER. (REFER TO SCOPE OF WORK)
5. STORE NUMBER TO BE STENCILED (4" HIGH) TO TRUCK DRIVERS (DSD) DOOR IN PAINT COLOR CONTRASTING TO COLOR OF DOOR.
6. ~~DOOR SCOPE TO BE PART No. SOL01 FROM WARNOK–HERSEY HARDWARE DISTRIBUTOR, (800) 632–1324.~~
7. ~~PROVIDE 1/4" WIRE SAFETY GLASS PER NCSBC 2406.4.1 IN HALF GLASS DOOR WINDOW, APPLICABLE TO ALL OFFICES.~~
8. ALL NEW EXTERIOR DOORS & WINDOWS TO COMPLY W/ NCEBC 811.1.1
9. GENERAL CONTRACTOR SHALL INSTALL KICKPLATES ON BOTH SIDES OF ALL SOLID CORE WOOD & HOLLOW METAL DOORS. (EXCEPTION– EXTERIOR SIDE EXTERIOR DOORS). REPLACE MISSING AND DAMAGED KICKPLATES.
10. THE GENERAL CONTRACTOR SHALL SAND, CLEAN, AND REPAINT ALL EXISTING SOLID CORE WOOD & HOLLOW METAL DOORS & FRAMES SCHEDULED FOR REUSE. THE GENERAL CONTRACTOR SHALL FURNISH NEW HOLLOW METAL FRAMES FOR THOSE DOORS TO BE RELOCATED. DOOR HARDWARE TO BE BROUGHT UP TO CURRENT FOOD LION STANDARDS. ALL EXTERNAL DOOR SWEEPS WILL BE REPLACED WITH PEMKO #18100CNB84. CONTRACTOR INSTALL & ORDER NEW DELAY EGRESS STICKERS FROM BA HOFT ONCE DOORS REPAINTED.
11. GENERAL CONTRACTOR SHALL INSTALL NEW DOOR SILENCERS ON ALL DOORS (AFTER PAINTING) AND COMMERCIAL GRADE KICK DOWNS ON ALL INTERIOR HOLLOW METAL DOORS. (EXCEPT WORKROOM WITH SAFE).
12. THE GENERAL CONTRACTOR SHALL VERIFY CONDITION OF ALL DOORS AND COORDINATE THE REUSE WITH THE FOOD LION CONSTRUCTION MANAGER.
13. DOCK DOORS, SEALS, DOCK LEVELER AND EQUIPMENT SHALL BE ORDERED FROM OVERHEAD DOOR AS PER FOOD LION SPECIFICATIONS. REFER TO NATIONAL ACCOUNT REFERENCE INFORMATION, SCOPE OF WORK, & COORDINATE W/ FOOD LION CONSTRUCTION MANAGER.
14. TRAFFIC DOORS TO BE ORDERED FROM CHASE DURAS AT HEFCO. REFER TO NATIONAL ACCOUNT INFORMATION.
15. HOLLOW METAL DOORS, FRAMES AND HARDWARE SHALL BE ORDERED FROM B.A. HOFT. GENERAL CONTRACTOR MUST ORDER NEW DELAY EGRESS STICKERS FROM B.A. HOFT ONCE THE DOORS ARE REPAINTED. REFER TO NATIONAL ACCOUNT INFORMATION.
16. ALL JAMB GUARDS, MISC ALUMINUM, STAINLESS STEEL, ETC BREAK METAL ITEMS SHALL BE FIELD VERIFIED, FABRICATED AND INSTALLED GENERAL CONTRACTOR.
17. GENERAL CONTRACTOR SHALL REPLACE MISSING OR DAMAGED WEATHER–STRIPPING, SWEEPS & NEW STYLE CARPET THRESHOLDS ON ALL EXTERIOR DOORS (INCLUDING AUTOMATIC DOORS), ROLL–UP DOORS 5–3/8" BRUSH GASKET–MFR/MODEL: #HD15642 BY NATIONAL GUARD.
18. G.C. TO ADJUST INTERIOR DOOR CLOSERS SO THAT NO MORE THAN 5 LBS OF FORCE IS REQUIRED TO OPERATE AND SO THAT DOORS GO FROM 90 DEGREE OPEN TO 12 DEGREE OPEN IN 5 SECONDS MIN.
19. ~~E–COMMERCE DOOR REQUIREMENTS~~
- ~~ALUMINUM/GLASS MEDIUM STILE DOOR WITH 10" BOTTOM RAIL, 6" MIDRAIL @ 36" AFF BY GENERAL CONTRACTOR.~~
- ~~4 1" DEEP ALUMINUM FRAME TO MATCH STOREFRONT FINISH.~~
- ~~GLASS TO BE 1" INSULATED CLEAR TEMPERED GLASS.~~
- ~~GENERAL CONTRACTOR WILL PROVIDE AND INSTALL:~~
  - ~~VON DUPRIN PUSH BAR~~
  - ~~JUNCTION BOXES~~
  - ~~DOOR, DOOR FRAME, GLASS, DOOR HARDWARE~~
    - ~~DOOR MANUFACTURER PROVIDED: OFFSET HINGES, OVERHEAD DOOR CLOSER (90 DEGREE SET), EXTERIOR "D" STYLE PULL HANDLE, ALUMINUM THRESHOLD, DOOR SWEEP AND WEATHER–STRIPPING.~~
- ~~FOOD LION ASSET PROTECTION PROVIDES/INSTALLS FOB READER (INTERIOR/EXTERIOR)~~
  - ~~ELECTRIC STRIKER PLATE AND KEY FOB LOCK RELEASES ON INTERIOR AND EXTERIOR OF BUILDING~~
  - ~~GLASS BREAK / MOTION SENSORS TO BE EVALUATED BY FOOD LION ASSET PROTECTION TEAM~~
20. EXTERIOR SIDE OF DOOR/FRAME TO BE PREPPED FOR PAINT AND REPAINTED TO MATCH EXISTING COLOR.
21. DOOR IS DOUBLE ACTING PUSH TYPE WITH NO LATCH HARDWARE. 2

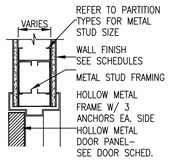
## DOOR SCHEDULE

("*" INDICATES AN EXISTING DOOR TO REMAIN)

NOTE:
1. HARDWARE PACKAGES ARE BASED ON PROJECT SPECIFICATIONS BOOK. THE CONDITION OF ALL EXISTING HARDWARE SHALL BE VERIFIED BY THE FOOD LION CONSTRUCTION MANAGER AT TIME OF WALK–THROUGH.

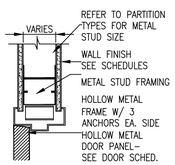
REMARKS
1. THE GENERAL CONTRACTOR SHALL SUPPLY AND INSTALL THE EXIT DEVICE PURCHASED FROM BA HOFT 919–596–4446. EXIT DEVICE SHALL BE: VON DUPRIN CX99EO–LE. NO SUBSTITUTION (POWER AND TIME DELAY SUPPLIED AND ACTIVATED BY OTHERS)
2. ALL ACCESSIBLE DOORS SHALL HAVE HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS WITH A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE.

| NO. | SIZE | | LOCATION | RM. | HRDW. | TYP E | FRAME | HEAD | JAMB | SILL | FRAME COLOR | DOOR FINISH | NOTES AND COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100A* | PR–2'–6"x6'–10"x1 3/4" | EXIST | VESTIBULE | 100 | HW–01 | 1 | EXIST ALUM | EXIST | EXIST | EXIST | FACTORY | FACTORY | EXISTING MOTION DETECTORS ON BOTH SIDES – NEW DETECTORS TO BE SUPPLIED BY ASSA ABLOY ENTRANCE SOLUTIONS 1–609–249–9492 SEE DOOR SCHEDULE NOTE #17. |
| 100B* | PR–2'–6"x6'–10"x1 3/4" | EXIST | VESTIBULE | 100 | HW–01 | 1 | EXIST ALUM | EXIST | EXIST | EXIST | FACTORY | FACTORY | EXISTING MOTION DETECTORS ON BOTH SIDES – NEW DETECTORS TO BE SUPPLIED BY ASSA ABLOY ENTRANCE SOLUTIONS 1–609–249–9492 SEE DOOR SCHEDULE NOTE #17. |
| 101* | 3'–0"x7'–0"x1 3/4" | EXIST | SALES | 101 | HW–03 | 2 | EXIST HM | EXIST | EXIST | S–1 | INT P–3(B) / EXT TO MATCH EXISTING COLOR | INT P–3(B) / EXT TO MATCH EXISTING COLOR | SEE REMARKS #1&2. SEE DOOR SCHEDULE NOTES #9,11,15 |
| 102 | 3'–0"x7'–0"x1 3/4" | NEW | WORK ROOM | 102 | HW–12 | 3 | NEW HM | H–1 | J–1 | N/A | P–3(B) | P–3(B) | SEE DOOR SCHEDULE NOTES #9,10,11,12. |
| 103* | 3'–0"x7'–0"x1 3/4" | EXIST | STORE MANAGER'S OFFICE | 103 | HW–05 | 4 | EXIST HM | EXIST | EXIST | N/A | P–3(B) | P–3(B) | SEE DOOR SCHEDULE NOTES #9,10,11,12. DOOR TO RECEIVE NEW WINDOW KIT. |
| 104* | 3'–0"x7'–0"x1 3/4" | EXIST | LOUNGE | 104 | HW–10 | 4 | EXIST HM | EXIST | EXIST | N/A | P–3(B) | P–3(B) | SEE DOOR SCHEDULE NOTES #9,10,11,12. |
| 105* | 2'–6"x7'–0"x1 3/4" | EXIST | RISER ROOM | 105 | HW–12 | 2 | EXIST HM | EXIST | EXIST | S–2 | P–3(B) | P–3(B) | SEE DOOR SCHEDULE NOTES #9,10,11,12. |
| 107* | 3'–0"x7'–0"x1 3/4" | EXIST | CORRIDOR | 107 | HW–03 | 2 | EXIST HM | EXIST | EXIST | S–1 | INT P–3(B) / EXT TO MATCH EXISTING COLOR | INT P–3(B) / EXT TO MATCH EXISTING COLOR | SEE REMARKS #1&2. SEE DOOR SCHEDULE NOTES #9,11,15 |
| 108* | 3'–0"x7'–0"x1 3/4" | EXIST | MEN'S RESTROOM | 108 | HW–10A | 2 | EXIST HM | EXIST | EXIST | EXIST | P–3(B) | P–3(B) | SEE DOOR SCHEDULE NOTES #9,10,11,12,18. |
| 109* | 3'–0"x7'–0"x1 3/4" | EXIST | WOMEN'S RESTROOM | 109 | HW–10B | 2 | EXIST HM | EXIST | EXIST | EXIST | P–3(B) | P–3(B) | SEE DOOR SCHEDULE NOTES #9,10,11,12,18. |
| 110* | 3'–0"x7'–0"x1 3/4" | EXIST | DIRECTOR'S OFFICE | 110 | HW–05 | 4 | EXIST HM | EXIST | EXIST | S–2 | P–3(B) | P–3(B) | SEE DOOR SCHEDULE NOTES #9,10,11,12. |
| 112A* | 3'–0"x7'–0"x1 3/4" | EXIST | GROCERY STAGING | 112 | HW–03 | 2 | EXIST HM | EXIST | EXIST | EXIST | INT P–3(B) / EXT TO MATCH EXISTING COLOR | INT P–3(B) / EXT TO MATCH EXISTING COLOR | SEE REMARKS #1&2. SEE DOOR SCHEDULE NOTES #9,11,15,17,20 |
| 112B* | 8'–0"x8'–0"x1" | EXIST | RECEIVING OVERHEAD | 112 | HW–07 | 9 | EXIST BENT PLATE | EXIST | EXIST | EXIST | FACTORY | FACTORY | STEEL ROLL–UP DOOR– SEE DOOR SCHEDULE NOTES #13,17 |
| 112C* | 8'–0"x8'–0"x1" | EXIST | RECEIVING OVERHEAD | 112 | HW–07 | 9 | EXIST BENT PLATE | EXIST | EXIST | EXIST | FACTORY | FACTORY | STEEL ROLL–UP DOOR– SEE DOOR SCHEDULE NOTES #13,17 |
| 112D* | PR–3'–0"x7'–10"x1" | EXIST | GROCERY STAGING | 112 | HW–14 | 8 | EXIST HM | EXIST | EXIST | S–3 | P–3(B) | FACTORY | SEE DOOR SCHEDULE NOTES #3,14,16,21. |
| 115* | 3'–0"x7'–0"x1 3/4" | EXIST | DEPT. MANAGER'S OFFICE | 115 | HW–05 | 4 | EXIST HM | EXIST | EXIST | S–2 | P–3(B) | P–3(B) | SEE DOOR SCHEDULE NOTES #9,10,11,12. |
| 116A* | PR–2'–6"x7'–0"x1 3/4" | EXIST | MECHANICAL ROOM | 116 | HW–17 | 2 | EXIST HM | EXIST | EXIST | N/A | P–3(B) | P–3(B) | SEE DOOR SCHEDULE NOTES #9,10,11,12. |
| 116B* | 2'–0"x7'–0"x1 3/4" | EXIST | MECHANICAL ROOM | 116 | HW–18 | 2 | EXIST HM | H–1 | J–1 | N/A | P–3(B) | P–3(B) | SEE DOOR SCHEDULE NOTES #9,10,11,12. |
| 117* | 3'–0"x7'–0" | EXIST | JANITOR'S ROOM | 117 | – | – | EXIST HM | EXIST | EXIST | – | P–3(B) | — | OPENING WITH FRAME ONLY |
| 118A* | PR–3'–0"x7'–0"x1" | EXIST | MEAT PREP | 118 | HW–14 | 11 | EXIST HM | EXIST | EXIST | EXIST | INT P–4 (B)/ GROCERY STAGING P–3 (B) | FACTORY | SEE DOOR SCHEDULE NOTES #3,14,16,21. |
| 118B* | 3'–6"x7'–0"x1" | EXIST | MEAT PREP | 118 | HW–13 | 12 | EXIST HM | EXIST | EXIST | S–3 | INT P–4 (B)/ SALES P–3 (B) | FACTORY | SEE DOOR SCHEDULE NOTES #3,14,16,21. |
| 119* | 3'–0"x7'–0"x1" | EXIST | MEAT OFFICE | 119 | HW–13 | 7 | EXIST HM | EXIST | EXIST | N/A | P–4(B) | FACTORY | SEE DOOR SCHEDULE NOTES #3,14,16,21. 2 |
| 120* | 3'–0"x7'–0"x1 3/4" | EXIST | HBC ROOM | 120 | HW–12 | 2 | EXIST HM | EXIST | EXIST | EXIST | P–3(B) | P–3(B) | SEE DOOR SCHEDULE NOTES #9,10,11,12. |
| 121* | 3'–0"x7'–0"x1 3/4" | EXIST | ASSOCIATE'S TRAINING RM | 121 | HW–05 | 4 | EXIST HM | EXIST | EXIST | S–2 | P–3(B) | P–3(B) | SEE DOOR SCHEDULE NOTES #9,10,11,12. |
| 122A* | PR–3'–0"x7'–0"x1" | EXIST | PRODUCE PREP | 122 | HW–14 | 11 | EXIST HM | EXIST | EXIST | EXIST | INT P–4 (B)/GROCERY STAGING P–3 (B) | FACTORY | SEE DOOR SCHEDULE NOTES #3,14,16,21. |
| 122B* | PR–3'–0"x7'–0"x1" | EXIST | PRODUCE PREP | 122 | HW–14 | 11 | EXIST HM | EXIST | EXIST | S–3 | INT P–4 (B)/ SALES P–3 (B) | FACTORY | SEE DOOR SCHEDULE NOTES #3,14,16,21. 2 |
| 123A | 2'–10"x3'–6"x¾" (GATE) | NEW | DELI / BAKERY PREP | 123 | – | 6 | NEW ALUM | N/A | N/A | N/A | FACTORY | FACTORY | WALL MOUNTED. SEE DOOR SCHEDULE NOTE #21. |
| 123B | 3'–10"x3'–6"x¾" (GATE) | NEW | DELI / BAKERY PREP | 123 | – | 6 | NEW ALUM | N/A | N/A | N/A | FACTORY | FACTORY | WALL MOUNTED. SEE DOOR SCHEDULE NOTE #21. |
| 123C* | 2'–6"x7'–0"x1 3/4" | EXIST | DELI / BAKERY PREP | 123 | HW–10 | 2 | EXIST HM | EXIST. | EXIST. | N/A | P–18(B) | P–18(B) | SEE DOOR SCHEDULE NOTES #9,10,11,12. |
| 124* | 2'–6"x7'–0"x1 3/4" | EXIST | DELI / BAKERY CLOSET | 124 | HW–10 | 2 | EXIST HM | EXIST. | EXIST. | N/A | P–18(B) | P–18(B) | SEE DOOR SCHEDULE NOTES #9,10,11,12. |



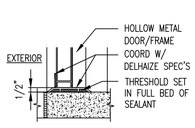

H–1

2 DOOR HEAD DETAILS A6.02 SCALE: 1/4"=1'

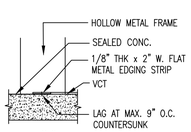



J–1

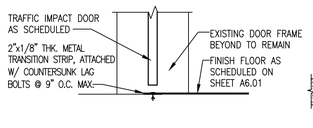
3 DOOR JAMB DETAILS A6.02 SCALE: 1/4"=1'



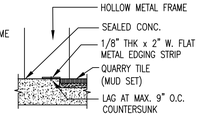

S–1




S–2




S–3




S–4

4 DOOR SILL DETAILS A6.02 SCALE: 1/4"=1'

MECKLENBURG COUNTY NORTH CAROLINA MAY 20 1775
MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA REGISTERED SEAL 38811 ENGINEER ANDREW J. LOFTIN

CORPORATE SEAL:

ALLIANCE ARCHITECTURE OF THE TRIAD, PC REGISTERED ARCHITECTURAL CORPORATION LICENSE NO. 50943 NORTH CAROLINA WINSTON–SALEM, NC

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|
| 2 | 09/13/24 | INSPECTION COMMENTS |

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
Telephone: 704.633.8250
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 08/21/2024

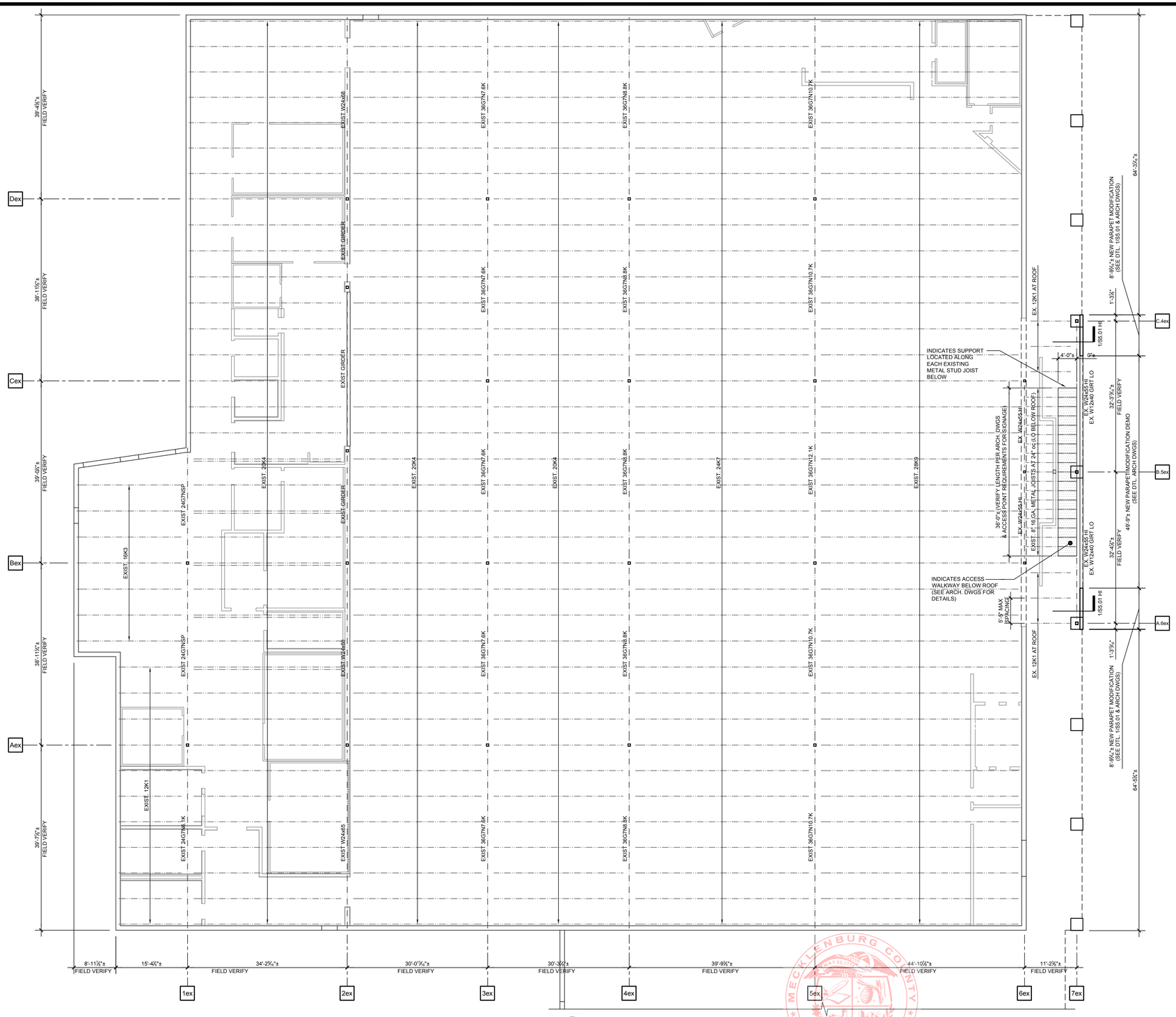
20 OF 44

# A6.02

DOOR & WINDOW FINISH SCHEDULES

CHECKED: AJL DRAWN: VPS

FILE NAME: E:\JOBS\24038 – FOOD LION #2216–MINT HILL NC\2216A6.02_A.DWG Sep 13, 2024 – 8:11am




1 S1.02 EXISTING ROOF FRAMING PLAN

3/32" = 1'-0"

SHEET NOTES:

1. COORDINATE ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS.
2. THE G.C. IN COORDINATION WITH THE ENGINEER SHALL FIELD VERIFY EXISTING SUPPORTING MEMBER SIZES AND DIMENSIONS AS REQUIRED. SUBMIT TO THE ARCHITECT/ENGINEER FOR REVIEW PRIOR TO FABRICATION AND INSTALLATION.

MECKLENBURG COUNTY CODE ENFORCEMENT
These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

DESIGN CRITERIA:

SNOW:(NBSBC 2018 (IBC 2015) Section 1608 – ASCE 7-10)

| | |
|---|---|
| SNOW EXPOSURE FACTOR, Ce | 1.0 |
| THERMAL FACTOR, Ct | 1.0 |
| IMPORTANCE FACTOR, Is(SNOW LOADS) | 1.0 |
| 50-YEAR RECURRENCE GROUND SNOW LOAD, Pg | 10 PSF |

WIND LOADS: (2018 NCSBC (IBC 2015) Section 1609 – ASCE 7-10)

| | |
|---|---|
| ULTIMATE DESIGN WIND SPEED, Vult | 115 MPH |
| OCCUPANCY CATEGORY | II |
| EXPOSURE CATEGORY | C |
| IMPORTANCE FACTOR, Iw(WIND LOADS) | 1.0 |
| INTERNAL PRESSURE COEFFICIENTS | +/- 0.18 |

SEISMIC DESIGN; (2018 NCSBC (IBC 2015) SECTION 1613 – ASCE 7-16)

| | |
|---|---|
| RISK CATEGORY | II |
| SITE CLASS (ASSUMED) | D |
| MAPPED SPECTRAL ACCELERATION AT 0.2 sec, Ss | 0.199 g |
| MAPPED SPECTRAL ACCELERATION AT 1.0 sec, S1 | 0.082 g |
| SITE COEFFICIENT, Fa | 1.6 |
| SITE COEFFICIENT, Fv | 2.4 |
| MODIFIED SHORT PERIOD SPECTRAL RESPONSE ACCELERATION, SMs | 0.318 g |
| SOIL MODIFIED LONG PERIOD SPECTRAL RESPONSE ACCELERATION, SM1 | 0.197 g |
| PERIOD SPECTRAL RESPONSE ACCELERATION, SDs | 0.212 g |
| LONG PERIOD SPECTRAL RESPONSE ACCELERATION, SD1 | 0.132 g |
| SEISMIC DESIGN CATEGORY | B |
| IMPORTANCE FACTOR, I | 1.0 |

GENERAL NOTES:

1. THESE DRAWINGS SHALL BE USED WITH ARCHITECTURAL AND OTHER CONTRACT DOCUMENTS. DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2018 NCSBC (2015 IBC).
2. THE CONTRACTOR SHALL PROVIDE TEMPORARY BRACING AND SHORING OF THE STRUCTURE AND COMPONENTS UNTIL ALL COMPONENTS ARE ERECTED AND ALL CONNECTIONS ARE FULLY MADE. TEMPORARY BRACING SHALL REMAIN IN PLACE UNTIL ALL FRAMING IS COMPLETED AND ALL MASONRY CONSTRUCTION AT PERIMETER IS COMPLETED AND THE ROOF DECK CONNECTIONS ARE COMPLETED. CONTRACTOR SHALL BRACE ALL WALLS DURING CONSTRUCTION AGAINST WIND OR CONSTRUCTION LOADS.
3. THE GENERAL CONTRACTOR SHALL VERIFY THE SIZE AND LOCATION OF ALL OPENINGS THROUGH ROOFS, FLOORS AND WALLS. VERIFY WITH THE TENANT, ARCHITECT AND VARIOUS TRADES AS REQUIRED. OPENINGS NOT SO VERIFIED SHALL BE MODIFIED, IF REQUIRED, AT NO ADDITIONAL COST.
4. EQUIPMENT PADS SHALL BE PROVIDED BY THE MECHANICAL, ELECTRICAL, OR PLUMBING CONTRACTORS REQUIRING THE PAD.
5. CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, PROCEDURES AND SAFETY ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
6. THE GENERAL CONTRACTOR SHALL VERIFY ALL NEW AND EXISTING DIMENSIONS PRIOR TO FABRICATION OF ANY STRUCTURAL COMPONENTS. NOTIFY ARCHITECT IMMEDIATELY IF DIMENSIONAL CONFLICTS EXIST.

SHOP DRAWINGS:

1. SUBMIT SHOP DRAWINGS ON ALL MATERIALS FOR REVIEW BEFORE FABRICATION. THE CONTRACT DRAWINGS SHALL NOT BE USED AS BASE DRAWINGS FOR SHOP DRAWINGS. SHOP DRAWINGS SUBMITTED FOR REVIEW WHICH WERE PREPARED WITH CONTRACT DRAWINGS USED AS BASE DRAWINGS WILL BE REJECTED.
2. ALL SUBMITTALS TO ENGINEER FOR REVIEW SHALL BE PREVIOUSLY REVIEWED BY THE CONTRACTOR, WITH HIS APPROVAL STAMPED ON THE DRAWINGS, DATED AND SIGNED. SUBMITTALS NOT CONFORMING SHALL BE SUFFICIENT REASON FOR REJECTION BY THE ENGINEER.

STEEL:

1. STRUCTURAL STEEL SHALL CONFORM TO ASTM A992 FOR ALL W SHAPES AND ASTM A36 FOR ALL OTHER SHAPES. RECTANGULAR HOLLOW STRUCTURAL STEEL (TUBE) SHALL CONFORM TO ASTM A500, GRADE B (Fy=46 ksi). ROUND HOLLOW STRUCTURAL STEEL (PIPE) SHALL CONFORM TO ASTM A53, TYPE E OR S, GRADE B. ANCHOR BOLTS SHALL BE WELDABLE AND SHALL CONFORM TO ASTM F1554 GRADE 36 OR 55 WITH WELDABILITY SUPPLEMENT S1.
2. THE STRUCTURAL STEEL SHALL BE FABRICATED BY A QUALIFIED FABRICATOR WHO PARTICIPATES IN THE AISC CERTIFICATION PROGRAM AND IS DESIGNATED AN AISC CERTIFIED PLANT, CATEGORY STD AT TIME OF BID, OR THE STRUCTURAL STEEL FABRICATOR MUST DEMONSTRATE A CONSISTENT RECORD OF AT LEAST 10 (TEN) SUCCESSFUL PROJECTS OF EQUAL OR GREATER MAGNITUDE OVER THE PRECEDING 2 YEARS. THE CONTRACTOR SHALL SUBMIT EVIDENCE IN WRITING VERIFYING ONE OF THE ABOVE REQUIRED QUALIFICATIONS.

   THE STRUCTURAL STEEL SHALL BE ERECTED BY A QUALIFIED INSTALLER WHO PARTICIPATES IN THE AISC CERTIFICATION PROGRAM AND IS DESIGNATED AN AISC CERTIFIED ERECTOR, CATEGORY CSE [ACSE] AT TIME OF BID.
3. BOLTED CONNECTIONS – 3/4 INCH DIAMETER A325-X, TYPE 1 BOLTS UNLESS NOTED OTHERWISE. USE 3/4 INCH DIAMETER A325-X, TYPE 3 BOLTS FOR EXPOSED EXTERIOR CONDITIONS. NON-FRAME BEAM CONNECTIONS MAY BE DESIGNED FOR THE REACTIONS SHOWN ON THE PLANS. IF NO REACTION IS SHOWN, THE CONNECTION SHALL BE DESIGNED ACCORDING 60% OF THE MAXIMUM TOTAL FACTORED UNIFORM LOAD FOR THE APPROPRIATE BEAM SECTION AND SPAN AS DETERMINED FROM THE STEEL BEAM SELECTION TABLES IN THE AISC MANUAL, THIRTEENTH EDITION. FRAME MEMBERS SHALL BE DESIGNED ACCORDING TO THE NOTES AND LOADS INDICATED IN THE PLANS AND ELEVATIONS.
4. ALL SHOP AND FIELD WELDING SHALL BE BY CERTIFIED WELDERS AND SHALL CONFORM TO AWS STANDARDS. USE E70XX ELECTRODES UNLESS NOTED OTHERWISE. CURRENT AWS CERTIFICATIONS SHALL BE AVAILABLE AT THE JOB SITE FOR REVIEW BY THE ARCHITECT OR ENGINEER. NO FIELD CUTTING OF STRUCTURAL STEEL MEMBERS BY ANY TRADE WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.
5. ALL BEAMS AND PRIMARY BRACING MEMBERS SHALL BE SECURED WITH AT LEAST 2 BOLTS PRIOR TO REMOVAL OF HOISTING CABLES.
6. IN CONDITIONS WHERE BEAMS FRAME WITH DOUBLE ANGLE FRAMING CONNECTIONS FROM BOTH SIDES OF A COLUMN WEB, OR BEAM WEB OVER A COLUMN, THE FABRICATOR SHALL FABRICATE THE CONNECTION SO THAT THE FIRST BEAM ERECTED TO THE CONNECTION SHALL HAVE AT LEAST ONE BOLT AND WRENCH-TIGHTENED NUT SECURING THE FIRST BEAM AT ALL TIMES. THE CONNECTION SHALL BE DETAILED SO THAT EITHER BEAM MAY BE CONSIDERED THE FIRST BEAM ERECTED. ALTERNATIVELY, A SEAT ANGLE AT THE FACE OF THE COLUMN FOR ERECTION, OR OTHER METHOD SATISFYING OSHA REQUIREMENTS, MAY BE USED IF CONDITIONS PERMIT.
7. ALL EXPOSED STRUCTURAL STEEL SHALL BE GALVANIZED. SUBMIT WITH SHOP DRAWINGS FOR REVIEW.
8. ALL STRUCTURAL STEEL SHALL RECEIVE A STANDARD SHOP PRIMER PAINT, EXCEPT AT WELDING LOCATIONS. SUBMIT WITH SHOP DRAWINGS FOR REVIEW.

COLD FORMED METAL FRAMING (LIGHT GAUGE):

1. COLD FORMED METAL FRAMING SHALL CONFORM TO ASTM A653 ZINC COATED (GALVANIZED) IN THE FOLLOWING GRADES.
   GRADE 33 – 33 AND 43 MIL THICKNESS
   GRADE 50 – 54 AND 68 MIL THICKNESS
   MINIMUM YIELD STRENGTH (Fy) AND ULTIMATE (Fu) TENSILE STRENGTH SHALL BE AS FOLLOWS.
   GRADE 33 – Fy = 33 KSI, Fu = 45 KSI
   GRADE 50 – Fy = 50 KSI, Fu = 65 KSI
   MINIMUM GALVANIZED COATING THICKNESS IS G60
2. SSMA MEMBER DESIGNATION IS USED IN THESE DRAWINGS IS AS FOLLOWS (EXAMPLE: 600S162-54)
   THE FIRST THREE OR FOUR NUMBERS INDICATE THE SIZE (NOMINAL MEMBER DEPTH). THE NEXT LETTER INDICATES THE FUNCTION:
   A) S = C-STUD/JOIST (C-SECTIONS WITH LIPS FOR LOAD BEARING AND CURTAIN WALL APPLICATIONS)
   B) T = TRACK (C-SECTIONS WITHOUT LIPS FOR TRACK AND CLOSURE APPLICATIONS)
   C) U = CHANNEL (U-SECTIONS FOR BRIDGING AND BRACING APPLICATIONS)
   D) F = FURRING CHANNEL (HAT-SECTIONS FOR FURRING APPLICATIONS)
   THE LAST TWO NUMBERS INDICATE THE MINIMUM DELIVERED STEEL THICKNESS IN MILS (1/1000 INCHES).
3. STUDS SHALL BE INSTALLED PLUMB AND SPACED AS SHOWN ON THE DRAWINGS BUT SHALL NOT BE SPACED GREATER THAN 16" oc.
4. ENDS OF STUDS SHOULD SEAT SQUARELY AND FIRMLY IN RUNNER TRACK WHICH MUST HAVE FULL BEARING ON STRUCTURE.
5. ATTACH EACH RUNNER TRACK LEG TO EACH STUD FLANGE WITH ONE (1) #12 PANHEAD SCREW.
6. NO NOTCHING OR COPING OF STUDS IS NOT ALLOWED EXCEPT AS INDICATED ON THE DRAWINGS.
7. STUDS AND HEADERS SHALL BE INSTALLED FULL LENGTH WITHOUT SPLICING.
8. PROVIDE STUDS WITH PUNCHOUTS FOR LATERAL BRACING AT SPACING SPECIFIED IN THE DRAWINGS.
9. PROVIDE HEADERS AND TRACKS WITHOUT PUNCHOUTS. DO NOT USE STUDS WITH PUCHOUTS FOR HEADERS.
10. PROVIDE 1-1/2" X 16 GA. COLD ROLLED CHANNELS AT 48" OC FOR LATERAL BRIDGING. CHANNELS ARE INSERTED THROUGH WEB PUNCHOUTS AND SECURED TO WEB STUD WITH SCREW ATTACHED WITH BRIDGE CLIP BY TSN OR 2" X 2" X 16 GAUGE CLIP ANGLES CUT TO LENGTH (STUD WIDTH - 1/2"). ATTACH CLIP ANGLES TO STUDS WITH TWO #10 SCREWS LOCATED 1/2" FROM EACH SIDE OF THE CLIP. ATTACH TO THE BRIDGING CHANNEL WITH TWO #10 SCREWS
11. ALL HORIZONTAL AND DIAGONAL BRACING SHALL BE INSTALLED AT THE TIME THE WALL IS ERECTED. FAILURE TO INSTALL BRACING AT THIS TIME MAY COMPROMISE THE STRUCTURAL INTEGRITY OF THE BUILDING.
12. USE LOW PROFILE (PAN HEAD OR PANCAKE HEAD) SCREWS FOR ALL STEEL TO STEEL CONNECTIONS BEHIND SHEATHING. TEK (HEX HEAD) SCREWS MAY BE USED WHERE SHEATHING IS NOT APPLIED OVER THE SCREW. #12 SCREWS (DIA.=0.216") SHALL BE USED TYPICALLY EXCEPT WHERE #10 (DIA.=0.190") ARE SPECIFIED. #12 SCREWS MAY BE SUBSTITUTED FOR #10 SCREWS. STEEL TO STEEL SCREWS SHALL BE SELF-TAPPING / SELF-DRILLING.
13. A 3/4" (MINIMUM) CLEARANCE MUST BE MAINTAINED FROM ALL EDGES OF THE STEEL MEMBERS IN LOCATING SCREWS. A 3/4" (MINIMUM) ON CENTER SPACING MUST BE MAINTAINED BETWEEN ADJACENT SCREWS.
14. USE #12 BUGLE HEAD, SCREWS FOR ATTACHMENT OF WOOD SHEATHING TO METAL STUDS. WOOD TO STEEL SCREWS SHALL BE SELF-REAMING AND SELF-TAPPING/SELF-DRILLING.
15. ALL CONNECTIONS SHALL BE COMPLETE AS PER THE PLANS AND SPECIFICATIONS AT THE TIME OF INSTALLATION.
16. RUNNER TRACKS SHALL BE SPLICED BY LAPPING AND SCREWING.

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 18427 ENGINEER DEAN ARP
8.21.2024

ARP ENGINEERING
CONSULTING ENGINEERS
207 EAST FRANKLIN STREET, SUITE A
PO BOX 587 MONROE NC 28111
(704) 225-0079
NC COA C2424

All ideas, designs, drawings, and specifications shown thereon are the property of ARP Engineering Inc. All rights reserved including rights of reproduction. This drawing must not be reproduced or copied in whole or in part without the express written permission of ARP Engineering Inc.
COPYRIGHT @ 2024, ARP ENGINEERING, INC.

REVISIONS
NO DATE REMARKS

ahold delhaize USA

FOOD LION
210 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE RD.
MINT HIL, NC 28227

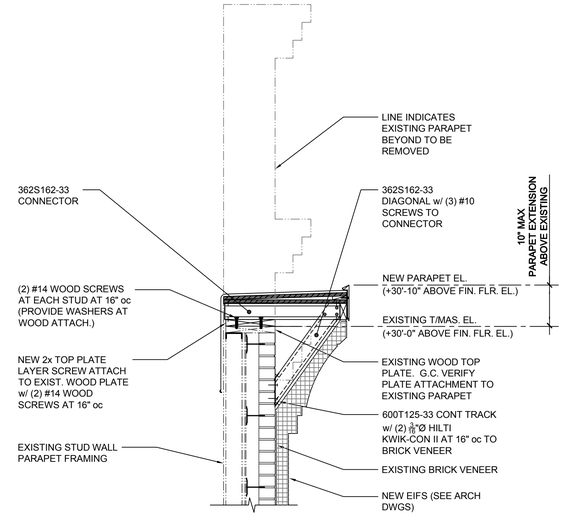
PROJECT NO: 2216FLMK24
DATE: 8/21/24

21 OF 44

S1.02

STRUCTURAL ROOF FRAMING PLAN

CHECKED: LD ADRAWN: DMK




1 / S5.01 SECTION AT PARAPET MODIFICATION

N.T.S.

MECKLENBURG COUNTY
CODE ENFORCEMENT

The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
2601 Pilgrim Court, Suite 130
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 18427 ENGINEER DEAN ARP

8.21.2024

ARP ENGINEERING
CONSULTING ENGINEERS
207 EAST FRANKLIN STREET, SUITE A
PO BOX 587 MONROE NC 28111
(704) 225-0079
NC COA C2424

ALL IDEAS, DESIGNS, DRAWINGS, AND SPECIFICATIONS SHOWN THERON ARE THE PROPERTY OF ARP ENGINEERING INC. ALL RIGHTS RESERVED INCLUDING RIGHTS OF REPRODUCTION. THIS DRAWING MUST NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF ARP ENGINEERING INC.

COPYRIGHT @ 2024, ARP ENGINEERING, INC.

REVISIONS
NO DATE REMARKS

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

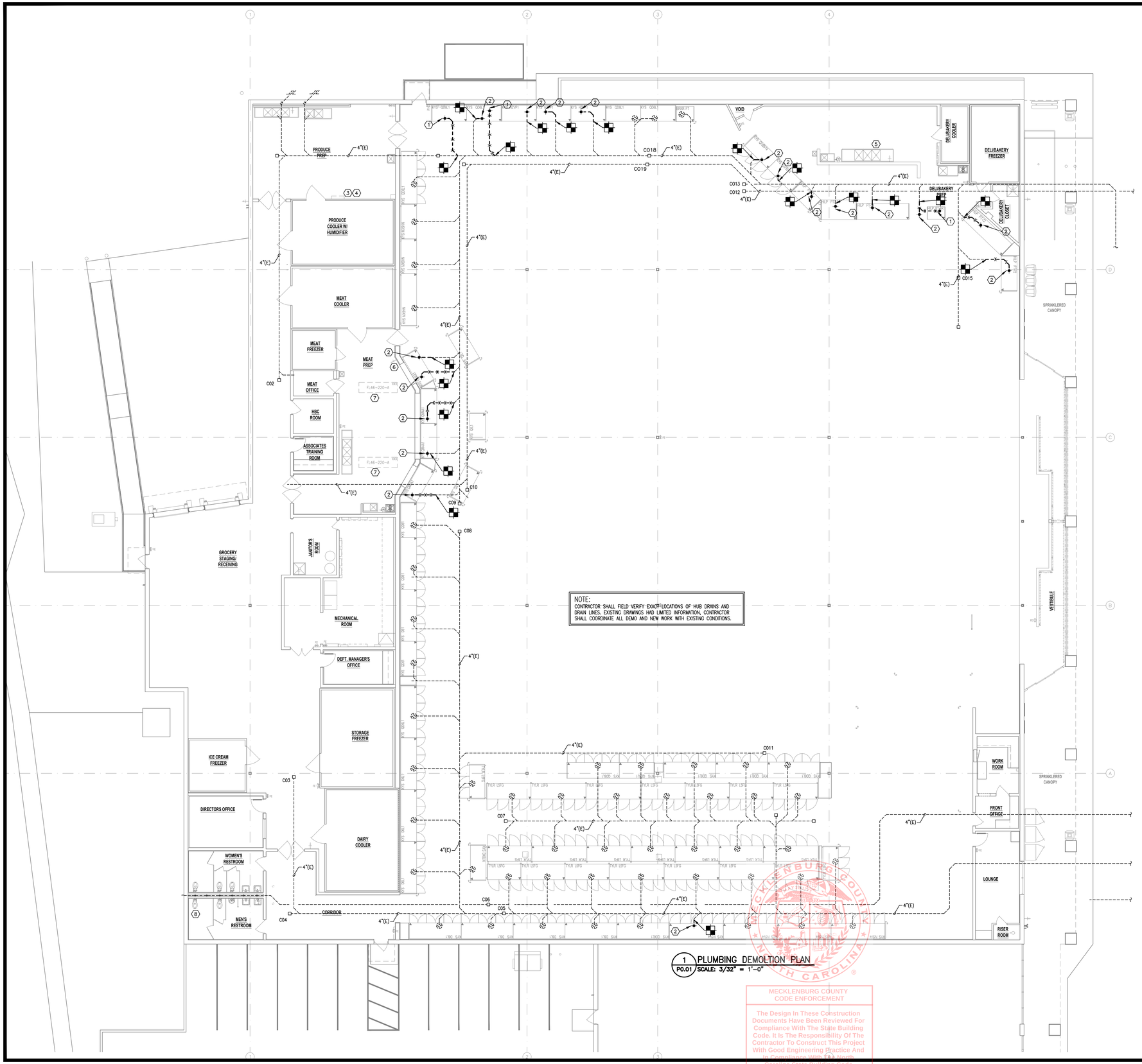
# FOOD LION REMODEL
# STORE #2216
6275 WILSON GROVE RD.
MINT HIL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 8/21/24



S5.01
STRUCTURAL DETAILS

CHECKED: LDA DRAWN: DMK




NOTE:
CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS OF HUB DRAINS AND DRAIN LINES. EXISTING DRAWINGS HAD LIMITED INFORMATION. CONTRACTOR SHALL COORDINATE ALL DEMO AND NEW WORK WITH EXISTING CONDITIONS.

1 P0.01 PLUMBING DEMOLTION PLAN
SCALE: 3/32" = 1'-0"

MECKLENBURG COUNTY
CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

## PLUMBING LEGEND

- – EXISTING CLEAN OUT
- – EXISTING FLOOR SINK
- – EXISTING FLOOR DRAIN
- – WALL CLEAN OUT (WCO)
- – EXISTING HUB DRAIN TO REMAIN EXISTING
- – HUB DRAIN TO BE REMOVED
- VTR(E) – EXISTING VENT THROUGH ROOF
- – EXISTING LINE CAPPED OFF
- – TRENCH DRAIN
- – CUT TO THIS LOCATION
- AFF – ABOVE FINISH FLOOR
- (E) – EXISTING
- – EXISTING GREASE WASTE
- – EXISTING SANITARY WASTE LINE
- – EXISTING VENT LINE
- – EXISTING PLUMBING LINE TO BE REMOVED
- – FIXTURE TO BE REMOVED

## GENERAL NOTES

1. ALL CONTRACTORS SHALL COMPLY WITH ALL STATE AND LOCAL CODES.
2. THE GENERAL CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES AS NEEDED. ALL RELOCATION OF UTILITIES SHALL BE COORDINATED WITH FOOD LION CONSTRUCTION MANAGER AND/OR LOCAL UTILITIES.
3. GENERAL CONTRACTOR SHALL PATCH AND REPAIR FLOOR, CEILING, ADJOINING WALLS AND OPENINGS WHERE WALLS AND EQUIPMENT HAVE BEEN REMOVED, WORK WILL BE DONE IN A PROFESSIONAL MANNER WITH MATCHING MATERIALS.
4. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL ROOF OPENINGS OR PENETRATIONS CAUSED BY THE REMOVAL OF STRUCTURAL, PLUMBING, ELECTRICAL, MECHANICAL AND REFRIGERATION MATERIALS OR EQUIPMENT. REFER TO FINISH SCHEDULE. COORDINATE WITH LANDLORD'S ROOFING CONTRACTOR TO MAINTAIN WARRANTY.
5. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND CAPPING ALL ELECTRICAL STUB-UPS, DRAINS AND PITS THAT CANNOT BE REUSED, PATCH AND REPAIR FLOOR AS NEEDED.
6. PLUMBING CONTRACTOR SHALL COORDINATE THE REMOVAL AND STORAGE OF PLUMBING FIXTURES WITH THE FOOD LION CONSTRUCTION MANAGER. PLUMBING DEMOLITION WILL NOT BE ALLOWED UNTIL THE COORDINATION IS COMPLETE.
7. THE EXISTING CONDITIONS ON THIS SHEET ARE INTENDED TO CONVEY THE APPROXMATE CONDITION OF THE BUILDING. ALL DATA SHALL BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK. ANY CONDITIONS WHICH DIFFER SUBSTANTIALLY FROM THAT INDICATED ON THE EXISTING FIXTURE PLAN OR IN THE CONSTRUCTION DOCUMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE FOOD LION CONSTRUCTION MANAGER.
8. THE DEMOLITION PLAN IDENTIFIES GENERAL AREA/ITEMS TO BE DEMOLISHED ONLY AND IS NOT INTENDED TO ILLUSTRATE EACH AND EVERY ITEM REQUIRING DEMOLITION. THE GENERAL CONTRACTOR SHALL FAMILIARIZE HIMSELF/HERSELF WITH ALL EXISTING CONDITIONS IN ORDER TO ASCERTAIN THE FULL EXTENT OF DEMOLITION TO BE PERFORMED. CLOSE COORDINATION WITH THE FOOD LION CONSTRUCTION MANAGER IS CRITICAL DURING ALL PHASES OF DEMOLITION AND CONSTRUCTION.

## KEY NOTES

1. REMOVE EXISTING HUB DRAIN AND CAP BRANCH LINE AT MAIN. REPAIR FLOOR TO MATCH EXISTING.
2. REMOVE EXISTING HUB DRAIN AND PREPARE BRANCH LINE TO BE MODIFIED. SEE SHEET P1.01 FOR NEW WORK. REPAIR FLOOR TO MATCH EXISTING.
3. MISTING SYSTEM REMOVAL: PREPARE WATER LINES TO BE MODIFIED. SEE SHEETS P1.03 FOR NEW WORK. REPAIR WALL TO RECEIVE NEW FINISHES.
4. HUMIDIFIER REMOVAL: REMOVE BOX/CHASE, TERMINATE ELECTRICAL TO A JUNCTION BOX ABOVE THE CEILING, CAP OFF WATER ABOVE CEILING, REMOVE VISIBLE PLUMBING AND ELECTRICAL. SEAL ALL PENETRATIONS.
5. REMOVE EXISTING 3-COMPARTMENT SINK AND PREPARE WATER & WASTE LINES TO BE MODIFIED. SEE SHEETS P1.01 AND P1.03 FOR NEW WORK. EXISTING FLOOR SINK TO REMAIN.
6. RELOCATE EXISTING HOSE BIB, CAP EXISTING WATER AT MAIN. REPAIR WALL TO RECEIVE NEW FINISHES. SEE P1.03 FOR NEW WORK.
7. RELOCATE EVAPORATOR, ADJUST EXISTING WASTE PIPING AS REQUIRED FOR RECONNECTION.
8. REMOVE EXISTING WATER CLOSET FLUSH VALVE TO BE REMOVED. PREPARE WATER LINES TO BE MODIFIED. SEE SHEETS P1.03 FOR NEW WORK. PROTECT WALL.

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 42587 ENGINEER RYAN J CRAWFORD

08/21/2024

CORPORATE SEAL:

PAGE INTERWORKS, P.A.
ENGINEERS & CONSULTANTS
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4220 FAX: 336-667-4332
NC BUSINESS FIRM P-1284
EXPIRES JUNE 30, 2025

REVISIONS
NO DATE REMARKS

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

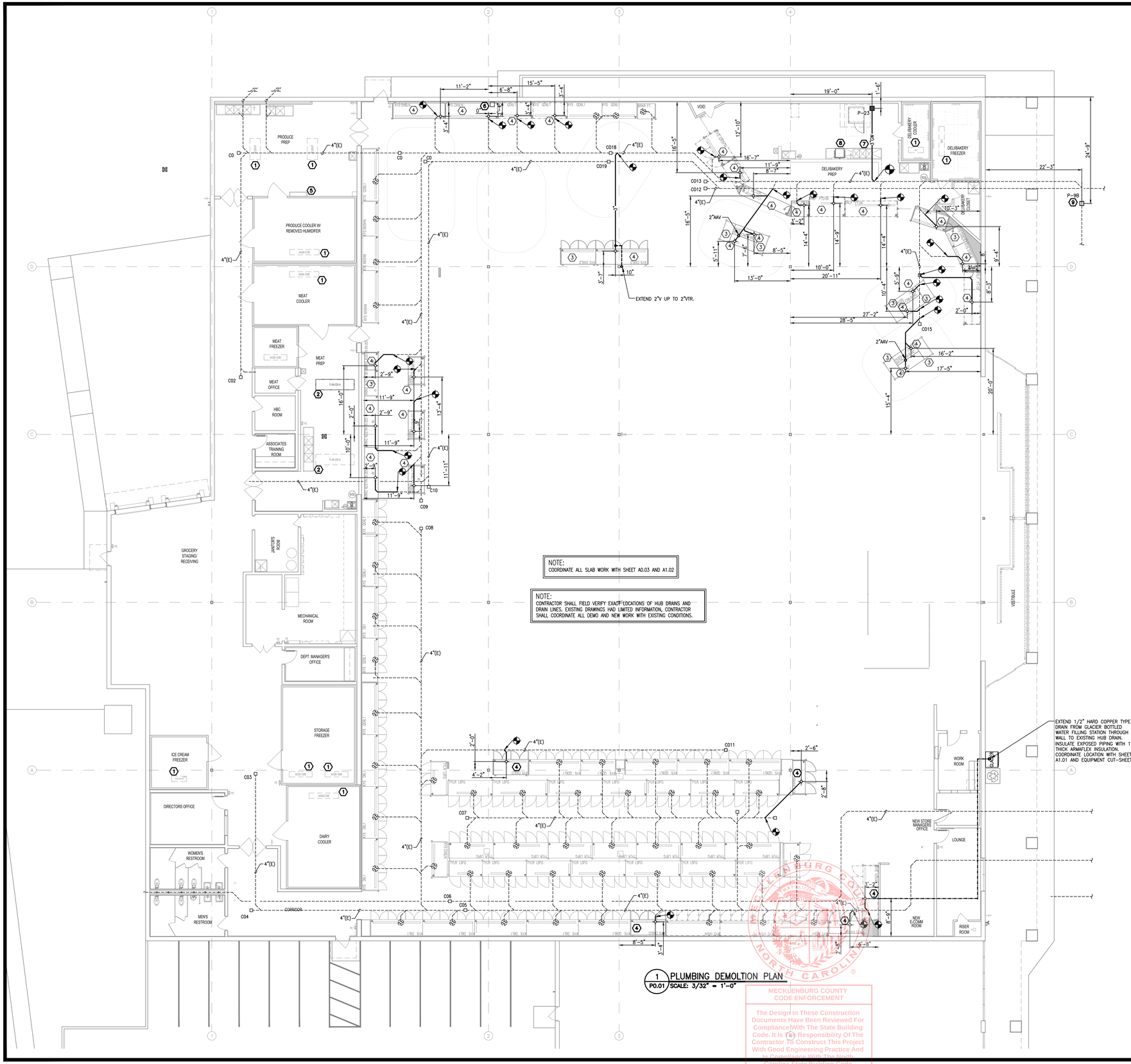
PROJECT NO: 2216FLMK24
DATE: 06/21/2024



P0.01

PLUMBING DEMOLITION PLAN

CHECKED: RJC DRAWN: BJE




NOTE:
COORDINATE ALL SLAB WORK WITH SHEET A0.03 AND A1.02

NOTE:
CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS OF HUB DRAINS AND DRAIN LINES. EXISTING DRAWINGS HAD LIMITED INFORMATION, CONTRACTOR SHALL COORDINATE ALL DEMO AND NEW WORK WITH EXISTING CONDITIONS.

1 PLUMBING DEMOLTION PLAN
P0.01 SCALE: 3/32" = 1'-0"

## PLUMBING LEGEND

- NEW CLEAN OUT FLUSH WITH FINISH FLOOR
- EXISTING CLEAN OUT
- NEW FLOOR SINK
- EXISTING FLOOR SINK
- NEW FLOOR DRAIN
- EXISTING FLOOR DRAIN
- WALL CLEAN OUT (WCO)
- NEW HUB DRAIN WITH 4x3 BELL REDUCER
- EXISTING HUB DRAIN TO REMAIN EXISTING
- HUB DRAIN TO BE REMOVED
- VTR – VENT THROUGH ROOF
- X" VTR (EX) – EXISTING VENT THROUGH ROOF
- EXISTING LINE CAPPED OFF
- TRENCH DRAIN
- EVAP – REFRIGERATION EVAPORATORS
- CONNECT TO EXISTING
- AFF – ABOVE FINISH FLOOR
- (E) – EXISTING
- NEW CONDENSATE DRAIN LINES
- NEW VENT LINES
- NEW SANITARY SEWER LINES
- GREASE WASTE EXISTING
- EXISTING WASTE LINE
- EXISTING VENT LINE
- EXISTING PLUMBING LINE TO BE REMOVED

## GENERAL NOTES

1. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO COMPLY WITH STATE AND LOCAL PLUMBING CODES AND VERIFY THE ACCEPTABILITY OF SINKS, DRAINS, AND RELATED ITEMS AND REQUIRED ITEMS INCLUDED, BUT NOT LIMITED TO, GREASE INTERCEPTORS, BACKFLOW PREVENTERS.
2. PLUMBING CONTRACTOR SHALL SUPPLY AND INSTALL ANY ADDITIONAL FIXTURES FOR CODE COMPLIANCE SUCH AS GREASE INTERCEPTORS, BACKFLOW PREVENTERS, ETC.
3. PLUMBING CONTRACTOR SHALL PROVIDE ALL VISIBLE HUB DRAINS WITH RECESSED "SNAP-IN" HUB SCREENS. NO "SNAP-IN" HUB SCREENS ARE REQUIRED FOR HUB DRAINS UNDER CASES. ORDER DRAIN COVER FROM PLASTIC ODDITIES 1-800-438-5327. PART NO. PSI-310
4. REFRIGERATION CONTRACTOR IS RESPONSIBLE FOR RUNNING PVC DRAIN LINES FROM DRAINS ON CASES TO THEIR RESPECTIVE HUB DRAINS (REMODELS & OPERATIONAL TAKEOVERS).
5. ALL SANITARY WASTE AND VENT PIPING SHALL BE NO-HUB ASSEMBLY, CAST IRON WITH STAINLESS STEEL BANDS OR PVC – SCHEDULE 40 ASTMD-2665

QUALITY CONTROL NOTES:

6. GENERAL CONTRACTOR TO ENSURE;
   - POSITIVE DRAINING IN PREP AREAS, RESTROOMS AND COOLERS.
   - CLEAN OUT COVERS AND TILE RINGS TO BE FLUSH WITH FINISH FLOOR TILE.
   - NO FLOOR CLEANOUTS SHALL BE LOCATED IN AREAS WITH ACRYLIC RESIN FLOOR WHERE POSSIBLE. SEE SHEET A1.05.
   - SEE SHEET P6.01 FOR HUB DRAIN INSTALLATION DETAILS
7. PLUMBING CONTRACTOR SHALL COORDINATE FLOOR DRAIN LOCATIONS WITH GENERAL CONTRACTOR AND SHEET A1.02.
8. PLUMBING CONTRACTOR TO VERIFY THAT ALL SANITARY DRAINS AND HUB DRAINS ARE CLEAR OF DEBRIS. HUB DRAINS ARE TO BE TEMPORARILY SEALED WITH PVC PLUG UNTIL A CASE IS INSTALLED OR CONDENSATE IS FLOWING.
9. ALL SANITARY TEES SHALL BE COMBINATION TEES.
10. DIMENSIONS ARE SHOWN FROM INTERIOR SURFACE OF EXTERIOR BUILDING WALLS OR COLUMN CENTER LINE, UNLESS OTHERWISE INDICATED. DIMENSIONS SHALL BE MAINTAINED WITHIN ONE INCH AS INDICATED ON PLANS.
11. ~~PROVIDE "T-8" FLOOR DRAIN IF DOMESTIC WATER AND FIRE RISER REDUCED PRESSURE~~ ZONE ASSEMBLY BACKFLOW PREVENTERS ARE REQUIRED BY LOCAL WATER PROVIDER OR AUTHORITY HAVING JURISDICTION. OMIT FLOOR DRAIN IF DOUBLE CHECK ASSEMBLY TYPE BACKFLOW PREVENTER IS ACCEPTABLE.
12. ~~H.V.A.C. CONDENSATE PIPING SHOWN ON THIS PLUMBING DRAWING FOR ROUTING PURPOSES.~~
13. V.T.R.'S SHALL BE A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE. COORDINATE AS REQUIRED WITH MECHANICAL CONTRACTOR AND MECHANICAL PLAN.
14. ~~P-18 SHALL BE USED WHEN BASKET STRAINER IS REQUIRED BY CODE.~~
15. PLUMBING CONTRACTOR TO CAP OFF EXISTING DRAINS, CLEANOUTS, ETC. AND ABANDONED SEWER LINES THAT CAN NOT BE REUSED. REPAIR FLOOR AS REQUIRED.
16. PLUMBING CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EXISTING DRAINS AND SANITARY SEWER LINES. PLUMBING CONTRACTOR TO REPORT ANY DISCREPANCIES TO THE DELHAIZE CONSTRUCTION MANAGER.
17. WHERE EXISTING CLEANOUTS OCCUR UNDER CASEWORK, RELOCATE AS REQUIRED.
18. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR:
    - INSTALLING/RELOCATING HUB DRAINS (4" BELL HUBS ARE REQUIRED WHERE TWO CASES SHARE ONE CONDENSATE HUB IN THE FLOOR FOR EXISTING CASES. 4" BELL HUBS REQUIRED WHERE CASES ARE NEW OR RELOCATED). ALL EXPOSED HUBS SHALL BE 4" BELL TYPE WITH PVC SCREEN INSERTS. (NO MORE THAN TWO CASES CAN BE PIPED TO ONE HUB). PLUMBING CONTRACTOR WILL BE REQUIRED TO INSTALL HUBS AS NOTED ON THE PLANS AND SHALL NOT COMBINE HUBS IN AREAS OF NEW WORK.
    - VERIFYING ALL HUB DRAIN PLACEMENTS WITH THE DRAWINGS, CASE MANUFACTURER SPECS, AND THE CONSTRUCTION MANAGER. IF THIS IS NOT DONE, ALL ASSOCIATED COST WILL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR. ALL HUB DRAINS SHALL EXTEND ABOVE FINISHED FLOOR USING A 4" HUB BELL. (SEE HUB DRAIN DETAIL #5 ON SHEET P6.01)
    - HOOKING UP ALL PRODUCE & DAIRY CASE WATER QUICK CONNECTS.
19. REFRIGERATION CONTRACTOR TO INSTALL CASE DRAINS. CASE DRAINS TO BE CUT ON A 45° ANGLE WITH AN APPROPRIATE AIR GAP AS DICTATED BY THE LOCAL JURISDICTION. CASE DRAINS SHALL NOT BE VISIBLE OUTSIDE OF THE KICK PLATES. PLUMBING CONTRACTOR TO INSTALL/RELOCATE HUB DRAINS, EVAPORATOR COIL CONDENSATE DRAINS. EACH CASE WILL BE PIPED TO ITS OWN CONDENSATE HUB. THE REFRIGERATION CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING PERMITS & FINAL INSPECTIONS FOR THEIR WORK.
20. PLUMBING CONTRACTOR SHALL ADJUST EXISTING FLOOR CLEANOUT COVERS TO BE FLUSH AND LEVEL WITH THE NEW FINISHED FLOOR. SEE BID NOTES FOR QUANTITY. NO STAINLESS STEEL COVER PLATES WILL BE ALLOWED. IF THE EXISTING CLEANOUT COVER IS OF THE ADJUSTABLE TYPE, THE CONTRACTOR SHALL RAISE OR LOWER THE COVER TO MATCH THE NEW FINISHED FLOOR ELEVATION. LEVELING SHALL BE ACCOMPLISHED BY CORE DRILLING OR SAWCUTTING SUFFICIENT CONCRETE TO ACCESS THE LINE, PLUMB AND LEVEL THE COVER. REPLACE ANY DAMAGED CLEANOUT COVERS. IF THE EXISTING CLEANOUT COVER IS NOT OF THE ADJUSTABLE TYPE, THE CONTRACTOR SHALL CORE DRILL AROUND ROUND CLEANOUT COVERS OR SAWCUT AROUND RECTILINEAR COVERS TO ACCESS THE LINE. REPLACE THE CLEANOUT WITH AN ADJUSTABLE CLEANOUT AS SPECIFIED (SIOUX CHIEF 834-4PNR). VERIFY COMPATIBILITY WITH DRAIN LINES. REPLACEMENT CONCRETE WHERE CONCRETE HAS BEEN REMOVED TO ACCOMPLISH THE WORK SHALL BE MINIMUM 3000 psi.
21. THE REFRIGERATION CONTRACTOR CAN TIE DRAINS FROM ADJECENT CASES INTO THE SAME HUB DRAIN ABOVE SLAB. TWO CASE MAXIMUM PER HUB DRAIN.
22. PLUMBING CONTRACTOR TO RUN COPPER DRAIN LINE FOR WALK-IN EVAPORATOR COILS.
23. FOR NEW AND RELOCATED TOILETS, INSURE THAT THE PROPER SIZED WAX RING AND IF NEEDED, TOILET FLANGE ADAPTOR ARE USED ALLOWING FOR BOTH A WATER TIGHT AND AIR TIGHT SEAL AT TOILET FLANGE CONNECTION.
24. SEAL JOINTS BETWEEN FIXTURES AND WALLS, FLOORS, AND COUNTERS USING SANITARY-TYPE ONE PART, MILDEW-RESISTANT SILICONE SEALANT. MATCH SEALANT TO FIXTURE COLOR. REFER TO SPECIFICATIONS.

## DRAIN REPORT REPAIRS

THE FOLLOWING ITEMS HAVE BEEN NOTED AS FOOD LION REQUIRED REPAIRS AS INDICATED ON THE CRESCENT CONSTRUCTION SERVICES, LLC DRAIN REPORT AND ALL COST INVOLVED WITH MAKING THE REPAIRS SHALL BE INCLUDED IN THE PLUMBING CONTRACTOR'S SCOPE OF WORK FOR THIS PROJECT:

D-13 ADD CLEANOUT

REFER TO CRESCENT CONSTRUCTION SERVICES, LLC DRAIN REPORT FOR ADDITIONAL INFORMATION.

## WASTE AND VENT KEY NOTES

1. EXISTING CONDENSATE DRAINS FROM EVAPORATORS TO REMAIN.
2. NEW CONDENSATE LINES. SEE DETAIL ON SHEET P6.01.
3. TIE DRAIN FOR THIS CASE INTO HUB DRAIN OF A SIMILAR ADJACENT CASE ABOVE SLAB.
4. EXTEND 3" WASTE LINE TO NEW HUB DRAIN. VERIFY LOCATION WITH OWNER PRIOR TO CONSTRUCTION. REPAIR FLOOR TO MATCH EXISTING. SEE DETAIL ON SHEET P6.01.
5. EXTEND ½" DRAIN FROM FOGGING SYSTEM TO NEAREST HUB DRAIN.
6. EXTEND ½" DRAIN FROM MISTING SYSTEM SOLENOID/MANIFOLD BOX TO NEAREST HUB DRAIN.
7. NEW 3-COMPARTMENT SINK AS INDICATED ON SHEET P1.01. VERIFY LOCATION WITH OWNERS. EXTEND 1½" INDIRECT DRAIN TO EXISTING FLOOR SINK EXTEND TO EXISTING GREASE INTERCEPTOR. REPAIR FLOOR & WALL TO MATCH EXISTING. SEE DETAIL ON SHEET P6.01.
8. NEW DISHWASHER EXTEND WASTE LINE TO EXISTING FLOOR SINK.
9. PER CRESCENT REPORT D-13 CLEANOUT IS NEEDED. CLEANOUT SHALL BE INSTALLED 24'-9" IN FROM RIGHT WALL AND 22'-5" FROM FRONT WALL; LINE IS APPROXIMATELY 7'-3" DEEP.

MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 42587 ENGINEER RYAN CRAWFORD
08/21/2024
CORPORATE SEAL:

PAGE INTERWORKS ENGINEERS & CONSULTANTS, P.A.
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332
NC BUSINESS FIRM C-1734
JUNE 30, 2025

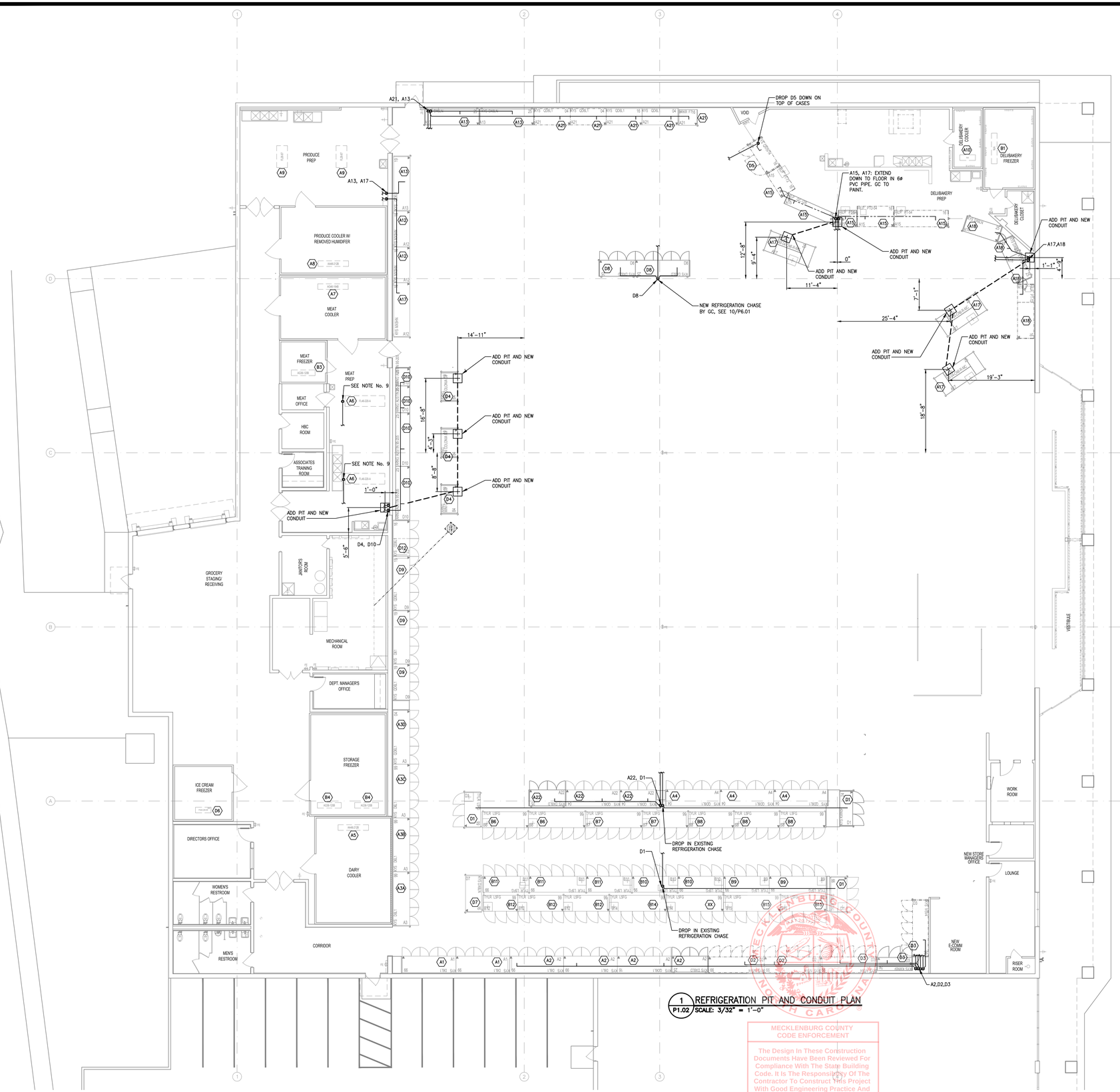
REVISIONS
NO DATE REMARKS

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 06/21/2024
24 OF 44
P1.01
SANITARY SEWER AND DRAIN PLAN
CHECKED: RJC DRAWN: BJE




1 REFRIGERATION PIT AND CONDUIT PLAN
P1.02 SCALE: 3/32" = 1'-0"

MECKLENBURG COUNTY CODE ENFORCEMENT

The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

## GENERAL NOTES

1. DIMENSIONS TO BE MAINTAINED WITHIN ONE INCH AS SHOWN.
2. DIMENSIONS ARE SHOWN FROM INTERIOR SURFACE OF EXTERIOR BUILDING WALLS, OR CLOSEST EXISTING INTERIOR WALL.
3. GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL ACCESS TRENCHES, ACCESS PITS & CONDUIT RUNS.
   - ACCESS PITS SHALL BE PREFAB FIBERGLASS BY MOORES FIBERGLASS (252) 753-2583 OR CNB ENTERPRISES 1-(888)-403-0506
   - ACCESS PITS SHALL BE 24"x24"x18-½" UNLESS NOTED OTHERWISE
   - REFRIGERATION CONDUIT TO BE INSTALLED LEVEL UNDER SLAB
   - NO REFRIGERATION CONDUIT RUNS SHALL BE STACKED UNDER SLAB
4. GENERAL CONTRACTOR IS RESPONSIBLE FOR PREVENTING ANY FOREIGN MATTER FROM ENTERING THE CONDUIT SYSTEM.
   - PROTECT OPEN END OF CONDUIT DURING CONSTRUCTION TO PREVENT DEBRIS FROM ENTERING CONDUIT AND SEAL END OF CONDUIT WITH RODENT PROOF MATERIAL ON BOTH SIDES IMMEDIATELY AFTER REFRIGERATION PIPING HAS BEEN INSTALLED AND INSPECTED
   - SEAL ACCESS PITS PER MANUFACTURER'S RECOMMENDATIONS BY CAPPING WITH CONCRETE GROUT AND FLOOR TILE AFTER REFRIGERATION LINES HAVE BEEN INSPECTED AND TESTED
   - SEAL OPEN END OF 6"ø CONDUIT TO PREVENT SAND FROM ENTERING CONDUIT IN ALL ACCESS PITS IMMEDIATELY AFTER PIPE IS INSTALLED
5. REFRIGERATION CONTRACTOR IS RESPONSIBLE FOR SEALING, GROUTING & PATCHING AROUND REFRIGERATION LINES AT WALL PENETRATIONS.
6. REFRIGERATION CONTRACTOR TO ANCHOR ALL PROMO CASES TO FINISHED FLOOR AT ALL FOUR CORNERS OF CASE, AFTER ALL TESTING HAS BEEN COMPLETED.
7. MINIMUM SPACE BETWEEN UNDERSLAB PVC CONDUITS SHALL BE 4".
8. GENERAL CONTRACTOR SHALL BOX AROUND EXPOSED REFRIGERATION LINES WITH 3 5/8" METAL STUDS & FINISH TO MATCH SURROUNDING AREA.
9. REFRIGERATION PIPING (LIQUID AND SUCTION) SHALL DROP DOWN THRU THE PRE-FAB ROOF OF THE WALK-IN/PREPS AS APPLICABLE. THIS SHALL BE AS NEAR THE CONNECTION POINT OF THE EVAPORATOR AS MECHANICALLY POSSIBLE. THE REFRIGERATION CONTRACTOR SHALL COORDINATE THIS WORK WITH ALL TRADES TO AVOID ISSUES WITH LIGHTS, DRAIN PIPING, ETC. AND ELIMINATE EXTRA WORK AND COST.
10. WHEN REFRIGERATION LINES ARE PENETRATING ANY WALLS, GENERAL CONTRACTOR SHALL SEAL AROUND LINES WITH FOAM INSULATION.
11. REFRIGERATION CONTRACTOR SHALL RUN ALL OVERHEAD LINES TO FLOOR, THEN INSTALL A TRAP AND PIPE STUB. DOOR CASES ARE TO BE PUSHED ONTO STUBS AND CONTRACTOR TO MAKE CONNECTION AS USUAL UNDER CASES.
12. FIBERGLASS PITS CAN BE MODIFIED AS NEEDED TO WORK AROUND EXISTING CONDUIT, ETC. POUR BACKS SHALL BE FINISHED FLUSH WITH A MINIMUM 2" CONCRETE TO THE EXISTING SLAB, ALLOW FOR PLYWOOD BOTTOM SPLIT IN HALF TO ALLOW FOR FUTURE PIT ACCESS. ALL REVISED PITS MUST BE SEALED COMPLETELY TO RODENT PROOF AND ELIMINATE CONSTRUCTION MATERIAL FROM DAMAGING THE REFRIGERATION LINES. SPECIAL PRECAUTIONS SHALL BE MADE WHEN CUTTING HOLES IN FIBERGLASS BOXES TO LIMIT THE AMOUNT OF FIBERGLASS THAT IS CUT AWAY FOR LINE INSTALLATIONS. ALL PITS SHALL BE PHOTOGRAPHED WITH CURRENT DATE TO SHOW INTERIOR BEFORE AND AFTER VAPOR BARRIER INSTALL AND TRENCH COMPLETION. GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL NEW ACCESS TRENCHES, ACCESS PITS AND CONDUIT RUNS.
13. EXISTING EVAPORATOR WITH REFRIGERANT LINES RUN OVERHEAD BACK TO THE EQUIPMENT ROOM.
14. REFRIGERATION CONTRACTOR IS RESPONSIBLE FOR CONNECTING/RECONNECTING CASE AND EVAPORATOR DRAINS.
15. GENERAL CONTRACTOR SHALL BOX AROUND EXPOSED REFRIGERATION LINES, SEE 10/P6.01. REFRIGERATION DROPS/BOXING TO BE IN LINE WITH SALES AREA COLUMNS. PAINT TO MATCH GYP BD WALLS.
16. GC SHALL VERIFY EXISTING DIELECTRIC UNIONS AT ALL EVAPORATORS. IF NONE EXISTING, PROVIDE. SEE 12/P6.01.
17. SHARK BITE FITTINGS ARE NOT TO BE USED

## SYMBOL LEGEND

- EXISTING ACCESS PIT TO BE FILLED WITH 2500 PSI CONCRETE
- EXISTING ACCESS PIT TO REMAIN
- NEW ACCESS PIT
- SVA3-100 — EXISTING EVAPORATOR COILS – REFRIGERANT PIPING TO REMAIN
- A66-345 — NEW EVAPORATOR COILS
- A1 — REFRIGERATION CIRCUIT
- EXISTING BELOW SLAB REFRIGERANT CONDUIT TO BE REUSED
- EXISTING BELOW SLAB REFRIGERANT CONDUIT TO BE ABANDONED
- NEW BELOW SLAB REFRIGERANT CONDUIT
- NEW OVERHEAD REFRIGERANT CONDUIT
- NEW ABOVE SLAB AND BELOW CASE REFRIGERATION PIPING

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 42587 ENGINEER RYAN J CRAWFORD

08/21/2024

CORPORATE SEAL:

PAGE
ENGINEERS & CONSULTANTS
INTERWORKS, P.A.
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332
P.C. BUSINESS FIRM
LICENSE #C-1584
JUNE 30, 2025

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|

ahold delhaize USA

FOOD LION

2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

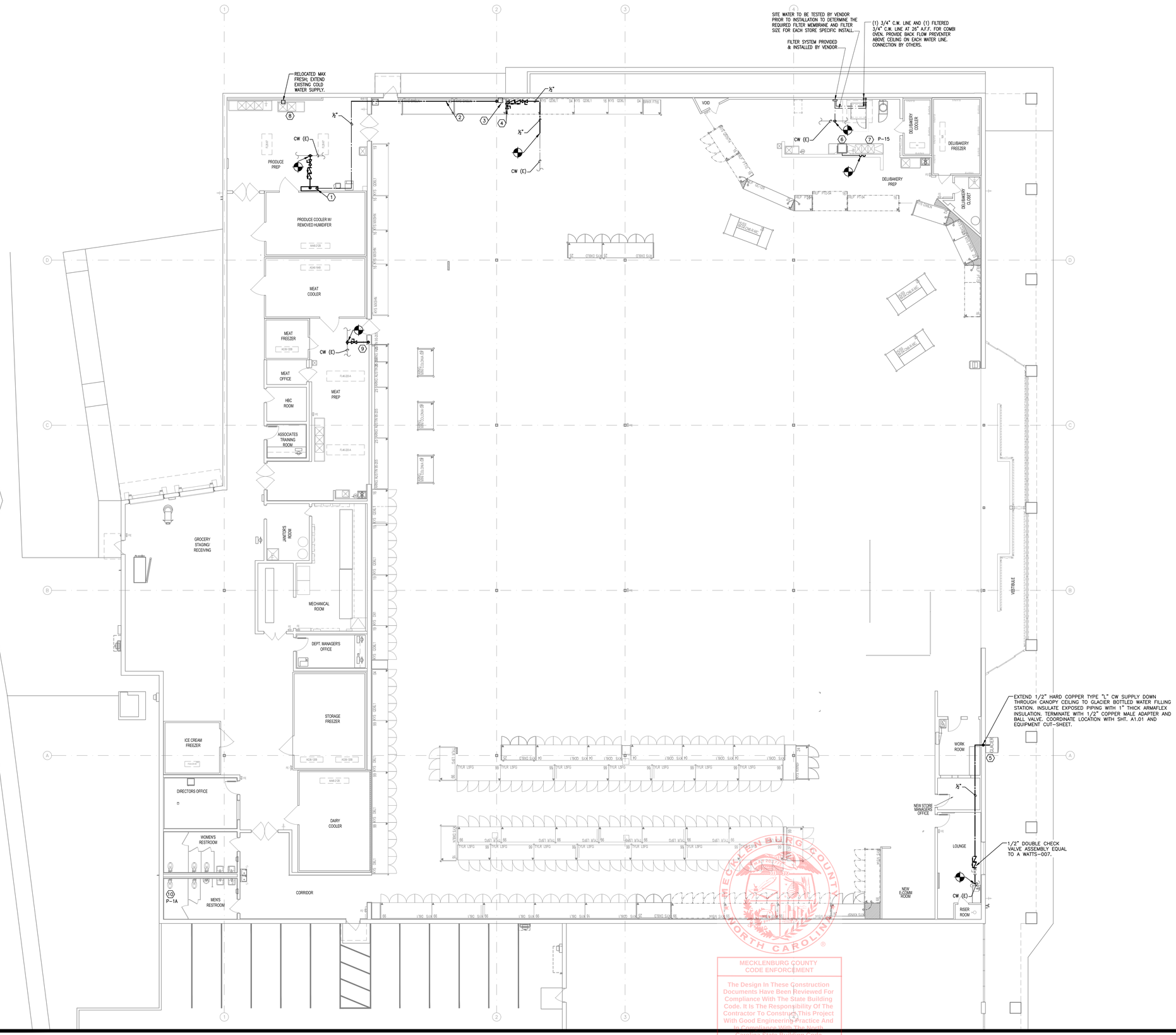
PROJECT NO: 2216FLMK24
DATE: 06/21/2024



P1.02

REFRIGERATION PIT AND CONDUIT PLAN

CHECKED: RJC DRAWN: BJE




MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

## GENERAL NOTES

1. ALL SUPPLY WATER PIPING TO BE:
   -HARD COPPER "L" W/ WROUGHT COPPER FITTINGS
   -INSULATED W/ 1/2" FIBERGLASS OR 3/8" ARMAFLEX
   -SUSPENDED FROM BAR JOISTS.
2. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO COMPLY WITH STATE AND LOCAL PLUMBING CODES AND VERIFY THE ACCEPTABILITY OF NON-SPECIFIED SINKS, DRAINS AND RELATED ITEMS. REQUIREMENT ITEMS INCLUDING, BUT NOT LIMITED TO, GREASE INTERCEPTORS, BACKFLOW PREVENTORS AND SINKS.
3. FOOD LION WILL NOT ACCEPT PLASTIC COVERS FOR CLEANOUTS. COVERS SHALL BE MADE OF CAST IRON OR BRASS.
4. PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL CHECK VALVES ON THE COLD WATER SIDE OF ALL NEW AND EXISTING MIXING HOSE BIBS, MISTING SYSTEMS, EYEWASH STATIONS AND FAUCETS, ALL PREP DEPARTMENTS (MEAT, PRODUCE, DELI/BAKERY) SHALL HAVE SHUT OFF VALVES ON BOTH COLD AND HOT WATER LINES.
5. SINKS IN MEAT PREP, PRODUCE PREP AND DELI PREP SHALL BE ORDERED AND INSTALLED WITH A 3" STANDOFF (EXCEPT HAND SINKS).
6. INSTALL AN EXPANSION TANK ON THE INLET SIDE OF ALL WATER HEATERS THAT HAVE THE BACKFLOW PREVENTER CHECK VALVES INSTALLED.
7. SEAL ALL PENETRATIONS IN JANITOR'S AREA WITH CAULK. (BEHIND ESCUTCHEONS)
8. THE EXISTING CONDITIONS INDICATED ON THIS SHEET ARE INTENDED TO CONVEY THE APPROXIMATE CONDITIONS OF THE BUILDING. ALL DATA SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE SUBMISSION OF BIDS AND/OR THE COMMENCEMENT OF WORK. ANY CONDITIONS WHICH DIFFER SUBSTANTIALLY FROM THAT INDICATED ON THE EXISTING CONDITIONS PLAN OR THE CONSTRUCTION DOCUMENTS, SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER AND FOOD LION CONSTRUCTION SUPERVISOR.

## DOMESTIC WATER KEY NOTES

1. PLUMBING CONTRACTOR TO EXTEND ¾" CW SOFT COPPER SUPPLY TO NEW FOGGING SYSTEM. PROVIDE ½" FPT BALL VALVE AND DOUBLE CHECK VALVE AT CONNECTION OF EXISTING CW SUPPLY. MOUNT TO WALL, COORDINATE EXACT LOCATION WITH CONSTRUCTION MANAGER. DOUBLE CHECK VALVE ASSEMBLY SHALL BE EQUAL TO A WATTS SERIES 007.
2. FOGGING SYSTEM VENDOR TO EXTEND ½" PEX SUPPLY ABOVE CEILING. PROVIDE SUPPORTS EVERY 24".
3. FOGGING SYSTEM VENDOR TO EXTEND ½" PEX SUPPLY TO NEW FOGGING SYSTEM SOLENOID/MANIFOLD BOX ON TOP OF CASE. SEE 1/A3.01 FOR FOGGING SYSTEM ISOMETRIC.
4. PLUMBING CONTRACTOR TO EXTEND ½" CW SUPPLY CONCEALED IN WALL DOWN TO 4" ABOVE CASE FOR CASE WASH-DOWN. PROVIDE ½" FPT BALL VALVE AND DOUBLE CHECK VALVE AT CONNECTION OF EXISTING CW SUPPLY. TERMINATE WITH ½" FPT BALL VALVE AND QUICK DISCONNECT. COORDINATE EXACT LOCATION WITH CONSTRUCTION MANAGER. DOUBLE CHECK VALVE ASSEMBLY SHALL BE EQUAL TO A WATTS SERIES 007. ALL PIPING AND ACCESSORIES SHALL BE CONCEALED FROM SALES FLOOR.
5. 1/2" CW SUPPLY FOR GLACIER WATER VENDING MACHINE.
6. INSTALL NEW DISHWASHER AS INDICATED. EXTEND MINIMUM ¾" HW (¾" RECOMMENDED LINE WITH ¾" MALE GARDEN HOSE FITTING TO DISHWASHER. VERIFY LOCATION WITH OWNER PRIOR TO CONSTRUCTION.
7. INSTALL NEW 3 COMPARTMENT SINK (P-15) AS INDICATED. EXTEND 1/2"CW/HW LINES AS REQUIRED FOR CONNECTION. SEE ARCHITECTURAL PLANS FOR DETAIL INDICATING DIMENSIONAL INFORMATION FOR EXACT LOCATION.
8. THE GC/PLUMBING CONTRACTOR SHALL FIELD VERIFY THAT THE EXISTING PRODUCE PREP VEGETABLE SINK CAN RECEIVE A NEW 8" SPREAD FAUCET ASSEMBLY. IF SO THE PLUMBING CONTRACTOR SHALL ORDER AND INSTALL (1) NEW (TS-B0156-CR) FAUCET AND (1) NEW (TS-B0131-CR-B) PRE-RINSE WAND ASSEMBLY.
9. RELOCATE HOSE BIB, EXTEND 1/2"CW LINE AS REQUIRED FOR CONNECTION.
10. EXISTING WATER CLOSET FLUSH VALVE TO BE REPLACED (P-1A). PREPARE WATER LINES TO BE MODIFIED. SEE SHEETS P0.01 FOR DEMO WORK. PROTECT WALL AND USE STAINLESS STEEL PLATE.

## PLUMBING LEGEND

- – BALL VALVE
- – CHECK VALVE (TYPICAL AT ALL MIXING FAUCETS)
- – HOSE BIBB
- – EXISTING LINE CAPPED OFF
- – CONNECT TO EXISTING
- – CUT TO THIS LOCATION
- AFF – ABOVE FINISH FLOOR
- BTC – BRANCH TO CONNECT
- (E) – EXISTING
- – NEW OVERHEAD COLD WATER
- – NEW OVERHEAD HOT WATER
- – NEW BELOW SLAB COLD WATER
- – NEW BELOW SLAB HOT WATER
- PH – PRE-HEATED LINE
- – HOT WATER RETURN
- – UNDER SLAB WATER LINES
- – EXISTING PLUMBING LINE TO BE REMOVED

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 42587 ENGINEER RYAN J. CRAWFORD

08/21/2024
CORPORATE SEAL:

PAGE
INTERWORKS, P.A.
ENGINEERS & CONSULTANTS
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332
N.C. BUSINESS FIRM #C-1324
AT-0304
APRIL 2025

REVISIONS
NO DATE REMARKS

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
Mailing Address: P.O. Box 1330, Salisbury, NC 28145-1330
704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

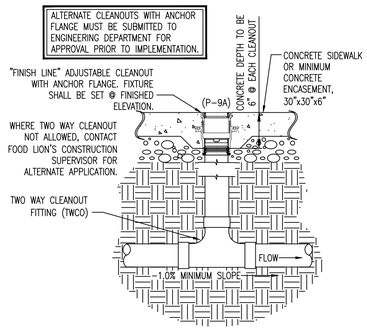
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 06/21/2024
26 OF 44

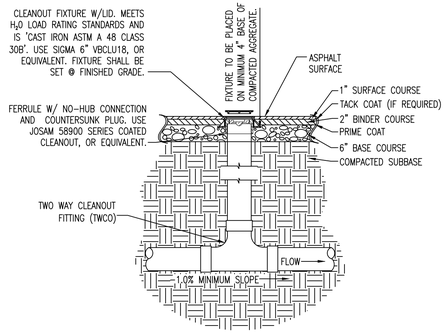
# P1.03

WATER PIPING PLAN

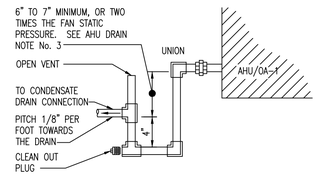
CHECKED: RJC DRAWN: BJE




6 P5.01 TWO-WAY CLEAN OUT SECTION IN CONCRETE
NTS




7 P5.01 TWO-WAY CLEAN OUT SECTION IN ASPHALT
NTS




| AHU DRAIN NOTES |
|---|
| 1. CONDENSATE PIPE SHALL BE TYPE "L" HARD COPPER WITH SOLDERED JOINTS WITH 3/4" ARMAFLEX INSULATION. |
| 2. DRAIN PIPE SHALL BE SAME SIZE AS AHU DRAIN OR LARGER. TRAP EACH UNIT DRAIN PORT INDIVIDUALLY. |
| 3. THE DIFFERENCE IN CENTER LINE ELEVATIONS MUST EXCEED THE FAN STATIC PRESSURE. THE HYDRAULIC LEG MUST BE ABLE TO OVERCOME THE FAN SUCTION TO ALLOW DRAINAGE OR THE CONDENSATE WILL NOT FLOW OUT. |
| 4. CONDENSATE PIPING BY MECHANICAL CONTRACTOR. |

8 P5.01 AHU DRAIN PIPING DETAIL
NTS

MECKLENBURG COUNTY
CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 42587 ENGINEER RYAN J CRAWFORD

08/21/2024

CORPORATE SEAL:

PAGE
ENGINEERS & CONSULTANTS
INTERWORKS, P.A.
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332
NC BUSINESS FIRM #C-1704
JUNE 30, 2025

REVISIONS
NO DATE REMARKS

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL
## STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 06/21/2024

27 OF 44

P5.01

PLUMBING DETAILS

CHECKED: RJC DRAWN: BJE

# PLUMBING FIXTURE SCHEDULE

| MARK | FIXTURE | MANUFACTURER/ SUPPLIER | MODEL No. | MATERIAL | SIZE | FAUCET AND DRAIN | TRAP | SUPPLIES AND STOPS | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| P-1 | WATER CLOSET | AMERICAN STANDARD | #2234.015 | VITROUS CHINA | ELONG. BOWL | ---- | ---- | ---- | SLOAN 111 REGAL FLUSH VALVE |
| P-1 ALT | TANK TYPE WATER CLOSET | AMERICAN STANDARD | #2333.100 | VITROUS CHINA | ELONG. BOWL | ---- | ---- | ANGLE STOPS | PRESSURE-ASSISTED TANK TYPE |
| P-1A | WATER CLOSET (HC) | AMERICAN STANDARD | #3043.102 | VITROUS CHINA | ELONG. BOWL | ---- | ---- | ---- | SENSOR OPERATED FLUSH VALVE AMERICAN STANDARD SELECTRONIC MODEL# 6068.761 AC POWER |
| P-1A ALT | TANK TYPE WATER CLOSET (HC) | AMERICAN STANDARD | #2467.016 | VITROUS CHINA | ELONG. BOWL | ---- | ---- | ANGLE STOPS | PRESSURE-ASSISTED TANK TYPE TRIP LEVER ON OPEN SIDE OF STALL (4142.800 TANK FOR RH TRIP LEVER) |
| P-2 | URINAL | AMERICAN STANDARD | #6590.001 0.5 GPF | VITROUS CHINA | 18"x28" | ---- | ---- | ---- | SLOAN 186-0.5 REGAL XL FLUSH VALVE |
| P-3 | LAVATORY | AMERICAN STANDARD | #0124.024 | VITROUS CHINA | 20"x18" | #7385.050 WITH #2411.015.002 GRID DRAIN | 17 GA. | ANGLE STOPS | ---- |
| P-3A | LAVATORY (HC) | AMERICAN STANDARD | #9024.004EC | VITROUS CHINA | 20"x18" | #7385.050 WITH #2411.015.002 GRID DRAIN 7723.018 OFFSET | 17 GA. | ANGLE STOPS | TRUEBRO 102-EZ LAVGUARD |
| P-4 | TWO LEVEL ELECTRIC WATER COOLER | GRAINGER ELKAY | EZSTL8C | STAIN. STEEL RECEPTOR | 38"x19" | ---- | 8.0 GPH | WHEEL HAND STOP | MOUNT ONE UNIT AT HANDICAP HEIGHT |
| P-4A | SINGLE WATER COOLER | GRAINGER ELKAY | EZSB | STAIN. STEEL RECEPTOR | 19"x19" | ---- | 8.0 GPH | WHEEL HAND STOP | MOUNT AT HANDICAP HEIGHT |
| P-5 | MIXING FAUCET | AMERICAN STANDARD | #8350.243 | CAST BRASS | ---- | ---- | ---- | VACUUM BREAKER LEVER HANDLES | ---- |
| P-6 | WALL HYDRANT | ZURN | Z-1310 | BRONZE | ---- | ---- | ---- | VACUUM BREAKER KEY CONTROL | FREEZEPROOF |
| P-6A | | | Z-1325 | | | | | | HW & CW, FREEZEPROOF |
| P-7 | CAN WASH FAUCETT | T & S | #B-0665-BSTR | CHROME PLATED | ---- | ---- | ---- | VACUUM BREAKER INTEGRAL STOPS & WALL BRACKET WITH CHECK VALVES | ---- |
| P-8 | FLOOR DRAIN | ZURN | ZB-415 | CAST BRONZE STRAINER | 4" | ---- | DEEP SEAL TRAP | BACKWATER VALVE | ---- |
| P-8A | TRENCH DRAIN | ABT, INC. | POLYDRAIN CHANNEL #100 | ---- | ---- | ---- | DEEP SEAL TRAP | ---- | No. 2502 DUCTILE IRON GRATE w/825.44 VERTICAL OUTLET & CLOSED END PLATES |
| P-8B | TRENCH DRAIN | ABT, INC. | POLYDRAIN CHANNEL #90 | ---- | ---- | ---- | DEEP SEAL TRAP | ---- | No. 2502 DUCTILE IRON GRATE w/825.44 VERTICAL OUTLET & CLOSED END PLATES |
| P-9 | FLOOR CLEAN-OUT | SIOUX CHIEF | 834-4PNR | PVC WITH NICKEL/ BRONZE TOP | 4" | ---- | ---- | ---- | WITH BODY FLANGE REFER TO DETAIL ON SHEET P6.01 |
| P-9A | TWO WAY CLEAN-OUT IN CONCRETE | SIOUX CHIEF | 834-4PNR | PVC WITH NICKEL/ BRONZE TOP | 4" | ---- | ---- | ---- | WITH BODY FLANGE, USE IN CONCRETE REFER TO DETAIL ON SHEET P6.01 |
| P-9B | TWO-WAY CLEAN-OUT | JOSAM | 58900 SERIES | COATED CAST IRON w/ BRONZE PLUG | 4" | ---- | ---- | ---- | EXTERIOR WHEN IN ASPHALT. SEE DETAIL ON SHEET P6.01. WITH SIGMA 6" VBCLU18 OR EQUIVALENT. MUST MEET $H_2O$ LOAD RATING AND IS CAST IRON |
| P-10 | MEAT PREP SINK | JOHN BOOS | 3PB244-2024-FL | TYPE 300 STAINLESS STEEL | 30"x124" | (3) B-3952 LEVER WASTE DRAIN (1) T&S B 1128 FAUCET 8" CC, 12" SPOUT | ---- | VACUUM BREAKER AND ANGLE STOPS | (3) 699051253 STANDOFF BRACKETS |
| P-11 | PRODUCE PREP SINK | JOHN BOOS | 3PB244-2024-FL-1 | TYPE 300 STAINLESS STEEL | 29"x123" | (3) B-3952 LEVER WASTE DRAIN (1) T&S B 1128 FAUCET 8" CC, 12" SPOUT (1) T&S B 0156 ADD-A-FAUCET (1) T&S B 2278 PRERINSE w/VB | ---- | VACUUM BREAKER AND ANGLE STOPS | (3) 699051253 STANDOFF BRACKETS |
| P-12 | WATER HEATER | GRAINGER RHEEM-RUDD (ELEC.) | ES85-54-G | ---- | 85 GAL | ---- | ---- | SURFACE MOUNT THERMOSTAT | ELECTRIC WATER HEATER 54 KW 208 V, 3 PH |
| P-12A | WATER HEATER | GRAINGER RHEEM-RUDD (ALTERNATE GAS) | HE80-199 | ---- | 80 GAL | ---- | ---- | SURFACE MOUNT THERMOSTAT | 120V CONTROL CKT SEALED COMBUSTION GAS FIRE 199 MBH INPUT |
| P-13 | WATER HEATER (PREHEATER) | GRAINGER THERMA-STOR (RECLAIM) | TS III - 1 | ---- | 120 GAL | ---- | ---- | ---- | 6000 WATT ELEMENT WITH STAND |
| P-14 | SEAFOOD & MEAT PREP HAND SINK | JOHN BOOS | PBHS-W-1620KVFL | TYPE 300 STAINLESS STEEL | 25"x22" | 005439 BASKET DRAIN T&S B 0509 KNEE VALVE T&S B 0525 SM BASE | ---- | ---- | ---- |
| P-15 | DELI-BAKERY SINK | JOHN BOOS | 3PB24304-2024FL | TYPE 300 STAINLESS STEEL | 29"x123" | (3) B-3952 LEVER WASTE DRAIN (2) T&S B 1128 FAUCET (1) T&S B 2278 PRERINSE w/VB | ---- | VACUUM BREAKER AND WALL BRACKET | ---- |
| P-16 | GREASE TRAP | -- | -- | -- | MINIMUM 1,500 GALLONS | ---- | ---- | EXTERIOR | RECESSED HEAVY TRAFFIC RATED |
| P-17 | FLOOR DRAIN | ZURN | Z-560 | CAST IRON | 4" | ---- | DEEP SEAL TRAP | ---- | ---- |
| P-18 | FLOOR DRAIN | ZURN | ZB-610-H W/Z1000 | CAST BRONZE GRATE | 12"x12" | ---- | DEEP SEAL TRAP | ---- | HINGED GRATE WITH SEDIMENT BUCKET |
| P-19 | FLOOR DRAIN | ZURN | ZB-508-HP W/Z1000 | CAST BRONZE GRATE | 9" | ---- | DEEP SEAL TRAP | ---- | HEEL PROOF SECURED GRATE |
| P-20 | WALL CLEANOUT | JOSAM | 58890 | BRONZE PLUG STAINLESS WALL PLATE | ---- | ---- | ---- | ---- | ---- |
| P-21 | PRODUCE PREP HAND SINK | JOHN BOOS | PBHS-W-1620-FL | TYPE 300 STAINLESS STEEL | 25"x22" | 005439 BASKET DRAIN T&S B 1146 FAUCET OPTIONAL 4" WRIST ACTION | ---- | WALL BRACKET | ---- |
| P-22 | WATER HAMMER ARRESTER | JR SMITH | SERIES 5000 | ---- | ---- | ---- | ---- | ---- | ---- |
| P-23 | FLOOR SINK | PLASTIC ODDITIES | PFS 300 T | ---- | 14"x14" | ---- | ---- | 14"x14" W/ 12"ø ROUND GRATE | SECONDARY STRAINER |
| P-24 | MOP BASIN | REDICO | 5596-363606-8020 | RUBER GASKET FIBERGLASS | 36"x36" | 3" GRID DRAIN AND RUBBER GASKET | DEEP SEAL TRAP | VACUUM BREAKER | W/ 24" WALL GUARDS SEE SUPPLIER INFO |
| P-24A | MOP BASIN | FIAT | TSB-500 SERIES | RUBER GASKET TERRAZZO | 36"x36" | 3" GRID DRAIN, RUBBER GASKET 830-AA SERVICE FAUCET | DEEP SEAL TRAP | VACUUM BREAKER | 10" DEEP W/ 24" WALL GUARDS SEE SUPPLIER INFO |
| P-25 | WATER HEATER | RHEEM-RUDD | EGSP-10 | ---- | 10 GAL | ---- | ---- | ---- | (1) 3000 WATT ELEMENT, 120V, 1PH |
| P-26 | 1 COMPARTMENT D/B CHICKEN SINK AND SEAFOOD SINK | JOHN BOOS | 1PB184-1D18R-FL | TYPE 300 STAINLESS STEEL | 24"x41" | B-3952 LEVER WASTE DRAIN T&S B 1128 FAUCET | ---- | VACUUM BREAKER AND WALL BRACKET | 18" SPLASHGUARD |
| P-27 | 2 COMPARTMENT VEGETABLE SINK | JOHN BOOS | 2PB244-1D24R-FL | TYPE 300 STAINLESS STEEL | 30"x77" | B-3952 LEVER WASTE DRAIN T&S B0156-CR FAUCET PRE-RINSE WAND T&S B01310CR-B | ---- | VACUUM BREAKER AND WALL BRACKET | 24" SPLASHGUARD |
| P-28 | DELI/BAKERY HAND SINK | JOHN BOOS | PBHS-W-1620KVFL | TYPE 300 STAINLESS STEEL | 25"x22" | 005439 BASKET DRAIN T&S B 0509 KNEE VALVE T&S B 0525 SM BASE | ---- | ---- | ---- |
| P-29 | ROOF DRAIN | ZURN | Z-100 | CAST IRON | 4" | ---- | ---- | ---- | CAST IRON DOME |
| P-30 | HOSE BIBB | WOODWARD | MODEL 24 | POLISHED CHROME | ---- | ---- | ---- | CHROME VACUUM BREAKER | CHROME STANDARD LOOSE KEY |
| P-31 | LOUNGE SINK AND COUNTER | JOHN BOOS | BRC-5024-HWR-FL | 16 GAUGE STAINLESS STEEL | 50"x24" | 005439 BASKET DRAIN T&S B 0325 FAUCET | ---- | ---- | ---- |
| P-32 | EXPANSION TANK | B&G | PTA-12 | ---- | 6.4 GAL | ---- | ---- | ---- | ---- |
| P-32A | EXPANSION TANK | B&G | PTA-5 | ---- | 2.0 GAL | ---- | ---- | ---- | ---- |
| P-32B | EXPANSION TANK | B&G | PTA-20V | ---- | 8.0 GAL | ---- | ---- | ---- | ---- |
| P-33 | EMER. EYEWASH UNIT WITH BRACKET | BRADLEY | S19-220 | ---- | ---- | ---- | ---- | ---- | SEE DETAIL ON SHEET P6.01 |
| P-33A | DECK MOUNTED EYEWASH | GUARDIAN | G1805-TM | ---- | ---- | ---- | ---- | ---- | PROVIDE THERMOSTATIC MIXING VALVE |
| P-34 | TRAP PRIMER | PRECISION PLUMBING | MPB-500 | ---- | ---- | 3/8" TYPE L SOFT TUBING | ---- | ---- | MOUNTED A MINIMUM 12" AFF ENSURE PRIMER IS MOUNTED IN AN AREA ACCESSIBLE FOR SERVICE |
| P-35 | RECESSED WALL HYDRANT | WOODWARD | B65 | BRASS | 3/4" | ---- | ---- | ---- | LOOSE KEY FREEZEPROOF, LOCKING COVER |

PLUMBING SCHEDULE NOTES:
1. THE COLOR FOR ALL WATER CLOSETS, URINALS AND LAVATORIES SHALL BE "WHITE."
2. P-33 EMERGENCY EYE WASH STATION AND S19-2000 MIXING VALVE PROVIDED BY FOOD LION AND INSTALLED BY PLUMBING CONTRACTOR AT 36" AFF. FLOOR DRAIN NOT REQUIRED.
3. VTR'S SHALL BE A MINIMUM OF 10' FROM ANY FRESH AIR INTAKE, COORDINATE AS REQUIRED WITH MECHANICAL CONTRACTOR AND MECHANICAL ROOF PLAN.

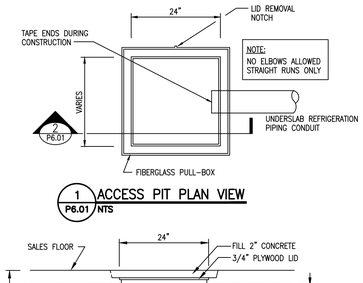
FIXTURE NOTE:
FOR PLUMBING FIXTURES MARKED P-10, P-11, P-14, P-15, P-21 & P-22 THE SINK TUBS SHALL BE FABRICATED WITH 16 GAUGE STAINLESS STEEL & THE DRAIN BOARDS SHALL BE FABRICATED WITH 14 GAUGE STAINLESS STEEL. SEE THE 'FOOD LION' SINK SPECIFICATION FOR MORE INFORMATION.

ACCEPTABLE ALTERNATE MANUFACTURERS:

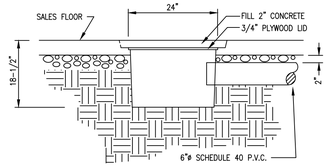
P-1 TOTO CT705EN KOHLER K-4350
P-1A TOTO CT705ELN KOHLER K-4368
P-2 TOTO UT447E (0.5 GPF) KOHLER K-4940-ET (0.5 GPF)
P-3 TOTO LT307.4 KOHLER K-2054
P-4 HALSEY TAYLOR WM-16W
P-5 KOHLER K-8906
P-6 SMITH 5609-QT WOODFORD MODEL 60 WADE W-8620-L JOSAM 71050-50 WATTS HY420-6
P-6A SMITH 5560 WADE W-8606-HC JOSAM 71650-52-80 WATTS HY420-6
P-7 AMERICAN STANDARD 8344-111
P-8 SMITH 2005-DV-PB WADE W-1104-T57-31-2 JOSAM 30004-7EJ-2 WATTS FD-100-A7-8
P-8A J.R. SMITH D9930 - SYSTEM
P-8B J.R. SMITH D9930 - SYSTEM
P-17 JOSAM 39964 w/67104A WATTS FD-460-F-9 WADE W-1640
P-18 SMITH 2415-B-PB WADE W-2310-1-14 W/2450 JOSAM 37810-20-14-Z w/67104A WATTS FD-460-F-5-9
P-19 JOSAM 32300-1.88100 SMITH 2120 WATTS FD-320-Y-6 WADE W-1310-1-W/ W-2450
P-20 WATTS CO-590-RD WADE W-8590/ W-8480R
P-23 SIOUX CHIEF 861.3PX
P-29 WATTS RD-300K

LOCATION & PHONE FOR FIXTURE SUPPLIERS:

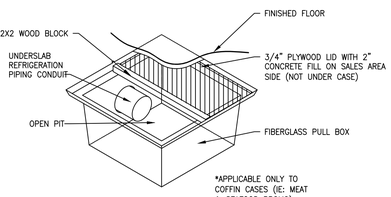
| | | |
|---|---|---|
| PLASTIC ODDITIES | SHELBY, NC | PH:(800) 438-5327 |
| JOHN BOOS (HEFCO, LLC) | ROSWELL, GA. | PH:(800) 327-1817 |
| GRAINGER | CHARLOTTE, NC | PH:(704) 904-6151 |
| JOSAM | RICHMOND, VA | PH:(800) 446-2728 |
| THERMA-STOR | DEC INTERNATIONAL | PH:(800) 533-7533 |
| ABT, INC. | TROUTMAN, NC | PH:(800) 438-6057 OR (704) 525-3043 |
| WATTS | SPINDALE, NC | PH:(800) 338-2581 |
| WADE | CHARLOTTE, NC | PH:(704) 525-3043 |
| B&G | MORTON GROVE, IL | PH:(847) 966-3700 |



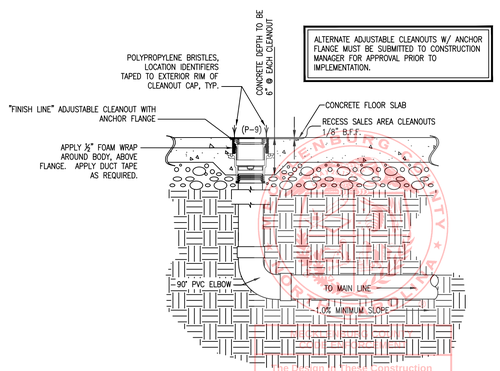

1 P6.01 ACCESS PIT PLAN VIEW NTS



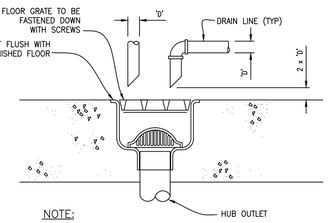

2 P6.01 SECTION THRU PIT NTS




3 P6.01 PIT ISOMETRIC NTS

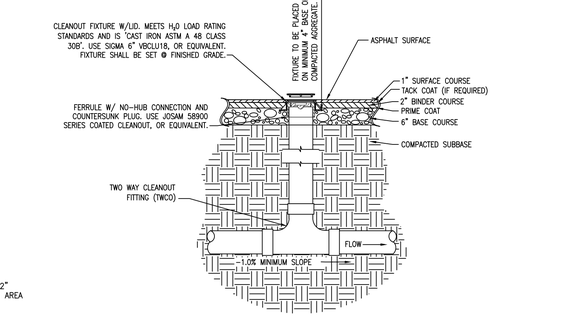



4 P6.01 SALES AREA CLEANOUT SECTION NTS

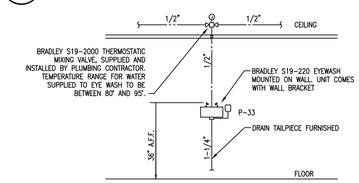



NOTE:
A. FLOOR SINK COVER TO BE FLUSH WITH TILE OR FLUSH WITH CONCRETE FLOOR IN AREA WITH NO TILE

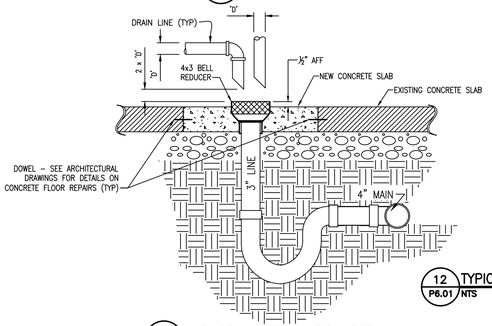
5 P6.01 FLOOR SINK DETAIL NTS



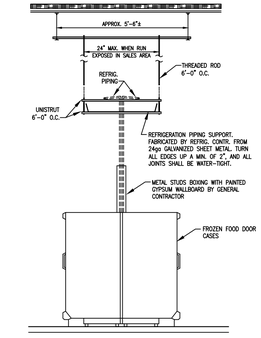

6 P6.01 TWO WAY CLEANOUT SECTION WHEN INSTALLED IN ASPHALT (P9-B) NTS



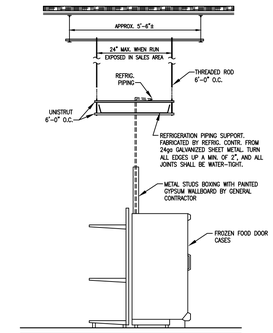

7 P6.01 EYEWASH DETAIL NTS



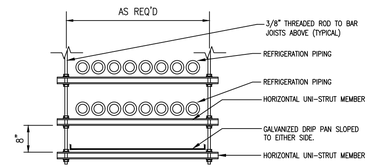

8 P6.01 HUB DRAIN INSTALLATION DETAIL NTS



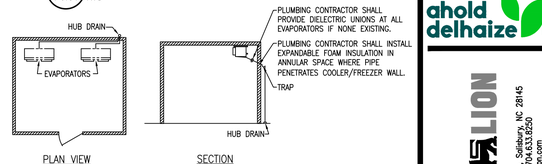

9 P6.01 OVERHEAD REFRIGERATION PIPING DETAIL NTS




10 P6.01 OVERHEAD REFRIGERATION PIPING DETAIL NTS




11 P6.01 OVERHEAD REFRIGERATION DRIP PAN DETAIL NTS




## CONDENSATE DRAIN NOTES

1. CONDENSATE DRAIN LINES TO BE 3/4" MIN. TYPE 'M' COPPER WITH 1 1/2" MINIMUM STANDOFFS FROM WALL, BY PLUMBING CONTRACTOR.
2. CONDENSATE DRAIN LINES FROM FREEZERS TO HAVE EASY HEAT COPPER TUBE HEATER 20 WATTS PER LINEAR FT. 120 V AC OR APPROVED EQUAL. TAPE INSTALLATION BY REFRIGERATION CONTRACTOR.
3. CONDENSATE DRAIN LINES SHALL LEAVE FREEZERS AT 45° ANGLE THROUGH WALL.
4. ALL COPPER CONDENSATE PIPING TO BE PROVIDED WITH COPPER-COATED HANGERS AND CLAMPS. NO DISSIMILAR METAL ALLOWED. INSTALL ONE HANGER PER EVAPORATOR DRAIN (PRODUCE PREP & MEAT PREP).
5. 
6. SLOPE IN COOLER 1/4"/FOOT TO HUB DRAIN. SLOPE IN FREEZER 3"/FOOT TO HUB DRAIN.
7. EACH EVAPORATOR SHALL HAVE ITS OWN DRAIN LINE RUNNING TO HUB DRAIN.

12 P6.01 TYPICAL CONDENSATE DRAINS NTS

Not For Construction
Documents Have Been Reviewed For
Compliance With The
Contractor To Construct This Project
With Good Engineering Practice And
In Compliance With The North
Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 42587 ENGINEER RYAN J. CRAWFORD
08/21/2024
CORPORATE SEAL:

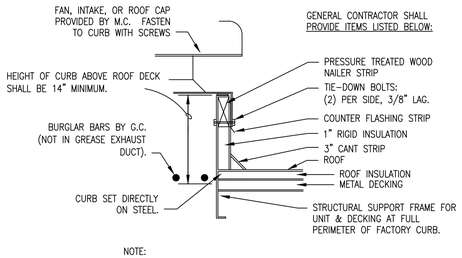
PAGE ENGINEERS & CONSULTANTS
INTERWORKS, P.A.
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332
NC - BUSINESS FIRM P-0339
JUNE 30, 2025

ahold delhaize USA
FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

REVISIONS
NO DATE REMARKS

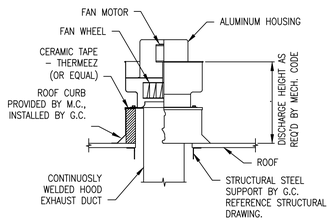
FOOD LION REMODEL
STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 06/21/2024
28 OF 44
P6.01
PLUMBING SCHEDULES AND DETAILS
CHECKED: RJC DRAWN: BJE



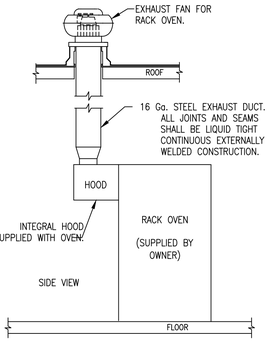

NOTE:
G.C. SHALL PROVIDE ALL ROOF CURBS EXCEPT THOSE FOR ROOF TOP UNITS & DELI/BAKERY EXHAUST HOOD FANS.

2 / M4.01 EXHAUST FAN CURB INSTALLATION DETAIL
NOT TO SCALE



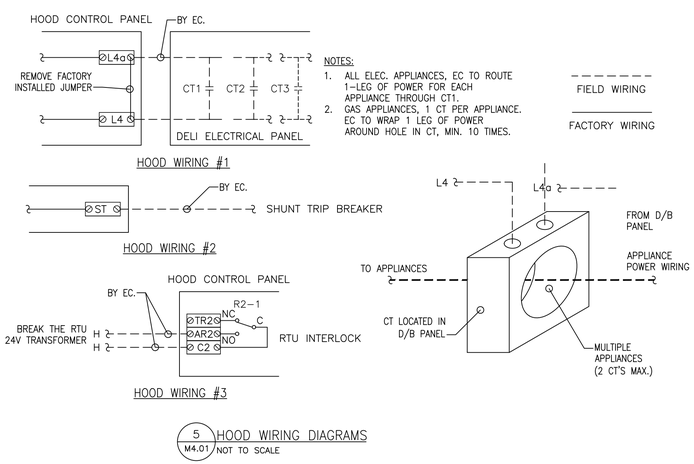

NOTE:
1. ALL DELI/BAKERY HOOD EXHAUST FANS SHALL BE 10'-0" HORIZONTALLY OR 3'-0" VERTICALLY FROM ANY PARAPET WALL. COORDINATE WITH LOCAL & STATE CODE AND OWNER'S REPRESENTATIVE.
2. SECURE FAN TO ROOF CURB.

3 / M4.01 EXHAUST FAN INSTALLATION DETAIL
NOT TO SCALE




NOTE:
ALL DELI/BAKERY HOOD EXHAUST FANS SHALL BE 15'-0" HORIZONTALLY OR 3'-0" VERTICALLY FROM ANY PARAPET WALL. COORDINATE WITH LOCAL & STATE CODE AND OWNER'S REPRESENTATIVE.

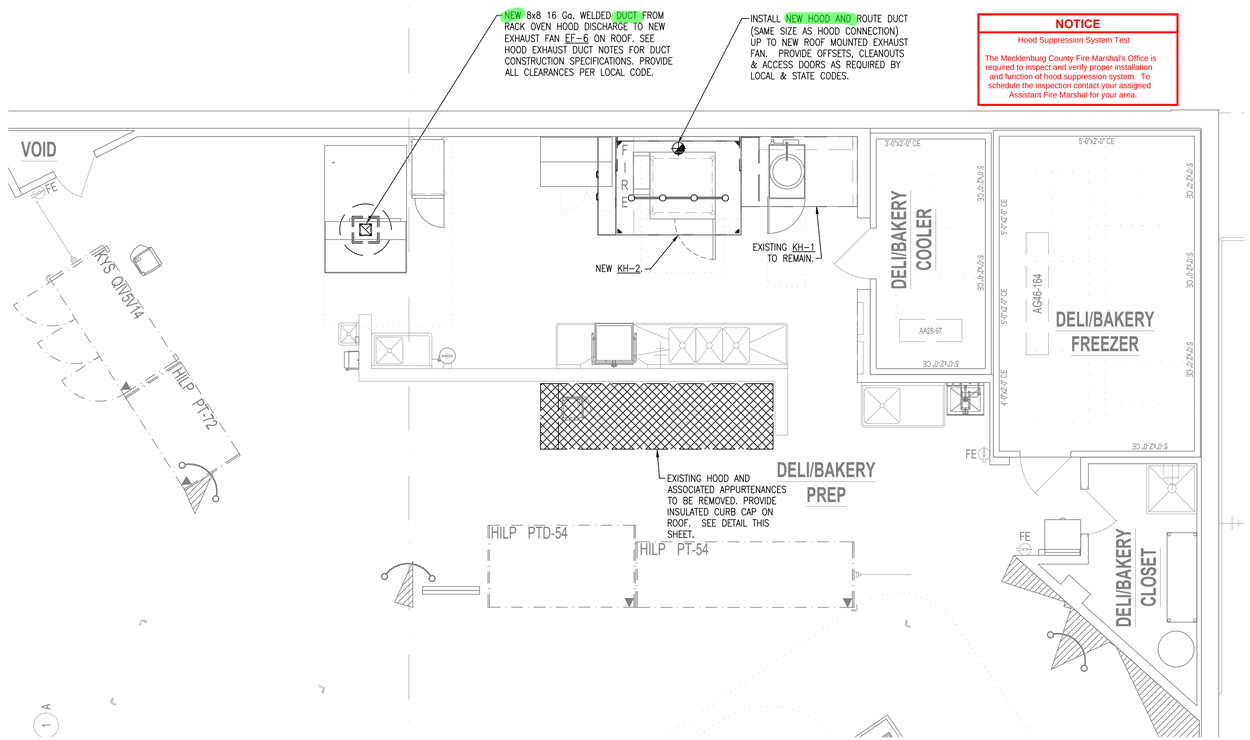
4 / M4.01 RACK OVEN FAN INSTALLATION DETAIL
NOT TO SCALE




NOTES:
1. ALL ELEC. APPLIANCES, EC TO ROUTE 1-LEG OF POWER FOR EACH APPLIANCE THROUGH CT1.
2. GAS APPLIANCES, 1 CT PER APPLIANCE. EC TO WRAP 1 LEG OF POWER AROUND HOLE IN CT, MIN. 10 TIMES.

FIELD WIRING
FACTORY WIRING

5 / M4.01 HOOD WIRING DIAGRAMS
NOT TO SCALE




1 / M1.04 ENLARGED DELI MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

**NOTICE**
Hood Suppression System Test
The Mecklenburg County Fire Marshal's Office is required to inspect and verify proper installation and function of hood suppression system. To schedule the inspection contact your assigned Assistant Fire Marshal for your area.

## CONTROL LEGEND

| | | | |
|---|---|---|---|
| $S_D$ | SMOKE DETECTOR | $S_{RH}$ | RELATIVE HUMIDITY SENSOR |
| $S_T$ | TEMPERATURE SENSOR | $S_P$ | AIR PRESSURE SWITCH |
| T | THERMOSTAT | $S_{AS}$ | DISCHARGE AIR SENSOR |

NOTE:
SENSORS, WIRING, CONTROLS, ETC. WITH CONNECTIONS TO ECP/ENCC PANELS AS APPLICABLE. REFER TO CONTROL DRAWINGS M7.01, M7.02, M7.03 & M7.04

## GENERAL NOTES

1. EXHAUST DUCT FOR KITCHEN HOODS SHALL BE 16 GA. STEEL. ALL JOINTS AND SEAMS SHALL BE LIQUID TIGHT CONTINUOUS EXTERNALLY WELDED CONSTRUCTION.
2. COORDINATE DIFFUSER LOCATIONS WITH REFLECTED CEILING PLAN.
3. MOUNT KITCHEN HOODS 6'-8" A.F.F.
4. ALL DUCT DIMENSIONS ARE SHOWN "METAL TO METAL" DIMENSIONS. SUPPLY DUCT SHALL HAVE 2", 3/4 PCF, EXTERNALLY WRAPPED INSULATION WITH VAPOR BARRIER (SEE SPECIFICATIONS).
5. PROVIDE WALL COVER BETWEEN COOKING SURFACE AND KITCHEN HOOD. COVER SHALL BE SAME MATERIAL AS HOOD. SIZE: 48" HIGH x HOOD DIMENSION(S).
6. HOOD MANUFACTURER TO PROVIDE FIRE SUPPRESSION SYSTEM IN KITCHEN HOOD THAT WILL MEET LOCAL CODES (ANSUL R102 WET CHEMICAL).
7. GREASE EXHAUST DUCT SYSTEMS SERVING TYPE I HOODS SHALL HAVE A CLEARANCE TO COMBUSTIBLE CONSTRUCTION OF NOT LESS THAN 18 INCHES AND SHALL HAVE A CLEARANCE TO NONCOMBUSTIBLE CONSTRUCTION OF NOT LESS THAN 3 INCHES. WHERE CLEARANCE CANNOT BE PROVIDED, THE GREASE EXHAUST DUCT SYSTEM SHALL BE CONTINUOUSLY COVERED ON ALL SIDES WITH FIRE RATED DUCT WRAP FOR ZERO-CLEARACE TO COMBUSTIBLES.
8. MECHANICAL CONTRACTOR SHALL OBTAIN EQUIPMENT APPROVAL BY LOCAL FIRE AUTHORITY PRIOR TO EQUIPMENT MANUFACTURE.
9. MECHANICAL CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES TO AVOID CONFLICTS.
10. 120V CONTROL CIRCUIT AND POWER FOR KITCHEN HOOD SHALL BE SUPPLIED FROM ELECTRICAL PANEL IN DELI.
11. SEE SHEET M1.01 FOR RELATED MECHANICAL NOTES AND/OR SPECIFICATIONS.
12. REMOTE PULL STATION SHALL BE LOCATED AT OR NEAR A MEANS OF EGRESS FROM THE COOKING AREA, A MINIMUM OF 10 FEET AND A MAXIMUM 20 FEET FROM KITCHEN EXHAUST SYSTEM. REMOTE PULL STATION SHALL BE LOCATED 48" AFF.

## DELI/BAKERY FIRE SUPPRESSION HOOD PRE-TEST & FINAL TEST

A PRE-TEST OF THE HOOD FIRE SUPPRESSION SYSTEM IS REQUIRED BY THE FOOD LION CONSTRUCTION DEPT. AND SHALL BE PERFORMED BY THE FIRE SUPPRESSION CONTRACTOR. G.C. AND HIS SUBS WILL BE REQUIRED TO BE ONSITE DURING TESTING. THE G.C. WILL BE REQUIRED TO CONTACT RICK THOMAS, SESCO, AT OFFICE: 704-243-3811 OR CELL: 704-906-5244, 3 BUSINESS DAYS IN ADVANCE OF THE FIRE MARSHAL TEST TO SCHEDULE PRETEST.

NOTE TO GC:
HOOD PERFORMANCE TEST AND, IN SOME INSTANCES, AIR BALANCE OF HOOD EXHAUST FAN WILL BE REQUIRED. IT IS THE RESPONSIBILITY OF THE PERMIT HOLDER, MECH. CONTRACTOR, TO PROVIDE THIS SERVICE. THIS SERVICE MUST BE PRE-PLANNED SO THAT NO DELAYS WILL OCCUR TO DELI RE-OPENING.

## DELI HOOD INSTALLATION & TESTING RESPONSIBILITIES

| ACTION TO BE TAKEN | RESPONSIBLE PARTY | | | | | REMARKS |
|---|---|---|---|---|---|---|
| | GC | EC | MC | FAC | THROUGH SESCO | |
| WIRE CT | | X | | | | SEE WIRING DIAGRAM #1; CT TO BE ORDERED FROM SESCO |
| WIRE SHUNT | | X | | | | SEE DIAGRAM ON CA MAIN SHEET; REFER TO HOOD WIRING #2 |
| SET TIME DELAY LEVEL TO SETTING 10 (30 MINUTES) | | X | | | | |
| WIRE RTU EMERGENCY SHUTDOWN | | X | X | | | SEE HOOD WIRING DIAGRAM #3 |
| CONNECT FIRE ALARM CONTACTS AT MICRO SWITCH | | | | X | | |
| FIELD WIRE MICROSWITCH TO REMOTE CABINET (WHEN APPLICABLE) | | X | | | | APPLIES WHEN HOOD CONTROL CABINET IS REMOTE MOUNTED. |
| HOOD PRETEST | X | X | X | | X | SCHEDULED BY GC; LISTED PARTIES MUST BE PRESENT |
| AIR BALANCE; HOOD PERFORMANCE TEST | | | X | | | CONTACT SESCO FOR LIST OF POSSIBLE CONTRACTORS |
| FAN CURB SEAL | | | X | | | SEE HOOD CURB DETAIL (SHEET M4.01) |
| SCHEDULE ANSUL TEST WITH FIRE MARSHALL | X | | | | | |
| WIRING OF EQUIPMENT UNDER HOOD PRIOR TO PRETEST | X | X | | | | |

NOTES:
1. THIS LIST IS INTENDED AS A GUIDE FOR DISCIPLINE RESPONSIBILITES AND COORDINATION. IT IS NOT INTENDED TO IDENTIFY ALL ASPECTS OF THE HOOD INSTALLATION. REFER TO THE MECHANICAL PLANS AND SPECIFICATIONS FOR FURTHER INSTRUCTION.
2. REFER TO SPECIFICATIONS & DELI HOOD NOTES, SHEET M4.01, FOR PRETEST REQUIREMENTS AND INSTRUCTIONS.
3. ELECTRICAL CONTRACTOR SHALL INSTALL AND WIRE CT'S FOR THE INTERLOCK OF THE COOKING EQUIPMENT UNDER THE KITCHEN HOOD WITH THE EXHAUST FAN. THE CONTROL WIRING FOR THE CT'S WILL BE TAKEN FROM THE HOOD CONTROL PANEL TERMINAL L4 & L4A, 2#14, AND WIRED IN PARALLEL. REFER TO HOOD WIRING #1. CONTACT SESCO PARTS FOR THE NUMBER OF CT'S REQUIRED. ONE CT CAN BE USED FOR MORE THAN ONE PIECE OF EQUIPMENT DEPENDING ON THE WIRE SIZE. CONTACT SESCO COMMISSIONING WITH ANY QUESTIONS.
4. GC/MC SHALL COORDINATE TESTS AND INSPECTIONS WITH RICK THOMAS, SESCO, 704-243-3811, AND SHALL SCHEDULE WITH CODE OFFICIALS.
5. SOME JURISDICATIONS MAY REQUIRE A SEALED AFFIDAVIT FROM A LICENSED PROFESSIONAL ENGINEER. ADDITIONALLY, THE JURISDICTION MAY REQUIRE A TEST & BALANCE REPORT SPECIFICALLY FOR THE HOOD. THIS MAY OCCUR PRIOR TO THE OVERALL BUILDING TEST & BALANCE. AS SUCH, THIS HOOD FAN TEST & BALANCE WILL NEED TO BE INDEPENDENTLY COORDINATED AND PAID FOR BY THE M.C. SESCO WILL STILL TEST & BALANCE THE HOOD AS PART OF THE OVERALL BUILDING TEST & BALANCE AT THE END OF THE PROJECT. THE M.C. IS RESPONSIBLE FOR ASCERTAINING IF THE JURISDICTION HAS THESE REQUIREMENTS.
6. DEMOLTION – MC SHALL DISABLE THE FIRE SUPPRESSION OF HOODS TO BE REMOVED BY UNSCREWING CO2 CARTIDGE IN FIRE SUPPRESSION PANEL. CONTACT SESCO FOR ANY QUESTIONS.
7. IF THE ELECTRICAL CIRCUIT FOR HOOD IS RE-USED AS AN EXISTING CIRCUIT THE EC SHALL VERIFY WITH SESCO THAT THE CIRCUIT IS NOT BROKE ACROSS ENERGY MANAGEMENT LOAD 4. THIS INCLUDES POWER AND/OR CONTROL CIRCUIT.

## KITCHEN VENTILATING SCHEDULE

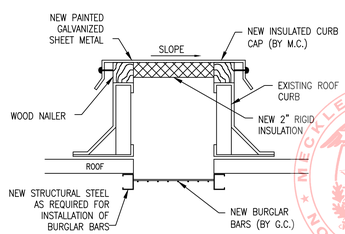
| MARK | HOOD DATA | | | | EXHAUST FAN DATA | | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MANUFACTURER/MODEL NO. | TYPE | SIZE | SWITCH LOC. | MANUFACTURER/MODEL NO. | CFM | SP | HP | RPM | VOLT/PH | |
| KH-1 | ---- / ---- | WALL MTD. | 5'3"x4'0" | WALL MTD. | PENN / FX13BHFT | 965 | ---- | ---- | ---- | 115/1 | 1 |
| KH-2 | CAPTIVEAIRE / V-ND-2 | WALL MTD. | 6'0"x5'6" | WALL MTD. | CAPTIVEAIRE / DU33HFA | 630 | 0.75 | 0.333 | 1455 | 115/1 | 2, 3, 4 |

NOTES:
1. EXISTING TO REMAIN. IT IS THE RESPONSIBILITY OF THE G.C. TO ENSURE THAT EXISTING FIRE SUPPRESSION IS REWORKED (AS REQUIRED) WHEN NEW EQUIPMENT IS PLACED UNDER THE EXISTING HOOD.
2. HOOD SHALL HAVE CONTROLS MOUNTED INSIDE HOOD FIRE CABINET AND 3" STAND-OFF.
3. CT PROVIDED BY SESCO; INSTALLED AND WIRED BY E.C. FOR AUTOMATIC OPERATION OF HOOD FAN(S). REFERENCE EMS WALK THROUGH NOTES FOR MORE INFORMATION.
4. HOOD SHALL BEAR THE FOLLOWING LABELS: UL, NSF, NFPA 96, BOCA, & SBCCS.

## FAN SCHEDULE

| MARK | MANUFACTURER/MODEL NO. | SERVICE | LOCATION | TYPE | AIRFLOW (CFM) | E.S.P. (IN WG) | NOMINAL RPM | DRIVE | ELECTRICAL DATA | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | HP | WATTS | VOLTS/PH | |
| EF-6 | COOK / VCRD150 | RACK OVEN | ROOF | UPBLAST | 750 | 0.75 | 1260 | DIRECT | 0.334 | – | 120/1 | 1 |

NOTES:
1. EXHAUST FAN SHALL HAVE NEMA DISCONNECT, UNIT MOUNTED SPEED CONTROLLER, HINGED BASE KIT, 12" GREASE TROUGH, ROOF CURB AND U.L. 762 LISTING.




6 / M4.01 WEATHERPROOF INSULATED CURB CAP DETAIL
NOT TO SCALE

## AIR-BALANCE SCHEDULE

| MARK | MAKE-UP AIR (CFM) | EXHAUST AIR (CFM) | SERVICE |
|---|---|---|---|
| AHU-1 | 4200 | ---- | |
| RTU-DB | 200 | ---- | DELI/BAKERY |
| RTU-1 | 60 | ---- | FRONT OFFICES |
| ---- | ---- | ---- | ---- |
| EF-1 | ---- | ---- | MECHANICAL ROOM #1 (SEALED) |
| EF-2 | ---- | 600 | RESTROOMS |
| EF-3 | ---- | 100 | JANITOR CLOSET |
| EF-4 | ---- | 300 | LOUNGE |
| EF-5 | ---- | 100 | DELI/BAKERY CLOSET |
| EF-6 | ---- | 750 | RACK OVEN (INTERMITTENT) |
| SF-1 | ---- | ---- | MECHANICAL ROOM #1 (SEALED) |
| SF-2 | ---- | ---- | MECHANICAL ROOM #2 (SEALED) |
| ---- | ---- | ---- | ---- |
| KH-1 | ---- | 965 | DELI/BAKERY HOOD (INTERMITTENT) |
| KH-2 | ---- | 630 | DELI/BAKERY HOOD (INTERMITTENT) |
| ---- | ---- | ---- | ---- |
| TOTAL: | 4460 | 3550 | ---- |
| TOTAL DIFF.: | 4660 – 3450 = (+) 1010 CFM | | |

MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 42587 ENGINEER RYAN J. CRAWFORD
08/21/2024
CORPORATE SEAL:

PAGE ENGINEERS & CONSULTANTS INTERWORKS, P.A.
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332
NC BUSINESS FIRM P-0154
JUNE 30, 2025

REVISIONS
NO DATE REMARKS

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

FOOD LION REMODEL
STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 06/21/2024
29 OF 44
M4.01
ENLARGED DELI MECH. PLAN
CHECKED: RJC DRAWN: RJC

## HOOD INFORMATION – #DI#6768899

| HOOD NO | TAG | MODEL | MANUFACTURER | LENGTH | MAX COOKING TEMP | TYPE | APPLIANCE DUTY | DESIGN CFM/FT | TOTAL EXH CFM | EXHAUST PLENUM SIZES: WIDTH | LONG | HEIGHT | DIA | CFM | VEL | SP | HOOD CONSTRUCTION | HOOD CONFIG: END TO END | HOOD CONFIG: ROW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | KH-1 | 4674 V-HD-2 | VENT-AIR SYSTEMS | 6'-0" | 450 DEG | 1 | MEDIUM | 105 | 630 | | | | 6" | 630 | 1805 | -0.25" | 430 SS WHERE EXPOSED | ALONE | ALONE |

## HOOD INFORMATION

| HOOD NO | TAG | FILTERS: TYPE | QTY | HEIGHT | LENGTH | EFFICIENCY @ 7 MICRONS | QTY | LIGHTS: TYPE | WIRE GUARD | LOCATION | SIZE | FIRE SYSTEM: TYPE | SIZE | UTILITY CABINETS: ELECTRICAL: MODEL # |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | KH-1 | SS BAFFLE WITH HANDLES | 4 | 16" | 16" | 30% | 4 | LSS SERIES D26 | NO | LEFT | 12"x96"x24" | | | SC-1101104A |

## HOOD OPTIONS

| HOOD NO | TAG | OPTION |
|---|---|---|
| 1 | KH-1 | FIELD WRAPPER 11'-06" HIGH - FRONT, LEFT, RIGHT. |
| | | BACK SPLASH 24" HIGH AT BACK WALL, 18" HIGH AT LEFT SIDE, 12" HORIZONTAL |
| | | LEFT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS. |
| | | RIGHT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS. |
| | | PRSDR SENSOR INSTALL ON FLEXL |

## CLEARANCE TO COMBUSTIBLES

| HOOD # | SURFACE | *CLEARANCE |
|---|---|---|
| 1 | TOP | 18" |
| | BACK | 0" |
| | LEFT | 18" |
| | RIGHT | 0" |
| | REAR | 18" |

– *0" CLEARANCE TO COMBUSTIBLES CONFORMS TO UL710 STANDARD.

– HOOD MOUNTED UTILITY CABINETS REQUIRE 36" SERVICE CLEARANCE.

## EXHAUST FAN INFORMATION – #DI#6768899

| FAN UNIT NO | TAG | QTY | FAN UNIT MODEL # | MANUFACTURER | CFM | ESP | RPM | MOTOR HORSE POWER | HP | BHP | PHASE | VOLT | FLA | DISCHARGE VELOCITY | WEIGHT (LBS) | SONES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | KEF-1 | 1 | PLI36FA | CAPTIVEAIRE | 630 | 0.750 | 1455 | TEFC-EDM | 0.333 | 0.1870 | 1 | 115 | 4.3 | 312 FPM | 71 | 14.6 |

DESCRIPTION

FAN UNIT MOUNTED ON ROOF – EXHAUST – MANUAL OR 0-10VDC REFERENCE SPEED CONTROL –MSC–

1 YEAR PARTS WARRANTY

## FAN ACCESSORIES

| FAN UNIT NO | TAG | EXHAUST: GREASE CAGE | EXHAUST: GREASE DAMPER | EXHAUST: WALL MOUNT | SUPPLY: SIDE DISCHARGE | SUPPLY: GRAVITY DAMPER | SUPPLY: MOTORIZED DAMPER | WALL MOUNT |
|---|---|---|---|---|---|---|---|---|
| 1 | KEF-1 | YES | | | | | | |

## CURB ASSEMBLIES

| NO ON FAN | TAG | WEIGHT | ITEM | SIZE |
|---|---|---|---|---|
| 1 | KEF-1 | 38 LBS | CURB | 19.500"W x 19.500"L x 26.000"H WATER TRADED. |

FAN #1: SAMMPLE – EXHAUST FAN. (KEF-1)




FEATURES:
- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF CURB INCLUDED.
- RESTAURANT MODEL.
- UL762 AND UL710 AND ULC-S645
- HOUSING: ALUMINUM.
- INTERNAL WIRING.
- MOTOR THERMAL PROTECTION (SINGLE PHASE).
- HIGH HEAT OPERATION 300°F (149°C).
- GREASE CLASSIFICATION TESTING.
- NSF 2 LISTED FOR GREASE LADEN VAPORS.

NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BUFFING GREASE VAPORS UNTIL ALL FAN PARTS HAVE REACHED ATTAINED STEADY STATE TEMPERATURES. AFTER DETERMINING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BUFFING GREASE VAPORS FOR 15 MINUTES WITHOUT THE FAN BECOMING A SOURCE OF IGNITION OF THE VAPORS TO CAUSE AN UNSAFE CONDITION.

OPTIONS
- GREASE BOX
- GREASE CAGE PACKAGE – EXHAUST – MANUAL OR 0–10VDC REFERENCE SPEED CONTROL –MSC– – 1 YEAR PARTS WARRANTY.




TOP VIEW




BACKSPLASH IS NOT INSULATED AND IS INSTALLED ON NON-COMBUSTIBLE WALLS







ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" – 13 TPI GRADE 5 (MINIMUM) ALL-THREAD SAWTOOTH HANGING ANGLES AND CEILING ANCHOR FASTENERS (BY INSTALLER). ALL-THREAD MUST BE SECURED WITH 1/2" – 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUTS AT TOP SUPPORTING HANGING ANGLE AND SINGLE HEX NUT AT BOTTOM ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT–LBS.

MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.









ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 42587 ENGINEER RYAN J CRAWFORD
08/21/2024
CORPORATE SEAL:

PAGE
INTERWORKS, P.A.
ENGINEERS & CONSULTANTS
923 MAIN STREET, NORTH WILKESBORO, NC 28659 NC. BUSINESS FIRM #C-1734
PHONE: 336-667-4220 FAX: 336-667-4332
JUNE 30, 2025

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

FOOD LION REMODEL
STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 06/21/2024
30 OF 44

M4.02
DELI HOOD DETAILS

CHECKED: RJC DRAWN: RJC

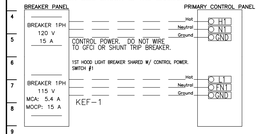
*ELECTRICAL PACKAGE – JOB#6768899*

| NO | TAG | PACKAGE # | LOCATION | SWITCHES | | OPTION | FANS CONTROLLED | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | LOCATION | QUANTITY | | FAN TAG | TYPE | ϕ | HP | VOLT | FLA |
| 1 | | SC–110110MA | UTILITY CABINET LEFT | UTILITY CABINET LEFT | 1 LIGHT | SMART CONTROLS THERMOSTATIC CONTROL W/ RELAY ON/OFF WITH SUPPLY | KEF–1 | EXHAUST | 1 | 0.333 | 115 | 4.3 |
| | | | | HOOD # 1 | 1 FAN | | | | | | | |

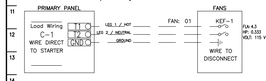
JOB NO 6768899 | MODEL NUMBER SC–110110MA | JOB NAME Food Lion #2016 – Mint Hill, ... | DRAWN BY | DATE 4/30/2024 | SCHEMATIC TYPE INSTALL | DWG NO ECP #1–1

DESCRIPTION OF OPERATION:
120V 1 Phase w/ control for 1 Exhaust Fan, Exhaust air in Fire, Lights out in Fire, Relay On/Off with Supply Fan, Fan(s) On/Off Thermostatically Controlled. Room temperature sensor shipped loose for field installation.

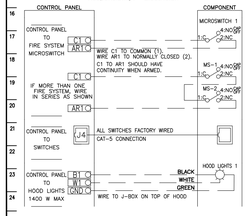
## BREAKER PANEL TO PRIMARY CONTROL PANEL
**Responsibility: Electrician**
**BREAKER SIZE SHOWN IS THE MAXIMUM ALLOWED**

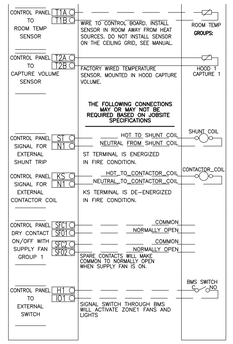


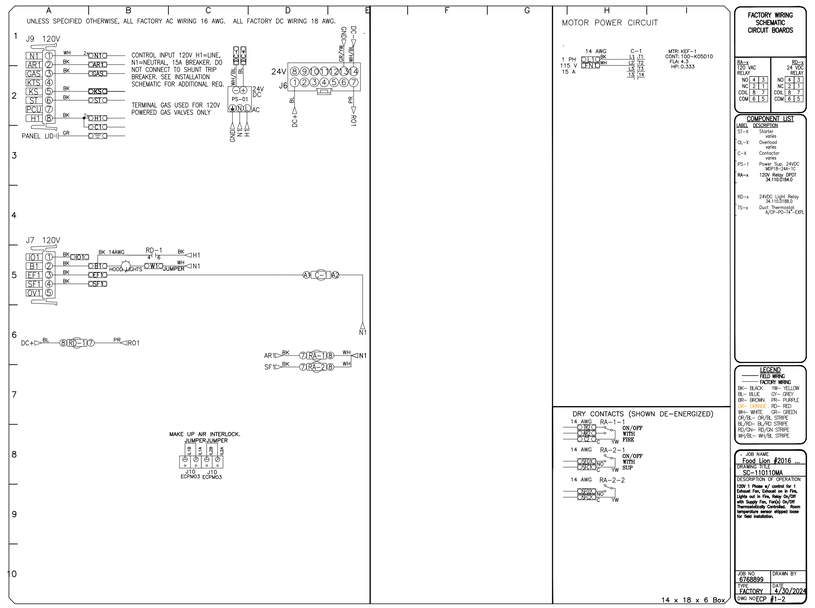

## CONTROL PANEL TO FANS
**Responsibility: Electrician**




## CONTROL PANEL TO ACCESSORY ITEMS
**Responsibility: Electrician**










MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

**REVISIONS**

| | DESCRIPTION | DATE: |
|---|---|---|
| △ | | |
| △ | | |
| △ | | |
| △ | | |

CAPTIVE-AIRE
Charlotte/Piedmont
6303 Carmel Road Suite 105, Charlotte, NC, 28226 PHONE: (704) 844 - 9088 FAX: 9192275952 EMAIL: resj30@captiveaire.com
www.captiveaire.com

Food Lion #2016 – Mint Hill, NC
6275 Wilson Grove Road,
Mint Hill, NC, 28227

**DATE:** 4/30/2024
**DWG.#:** 6768899
**DRAWN BY:**
**SCALE:** 3/4" = 1'–0"
**MASTER DRAWING**
**SHEET NO.** 3

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PAGE INTERWORKS, P.A.
ENGINEERS & CONSULTANTS
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332
NC BUSINESS FIRM C-1111
JUNE 30, 2025

PROFESSIONAL'S SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 42587 ENGINEER RYAN J. CRAWFORD

08/21/2024
CORPORATE SEAL:

REVISIONS
NO DATE REMARKS

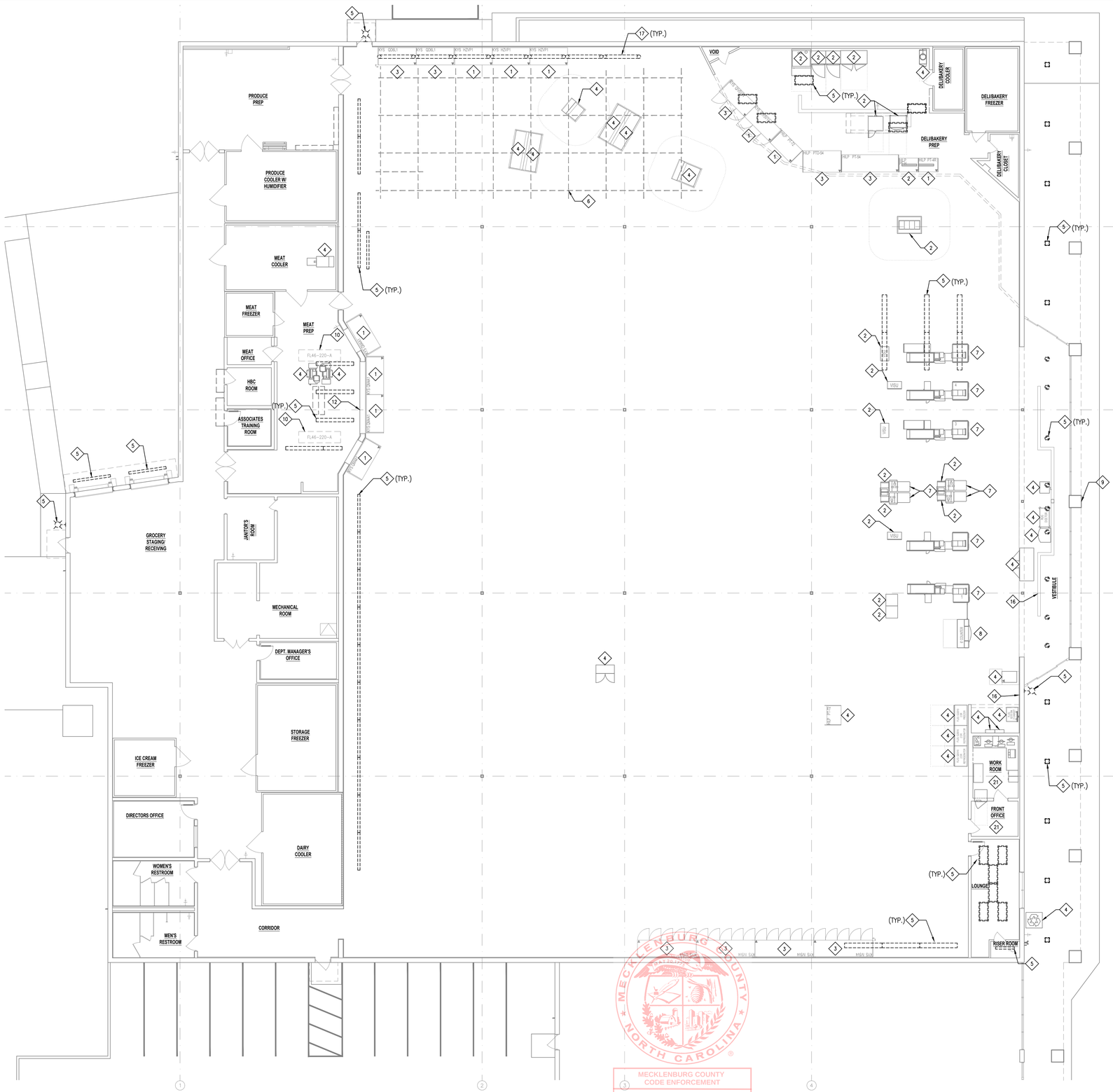
ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

FOOD LION REMODEL
STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 06/21/2024
31 OF 44
M4.03
DELI HOOD DETAILS

CHECKED: RJC DRAWN: RJC




1 E0.01 ELECTRICAL DEMOLITION PLAN
SCALE: 3/32" = 1'-0"

MECKLENBURG COUNTY
CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code Of The Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

## ELECTRICAL DEMOLITION GENERAL NOTES

1. ALL ACCESSIBLE ITEMS OF ELECTRICAL EQUIPMENT CONDUITS, WIRING, LIGHTS, RECEPTACLES, ETC. AFFECTED BY THE RENOVATION WORK AND NOT REQUIRED IN THE COMPLETED WORK SHALL BE CAREFULLY REMOVED. DAMAGED WALLS, FLOORS, CEILINGS, ETC. SHALL BE PATCHED AND FINISHED TO MATCH THE EXISTING ADJACENT SURFACES. REMOVED ITEMS SHALL BE PROPERLY DISPOSED OF OFF SITE AND NOT RE-USED EXCEPT AS NOTED. TURN OVER ALL EXISTING EQUIPMENT DESIRED BY BUILDING OWNER. ITEMS TO BE RE-USED SHALL BE CAREFULLY REMOVED AND STORED IN A PROTECTED AREA.
2. REMOVE EXISTING CIRCUITS IN PANELS NOT REQUIRED FOR COMPLETED WORK. UTILIZE EXISTING BREAKERS FOR NEW WORK SHOWN. PROVIDE NEW BREAKERS AS REQUIRED TO SERVE NEW CIRCUITS. LABEL ALL BREAKERS. LABEL ALL BREAKERS NOT USED AS SPARE.
3. RECONNECT CIRCUITS AS REQUIRED TO MAINTAIN CONTINUITY TO EXISTING DEVICES AND EQUIPMENT NOTED TO REMAIN AS WELL AS ADJACENT AREAS WHICH ARE NOT IN CONTRACT.
4. REMOVE UNUSED CONDUIT AND WIRE BACK TO SOURCE.
5. ALL WIRING SHALL BE DONE IN STRICT ACCORDANCE WITH N.E.C. STANDARDS AND WITH FOOD LION STANDARDS. ALL WORK SHALL BE OF FIRST QUALITY. NO HAZARDOUS WORK WILL BE ACCEPTED. 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 FITTINGS. SEE SPECIFICATIONS FOR STANDARD PRACTICES.
6. DO NOT DISRUPT THE PULL STATIONS, SAFE, OR ANY COMPONENT OF THE FIRE OR SECURITY SYSTEM WITHOUT FIRST CONTACTING FOOD LION PHYSICAL SECURITY (AARON ASHLEY) AT (704) 633-8250 ext. 3128.
7. THE ELECTRICAL CONTRACTOR SHALL REVIEW THE HAZARDOUS MATERIAL REPORT, IF APPLICABLE, AND COORDINATE ALL HAZARDOUS MATERIAL REMOVAL WITH THE FOOD LION CONSTRUCTION MANAGER.
8. THE ELECTRICAL CONTRACTOR SHALL PHOTOGRAPH OR VIDEOTAPE EXISTING CONDITIONS IN AND AROUND THE STORE PRIOR TO BEGINNING CONSTRUCTION. PARTICULAR ATTENTION SHOULD BE DIRECTED TO THE CEILING, ALL LIGHTING AND PANELS.
9. THE ELECTRICAL CONTRACTOR SHALL COORDINATE REMOVAL/RELOCATION OF LOTTERY EQUIPMENT WITH THE GENERAL CONTRACTOR AND THE FOOD LION CONSTRUCTION MANAGER.
10. ANY WORK IN REST ROOMS TO BE SCHEDULED TO ALLOW FOR AT LEAST ONE TO REMAIN OPEN AT ALL TIMES. COORDINATE WITH FOOD LION CONSTRUCTION MANAGER. PROPER SIGNAGE MUST BE INSTALLED WITH UNISEX RESTROOMS, USE SLIDE LOCK. PROVIDED BY FOOD LION.
11. THE GENERAL CONTRACTOR SHALL COORDINATE THE REMOVAL, RELOCATION AND RETENTION OF THE EXISTING SALES AREA LIGHTING WITH THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL REMOVE ANY SPOTLIGHTS FROM THE SALES AREA UNLESS NOTED TO REMAIN. REFER TO SHEET E1.01 FOR ADDITIONAL INFORMATION.

## ELECTRICAL DEMOLITION KEY NOTES

1. REFRIGERATED CASE TO BE REMOVED. COORDINATE REQUIREMENTS WITH THE REFRIGERATION CONTRACTOR.
2. EQUIPMENT TO BE REMOVED. ELECTRICAL CONTRACTOR SHALL DISCONNECT AS REQUIRED, REMOVE DEVICES, WIRE, CONDUITS, ETC. AND LABEL BREAKERS AS SPARE FOR NON-REUSED CIRCUITS. PATCH, REPAIR AND SEAL PENETRATIONS AS REQUIRED FROM NEW WORK.
3. REFRIGERATED CASE TO BE RELOCATED. ELECTRICAL CONTRACTOR SHALL DISCONNECT AS REQUIRED, REMOVE DEVICES, WIRE, CONDUITS, ETC. AND EXTEND CIRCUITRY AND RECONNECT AS REQUIRED TO NEW LOCATION.
4. EQUIPMENT TO BE RELOCATED. ELECTRICAL CONTRACTOR SHALL DISCONNECT AS REQUIRED, REMOVE DEVICES, WIRE, CONDUITS, ETC. AND EXTEND CIRCUITRY AND RECONNECT AS REQUIRED TO NEW LOCATION.PATCH, REPAIR AND SEAL PENETRATIONS AS REQUIRED FROM NEW WORK.
5. LIGHTING FIXTURE TO BE REMOVED / RELOCATED. SEE SHEET E1.01. ANY LIGHT FIXTURES TO BE REUSED ARE TO BE REMOVED AND STORED IN SUCH A MANNER THAT RENDERS THEM REUSABLE. GC SHALL STORE FIXTURES IN A SECURED TRAILER.
6. TRELLIS AND ASSOCIATED TRACK LIGHTING TO BE REMOVED COMPLETE. REMOVE WIRE BACK TO SOURCE AND LABEL NON-REUSED BREAKERS AS "SPARE".
7. ELECTRICAL CONTRACTOR SHALL DISCONNECT CHECK STAND AND ASSOCIATED EQUIPMENT, ELECTRICAL CONTRACTOR SHALL PULL ALL POINT OF SALE EQUIPMENT, FOOD LION ELECTRICAL CONTRACTOR (MID-CAROLINA) SHALL REMOVE AND DISPOSE OF CHECK STANDS. CIRCUITRY TO REMAIN FOR REUSE.
8. MILLWORK TO BE REMOVED. ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ANY EXISTING DEVICES, PC, MONITORS, PRINTERS, ETC. AS REQUIRED. CIRCUITRY TO REMAIN FOR RECONNECTION. FIELD VERIFY EXISTING CONDITIONS AND EXTENT OF WORK. COORDINATE OVERNIGHT WORK WITH FOOD LION CONSTRUCTION MANAGER 2 WEEKS PRIOR.
9. STORE FRONT SIGN TO BE REPLACED. DISCONNECT AS REQUIRED. CIRCUITRY TO REMAIN FOR RECONNECTION. NEW LED SIGN REQUIRES ONE JUNCTION BOX. TERMINATE THE REST FOR FUTURE USE.
10. EVAP COIL TO BE RELOCATED. DISCONNECT AS REQUIRED. CIRCUITS TO REMAIN FOR REUSE UNLESS NEW CIRCUIT INDICATED ON E1.03. COORDINATE WITH THE REFRIGERATION CONTRACTOR.
11. ~~RECEPTACLES, COMMUNICATIONS, DATA, AND JUNCTION BOXES BELOW 48" AFF TO BE RELOCATED TO 48" AFF~~ BEHIND NEW CABINET TO BE INSTALLED IN WORK ROOM.
12. WALL SECTION TO BE DEMOLISHED. REMOVE ALL DEVICES, CONDUIT, WIRE, ETC. IN AFFECTED AREAS. CIRCUITS TO BE REROUTED TO NEW EQUIPMENT LOCATIONS. FIELD VERIFY EXTENT OF WORK.
13. ~~EXISTING ROOFTOP MECHANICAL EQUIPMENT TO BE REMOVED. DISCONNECT AS REQUIRED. SEE SHEET~~ E1.02 FOR CIRCUITRY TO REMAIN FOR REUSE. REMOVE WIRE BACK TO SOURCE AND LABEL NON-REUSED BREAKERS AS "SPARE". COORDINATE WITH THE MECHANICAL CONTRACTOR.
14. ~~HAND DRYER TO BE REMOVED AND REPLACED WITH NEW SLIM PROFILE HAND DRYER, EXTEND~~ CIRCUITRY AS REQUIRED. COORDINATE REQUIREMENTS WITH THE NEW HAND DRYER.
15. ~~PROPANE EXCHANGE TO BE RELOCATED. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY THAT ALL~~ ELECTRICAL CONNECTIONS ARE CAPPED OFF WITHIN 5' OF THE FINAL LOCATION OF THE RELOCATED PROPANE EXCHANGES. ELECTRICAL CONTRACTOR SHALL REMOVE ALL WIRING AND CAP OFF CONDUITS.
16. CONDUITS ON THIS WALL TO BE RECESSED BEHIND CWS OR REMOVED IF NOT USED.
17. REMOVE EXISTING UPLIGHT LIGHTING FIXTURES. PROVIDE CIRCUITRY PROVISIONS NECESSARY TO MAINTAIN DOWNSTREAM LOADS.
18. ~~REPLACE EXISTING 24-SPACE PANEL "cp" WITH NEW 30-SPACE PANEL. ALL WALL OPENINGS CAUSED~~ BY EQUIPMENT REMOVAL TO BE PROPERLY COVERED.
19. ~~REMOVE CEILING-MOUNTED RECEPTACLES U.O.N.~~
20. ~~EQUIPMENT TO BE REMOVED & RECEPTACLE REUSED AS CONVENIENCE OUTLET, COORDINATE WITH~~ SHEET E1.02 & E6.01.
21. RELOCATE EXISTING OUTLETS AND WIRING PER NEW FURNITURE/MILLWORK LAYOUT. SEE ENLARGED PLANS ON E4.02 AND E4.03.

ATM NOTE:
ELECTRICAL CONTRACTOR SHALL NOT UNPLUG ATM FOR ANY REASON. NO ONE IS ALLOWED TO USE THE ELECTRICAL OUTLET OR PHONE LINE JACK FOR ANY REASON. IT IS ILLEGAL TO ATTACH ANY DEVICE TO THE ATM LINE FOR ANY REASON. THE ONLY PEOPLE ALLOWED TO UNPLUG THE ATM ARE NATIONWIDE SERVICE AND THE COMPANY THAT REPLENISHES CASH IN THE ATM. COORDINATE ANY AND ALL WORK ASSOCIATED WITH THE ATM WITH FOOD LION CONSTRUCTION MANAGER AND NATIONWIDE SERVICE AND/OR THE COMPANY THAT REPLENISHES CASH.

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 19375 ENGINEER KARL A. R. PAGE

08/21/2024
CORPORATE SEAL:

PAGE INTERWORKS, P.A.
ENGINEERS & CONSULTANTS
NC BUSINESS FIRM C-1734
JUNE 30, 2025
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4229 FAX: 336-667-4332

REVISIONS
NO DATE REMARKS

ahold delhaize USA

FOOD LION
210 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

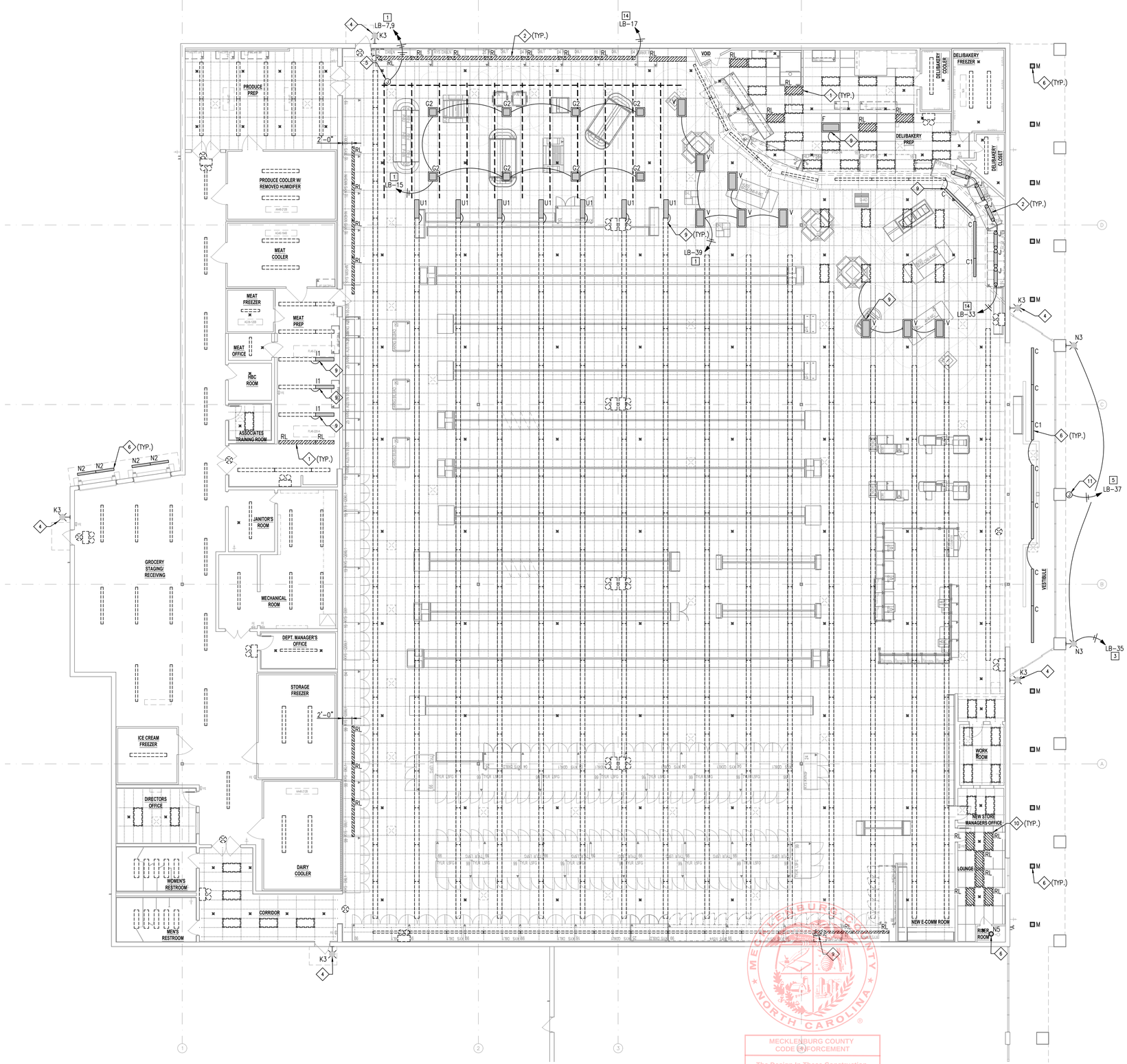
PROJECT NO: 2216FLMK24
DATE: 06/21/2024

32 OF 44

# E0.01

ELECTRICAL DEMOLITION PLAN

CHECKED: DOD DRAWN: AMP




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

MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

SYMBOL LEGEND

| | | | |
|---|---|---|---|
| EXISTING LIGHT | EXISTING EXIT SIGN | NEW EMERGENCY LIGHT | |
| RELOCATED LIGHT | NEW EXIT SIGN | 1 | ENERGY MANAGEMENT LOAD NUMBER |
| NEW LIGHT | EXISTING EMERGENCY LIGHT | | |

## 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. TO CENTER OF BOX.
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 INSTALLED THRU THE ENERGY MANAGEMENT SYSTEM; REFER TO E6.03 FOR CORRECT LOAD #. LIGHTING TO BE INSTALLED AT LEAST 8" 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 E6.02 FOR LIGHT FIXTURE SCHEDULE
REFER TO SHEET E6.03 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:
ELIZABETH DURBIN (614)933-8695, X. 1006
EADURBIN@BUSSTRUT.COM

## LIGHTING PLAN KEY NOTES

1. CONNECT TO EXISTING LIGHTING CIRCUIT. VERIFY THAT EXISTING CIRCUIT IS NOT OVERLOADED.
2. MOUNT LIGHTING FIXTURE ON TOP OF REFRIGERATED CASE FOR UP-LIGHTING. SEE GEN. NOTE #15.
3. ~~COORDINATE EXACT LOCATIONS, QUANTITIES AND MOUNTING HEIGHT OF DEPARTMENT SIGN LIGHTING FIXTURES WITH DELHAIZE~~ CONSTRUCTION SUPERVISOR. SEE DETAIL 8/E5.01.
4. CONNECT TO NEAREST EXISTING 120V EMERGENCY LIGHTING CIRCUIT INSIDE BUILDING. (CRESCENT POST- 133, 134)
5. NEW BUSSTRUT INSTALLED BY DECOR CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. COORDINATE POWER DROP WITH BUSSTRUT SUBMITTAL.
6. NEW LIGHTING FIXTURE TO REPLACE EXISTING. CONNECT TO EXISTING LIGHTING CIRCUIT. VERIFY THAT EXISTING CIRCUIT IS NOT OVERLOADED.
7. ~~VERIFY THAT EXISTING EMERGENCY LIGHTING UNIT IS CONNECTED TO AN EMERGENCY LIGHTING CIRCUIT AHEAD OF ALL SWITCHING~~ (EITHER XX-XX, XX-XX OR XX-XX). (CRESCENT POST-XX)
8. ~~CONNECT EMERGENCY BATTERY PACK TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHING.~~
9. CONNECT NEW LIGHTING FIXTURE TO EXISTING CIRCUIT. VERIFY THAT EXISTING CIRCUIT IS NOT OVERLOADED.
10. REINSTALL EXISTING LIGHTING FIXTURE IN NEW CEILING. RECONNECT TO EXISTING LIGHTING CIRCUIT.
11. STOREFRONT SIGN TO BE REPLACED. RECONNECT TO EXISTING CIRCUITS. COORDINATE REQUIREMENTS WITH SIGN CONTRACTOR.

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 16975 ENGINEER KARL A.R. PAGE

08/21/2024

CORPORATE SEAL:

PAGE
INTERWORKS, P.A.
ENGINEERS & CONSULTANTS
NC BUSINESS FIRM #C-1332 EXPIRES JUNE 30, 2025
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332

REVISIONS
NO DATE REMARKS

ahold delhaize USA

FOOD LION
210 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

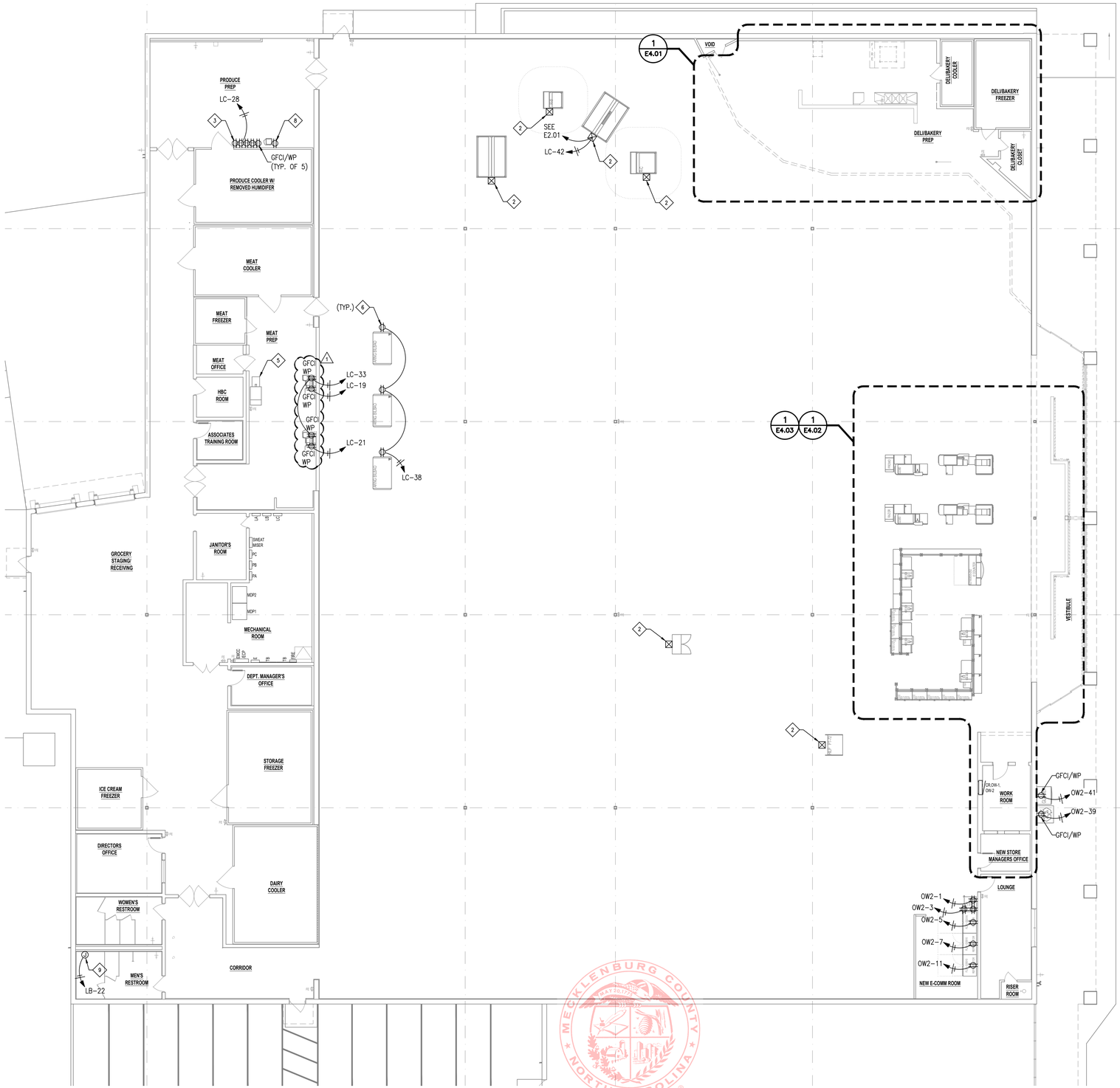
PROJECT NO: 2216FLMK24
DATE: 06/21/2024

33 OF 44

E1.01

LIGHTING PLAN

CHECKED: DOD DRAWN: AMP




1 POWER PLAN
E1.02 SCALE: 3/32" = 1'-0"

MECKLENBURG COUNTY
MAY 20 2024
NORTH CAROLINA
Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

## GENERAL NOTES:

1. DIMENSIONS FOR CONDUIT STUB-UPS IN SALES AREA ARE TO BE HELD WITHIN 1".
2. ANY EXPOSED CONDUIT IN PREP AREAS SHALL BE SECURELY FASTENED IN PLACE AS PER CODE.
3. ALL DUPLEX RECEPTACLES SHALL BE MOUNTED 18" A.F.F. UNLESS NOTED OTHERWISE.
4. 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.
5. THE MECHANICAL CONTRACTOR SHALL SUPPLY THE AIR CURTAINS, AIR CURTAIN MOUNTING BRACKETS AND MICRO-SWITCHES.
6. THE ELECTRICAL CONTRACTOR SHALL INSTALL AND WIRE THE MICRO-SWITCH FOR AIR CURTAIN CONTROL.
7. ALL NEW AND EXISTING RECEPTACLES IN PREP AREAS SHALL HAVE "IN-USE" WATERPROOF RECEPTACLE COVERS.
8. ALL NEW DISCONNECTS SHALL BE "D.E." GENERAL DUTY.
9. 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.
11. 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.
12. 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.
13. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING ALL ELECTRICAL EQUIPMENT NEEDED FOR ALL NEW AND RELOCATED MECHANICAL EQUIPMENT. COORDINATE ELECTRICAL HOOK-UPS WITH MECHANICAL CONTRACTOR.
14. 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.
15. 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.
17. 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" TALL. 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 & INSTALL TELEPOLES.
19. 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 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 WATERPROOF BOXES.
23. REMOVAL/RELOCATION OF ECOLAB FLY TRAPS TO BE COORDINATED WITH VENDOR VIA FOOD LION CONSTRUCTION MANAGER. EC TO PROVIDE POWER.

## TELEPOWER POLE INSTALLATION NOTES

1. CONDUITS FROM "CR" & "OW" SHALL BE AS FOLLOWS:
   - (4) 3" 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, SENSOR-MATIC DEACTIVATION PADS & GENERAL RECEPTACLES.
2. CASH REGISTER CIRCUITS SHALL BE PROVIDED WITH DEDICATED NEUTRAL AND GREEN DEDICATED CIRCUIT.
3. BX CABLES SHALL BE INSTALLED WITH INSULATED THROATS AND APPROVED CONNECTORS.
4. 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.
5. 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.
6. TELEPOLE CUT IN THE FIELD TO BE CUT AT THE TOP ONLY AND FILED SMOOTH.
7. 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 TELEPOLES 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, 2¾"x2¾" CLEAR ANODIZED ALUMINUM POLES UNLESS NOTED OTHERWISE. MOUNT WITH LARGER DIMENSION OF THE TELEPOLE RUNNING BACK TO FRONT.
8. COORDINATE EXACT TELEPOLE LOCATION WITH FOOD LION CONSTRUCTION MANAGER DURING TIME OF STORE SET.
9. REAR SECTION OF TELEPOLE IS FOR POWER, FRONT SECTION IS FOR COMMUNICATIONS.

MODEL #'S

BY ELECTRICAL CONTRACTOR (U.N.O.)

- A FLAMP0573
  - SPL AMDTP-415 15FT 2-CHANNEL POLE WITH (1) L5-20R, STANDARD GRAY BOOT
  - 3x3 & 4x4 SLANT BINS
- B FLAMP0574
  - SPL AMDTP-415 15FT 2-CHANNEL POLE WITH (2) L6-20R (2 CIRCUITS), STANDARD GRAY BOOT
  - 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
- C FLAMP0739
  - SPL AMDTP-415 15FT 2-CHANNEL POLE WITH (2) L6-30R (2 CIRCUITS), STANDARD GRAY BOOT
  - LARGE BERRY BIN
- D FLAMP0577
  - SPL AMTC-415 15FT 2-CHANNEL POLE NO RECEPTACLE REQUIRED, STANDARD GRAY BOOT
  - WING BAR
  - TUB CASES
  - CUSTOMER SERVICE COUNTER
  - SELF-CHECKOUTS
- E1 FLAMP0741
  - SPL AMDTP-415 15FT 2-CHANNEL POLE WITH (1) L14-20R SIMPLEX, STANDARD GRAY BOOT
  - SELF-CONTAINED (SHORT) WINE CASE (M-04-14-S)
- E2 FLAMP0742
  - SPL AMDTP-415 15FT 2-CHANNEL POLE WITH (1) L14-30R, STANDARD GRAY BOOT
  - SELF-CONTAINED (TALL) WINE CASE (M-06-16-S)
- F FLAMP0740
  - SPL AMDTP-415 15FT 2-CHANNEL POLE WITH (1) 5-20R SIMPLEX, STANDARD GRAY BOOT
  - PET FRESH
  - OLIVE BAR
- S EBS392
  - SPL AM CRV 15FT 1-CHANNEL SNAP-ON, NO RECEPTACLE REQUIRED.
  - FOR USE WITH TYPE "D" FLAMP0577 TO ADD CHANNEL WHEN NEEDED.
  - SELF-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
- X FLAMPX
  - WHEN EXTENSION IS NEEDED, USE #AMP0322 (2 CHANNEL) WITH SLIDING SUPPORT #E63204.

## POWER PLAN KEY NOTES

1. ~~TELEPOWER POLE FOR SELF CONTAINED REFRIGERATED CASE. SEE LEGEND THIS SHEET.~~
2. RELOCATE EXISTING TELEPOWER POLE AND CIRCUITING FOR RELOCATED SELF-CONTAINED REFRIGERATED CASE.
3. RECEPTACLES FOR NEW FOG SYSTEM. SEE DETAIL 6/E5.01.
4. ~~MOUNT ABOVE CEILING FOR POWER TO NEW TV.~~
5. RELOCATE EXISTING DISCONNECT AND CORD/CONNECTORS FOR RELOCATED MEAT GRINDER. SEAL CONDUIT PENETRATION THROUGH CEILING.
6. MOUNT IN KICK PLATE OF PROMO CASE. INSTALL CONDUIT BELOW FINISH FLOOR.
7. ~~REMOVE ALL EXISTING ELECTRICAL OUTLETS AND CIRCUITING WITHIN 5'-0" OF THE PROPANE CYLINDER~~ EXCHANGES.
8. USE EXISTING RECEPTACLE FOR NEW SCALE.
9. POWER FOR AUTOMATIC FLUSH VALVE. COORDINATE WITH PLUMBING CONTRACTOR.

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 037575 WILLIAM R. PAGE

09/11/24

CORPORATE SEAL:

PAGE
ENGINEERS & CONSULTANTS
INTERWORKS, P.A.
NC FIRM P-0339
NC BUSINESS FIRM C-1334
JUNE 30, 2025
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4222 FAX: 336-667-4332

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|
| 1 | 09/11/24 | INSPECTION COMMENTS |

ahold delhaize USA

FOOD LION

2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

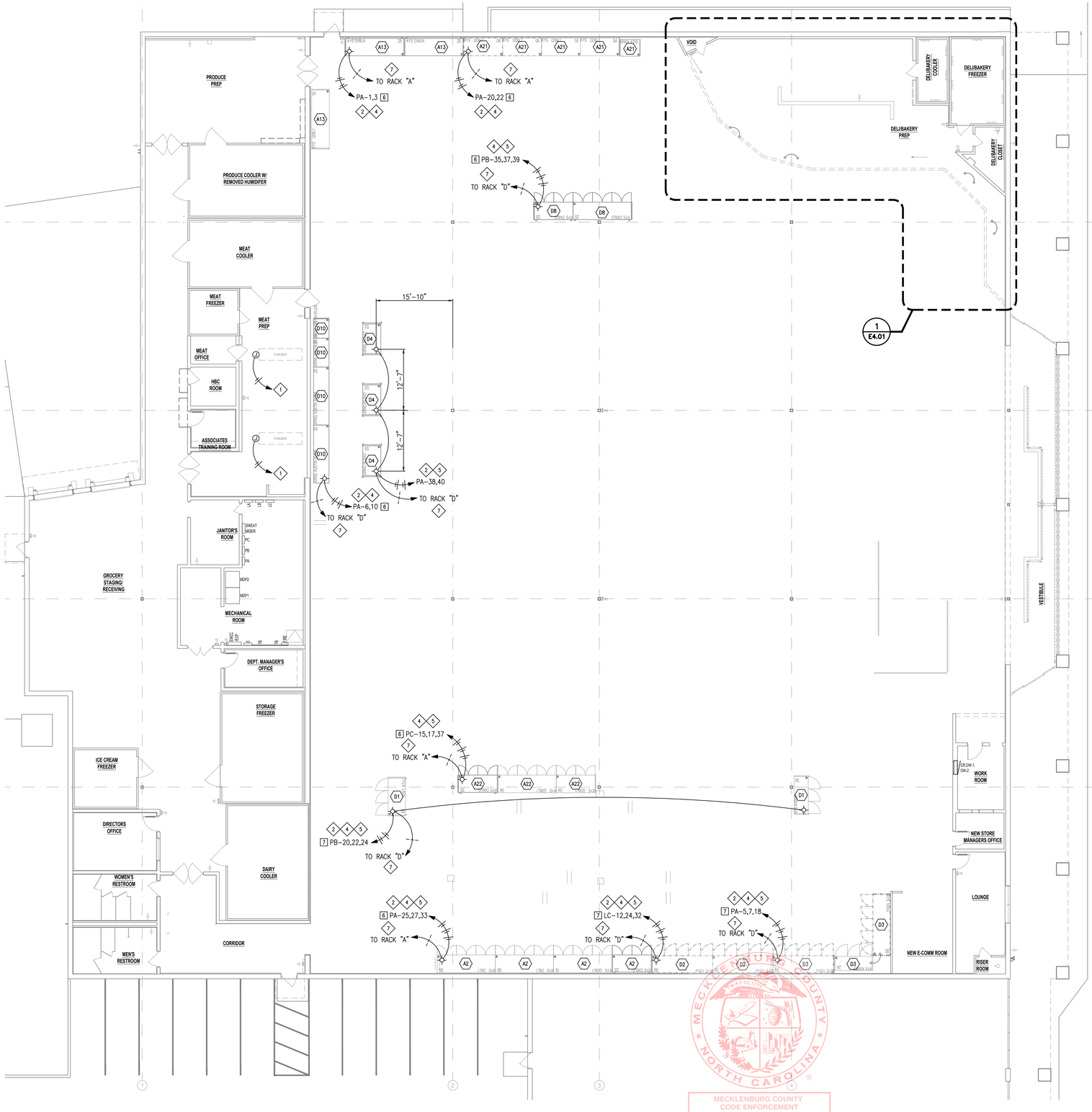
PROJECT NO: 2216FLMK24
DATE: 06/21/2024



E1.02

POWER PLAN

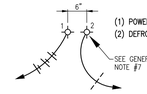
CHECKED: DOD DRAWN: AMP




1 E1.03 ELECTRICAL REFRIGERATION PLAN
SCALE: 3/32" = 1'-0"

LEGEND

- ELECTRICAL STUB-UP
- DROP FROM CEILING
- SENSOR – SEE NOTES No. 8, 12
- MAGNETIC SWITCH
- XX REFRIGERATION CIRCUIT NUMBER
- REFRIGERATION CIRCUIT BREAK
- # EMS LOAD (VERIFY WITH SESCO REPRESENTATIVE, ARCHITECT AND CRESCENT REPORT FOR EXISTING LOADS)




(1) POWER STUB-UP
(2) DEFROST/TEMP SENSOR STUB-UP

TYPICAL STUB-UP UNDER CASES

GENERAL NOTES:

1. MEDIUM TEMPERATURE CASES (PER CIRCUIT ELECTRICAL REQUIREMENTS AND COLOR CODES)
   - FANS: 12GA 1-BLACK, 1-WHITE, 1-BLACK/WHITE (NEUTRAL)
   - LIGHTS: 12GA 1-RED, 1- WHITE, 1-RED/WHITE (NEUTRAL), RUN THROUGH EMS LOAD #6
   - ANTI-SWEAT HEATERS: 10GA 1-BLUE, 1-WHITE, 1-BLUE/WHITE (NEUTRAL). FOR NEW OR RETROFITTED GLASS DOOR CASES ONLY. RUN THROUGH THE SWEATMISER PANEL. ONE CIRCUIT FOR DAIRY, ONE CIRCUIT FOR LUNCH MEAT AND ONE CIRCUIT FOR BEER. MARK NEUTRAL (BLUE/WHITE WIRE) WITH PROPER PANEL LETTER AND CIRCUIT NUMBER. THERE WILL BE A 4x4 JUNCTION BOX INSTALLED ON TOP OF THE CASES BY THE RETROFIT DOOR COMPANY THAT THE EC WILL RUN HIS WIRES TO. SEE ENVIRONMENTAL NOTES ON THIS SHEET.
   - 22GA 4-WIRE SHIELDED CABLE 1-BLACK AND 1-WHITE FOR CASE SENSOR, 1-RED AND 1-GREEN FOR SPARES.
2. LOW TEMPERATURE CASES (PER CIRCUIT ELECTRICAL REQUIREMENTS AND COLOR CODES)
   - FANS: 12GA 1-BLACK, 1-WHITE, 1-BLACK/WHITE (NEUTRAL)
   - LIGHTS: 12GA 1-RED, 1-WHITE, 1-RED/WHITE (NEUTRAL), RUN THROUGH EMS LOAD #6
   - ANTI-SWEAT HEATERS: 10GA 1-BLUE, 1-WHITE, 1-BLUE/WHITE (NEUTRAL). RUN THROUGH THE SWEATMISER PANEL. MARK NEUTRAL (BLUE/WHITE WIRE) WITH PROPER PANEL LETTER AND CIRCUIT NUMBER.
   - 22GA 4-WIRE SHIELDED CABLE 1-BLACK AND 1-WHITE FOR CASE SENSOR, 1-RED AND 1-GREEN FOR DEFROST TERMINATION.
3. MEDIUM TEMPERATURE WALK-IN COOLERS (PER CIRCUIT ELECTRICAL REQUIREMENTS AND COLOR CODES)
   - FANS: 12GA 1-BLACK, 1-WHITE
   - LIGHTS: 12GA 1-RED, 1-WHITE, RUN THROUGH EMS LOAD#1
   - 22GA 4-WIRE SHIELDED CABLE 1-BLACK AND 1-WHITE FOR CASE SENSOR, 1-RED AND 1-GREEN FOR SPARES.
4. LOW TEMPERATURE WALK-IN FREEZERS (PER CIRCUIT ELECTRICAL REQUIREMENTS AND COLOR CODES)
   - FANS: 12GA 2-BLUE (FAN POWER COMES FROM THE LOW-TEMP RACK EVAPORATOR CONTACTOR)
   - LIGHTS: 12GA 1-RED, 1-WHITE, RUN THROUGH EMS LOAD #1
   - 22GA 6-WIRE SHIELDED CABLE 1-BLACK AND 1-WHITE FOR CASE SENSOR, 1-RED AND 1-GREEN FOR TERMINATION, 1-BROWN AND 1-BLUE FOR MAGNETIC DOOR SWITCH.
5. ALL CONTROL WIRES FOR CASES AND WALK-INS SHALL TERMINATE AT THE ASSOCIATED REFRIGERATION RACK OR REMOTE MANIFOLD.
6. THE EC SHALL MOUNT THE DOOR SWITCH PROVIDED BY THE RACK MFG (IN RC PARTS). EC SHALL PROVIDE WIRE AND CONDUIT FROM FREEZER TO RACK CONTROL PANEL. COORDINATE WITH THE FOOD LION REFRIGERATION REPRESENTATIVE.
7. ALL CONDUIT FOR REFRIGERATED CASES SHALL BE 1". ENTIRE SALES AREA STUB-UP TO 1" OF DIMENSION.
8. DIMENSIONS PULLED FROM INSIDE FACE OF MASONRY WALL UNLESS OTHERWISE INDICATED ON PLANS.
9. ALL WIRING SHALL BE DONE IN ACCORDANCE WITH N.E.C. STANDARDS AND WITH FOOD LION STANDARDS. INSTALL USING PROPER WORKMANSHIP. EC IS TO MAKE SURE THAT NO MC OR BX OR ANY OTHER FLEX CABLES ARE USED UNLESS OTHERWISE NOTED. MC OR BX CAN ONLY BE USED IN SHORT RUNS FOR LIGHTING FEEDS. EMT MUST BE USED TO CONNECT PANEL TO JUNCTION BOX AND HAVE COMPRESSION-TYPE FITTINGS. SEE SPECIFICATIONS FOR STANDARD PRACTICES.
10. RUN A SEPARATE 3/4" CONDUIT FROM EACH REFRIGERATION CONTROLLER TO ITS RESPECTIVE CONDENSER, CONTAINING (1) 4-WIRE SHIELDED CABLE FOR COMMUNICATION. ONLY SHIELDED CABLES SHALL BE RUN IN THIS CONDUIT.
11. ALL WIRE SHALL BE STRANDED FOR CONTROLS AND SOLID FOR BRANCH CIRCUITS.
12. ANTI-SWEAT SENSOR MOUNTED ON CHASE/COLUMN ABOVE FROZEN FOOD CASE LINE-UP BY ELECTRICAL CONTRACTOR. COORDINATE EXACT LOCATION WITH FOOD LION REPRESENTATIVE. SEE ENVIRONMENTAL CONTROL NOTES THIS SHEET.
13. PROVIDE SHIELDED CABLE LABELED AS REQUIRED FOR ALL REFRIGERATED CASES. THIS INCLUDES NEW, EXISTING-RELOCATED, AND EXISTING TO REMAIN CASES. COOLERS AND FREEZERS WILL BE INCLUDED IN THIS PROCESS IF NO TEMPERATURE SENSORS EXIST. SEE GENERAL NOTES #1-4. VERIFY EXTENT OF WORK IN FIELD. EACH REFRIGERATION CIRCUIT WILL HAVE ITS OWN ELECTRICAL CIRCUIT. AS AN EXAMPLE, IF ONE REFRIGERATION CIRCUIT IS REMOVED AND IS REPLACED BY TWO REFRIGERATION CIRCUITS AN ADDITIONAL ELECTRICAL CIRCUIT WILL BE REQUIRED. THIS CIRCUIT WILL HAVE LIGHTS AND FANS SEPARATED AND ANTI-SWEAT RUN THROUGH THE ANTI-SWEAT CONTROLLER FOR ALL NEW AND RELOCATED GLASS DOOR FROZEN FOOD CASES.
14. INSTALL A 6" X 6" X 36" WIRING TROUGH WHERE THE CABLES ENTER THE MECHANICAL ROOM, CONDUIT FROM THE TROUGH TO THE RESPECTIVE RACK/HEADER, LABELING BOTH ENDS OF EACH CABLE WITH CIRCUIT DESIGNATION. REFRIGERATION CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING THE SENSOR CABLES TO THE RACK/HEADER AND CASE/COOLERS.
   IMPORTANT NOTE: ELECTRICAL CONTRACTOR SHALL RUN SENSOR CABLES THE NIGHT OF THE CASE MOVES.
15. BIDDING ELECTRICAL CONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING A COPY OF THE REFRIGERATION INSTALLATION SCOPE OF WORK & SUMMARY TO VERIFY & INCLUDE ANY NEW OR RESIZED BREAKERS. NOTE: NEW LOW TEMP RACK PROVIDE EVAPORATOR POWER TO WALK-IN FREEZERS. INCLUDE RELOCATING EVAPORATOR CIRCUITS WHEN A NEW RACK IS INDICATED. WHEN NEW E2E CONTROLLERS ARE INDICATED IN THE REFRIGERATION SCOPE OF WORK, PROVIDE 3/4" CONDUIT FROM ENVIRONMENTAL CONTROL PANEL
   -TO A T-11 BOX AT RECLAIM WATER HEATERS, INCLUDE 4 WIRE SHIELDED.
   -TO REFRIGERATION RACKS, DAISY CHAIN RACK TO RACK, INCLUDE (2) 4 WIRE SHIELDED CABLE FOR COM B & C ON CONTROLLERS. IN NEW RACKS PROVIDE 3/4" CONDUIT FROM ANY NEW RACKS TO ROOFTOP CONDENSER (2) 14'S AND (4) WIRE SHIELDED.
16. ALL NEW AND RELOCATED CASE WORK REQUIRES A SEPARATE NEUTRAL FOR EACH: LIGHTS, FANS & ANTI-SWEAT HEATERS. NO DOUBLE POLE BREAKERS ARE ALLOWED FOR SHARED NEUTRALS.

SENSORS

17. ALL NEW AND EXISTING LOW VOLTAGE CABLING SHALL BE PROPERLY SUPPORTED AND NEATLY SECURED. ALL NEW CABLES SHALL BE IN CONDUIT VERTICALLY AND SECURED NEATLY TO STEEL OVERHEAD. ANY NEW CABLING TO BE RUN PARALLEL & PERPENDICULAR TO EXTERIOR WALLS. ALL ABANDONED CABLES TO BE REMOVED.
18. REFRIGERATION SENSOR WIRING MAY BE FREE WIRED AND TIE-WRAPPED TO THE STRUCTURE ABOVE LAY-IN CEILINGS AND IN EXPOSED CEILING BACK ROOM AREAS, IF ALLOWED BY CODE (UNLESS CALLED OUT TO BE UNDER SLAB). SENSOR WIRING IN EXPOSED STRUCTURE CEILINGS (REMODELS) SHALL BE RUN IN EMT CONDUIT. IN MACHINE ROOMS, SENSOR WIRING SHALL BE INSTALLED IN A 6" X 6" X 36" TROUGH WHERE THE CABLES ENTER THE ROOM, IN EMT CONDUIT FROM THE TROUGH TO ABOVE THE RESPECTIVE RACK/HEADER, THEN IN FLEXIBLE CONDUIT TO THE RACK/HEADER, LABELING BOTH ENDS OF EACH CABLE WITH CIRCUIT DESIGNATION. REFRIGERATION CONTRACTOR TO TERMINATE THE SENSOR CABLES TO THE RACK/HEADER AND CASES/COOLERS.
19. REFRIGERATION CONTRACTOR SHALL SUPPLY AND INSTALL SOLENOID VALVE AT THE RACK FOR THE GARDEN COOLER & PRODUCE PREP EVAPORATOR COILS.
20. RELOCATE COLUMN MOUNTED SENSORS FOR ANTI-SWEATS WHEN FROZEN FOOD CASES ARE REPOSITIONED IN THE SALES AREA.
21. THE ELECTRICAL CONTRACTOR WILL REUSE EXISTING STUB-UPS FOR NEW CASES WHERE POSSIBLE. IN THE EVENT THERE'S NO EXISTING STUB UP HE WILL COORDINATE WITH THE FOOD LION CONSTRUCTION MANAGER RUNNING WIRE OVERHEAD, (REFER TO NOTES #1-4). FIELD VERIFY EXTENT OF WORK REQUIRED PRIOR TO BID.
22. THE ELECTRICAL CONTRACTOR TO PROPERLY SEAL ALL CONDUITS ENTERING WALK-IN COOLERS AND FREEZERS TO PREVENT MOISTURE. WHERE A CONDUIT PASSES THROUGH AN INSULATED PANEL AND INTO A REFRIGERATED SPACE; THAT CONDUIT INTERIOR AND PENETRATION SHALL BE SEALED TO PREVENT MOISTURE TRANSFER AND ACCUMULATION. ANY MOISTURE ACCUMULATION / CONDENSATION OR ICE PRESENT WITHIN A REFRIGERATION SPACE, CONDUIT BODY, ELECTRICAL BOX OR FIXTURES SHALL BE REMOVED WHILE ENTRY POINT IS PROPERLY REPAIRED / SEALED.
23. GENERAL CONTRACTOR SHALL PAINT ALL EXPOSED REFRIGERATION LINES IN MEAT PREP, GARDEN COOLER, AND PRODUCE PREP TO MATCH WALL COLOR.

REFRIGERATION PLAN KEY NOTES (#)

1. RELOCATED EVAP COIL. RECONNECT TO EXISTING CIRCUIT AS REQUIRED.
2. EXTEND AND REUSE CIRCUITS MADE SPARE BY DEMOLITION OF EXISTING/RELOCATED REFRIGERATED CASES. VERIFY LIGHTING CIRCUITS (CONTROLLED BY EMS) ARE RECONNECTED TO LIGHTING LOADS AND ANTI-SWEAT CIRCUITS (CONTROLLED BY ANTI-SWEAT SYSTEM) ARE RECONNECTED TO ANTI-SWEAT LOADS. REUSE EXISTING UNDERSLAB STUBS WHERE POSSIBLE. REUSE EXISTING SENSOR CABLING WHERE POSSIBLE. SEE GENERAL NOTE #4. COORDINATE REQUIREMENTS WITH THE REFRIGERATION CONTRACTOR. RUN CONDUITS OVERHEAD AND DOWN IN WALL OR THROUGH FALSE COLUMN WITH REFRIGERATION PIPING WHERE EXISTING UNDERSLAB STUBS ARE NOT REUSED. FIELD VERIFY EXISTING CONDITIONS AND EXTENT OF WORK. CASES CIRCUITS ARE NOT ALLOWED TO SHARE NEUTRALS.
3. ~~WHERE TOTAL CASE LINEUP LOAD EXCEEDS 16AMPS (LIGHTING) OR 24AMPS (ANTI SWEATS),~~ SPLIT BETWEEN (2) CIRCUITS AS INDICATED. DIVIDE CASE LINEUP AS EVENLY AS POSSIBLE. IF EXISTING CASE LIGHTING CIRCUITRY IS FED FROM A BREAKER LARGER THAN 20AMP OR ANTI-SWEATS CIRCUITRY IS FED FROM A BREAKER LARGER THAN 30AMP, REPLACE THE EXISTING BREAKER WITH A NEW 20AMP (LIGHTING) OR 30AMP (ANTI-SWEAT) TRIP BREAKER OF SIMILAR TYPE AND AIC RATING. FIELD VERIFY EXISTING CONDITIONS AND EXTENT OF WORK.
4. CASE LIGHTING AND UPLIGHTING CIRCUITS TO BE CONTROLLED BY ENERGY MANAGEMENT SYSTEM (LOADS #6, #7 AND #14, SEE E6.04). PROVIDE CONTACTORS IN ENCLOSURE IF REQUIRED. FIELD VERIFY EXISTING.
5. CASE ANTI-SWEAT CIRCUITS TO BE CONTROLLED BY SWEAT-MISER SYSTEM. FIELD VERIFY EXISTING CONDITIONS. PROVIDE AND INSTALL ALL EQUIPMENT NECESSARY. COORDINATE REQUIREMENTS WITH THE REFRIGERATION CONTRACTOR.
6. ~~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.
7. TO INDICATED COMPRESSOR RACK. SEE GENERAL NOTE #1 (FOR MEDIUM TEMP CASES) OR #2 (FOR LOW TEMP CASES).
8. ~~MOUNT JUNCTION BOX ON TOP OF CASE FOR POWER TO NEW RETROFIT DOORS. COORDINATE~~ LOCATION WITH REFRIGERATION CONTRACTOR.

ENVIRONMENTAL CONTROL PANEL CONDUIT SYSTEM

= 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:
   a. SMOKE DETECTORS (SERIES BETWEEN ALL SMOKE DETECTORS)
   b. AHU MOTOR STARTER & AIR PRESSURE SWITCH
   c. A/C SOLENOIDS AND OUTSIDE AIR DAMPER MOTOR
   d. A/C CONDENSING UNIT ON ROOF. SEAL TITE 3'-0" MAXIMUM TO EQUIPMENT
   e. PRODUCE PREP DAMPER MOTOR, SENSOR AND SOLENOID VALVES
   f. HEAT RECLAIM SOLENOID VALVE
   g. DUCT HEATER #1 (AHU #1)
   h. DUCT HEATER #2 (AHU #2)
   i. SALES FLOOR AND FRONT DOOR SENSORS
   j. MAIN AHU DISCHARGE AIR SENSOR LOCATION
   k. MECHANICAL ROOM & GROCERY STAGING SENSORS
   l. RTU-1 & RTU-DB.

MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 19375 ENGINEER KARL A. R. PAGE
08/21/2024
CORPORATE SEAL:

PAGE INTERWORKS, P.A.
ENGINEERS & CONSULTANTS
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332
P.E. BUSINESS FIRM LICENSE #: C-1374
JUNE 30, 2025

REVISIONS

| NO | DATE | REMARKS |
|---|---|---|

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

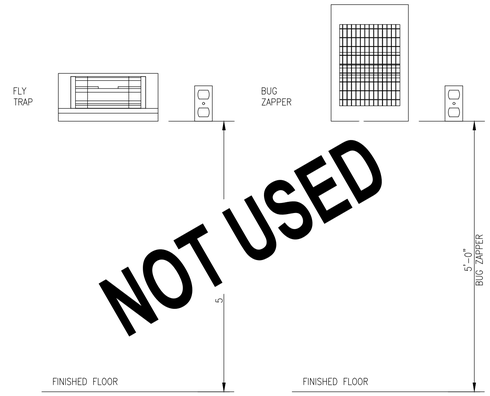
PROJECT NO: 2216FLMK24
DATE: 06/21/2024



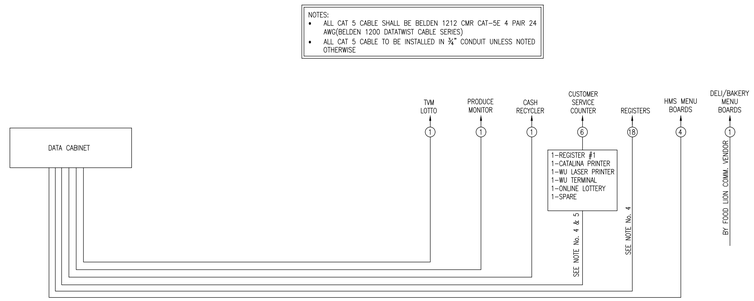
E1.03

ELECTRICAL REFRIGERATION PLAN

CHECKED: DOD DRAWN: AMP




3 E2.01 FLY TRAP / BUG ZAPPER DETAIL
NOT TO SCALE

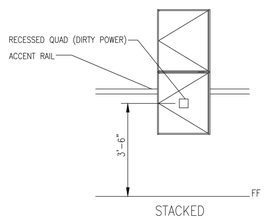



1 E2.01 LEGACY CAT 5E RISER DIAGRAM
NOT TO SCALE

CAT 5 RISER NOTES:
1. (#) CIRCLE INDICATES THE NUMBER OF CABLES, SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED (SEE NOTE #4). CABLE SHALL BE CAT 5 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-5 PVC-COATED UNSHIELDED ETHERNET CABLES PER REGISTER (REGISTER CPU & CATALINA PRINTER); SEE A1.01. COIL 15'-0" OF EXTRA CAT-5 CABLE AT EACH END FOR CONNECTION BY OTHERS.
5. FOOD LION COMMUNICATION VENDOR TO PROVIDE POWER AND CAT-5 CABLES TO ALL CUSTOMER SERVICE COUNTER EQUIPMENT.
6. ELECTRICAL CONTRACTOR TO PROVIDE POWER AND CAT-5 CABLES FOR ALL OTHER FRONT-END SERVICES.
7. 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.
8. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE LOCAL LOTTERY REPRESENTATIVE FOR CORRECT LOCATION OF CAT-5 PULL (TELEPHONE BACKBOARD OR DATA CLOSET/CASH OFFICE).

IMPORTANT EC NOTE:
BEFORE ANY CAT-5 CABLING WORK IS COMPLETED, THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE FOOD LION CONSTRUCTION MANAGER AND NEXGEN.

BIDDING ELECTRICAL CONTRACTOR SHALL PROVIDE SEPARATE LINE ITEM BID FOR CAT-5 WORK.




4 E2.01 COMMUNICATION CABINET DETAIL
NOT TO SCALE




2 E2.01 LEGACY TELEPHONE RISER DIAGRAM
NOT TO SCALE

TELEPHONE RISER NOTES:
1. THE CONDUITS 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 5 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-5 RISER DIAGRAM PRIOR TO BEGINNING WORK TO PREVENT PULLING DUPLICATE OR UNNECESSARY RUNS.
6. ~~FOR PENNSYLVANIA STORES ONLY, THERE SHALL BE (1) CAT-5 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-5 PULL (TELEPHONE BACKBOARD OR DATA CLOSET/CASH OFFICE).

MECKLENBURG COUNTY
CODE ENFORCEMENT

The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 16975 ENGINEER KARL A.R. PAGE

08/21/2024
CORPORATE SEAL:

PAGE
INTERWORKS, P.A.
ENGINEERS & CONSULTANTS
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332
P.C. BUSINESS FIRM #C-1784
JUNE 30, 2025

REVISIONS
NO DATE REMARKS

ahold delhaize USA

FOOD LION
210 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 06/21/2024



E2.01

ELECTRICAL ELEVATIONS & DETAILS

CHECKED: DOD DRAWN: AMP

## PANEL: D

LOCATION: DELI/BAKERY
FED FROM: MDP-2
MOUNTING: FLUSH

VOLTAGE: 208Y/120V, 3-PH, 4-W
MAINS: MAIN LUGS

100% NEUTRAL BUS
GF GFCI TYPE BREAKER
* LOCK ON BREAKER
# SHUNT TRIP BREAKER

| EMS LOAD | COND. SIZE | WIRE SIZE | BREAKER TRIP | BREAKER POLES | DESIGNATION | VOLT-AMPS | CIRCUIT # | PHASE LOAD (VOLT-AMPS) A | B | C | CIRCUIT # | VOLT-AMPS | DESIGNATION | BREAKER TRIP | BREAKER POLES | WIRE SIZE | COND. SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 15 | 3 | SPARE | | 1 | 3843 | | | 2 | 3843 | | | | | | |
| | | | | | | | 3 | | 3843 | | 4 | 3843 | AIR FRYER | 40 | 3 | 6 | 1 | |
| | | 12 | 15 | 2 | REC UNDER SMALL HOOD | | 5 | | | 3843 | 6 | 3843 | | | | | | |
| | | | | | | | 7 | 0 | | | 8 | | | | | | | |
| | | | | | | | 9 | | 0 | | 10 | | HOT CASE | 50 | 3 | 6 | | |
| | | | SPACE ONLY | | | | 11 | | | 0 | 12 | | | | | | | |
| | | 12 | 20 | 1 | SHUNT TRIP CONTROL | | 13 | 0 | | | 14 | | REC BESIDE RACK OVEN | 20 | 1 | 12 | | |
| | | | | | | | 15 | | 0 | | 16 | | SPARE | 40 | 2 | | | |
| | | 6 | 60 | 3 | CHICKEN FRYER SHUNT | | 17 | | | 0 | 18 | | | | | | | |
| | | | | | | | 19 | 5488 | | | 20 | 5488 | COMBITHERM OVEN | 50 # | 3 | 4 | 1 | 4 |
| | 1/2 | 10 | 30 | 2 | CUT FRUIT | 2369 | 21 | | 7857 | | 22 | 5488 | | | | | | |
| | 1/2 | 12 | 20 | 1 | KITCHEN HOOD KH-2 | 2369 | 23 | | | 7857 | 24 | 5488 | SHUNT TRIP | | | | | |
| | 1/2 | 10 | 20 | 1 | A-17 FANS | 500 | 25 | 500 | | | 26 | | | | | | | |
| | 1/2 | 10 | 20 | 1 | A-17 LIGHTS | 621 | 27 | | 7070 | | 28 | 6449 | | | | | | |
| 6 | 1/2 | 12 | 20 | 1 | KH-2 EXHAUST FAN | 242 | 29 | | | 6691 | 30 | 6449 | DISHWASHING MACHINE (1) | 60 GF | 3 | 6 | 1 | |
| | 1/2 | 12 | 20 | 1 | EF-6 | 1656 | 31 | 8105 | | | 32 | 6449 | | | | | | |
| | 1/2 | 10 | 20 | 1 | | 864 | 33 | | 864 | | 34 | | SPACE ONLY | | | | | |
| | | | | | | | 35 | | | 0 | 36 | | HOT WATER HEATER | 70 | 2 | 4 | | |
| | | 8 | 50 | 3 | FRYER | | 37 | 0 | | | 38 | | | | | | | |
| | | | | | | | 39 | | 2832 | | 40 | 2832 | HOT ISLAND | 20 | 1 | 12 | 1/2 | |
| | 1/2 | 12 | 20 | 1 | HMS MONITORS | 720 | 41 | | | 900 | 42 | 180 | SCALE | 20 | 1 | 12 | 1/2 | |
| | | | | | TOTALS PER PHASE: | | | 17936 | 22466 | 19291 | TOTAL CONNECTED LOAD (VA): | | 59693 | | | | | |

NOTES
1. BOLD INDICATES NEW WORK.
2. REMOVE DOUBLE TERMINATION ON BREAKER D-41. SPLICE WIRING IN A JUNCTION BOX ABOVE CEILING. (CRESCENT POST-135)

## PANEL: B

LOCATION: DELI/BAKERY
FED FROM: PANEL D
MOUNTING: FLUSH

VOLTAGE: 208Y/120V, 3-PH, 4-W
MAINS: MAIN LUGS

100% NEUTRAL BUS
* LOCK ON BREAKER
# SHUNT TRIP BREAKER

| EMS LOAD | COND. SIZE | WIRE SIZE | BREAKER TRIP | BREAKER POLES | DESIGNATION | VOLT-AMPS | CIRCUIT # | PHASE LOAD (VOLT-AMPS) A | B | C | CIRCUIT # | VOLT-AMPS | DESIGNATION | BREAKER TRIP | BREAKER POLES | WIRE SIZE | COND. SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 5584 | 1 | 5764 | | | 2 | 180 | MENU BOARD | 20 | 1 | 10 | 1/2 | |
| | 1 | 6 | 60 | 3 | WING BAR | 5584 | 3 | | 5670 | | 4 | 86 | D-5 FANS | 15 | 1 | 10 | 1/2 | |
| | | | | | | 5584 | 5 | | | 5584 | 6 | | RECEPT - ACROSS FROM PANELS | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | LIGHTS-DELI COOLER & FREEZER | | 7 | 0 | | | 8 | | PROMO CASE | 20 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | BREAD SLICER | 864 | 9 | | 864 | | 10 | | LIGHTS-DELI | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | DELI FREEZER HEAT TAPE | | 11 | | | 0 | 12 | | LIGHTS-DELI FRONT | 20 | 1 | 12 | | |
| | | | | | | | 13 | 0 | | | 14 | | SMALL DELI HOOD | 20 | 1 | 12 | | |
| | | 12 | 20 | 3 | DELI HOOD | | 15 | | 0 | | 16 | | DELI COOLER FANS | 20 | 1 | 12 | | |
| | | | | | | | 17 | | | 546 | 18 | 546 | D-5 A/S | 20 | 1 | 10 | 1/2 | |
| | | | 15 | 1 | SPARE | | 19 | 265 | | | 20 | 265 | A-18 FANS | 15 | 1 | 10 | 1/2 | |
| | | 12 | 20 | 1 | LIGHTS-DELI HOOD | | 21 | | 805 | | 22 | 805 | A-18 LIGHTS | 20 | 1 | 10 | 1/2 | 6 |
| | | | 15 | 1 | SPARE | | 23 | | | 207 | 24 | 207 | D-5 LIGHTS | 20 | 1 | 10 | 1/2 | 7 |
| | 1/2 | 12 | 20 | 1 | MANUAL SLICERS | 840 | 25 | 840 | | | 26 | | SLICER | 20 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | SCALE | 180 | 27 | | 180 | | 28 | | BUG ZAPPERS | 20 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | PHOTOCAKE STATION | 360 | 29 | | | 360 | 30 | | SCALE | 15 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | SCALE | 180 | 31 | 180 | | | 32 | | RECPET BY PANELS ABOVE SINK | 15 | 1 | 12 | | |
| 6 | 1/2 | 10 | 15 | 1 | A-15 LIGHTS | 920 | 33 | | 920 | | 34 | | UNKNOWN | 15 | 1 | 12 | | |
| | 1/2 | 10 | 15 | 1 | A-15 FANS | 702 | 35 | | | 702 | 36 | | SPARE | 30 | 1 | | | |
| | | | | | | | 37 | 0 | | | 38 | | UNKNOWN | 20 | 1 | 12 | | |
| | | 6 | 50 | 3 | RTU | | 39 | | 0 | | 40 | | MEAT SLICER | 20 | 1 | 12 | | |
| | | | | | | | 41 | | | 0 | 42 | | WARPPER AND BREAD SLICER | 20 | 1 | 12 | | |
| | | | | | TOTALS PER PHASE: | | | 7049 | 8439 | 7399 | TOTAL CONNECTED LOAD (VA): | | 22887 | | | | | |

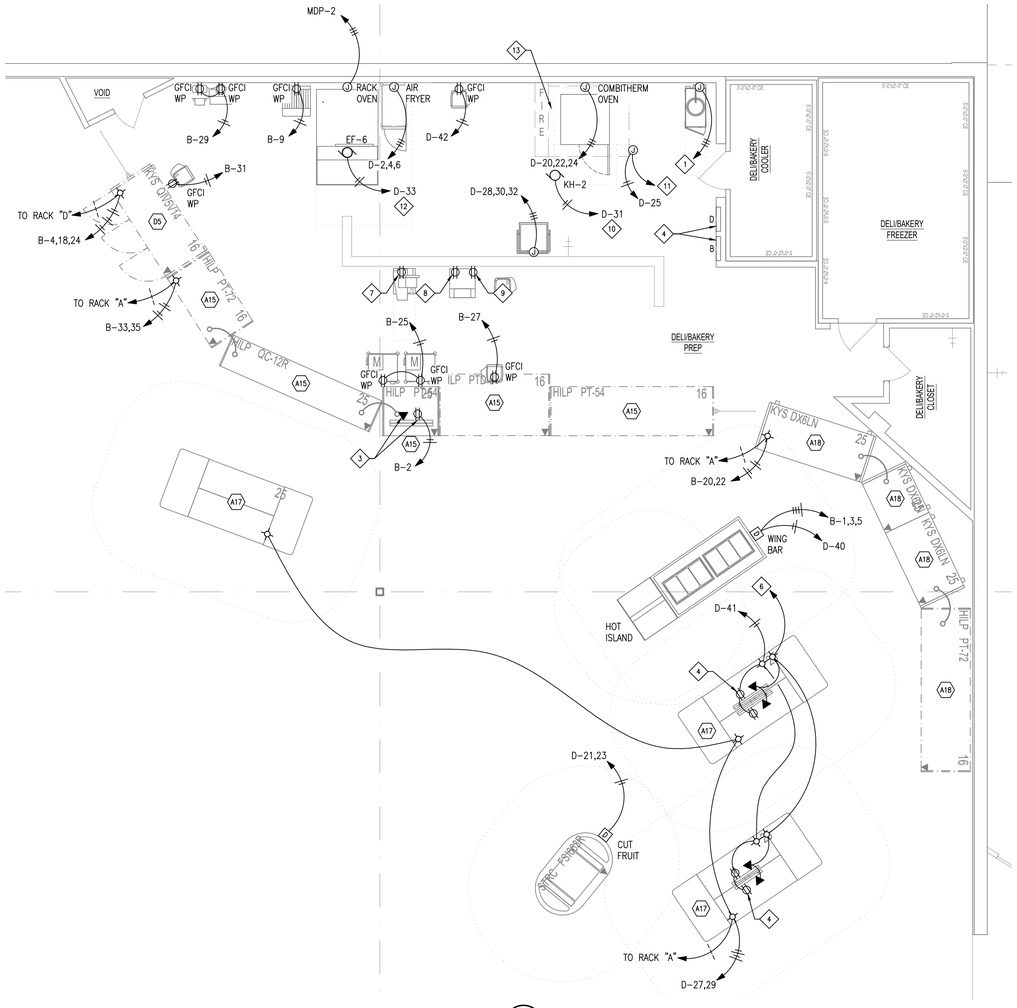
NOTES
1. BOLD INDICATES NEW WORK.
2. REPAIR CIRCUIT B-2. VERIFY BRANCH CIRCUIT REQUIREMENTS PER CONNECT EQUIPMENT NAMEPLATE, AND CORRECT AS NEEDED. PROVIDE #10 AWG OVERHEAD AS NEEDED. (CRESCENT POST-136)
3. REMOVE DOUBLE TERMINATION ON BREAKER B-11. SPLICE WIRING IN A JUNCTION BOX ABOVE CEILING. (CRESCENT POST-135)

### BREAKER LUG SIZES

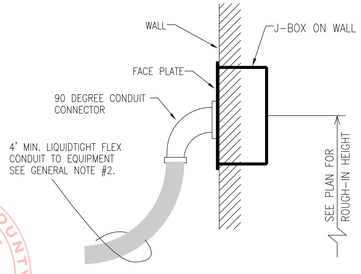
IF CIRCUIT BREAKER LUGS WILL NOT ACCEPT SCHEDULED WIRE SIZE, THEN CONNECT TO BREAKER WITH LARGEST SIZE THAT BREAKER WILL ACCEPT. SPLICE TO SCHEDULED SIZE IN SEPARATE JUNCTION BOX WITHIN 10'-0" OF PANEL.

### PANEL SCHEDULE LABELING

ALL SCHEDULES ARE TO BE 100% ACCURATE, ON CARD STOCK, TYPED, DATED, AND INSTALLED IN A CLEAR POCKET. THE ELECTRICAL CONTRACTOR SHALL GO THROUGH ALL EXISTING PANELS TO TRACE AND VERIFY ALL CIRCUITS FOR ACCURACY. RECEPTACLES AND LIGHTING ARE TO BE LABELED BY AREA/LOCATION. SALES FLOOR LIGHTING CIRCUITS ARE TO INCLUDE ROW NUMBER. CASE CIRCUITS ARE TO REFERENCE REFRIGERATION CIRCUITS. "SPARE" IS A BREAKER WITH NO WIRE. "BLANK" IS AN EMPTY SLOT. ALL WIRED AND ACTIVE BREAKERS SHALL BE PROPERLY SCHEDULED. NOTE: WIRED BREAKERS WITH NO ACTIVE LOAD/DEVICE SHALL BE LABELED AS "SPARE", WITH ENDING LOCATION INDICATED. DO NOT REMOVE EXISTING PANEL SCHEDULES. ELECTRONIC COPIES OF ALL PANEL SCHEDULES ARE REQUIRED AT CLOSEOUT. (CRESCENT POST-114)




1 E4.01 DELI/BAKERY ELECTRICAL PLAN
SCALE: 3/16" = 1'-0"




2 E4.01 POWER CONNECTION DETAIL
NOT TO SCALE

MECKLENBURG COUNTY CODE ENFORCEMENT

The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

### GENERAL NOTES:

1. SEE MECHANICAL DRAWINGS FOR KITCHEN HOOD SCHEDULE. ELECTRICAL CONTRACTOR TO MAKE FINAL CONNECTIONS TO EXHAUST FAN, LIGHT, & SWITCHES.
2. PROVIDE SEAL-TITE FLEX ON ALL DELI/BAKERY EQUIPMENT/CASES: 3 FT. (MIN.) ON FLOOR CIRCUITS AND 4 FT. (MIN.) ON WALL CIRCUITS.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONTROL WIRING FOR SHUNT TRIP SYSTEM AT EXHAUST HOOD AND EQUIPMENT.
4. PROVIDE 1'-0" OF FLEX CONDUIT AND A 2"X4" BOX WITH A DUPLEX RECEPTACLE.
5. (1) 4-CONDUCTOR SHIELDED CABLE (#22 AWG OR LARGER)
   (2) CONDUCTOR (BLACK & WHITE) - FOR TEMPERATURE SENSOR
   (2) CONDUCTOR (RED & GREEN) - FOR DEFROST TERMINATION
6. DIMENSIONS ARE SHOWN FROM INTERIOR SURFACE OF EXTERIOR MASONRY BUILDING WALLS.
7. MOUNT FLY TRAPS AT 5'-0" ABOVE THE FINISHED FLOOR IN THE DELI/BAKERY AND PRODUCE PREP.
8. SEE SHEET E1.02 FOR TELEPOLE INFORMATION.
9. ALL ELECTRICAL WIRING WILL BE DONE IN STRICT ACCORDANCE WITH THE N.E.C. NO COLOR CHANGES IN WIRE RUNS, MISLABELED CIRCUITS, ETC. ALL WIRING SHALL BE DONE IN ACCORDANCE WITH FOOD LION STANDARDS. ONLY NEAT, FIRST QUALITY WORK WILL BE ALLOWED.
10. ALL BRANCH CIRCUIT PANELBOARDS SHALL BE VACUUMED. ALL ELECTRICAL ENCLOSURE COVERS SHALL BE INSTALLED AND ADEQUATELY SECURED TO OBTAIN PROJECT CLOSE OUT.
11. ALL BRANCH CIRCUIT PANELBOARDS, SAFETY DISCONNECTS, ELECTRICAL DISTRIBUTION EQUIPMENT, MAIN BREAKERS, AND MAIN SERVICE DISCONNECTS SHALL BE LABELED WITH PHENOLIC TAGS, BLACK ON WHITE, 1.5" TALL. DISTRIBUTION SECTIONS SHALL BE LABELED ACCORDING TO ARC FLASH LABELS.
12. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL CORRECTED TYPE WRITTEN PANEL SCHEDULES IN ELECTRICAL PANELS, NEW AND EXISTING, AT THE END OF THE PROJECT. HAND WRITTEN SCHEDULES SHALL BE MAINTAINED THROUGHOUT THE PROJECT.
13. SCALES SHALL BE FED FROM A CIRCUIT THAT IS CONTINUOUSLY ENERGIZED (NOT CONTROLLED BY THE ENERGY MGMT SYSTEM)
14. COORDINATE REMOVAL/REPLACEMENT OF REFRIGERATED CASES WITH THE REFRIGERATION CONTRACTOR AND THE FOOD LION CONSTRUCTION MANAGER.
15. REMOVAL/RELOCATION OF ECOLAB FLY TRAPS IS TO BE COORDINATED WITH VENDOR VIA FOOD LION CONSTRUCTION MANAGER. EC TO PROVIDE POWER.

### DELI/BAKERY POWER PLAN KEY NOTES (X)

1. EXISTING EQUIPMENT - RELOCATED. PROVIDE NEW CONNECTION AS REQUIRED AND EXTEND EXISTING CIRCUITRY. FIELD VERIFY CONDITIONS AND EXTENT OF WORK.
2. EXISTING PANEL SCHEDULE IS INCORRECT. RECONNECT CIRCUITS TO RELOCATED EQUIPMENT. SHIFT EXISTING BREAKERS AS REQUIRED TO FIT NEW LOADS IN PANELS.
3. RECEPTACLE AND COMMUNICATION CONNECTION FOR DELI MONITOR MOUNTED IN CEILING TILE. COORDINATE EXACT LOCATION. CAT-5e COMMUNICATION CABLES TO BE PROVIDED BY OTHERS (MACRO).
4. VERIFY MOUNTING WITH FOOD LION CONSTRUCTION MANAGER. MONITORS SHALL BE MOUNTED BACK TO BACK ABOVE HMS CASE. POWER AND DATA SHALL BE RUN IN TWO CONDUITS UNDERSLAB TO UNDER CASE (ONE CONDUIT FOR POWER AND ONE CONDUIT FOR DATA, SEPARATE FROM CASE CONDUITS). DATA SHALL BE CAT-5e CABLES TO COMMUNICATIONS CABINET BY ELECTRICAL CONTRACTOR. TYPICAL FOR BOTH ISLAND HMS CASES.
5. ~~RELOCATE EXISTING TELEPOWER POLE AND CIRCUITING FOR RELOCATED~~ SELF-CONTAINED REFRIGERATED CASE.
6. UNDERGROUND CONDUIT WITH CAT-5E CABLES TO MONITORS ON HMS CASES. SEE 1/E2.01.
7. REUSE EXISTING RECEPTACLE FOR RELOCATED AUTOMATIC SLICER.
8. REUSE EXISTING RECEPTACLE FOR RELOCATED WRAPPER.
9. REUSE EXISTING RECEPTACLE FOR NEW SCALE.
10. CONNECT THROUGH EXHAUST FAN CONTROLLER IN HOOD CONTROL PANEL.
11. CONNECT SHUNT TRIP CIRCUIT FROM HOOD CONTROL PANEL TO SHUNT TRIP CIRCUIT BREAKER FOR COMBITHERM OVEN.
12. CONNECT THROUGH FAN CONTROLLER IN RACK OVEN.
13. SEE SHEET M4.01 FOR HOOD WIRING DIAGRAM.


ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 037575 DARLA R. PAGE
09/11/24

CORPORATE SEAL:

PAGE INTERWORKS, P.A.
ENGINEERS & CONSULTANTS
NC BUSINESS FIRM C-1738
JUNE 30, 2025
928 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332


REVISIONS

| NO | DATE | REMARKS |
|---|---|---|
| 1 | 09/11/24 | INSPECTION COMMENTS |

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

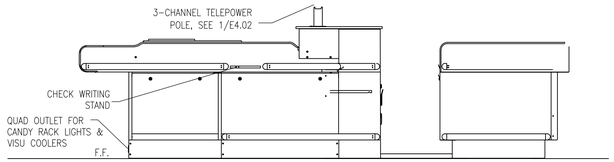
PROJECT NO: 2216FLMK24
DATE: **06/21/2024**

37 OF 44

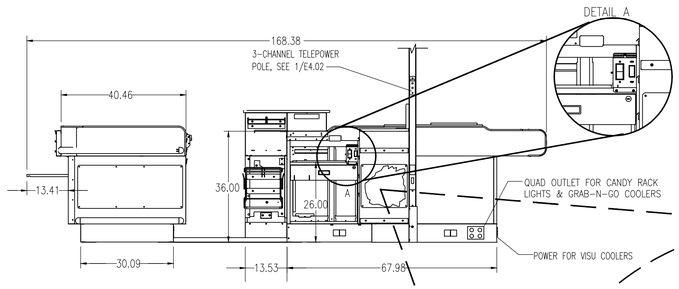
# E4.01

**ENLARGED DELI/BAKERY ELECTRICAL PLAN**

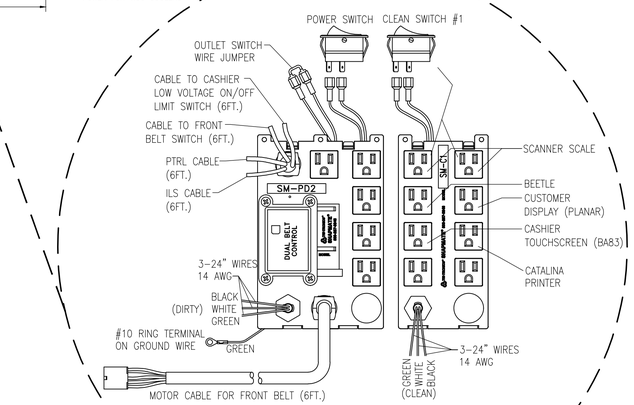
CHECKED: **DOD** DRAWN: **AMP**



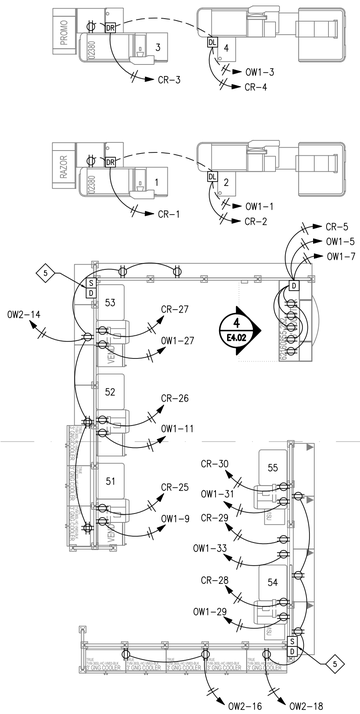

2 E4.02 CUSTOMER SIDE ELECTRICAL ELEVATION
NOT TO SCALE

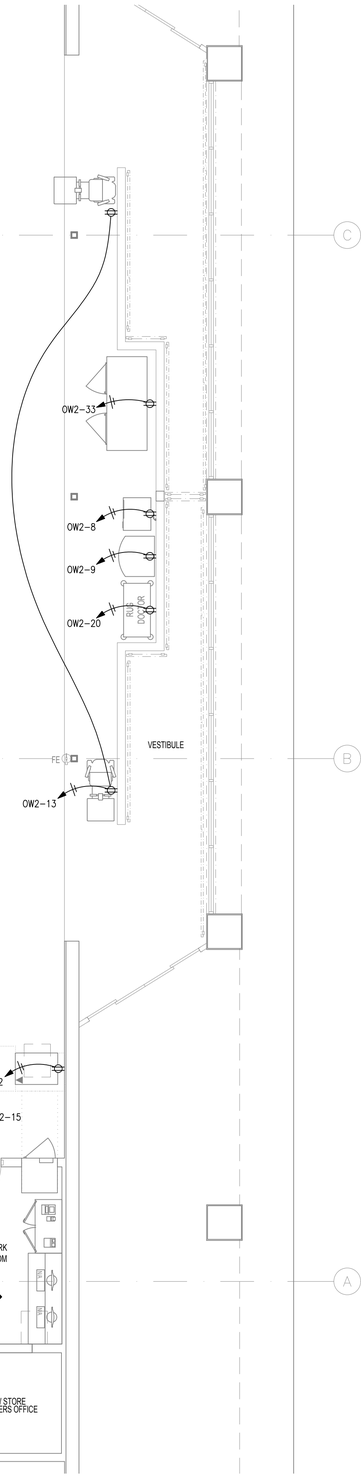



3 E4.02 ASSOCIATE SIDE ELECTRICAL ELEVATION
NOT TO SCALE

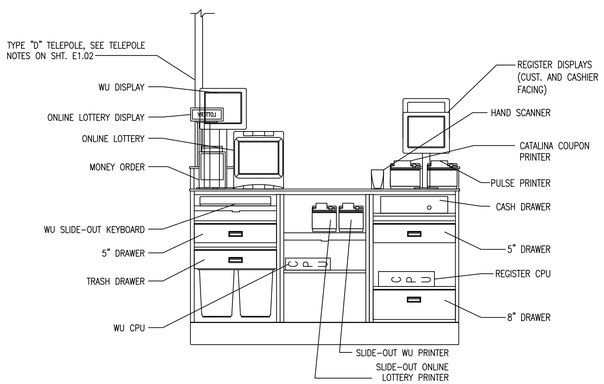



WIRING HARNESS (SUPPLIED WITH CHECKOUT)




1 E4.01 ENLARGED ELECTRICAL POWER PLAN
SCALE: 3/16" = 1'-0"




4 E4.02 CUSTOMER SERVICE KIOSK ELECTRICAL ELEVATION
NOT TO SCALE

## CHECKOUT INSTALLATION NOTES

1. SEE SHEET E4.03 FOR WORKROOM, CUSTOMER SERVICE AND CHECKOUT COMMUNICATION WIRING.
2. MOUNT QUAD OUTLET FLUSH IN THE CHECKOUT STAND FOR THE VISU COOLER(S) AND LED CANDY RACK LIGHTING AT THIS LOCATION. RECEPTACLE TO BE MOUNTED 1'-4" A.F.F. IN THE SIDE NEAREST THE CASHIER AND ACCESSIBLE TO THE VISU COOLER CONNECTION. FACE PLATE TO BE PAINTED TO MATCH CHECKOUT STAND COLOR. COORDINATE LOCATION WITH PRE-WIRED CONTROLS MOUNTED INSIDE THE CHECKOUT.
3. CASH REGISTER CIRCUITS SHALL BE PROVIDED WITH DEDICATED NEUTRAL AND GREEN ISOLATED GROUND.
4. BX CABLES SHALL BE INSTALLED WITH INSULATED THROATS AND APPROVED CONNECTORS.
5. ELECTRICAL CONTRACTOR & FOOD LION COMMUNICATION VENDOR SHALL COORDINATE TELEPOLE LOCATIONS WITH LIGHTING & HVAC PRIOR TO INSTALLATION TO MINIMIZE INSTALLATION CONFLICTS.

## POWER PLAN KEY NOTES

1. EXISTING PANEL SCHEDULE FOR PANELS OW-1, OW-2, AND CR NOT LABELED CORRECTLY. ELECTRICAL CONTRACTOR TO TRACE AND FIELD VERIFY EACH CIRCUIT IN PANEL OW AND PROPERLY LABEL CIRCUITS IN TYPED WRITTEN PANEL SCHEDULE IN PANEL.
2. RELOCATED COMMUNICATION CABINETS – SEE DETAIL 4/E2.01.
3. ~~COORDINATE EXACT LOCATION WITH FOOD LION~~ CONSTRUCTION MANAGER.
4. ~~EXISTING RECEPTACLE TO BE USED FOR RELOCATED MART~~ CART.
5. TELEPOWER POLES FOR POWER AND COMMUNICATIONS WIRING TO OUTLETS IN PARTIAL HEIGHT WALL.
6. ~~REPLACE EXISTING 18-SPACE PANEL CR WITH NEW~~ 30-SPACE PANEL.

MECKLENBURG COUNTY
CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 16975 KARL A.R. PAGE
08/21/2024
CORPORATE SEAL:

PAGE INTERWORKS, P.A.
ENGINEERS & CONSULTANTS
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332
P.C. BUSINESS FIRM #C-1734
JUNE 30, 2025

REVISIONS
NO DATE REMARKS

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion, is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 06/21/2024

38 OF 44

E4.02

CUSTOMER SERVICE, WORKROOM, AND CHECK OUT POWER PLAN

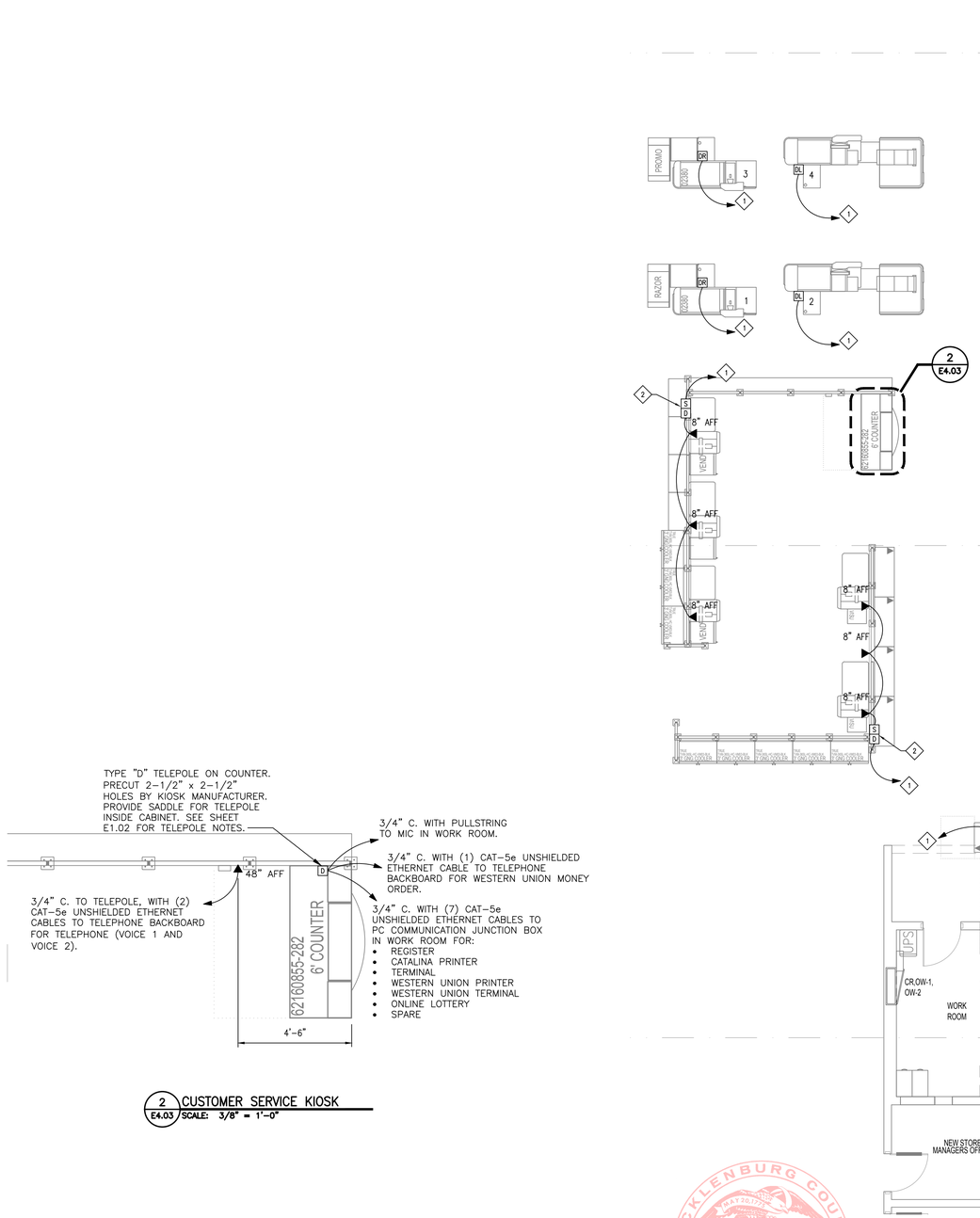
CHECKED: DOD DRAWN: AMP

## GENERAL NOTES

1. ALL CAT-5E CABLE SHALL BE BELDEN 1212 CMR CAT-5E 4 PAIR 24 AWG (BELDEN 1200 DATATWIST CABLE SERIES).
2. ALL CAT 5 CABLE TO BE INSTALLED IN 3/4" CONDUIT UNLESS NOTED OTHERWISE.

## KEY NOTES ⟨X⟩

1. SEE DETAIL 1/E2.01 FOR CAT 5E WIRING REQUIREMENTS.
2. TELEPOWER POLES FOR POWER AND COMMUNICATIONS WIRING TO OUTLETS IN PARTIAL HEIGHT WALL.




1 E4.03 **ENLARGED COMMUNICATION WIRING PLAN**
SCALE: 3/16" = 1'-0"




2 E4.03 **CUSTOMER SERVICE KIOSK**
SCALE: 3/8" = 1'-0"

MECKLENBURG COUNTY
CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 19375 ENGINEER KARL A.R. PAGE

08/21/2024

CORPORATE SEAL:

PAGE INTERWORKS, P.A.
ENGINEERS & CONSULTANTS
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332
NC - BUSINESS FIRM #C-1344
JUNE 30, 2025

REVISIONS
NO DATE REMARKS

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

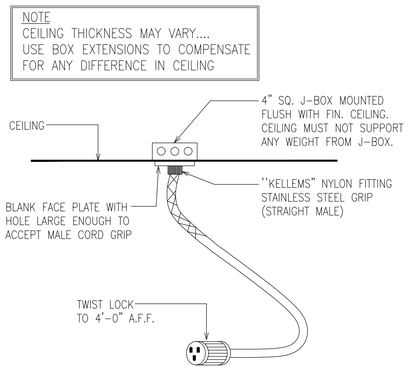
PROJECT NO: 2216FLMK24
DATE: **06/21/2024**

39 OF 44

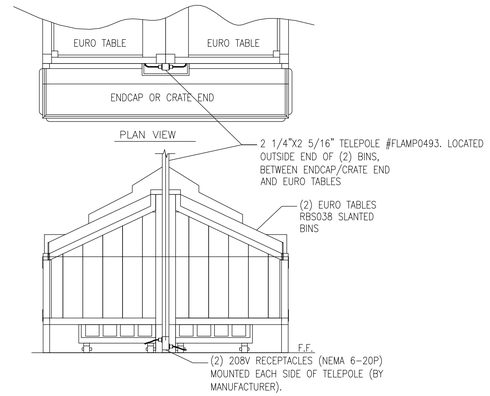
# E4.03

**CUSTOMER SERVICE, WORKROOM, AND CHECK OUT COMMUNICATION PLAN**

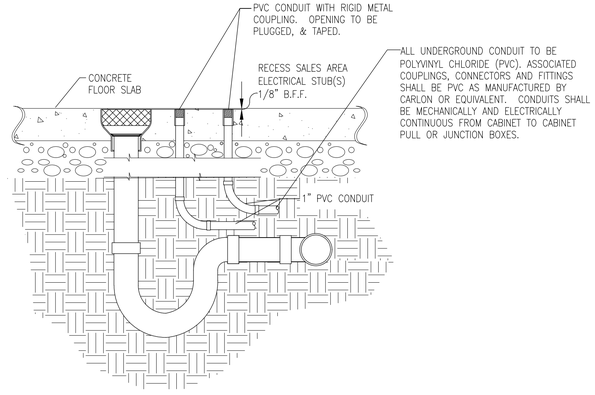
CHECKED: **DOD** DRAWN: **AMP**



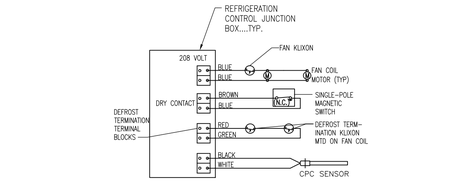

1 HANGING TWIST LOCK DETAIL
E5.01 NOT TO SCALE




2 DUAL PRODUCE SLANT BIN DETAIL
E5.01 NOT TO SCALE




3 SALES FLOOR ELECTRICAL STUBS AT CASES
E5.01 NOT TO SCALE

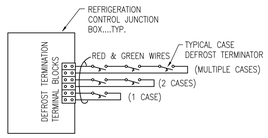



CONTROL WIRING NOTES

1. ( ——— ) INDICATES FIELD WIRING BY THE ELECTRICAL CONTRACTOR.
2. KLIXONS ARE PROVIDED AND MOUNTED BY OTHERS.
3. SENSORS ARE PROVIDED BY OTHERS AND WIRED BY THE ELECTRICAL CONTRACTOR.

NOTE:
INSTALL 6-WIRE SHIELDED CABLE AS FOLLOWS:
INSTALL A RED & GREEN WIRE FOR DEFROST TERMINATION.
INSTALL A BLUE & BROWN WIRE TO THE MAGNETIC SWITCH.
INSTALL A BLACK & WHITE FOR TEMPERATURE SENSOR.
INSTALL 2 #12 AWG BLUE WIRES FOR POWER & FAN CONTROLS
* WIRE CONTROLS IN SERIES AS SHOWN (IF REQUIRED)

4 TYPICAL FREEZER WIRING
E5.01 NOT TO SCALE

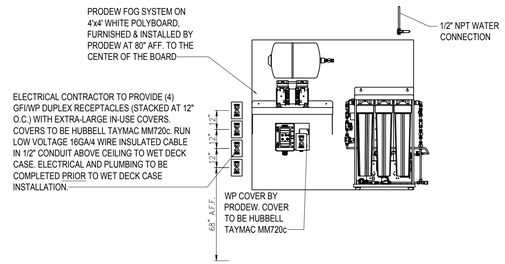



CONTROL WIRING NOTES

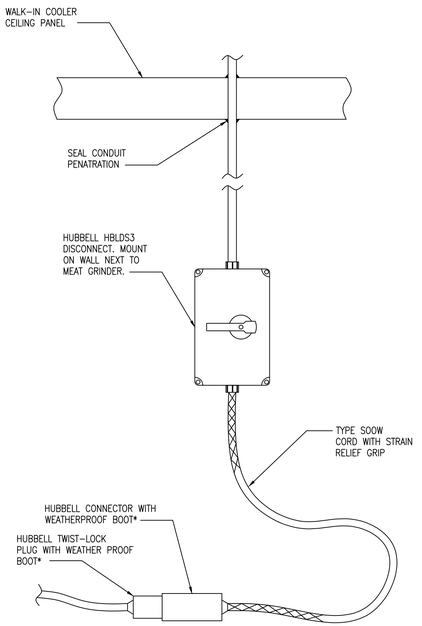
1. ( ——— ) INDICATES FIELD WIRING BY THE ELECTRICAL CONTRACTOR.
2. KLIXONS ARE PROVIDED AND MOUNTED BY OTHERS.
3. SENSORS ARE PROVIDED BY OTHERS AND WIRED BY THE ELECTRICAL CONTRACTOR.

NOTES:
CONNECT CLOSE ON RISE TERMINATION CONTROL BETWEEN TERMINAL BLOCKS. IF MORE THAN ONE CASE, WIRE CONTROLS IN SERIES.

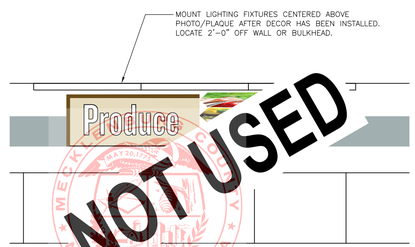
5 TYPICAL CASE CONTROL WIRING
E5.01 NOT TO SCALE




6 FOG SYSTEM DETAIL
E5.01 NOT TO SCALE




7 MEAT GRINDER CONNECTION DETAIL
E5.01 NOT TO SCALE




8 DEPARTMENT SIGN LIGHTING
E5.01 NOT TO SCALE

CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 19375 ENGINEER KARL A.R. PAGE

08/21/2024
CORPORATE SEAL:

PAGE
ENGINEERS & CONSULTANTS
INTERWORKS, P.A.
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 334-667-4225 FAX: 334-667-4332
P.C. BUSINESS FIRM #C-1594
JUNE 30, 2025

REVISIONS
NO DATE REMARKS

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

FOOD LION REMODEL
STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 06/21/2024



E5.01

ELECTRICAL DETAILS

CHECKED: DOD DRAWN: AMP

## PANEL: LA

LOCATION: MECHANICAL ROOM
FED FROM: MDP-2
MOUNTING: SURFACE

VOLTAGE: 208Y/120V, 3-PH, 4-W
MAINS: MAIN LUGS

100% NEUTRAL BUS
* LOCK ON BREAKER
# SHUNT TRIP BREAKER

| EMS LOAD | COND. SIZE | WIRE SIZE | BREAKER TRIP | BREAKER POLES | DESIGNATION | VOLT-AMPS | CIRCUIT # | PHASE LOAD (VOLT-AMPS) A | B | C | CIRCUIT # | VOLT-AMPS | DESIGNATION | BREAKER TRIP | BREAKER POLES | WIRE SIZE | COND. SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10 | 20 | 1 | SPARE | | 1 | 0 | | | 2 | | SALES AREA LT ROW 14 | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES AREA LT ROW 5 | | 3 | | 0 | | 4 | | SALES AREA LT ROW 14 | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES AREA LT ROW 5 | | 5 | | | 0 | 6 | | SPARE | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES AREA LT ROW 7 | | 7 | 0 | | | 8 | | SALES AREA LT ROW 2 | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES AREA LT ROW 7 | | 9 | | 0 | | 10 | | SALES AREA LT ROW 6 | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES AREA LT ROW 9 | | 11 | | | 0 | 12 | | SALES AREA LT ROW 6 | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES AREA LT ROW 9 | | 13 | 0 | | | 14 | | SALES AREA LT ROW 8 | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES ARE LT ROW 11 | | 15 | | 0 | | 16 | | SALES AREA LT ROW 8 | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES ARE LT ROW 11 | | 17 | | | 0 | 18 | | SALES AREA LT ROW 10 | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES AREA LT ROW 13 | | 19 | 0 | | | 20 | | SALES AREA LT ROW 10 | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES AREA LT ROW 13 | | 21 | | 0 | | 22 | | SALES AREA LT ROW 12 | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES AREA LT ROW 3 | | 23 | | | 0 | 24 | | SALES AREA LT ROW 12 | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES AREA LT ROW 3 | | 25 | 0 | | | 26 | | UNKNOWN | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES AREA LT ROW 15 | | 27 | | 0 | | 28 | | LEFT WALL ACCENT LTS | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES AREA LT ROW 15 | | 29 | | | 0 | 30 | | SALES AREA LT ROW 16 | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES AREA LT ROW 1 | | 31 | 0 | | | 32 | | SALES AREA LT ROW 16 | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | UNKNOWN | | 33 | | 0 | | 34 | | UNKNOWN | 20 | 1 | 12 | | |
| | | | 20 | 1 | SPARE | | 35 | | | 0 | 36 | | SPARE | 20 | 1 | 12 | | |
| | | 10 | 20 | 1 | SPARE | | 37 | 0 | | | 38 | | SPARE | 20 | 1 | 12 | | |
| | | 10 | 20 | 1 | SALES AREA LT ROW 4 | | 39 | | 0 | | 40 | | PROD. DOWN LTS | 20 | 1 | 10 | | |
| | | 10 | 20 | 1 | SALES AREA LT ROW 4 | | 41 | | | 0 | 42 | | DELI 2X4 LTS | 20 | 1 | 10 | | |
| | | | | | TOTALS PER PHASE: | | | 0 | 0 | 0 | | | TOTAL CONNECTED LOAD (VA): | 0 | | | | |

NOTES
1. BOLD INDICATES NEW WORK.

## PANEL: LB

LOCATION: MECHANICAL ROOM
FED FROM: MDP-2
MOUNTING: SURFACE

VOLTAGE: 208Y/120V, 3-PH, 4-W
MAINS: MAIN LUGS

100% NEUTRAL BUS
* LOCK ON BREAKER
# SHUNT TRIP BREAKER

| EMS LOAD | COND. SIZE | WIRE SIZE | BREAKER TRIP | BREAKER POLES | DESIGNATION | VOLT-AMPS | CIRCUIT # | PHASE LOAD (VOLT-AMPS) A | B | C | CIRCUIT # | VOLT-AMPS | DESIGNATION | BREAKER TRIP | BREAKER POLES | WIRE SIZE | COND. SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 12 | 20 | 1 | LITS OVER BAILER BUG ZAPPER BETWEEN BAY DOOR | | 1 | 0 | | | 2 | | BACKROOM LIGHTS | 20 | 1 | 12 | | |
| | | 10 | 20 | 1 | SPARE | | 3 | | 0 | | 4 | | SPARE | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | DK'S OFFICE,MENS, WOMENS RR & CORR. | | 5 | | | 0 | 6 | | MEAT PREP LTS | 20 | 1 | 12 | | |
| 1 | 1/2 | 12 | 20 | 1 | **PRODUCE TRELLIS** | 600 | 7 | 600 | | | 8 | | MEAT PREP LTS | 20 | 1 | 12 | | |
| 1 | 1/2 | 12 | 20 | 1 | **PRODUCE TRELLIS** | 600 | 9 | | 600 | | 10 | | PRODUCE PREP LTS | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | JANITOR ROOM & MECH RM LIGHTS | | 11 | | | 0 | 12 | | PRODUCE PREP LTS | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | RESTROOM FANS | | 13 | 0 | | | 14 | | REC IN DIRECTORS OFFICE | 20 | 1 | 12 | | |
| 1 | 1/2 | 12 | 20 | 1 | **PRODUCE SALES LIGHTS** | 350 | 15 | | 350 | | 16 | | RR RM CORR. REC & WATER FOUNTAIN | 30 | 1 | 10 | | |
| 14 | 1/2 | 12 | 20 | 1 | **PRODUCE CASE UPLIGHTS** | 336 | 17 | | | 336 | 18 | | CANOPY LIGHTS ABOVE CARTS | 20 | 1 | 12 | | |
| | | 10 | 20 | 1 | DOOR CANOPY LTS RIGHT | | 19 | 0 | | | 20 | | SPARE | 15 | 1 | | | |
| | | 10 | 20 | 1 | FRONT CANOPY LTS RIGHT | | 21 | | 180 | | 22 | 180 | **AUTOMATIC FLUSH VALVE** | 20 | 1 | 10 | 1/2 | |
| | | 10 | 20 | 1 | FRONT CANOPY LTS LEFT | | 23 | | | 0 | 24 | | REC BY BAILER,BUG ZAPPER,/TRAIN, RM | 20 | 1 | 12 | | |
| | | 12 | 20 | 2 | LARGE BERRY CART | | 25 | 0 | | | 26 | | SPARE | 20 | 1 | | | |
| | | | | | | | 27 | | 0 | | 28 | | REC OUTSIDE PRODUCE PREP | 20 | 1 | 12 | | |
| | | 12 | 20 | 2 | LARGE BERRY CART | | 29 | | | 0 | 30 | | SPARE | 20 | 1 | 12 | | |
| | | | | | | | 31 | 0 | | | 32 | | PRODUCE PREP REC | 20 | 1 | 12 | | |
| 14 | 1/2 | 12 | 20 | 1 | **DELI/BAKERY SALES CASE UPLIGHTS** | 90 | 33 | | 90 | | 34 | | SPARE | 20 | 1 | 12 | | |
| 3 | 1/2 | 12 | 20 | 1 | **EXTERIOR SCONCE** | 42 | 35 | | | 42 | 36 | | MEAT PREP REC | 20 | 1 | 12 | | |
| 5 | 1/2 | 10 | 20 | 1 | **STORE SIGN** | 1200 | 37 | 1200 | | | 38 | | MEAT PREP REC | 20 | 1 | 12 | | |
| 1 | 1/2 | 12 | 20 | 1 | **DELI/BAKERY SALES CASE** | 528 | 39 | | 528 | | 40 | | SPARE | 20 | 1 | 12 | | |
| | | | 20 | 1 | SPARE | | 41 | | | 0 | 42 | | EM LIGHTS BACK ROOM | 20 | 1 | 10 | | |
| | | | | | TOTALS PER PHASE: | | | 1800 | 1748 | 378 | | | TOTAL CONNECTED LOAD (VA): | 3926 | | | | |

NOTES
1. BOLD INDICATES NEW WORK.
2. REPAIR CIRCUIT LB-16. VERIFY BRANCH CIRCUIT REQUIREMENTS PER CONNECT EQUIPMENT NAMEPLATE, AND CORRECT AS NEEDED. PROVIDE #10 AWG OVERHEAD AS NEEDED. (CRESCENT POST-136)

## PANEL: LC

LOCATION: MECHANICAL ROOM
FED FROM: MDP-2
MOUNTING: SURFACE

VOLTAGE: 208Y/120V, 3-PH, 4-W
MAINS: MAIN LUGS

100% NEUTRAL BUS
* LOCK ON BREAKER
# SHUNT TRIP BREAKER

| EMS LOAD | COND. SIZE | WIRE SIZE | BREAKER TRIP | BREAKER POLES | DESIGNATION | VOLT-AMPS | CIRCUIT # | PHASE LOAD (VOLT-AMPS) A | B | C | CIRCUIT # | VOLT-AMPS | DESIGNATION | BREAKER TRIP | BREAKER POLES | WIRE SIZE | COND. SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4 | 60 | 3 | BAILER | | 1 | 0 | | | 2 | | ROOF REC | 20 | 1 | 10 | | |
| | | | | | | | 3 | | 0 | | 4 | | LARGE BERRY CASE | 20 | 2 | 12 | | |
| | | | | | | | 5 | | | 0 | 6 | | | | | | | |
| | | 6 | 40 | 3 | GRINDER | | 7 | 0 | | | 8 | | SPARE | 20 | 1 | | | |
| | | | | | | | 9 | | 0 | | 10 | | MEAT PREP EVAPORATORS | 20 | 1 | 12 | | |
| | | | | | | | 11 | | | 575 | 12 | 575 | **D-2 FANS** | 20 | 1 | 10 | 1/2 | |
| | | | | | | | 13 | 0 | | | 14 | | SPARE | 15 | 1 | 10 | | |
| | | 10 | 20 | 3 | MEAT SAW | | 15 | | 0 | | 16 | | REC FOR HEAT TAPE IN MEAT FRZ | 30 | 1 | 10 | | |
| | | | | | | | 17 | | | 0 | 18 | | PROD PREP FANS WRAPPER OUTLET | 30 | 1 | 12 | | |
| 1/2 | 12 | 12 | 20 | 1 | **WRAPPER** | 180 | 19 | 180 | | | 20 | | MEAT PREP WRAPPER OUTLET | 15 | 1 | 12 | | |
| 1/2 | 12 | 12 | 20 | 1 | **WRAPPER** | 180 | 21 | | 180 | | 22 | | PRODUCE COOLER FANS | 20 | 1 | 12 | | |
| | | | | | | | 23 | | | 1771 | 24 | 1771 | **D-2 A/S** | 30 | 1 | 10 | 1/2 | |
| | | 10 | 20 | 2 | BACKROOM HEATER | | 25 | 0 | | | 26 | | GAS DUCT FURNACE 9234 | 50 | 1 | 12 | | |
| | | 12 | 20 | 1 | UNKNOWN | | 27 | | 900 | | 28 | 900 | **PRODUCE MISTING OUTLET** | 20 | 1 | 12 | 1/2 | |
| | | 12 | 20 | 1 | UNKNOWN | | 29 | | | 0 | 30 | | FROZEN FOOD WALK IN DOOR HEATER | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | UNKNOWN | | 31 | 1449 | | | 32 | 1449 | **D-2 LIGHTS** | 20 | 1 | 10 | 1/2 | 7 |
| 1/2 | 12 | 12 | 20 | 1 | **SCALES** | 360 | 33 | | 360 | | 34 | | BACK TO BACK FANS 8111, 8110, 89 | 30 | 1 | 10 | | |
| | | 12 | 20 | 1 | UPLIGHTS MEATS | | 35 | | | 0 | 36 | | BATHROOM WATER HEATER | 15 | 1 | 12 | | |
| | | 12 | 20 | 1 | SMALL BERRY CASE | | 37 | 540 | | | 38 | 540 | **PROMO RECEPTACLES** | 30 | 1 | 12 | 1/2 | |
| | | | | | | | 39 | | 0 | | 40 | | SPACE ONLY | | | | | |
| | | 12 | 20 | 2 | LARGE BERRY CASE | | 41 | | | 180 | 42 | 180 | **PRODUCE MONITOR** | 20 | 1 | 10 | 1/2 | |
| | | | | | TOTALS PER PHASE: | | | 2169 | 1440 | 2526 | | | TOTAL CONNECTED LOAD (VA): | 6135 | | | | |

NOTES
1. BOLD INDICATES NEW WORK.
2. REPAIR CIRCUIT LC-16. VERIFY BRANCH CIRCUIT REQUIREMENTS PER CONNECT EQUIPMENT NAMEPLATE, AND CORRECT AS NEEDED. PROVIDE #10 AWG OVERHEAD AS NEEDED. (CRESCENT POST-136)

## PANEL SCHEDULE LABELING

ALL SCHEDULES ARE TO BE 100% ACCURATE, ON CARD STOCK, TYPED, DATED, AND INSTALLED IN A CLEAR POCKET. THE ELECTRICAL CONTRACTOR SHALL GO THROUGH ALL EXISTING PANELS TO TRACE AND VERIFY ALL CIRCUITS FOR ACCURACY. RECEPTACLES AND LIGHTING ARE TO BE LABELED BY AREA/LOCATION. SALES FLOOR LIGHTING CIRCUITS ARE TO INCLUDE ROW NUMBER. CASE CIRCUITS ARE TO REFERENCE REFRIGERATION CIRCUITS. "SPARE" IS A BREAKER WITH NO WIRE. "BLANK" IS AN EMPTY SLOT. ALL WIRED AND ACTIVE BREAKERS SHALL BE PROPERLY SCHEDULED. NOTE: WIRED BREAKERS WITH NO ACTIVE LOAD/DEVICE SHALL BE LABELED AS "SPARE", WITH ENDING LOCATION INDICATED. DO NOT REMOVE EXISTING PANEL SCHEDULES. ELECTRONIC COPIES OF ALL PANEL SCHEDULES ARE REQUIRED AT CLOSEOUT. (CRESCENT POST-114)

## BREAKER LUG SIZES

IF CIRCUIT BREAKER LUGS WILL NOT ACCEPT SCHEDULED WIRE SIZE, THEN CONNECT TO BREAKER WITH LARGEST SIZE THAT BREAKER WILL ACCEPT. SPLICE TO SCHEDULED SIZE IN SEPARATE JUNCTION BOX WITHIN 10'-0" OF PANEL.

## PANEL: PA

LOCATION: MECHANICAL ROOM
FED FROM: MDP-2
MOUNTING: SURFACE

VOLTAGE: 208Y/120V, 3-PH, 4-W
MAINS: MAIN LUGS

100% NEUTRAL BUS
* LOCK ON BREAKER
# SHUNT TRIP BREAKER

| EMS LOAD | COND. SIZE | WIRE SIZE | BREAKER TRIP | BREAKER POLES | DESIGNATION | VOLT-AMPS | CIRCUIT # | PHASE LOAD (VOLT-AMPS) A | B | C | CIRCUIT # | VOLT-AMPS | DESIGNATION | BREAKER TRIP | BREAKER POLES | WIRE SIZE | COND. SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/2 | 10 | 15 | 1 | **A-13 FANS** | 178 | 1 | 178 | | | 2 | | A-12 LIGHTS | 15 | 1 | 10 | | |
| 6 | 1/2 | 10 | 15 | 1 | **A-13 LIGHTS** | 607 | 3 | | 607 | | 4 | | A-12 FANS | 15 | 1 | 12 | | |
| 7 | 1/2 | 10 | 15 | 1 | **D-3 LIGHTS** | 1484 | 5 | | | 2119 | 6 | 635 | **D-10 FANS** | 15 | 1 | 10 | 1/2 | |
| | 1/2 | 10 | 30 | 1 | **D-3 A/S** | 2036 | 7 | 2036 | | | 8 | | **SPARE** | 15 | 1 | | | |
| | | 12 | 20 | 1 | SPARE | | 9 | | 914 | | 10 | 914 | **D-10 LIGHTS** | 15 | 1 | 10 | 1/2 | 6 |
| | | 10 | 15 | 1 | D-9 FANS | | 11 | | | 0 | 12 | | D-7 LIGHTS | 15 | 1 | 12 | | |
| | | 10 | 15 | 1 | D-9 LIGHTS | | 13 | 0 | | | 14 | | D-7 FANS | 15 | 1 | 12 | | |
| | | 10 | 15 | 1 | B-10 LIGHTS | | 15 | | 0 | | 16 | | SPARE | 15 | 1 | | | |
| | | 10 | 15 | 1 | B-10 FANS | | 17 | | | 702 | 18 | 702 | **D-3 FANS** | 20 | 1 | 10 | 1/2 | |
| | | 12 | 15 | 2 | DISTRICT MANAGERS HEAT A/C & OFFICE | | 19 | 587 | | | 20 | 587 | **A-21 FANS** | 15 | 1 | 10 | 1/2 | |
| | | | | | | | 21 | | 460 | | 22 | 460 | **A-21 LIGHTS** | 15 | 1 | 10 | 1/2 | 6 |
| | | 10 | 20 | 1 | B-10 A/S | | 23 | | | 0 | 24 | | ELUSSIONS | 20 | 3 | 12 | | |
| 6 | 1/2 | 10 | 15 | 1 | **A-2 LIGHTS** | 679 | 25 | 679 | | | 26 | | | | | | | |
| | 1/2 | 10 | 20 | 1 | **A-2 FANS** | 564 | 27 | | 564 | | 28 | | | | | | | |
| | | 10 | 15 | 1 | A-3 LIGHTS | | 29 | | | 0 | 30 | | D-11 LIGHTS | 15 | 1 | 10 | | |
| | | 10 | 15 | 1 | A-3 FANS | | 31 | 0 | | | 32 | | D-11 ANTI SWEAT | 20 | 1 | 10 | | |
| | 1/2 | 10 | 20 | 1 | **A-2 A/S** | 483 | 33 | | 483 | | 34 | | ROOF FAN MECH ROOM | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | SPARE | | 35 | | | 0 | 36 | | D-11 FANS | 15 | 1 | 12 | | |
| | | 12 | 20 | 1 | PET FOOD CHILLER | | 37 | 207 | | | 38 | 207 | **D-4 FANS** | 15 | 1 | 10 | 1/2 | |
| | | 10 | 15 | 1 | A-1 LIGHTS | | 39 | | 400 | | 40 | 400 | **D-4 A/S** | 15 | 1 | 10 | 1/2 | |
| | | 10 | 15 | 1 | A-1 FANS | | 41 | | | 0 | 42 | | SPARE | 15 | | | | |
| | | | | | TOTALS PER PHASE: | | | 3687 | 3428 | 2821 | | | TOTAL CONNECTED LOAD (VA): | 9936 | | | | |

NOTES
1. BOLD INDICATES NEW WORK.

## PANEL: PB

LOCATION: MECHANICAL ROOM
FED FROM: MDP-2
MOUNTING: SURFACE

VOLTAGE: 208Y/120V, 3-PH, 4-W
MAINS: MAIN LUGS

100% NEUTRAL BUS
* LOCK ON BREAKER
# SHUNT TRIP BREAKER

| EMS LOAD | COND. SIZE | WIRE SIZE | BREAKER TRIP | BREAKER POLES | DESIGNATION | VOLT-AMPS | CIRCUIT # | PHASE LOAD (VOLT-AMPS) A | B | C | CIRCUIT # | VOLT-AMPS | DESIGNATION | BREAKER TRIP | BREAKER POLES | WIRE SIZE | COND. SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10 | 30 | 1 | B-6 A/S | | 1 | 0 | | | 2 | | B-8 FANS | 15 | 1 | 10 | | |
| | | 10 | 15 | 1 | B-6 LIGHTS | | 3 | | 0 | | 4 | | B-8 LIGHTS | 30 | 1 | 10 | | |
| | | 10 | 30 | 1 | B-6 LIGHTS | | 5 | | | 0 | 6 | | B-9 A/S | 30 | 1 | 10 | | |
| | | 10 | 15 | 1 | B-7 FANS | | 7 | 0 | | | 8 | | B-9 A/S | 30 | 1 | 10 | | |
| | | 10 | 20 | 1 | B-7 A/S | | 9 | | 0 | | 10 | | B-9 FANS | 15 | 1 | 10 | | |
| | | 10 | 15 | 1 | B-7 LIGHTS | | 11 | | | 0 | 12 | | B-9 LIGHTS | 30 | 1 | 10 | | |
| | | 12 | 20 | 1 | HAND DRYER WOMENS BATH | | 13 | 0 | | | 14 | | B-11 LIGHTS | 20 | 1 | 10 | | |
| | | 12 | 20 | 1 | HAND DRYER MENS BATH | | 15 | | 0 | | 16 | | B-11 A/S | 20 | 1 | 10 | | |
| | | | | | | | 17 | | | 0 | 18 | | B-11 FANS | 15 | 1 | 10 | | |
| | | 12 | 20 | 3 | MECHANICAL ROOM EXH | | 18 | 1346 | | | 20 | 1346 | **D-1 A/S** | 20 | 1 | 10 | 1/2 | |
| | | | | | | | 21 | | 702 | | 22 | 702 | **D-1 LIGHTS** | 15 | 1 | 10 | 1/2 | 7 |
| | | | | | | | 23 | | | 426 | 24 | 426 | **D-1 FANS** | 15 | 1 | 10 | 1/2 | |
| | | 12 | 20 | 3 | MECHANICAL ROOM SUPPLY FAN | | 25 | 0 | | | 26 | | B-12 FANS | 20 | 1 | 10 | | |
| | | | | | | | 27 | | 0 | | 28 | | B-12 LIGHTS | 15 | 1 | 10 | | |
| | | 12 | 20 | 1 | REC ON COLUMN BY WINE | | 29 | | | 0 | 30 | | B-12 A/S | 20 | 1 | 10 | | |
| | | | 20 | | SPARE | | 31 | 0 | | | 32 | | B-14 FANS | 20 | 1 | 10 | | |
| | | 12 | 20 | 1 | REC ACROSS FROM EM EXIT IN BATH HALL | | 33 | | 0 | | 34 | | B-14 LIGHTS | 20 | 1 | 12 | | |
| 1/2 | 1/2 | 10 | 20 | 1 | **D-8 FANS** | 69 | 35 | | | 69 | 36 | | B-14 A/S | 15 | 1 | 10 | | |
| 6 | 1/2 | 10 | 20 | 1 | **D-8 LIGHTS** | 375 | 37 | 375 | | | 38 | | B-15 FANS | 15 | 1 | 10 | | |
| | 1/2 | 10 | 20 | 1 | **D-8 A/S** | 350 | 39 | | 350 | | 40 | | B-15 LIGHTS | 20 | 1 | 10 | | |
| | | 12 | 20 | 1 | DSD COUNTER REC | | 41 | | | 0 | 42 | | B-15 A/S | 20 | 1 | 10 | | |
| | | | | | TOTALS PER PHASE: | | | 1721 | 1052 | 495 | | | TOTAL CONNECTED LOAD (VA): | 3268 | | | | |

NOTES
1. BOLD INDICATES NEW WORK.

## PANEL: E

LOCATION: MECHANICAL ROOM
FED FROM: MDP-2
MOUNTING: SURFACE

VOLTAGE: 208Y/120V, 3-PH, 4-W
MAINS: MAIN LUGS

100% NEUTRAL BUS
* LOCK ON BREAKER
# SHUNT TRIP BREAKER

| EMS LOAD | COND. SIZE | WIRE SIZE | BREAKER TRIP | BREAKER POLES | DESIGNATION | VOLT-AMPS | CIRCUIT # | PHASE LOAD (VOLT-AMPS) A | B | C | CIRCUIT # | VOLT-AMPS | DESIGNATION | BREAKER TRIP | BREAKER POLES | WIRE SIZE | COND. SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 12 | 20 | 1 | BURGLAR ALARM | | 1 | 0 | | | 2 | | MEAT PREP SCALE | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | TELEPHONE BACKBOARD | | 3 | | 0 | | 4 | | PROD PREP SCALE | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | TELEPHONE BACKBOARD | | 5 | | | 0 | 6 | | HVAC 120 CONTROL | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | EMCS/ADT/ASHC | | 7 | 0 | | | 8 | | CONTROL FOR LIGHTS | 20 | 1 | 12 | | |
| | | | 20 | 1 | SPARE | | 9 | | 0 | | 10 | | CONTROL FOR LIGHTS | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | FIRE ALARM | | 11 | | | 0 | 12 | | CONTROL FOR LIGHTS | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | ROOF LADDER ACCEPT | | 13 | 0 | | | 14 | | SPARE | 20 | 1 | | | |
| | | | 20 | 1 | SPARE | | 15 | | 0 | | 16 | | SPARE | 20 | 1 | | | |
| | | | 20 | 1 | SPARE | | 17 | | | 0 | 18 | | SPARE | 20 | 1 | | | |
| | | | 20 | 1 | SPARE | | 19 | 0 | | | 20 | | SPARE | 20 | 1 | | | |
| | | | 20 | 1 | SPARE | | 21 | | 0 | | 22 | | SPARE | 20 | 1 | | | |
| | | | 20 | 1 | SPARE | | 23 | | | 0 | 24 | | SPARE | 20 | 1 | | | |
| | | | | | TOTALS PER PHASE: | | | 0 | 0 | 0 | | | TOTAL CONNECTED LOAD (VA): | 0 | | | | |

NOTES
1. BOLD INDICATES NEW WORK.

MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

## PANEL: OW-1

LOCATION: WORK ROOM
FED FROM: OW-2
MOUNTING: FLUSH

VOLTAGE: 208Y/120V, 3-PH, 4-W
MAINS: MAIN LUGS

100% NEUTRAL BUS
* LOCK ON BREAKER
# SHUNT TRIP BREAKER

| EMS LOAD | COND. SIZE | WIRE SIZE | BREAKER TRIP | BREAKER POLES | DESIGNATION | VOLT-AMPS | CIRCUIT # | PHASE LOAD (VOLT-AMPS) A | B | C | CIRCUIT # | VOLT-AMPS | DESIGNATION | BREAKER TRIP | BREAKER POLES | WIRE SIZE | COND. SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/2 | 12 | 20 | 1 | **CHECKOUT 1 & 2** | 1020 | 1 | 1020 | | | 2 | | TA REC | 20 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | **CHECKOUT 3 & 4** | 1020 | 3 | | 1020 | | 4 | | SPARE | 20 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | **CUSTOMER SERVICE COUNTER** | 360 | 5 | | | 360 | 6 | | SPARE | 20 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | **CUSTOMER SERVICE COUNTER** | 360 | 7 | 360 | | | 8 | | SPARE | 20 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | **GRAB-N-GO COOLER** | 400 | 9 | | 400 | | 10 | | REC OUTSIDE CASH OFFICE | 20 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | **GRAB-N-GO COOLER** | 400 | 11 | | | 400 | 12 | | SPARE | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | FRONT DOOR | | 13 | 0 | | | 14 | | POWER STRIP OUTSIDE CASH OFFICE | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | FRONT DOOR | | 15 | | 0 | | 16 | | MUZAK REC ON 2ND SHELF | 20 | 1 | 12 | | |
| | | 10 | 20 | 1 | WINE COOLER | | 17 | | | 0 | 18 | | COMPUTERS, PRINTERS IN CASH OFFICE | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | REC ON 3 SHELF | | 19 | 0 | | | 20 | | REC IN CASH OFFICE OF THE PA | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | REC ON 3 SHELF | | 21 | | 0 | | 22 | | SAFE | 20 | 1 | 12 | | |
| | | | 20 | 1 | SPARE | | 23 | | | 0 | 24 | | SPARE | 20 | 1 | 12 | | |
| | | | 20 | 1 | SPARE | | 25 | 0 | | | 26 | | EMO REC FOR SCANNERS | 20 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | **GRAB-N-GO COOLER** | 400 | 27 | | 400 | | 28 | | | | | | | |
| | 1/2 | 12 | 20 | 1 | **GRAB-N-GO COOLER** | 400 | 29 | | | 400 | 30 | | UPS | 40 | 2 | 6 | | |
| | 1/2 | 12 | 20 | 1 | **GRAB-N-GO COOLER** | 400 | 31 | 400 | | | 32 | | SPARE | 20 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | **FUTURE GRAB-N-GO COOLER** | 400 | 33 | | 400 | | 34 | | CSC & EMO COPIER | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | SPARE | | 35 | | | 0 | 36 | | SPARE | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | WESTERN UNION | | 37 | 0 | | | 38 | | AC | 40 | 2 | 8 | | |
| | | | 20 | 1 | SPARE | | 39 | | 0 | | 40 | | SPARE | 20 | 1 | 12 | | |
| | | | 20 | 1 | SPARE | | 41 | | | 0 | 42 | | SODA COOLERS | 20 | 1 | 12 | | |
| | | | | | TOTALS PER PHASE: | | | 1780 | 2220 | 1160 | | | TOTAL CONNECTED LOAD (VA): | 5160 | | | | |

NOTES
1. BOLD INDICATES NEW WORK.

## PANEL: OW-2

LOCATION: WORK ROOM
FED FROM: MDP-2
MOUNTING: FLUSH

VOLTAGE: 208Y/120V, 3-PH, 4-W
MAINS: MAIN LUGS

100% NEUTRAL BUS
* LOCK ON BREAKER
# SHUNT TRIP BREAKER

| EMS LOAD | COND. SIZE | WIRE SIZE | BREAKER TRIP | BREAKER POLES | DESIGNATION | VOLT-AMPS | CIRCUIT # | PHASE LOAD (VOLT-AMPS) A | B | C | CIRCUIT # | VOLT-AMPS | DESIGNATION | BREAKER TRIP | BREAKER POLES | WIRE SIZE | COND. SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/2 | 12 | 20 | 1 | **FL200 CABINET** | 360 | 1 | 360 | | | 2 | | SPARE | 20 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | **FL200 CABINET** | 720 | 3 | | 720 | | 4 | | OUTLET BY FRON DOORS NEAR VESTRULE | 20 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | **FL200 FREEZER** | 1380 | 5 | | | 1380 | 6 | | MART CART OUTLET | 20 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | **FL200 REFRIGERATOR** | 1572 | 7 | 1752 | | | 8 | 180 | **LOTTO** | 20 | 1 | 12 | 1/2 | |
| | | 12 | 20 | 1 | **CONSTAR OUTLET** | 180 | 9 | | 180 | | 10 | | ALARM | 20 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | **FL200 REFRIGERATOR** | 1572 | 11 | | | 1572 | 12 | | MART CART OUTLET | 20 | 1 | 12 | | |
| | 1/2 | 12 | 20 | 1 | **MART CARTS** | 360 | 13 | 1560 | | | 14 | 1200 | **GRAB-N-GO COOLERS** | 20 | 1 | 12 | 1/2 | |
| | 1/2 | 12 | 20 | 1 | **COMMUNICATIONS CABINET** | 360 | 15 | | 1560 | | 16 | 1200 | **GRAB-N-GO COOLERS** | 20 | 1 | 12 | 1/2 | |
| | | 12 | 20 | 1 | T & A COUNTER | | 17 | | | 1200 | 18 | 1200 | **GRAB-N-GO COOLERS** | 20 | 1 | 12 | 1/2 | |
| | | 12 | 20 | 1 | LOUNGE REFRIGERATOR | | 19 | 180 | | | 20 | 180 | **RUG DOCTOR** | 20 | 1 | 12 | 1/2 | |
| | | 12 | 20 | 1 | GFI IN LOUNGE | | 21 | | 0 | | 22 | | BA OUTLET | 20 | 1 | 12 | | |
| | | 12 | 20 | 1 | LOUNGE MICROWAVE | | 23 | | | 0 | 24 | | P.P. OUTLET & FOUNTAIN/ MISTING SYS. | 20 | 1 | | | |
| | | 12 | 20 | 1 | LOUNGE OUTLET LEFT OF DOOR | | 25 | 0 | | | 26 | | SPARE | 20 | 2 | | | |
| | | | 20 | 1 | SPARE | | 27 | | 0 | | 28 | | SPARE | 20 | 2 | | | |
| | | 12 | 20 | 1 | LOUNGE WATERR HEATER | | 29 | | | 0 | 30 | | SPARE | 20 | 1 | | | |
| | | 12 | 20 | 1 | OFFICE LIGHTING | | 31 | 0 | | | 32 | | SPARE | 30 | 1 | | | |
| | 1/2 | 12 | 20 | 1 | **ICE MACHINE (OLD SPARE CIRCUIT)** | 180 | 33 | | 180 | | 34 | | SPARE | 20 | 1 | | | |
| | | | 20 | 1 | OUTLET UNSISED NEAR CONSTAR | | 35 | | | 0 | 36 | | SPARE | 20 | 1 | | | |
| | | 12 | 20 | 1 | DELI OUTLET ACROSS FROM FREEZER | | 37 | 0 | | | 38 | | SPARE | 20 | 1 | | | |
| | 1/2 | 12 | 20 | 1 | **PROMO RETURN** | 180 | 39 | | 180 | | 40 | | SPARE | 20 | 1 | | | |
| | 1/2 | 12 | 20 | 1 | **GLACIER** | 180 | 41 | | | 180 | 42 | | | | | | | |
| | | | | | TOTALS PER PHASE: | | | 3852 | 2820 | 4332 | | | TOTAL CONNECTED LOAD (VA): | 11004 | | | | |

NOTES
1. BOLD INDICATES NEW WORK.

## PANEL: CR

LOCATION: WORK ROOM
FED FROM: PANEL OW-2
MOUNTING: FLUSH

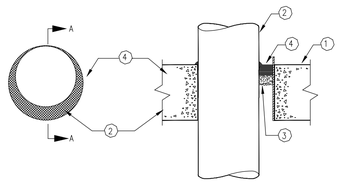
VOLTAGE: 120/208V, 1-PH, 3-W
MAINS: MAIN LUGS

100% NEUTRAL BUS
* LOCK ON BREAKER
# SHUNT TRIP BREAKER

| NOTES | COND. SIZE | WIRE SIZE | BREAKER TRIP | BREAKER POLES | DESIGNATION | VOLT-AMPS | CIRCUIT # | PHASE LOAD (VOLT-AMPS) A | B | CIRCUIT # | VOLT-AMPS | DESIGNATION | BREAKER TRIP | BREAKER POLES | WIRE SIZE | COND. SIZE | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---

## SYSTEM NO. CAJ1044

(Formerly System No. 319)
F Ratings–2, 3 and 4 hour (See Items 2A and 4)
T Rating–0 hour
L Rating At Ambient–2 CFM/sq ft
L Rating At 400F–less than 1 CFM/sq ft




SECTION A–A

1. FLOOR or WALL ASSEMBLY–Lightweight or normal weight (100–150 pcf) concrete. Except as noted in table under Item 4, min thickness of solid concrete floor or wall assembly is 4–1/2 in. Floor may also be constructed of any min. 6 in. thick UL Classified hollow core PRECAST CONCRETE UNIT. When floor is constructed of hollow core precast concrete units, packing material (Item 3) and caulk fill material (Item 4) to be installed symmetrically on both sides of floor, flush with floor surface. Wall assembly may also be constructed of any UL Classified CONCRETE BLOCKS*. Max diam of opening is in solid lightweight or normal weight concrete. Floor is 32 in. Max diam of opening in floor constructed of hollow–core precast concrete units is 7 in.
   See CONCRETE BLOCKS (CAZT) and PRECAST CONCRETE UNITS (CFTV) categories in the Fire Resistance Directory for names of manufacturers.

1A. STEEL SLEEVE– (Optional, not shown)–Max 15 in. ID (or smaller) Schedule 10 (or heavier) steel sleeve cast or grouted into floor or wall assembly. Sleeve may extend a max. of 2 in. above top of floor or beyond either surface of wall. Max 16 in. ID (or smaller) min. 0.028 wall thickness (or heavier) galvanized steel sleeve cast or grouted into floor or wall assembly. Sleeve may extend a max of 1/2 in. beyond either surface of floor or wall.

2. THROUGH PENITRANTS–One metallic pipe, conduit or tubing to be installed either concentrically or eccentrically within the firestop system. Max annular space between pipe, conduit or tubing and edge of through opening or sleeve is dependent on the parameters shown in Item 4. Min annular space between pipe or conduit and edge of through opening is zero in. (point contact). Pipe conduit or tubing to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:
   A. STEEL PIPE–Nom 30 in. diam (or smaller) Schedule 10 (or heavier) steel pipe.
   B. IRON PIPE –Nom 30 in. diam (or smaller) cast or ductile iron pipe.
   C. CONDUIT–Nom 6 in. diam (or smaller) rigid steel conduit.
   D. CONDUIT–Nom 4 in. diam (or smaller) steel electrical metallic tubing.
   E. COPPER TUBING–Nom 6 in. diam (or smaller) Type L (or heavier) copper tubing.
   F. COPPER PIPE–Nom 6 in. diam (or smaller) Regular (or heavier) copper pipe.

3. PACKING MATERIAL–Polyethylene backer rod or nom 1 in. thickness of tightly–packed mineral wool batt or glass fiber insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall as required to accommodate the required thickness of caulk fill material (Item 4).

4. FILL, VOID or CAVITY MATERIAL*–CAULK–Applied to fill the annular space flush with top surface of floor. In wall assemblies, required caulk thickness to be installed symmetrically on both sides of wall, flush with wall surface. At point contact location between penetrant and sleeve or between penetrant and concrete, a min 1/4 in. diam bead of caulk shall be applied at the top surface of floor and at both surfaces of wall. The hourly F Ratings and the min required caulk thickness are dependent upon a number of parameters, as shown in the following table:

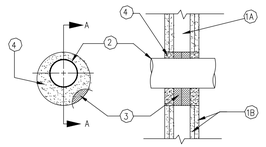
| Min. Floor Or Wall Thkns, In | Nom. Pipe Tube Or Conduit Diam, In | Max Annular Space, In | Min Caulk Thkns, In | F Rating, Hr |
|---|---|---|---|---|
| 2–1/2 | 1/2–12 | 1–3/8 | 1/2 | 2 |
| 2–1/2 | 1/2–12 | 3–1/4 | 1 | 2 |
| 4–1/2 | 1/2–6 | 1–3/8 | 1/4 (a) | 2 |
| 4–1/2 | 1/2–12 | 1–1/4 | 1/2 | 3 |
| 4–1/2 | 1/2–20 | 2 | 1 | 3 |
| 4–1/2 | 1/2–20 | 2 | 1 | 3 |
| 4–1/2 | 1/2–12 | 3–1/4 | 1 | 3 |
| 4–1/2 | 1/2–12 | 2 | 1 | 3 |
| 4–1/2 | 22–30 | 2 | 2 | 3 |
| 5–1/2 | 1/2–6 | 1–3/8 | 1(b) | 4 |

(a) Min 2 in. thickness of material wool batt insulation required in annular space.
(b) Min 1 in. thickness of material wool batt insulation required in annular space on both sides of floor or wall assembly. Min 1 in. thickness of caulk to be installed flush with each surface of floor or wall assembly.
Minnesota Mining & Manufacturing Co.–CP 25WB+.
*Bearing the UL Classification Marking

*FLOOR OR WALL ASSEMBLY*

## SYSTEM NO. WL1041

F RATING – 2 HR.
T RATING – 0 HR.




SECTION A–A

1. Wall Assembly – The fire–rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs – Wall framing may consist of either wood studs or steel channel studs. Wood stude to consist of nom 2 by 4 in. lumber spaced max 16 in. OC. Steel studs to be 8 min 2–1/2 in wide and spaced 24 in OC.

B. Wallboard, Gypsum – Two layers of nom 5/8 in. thick gypsum wallboard, as specified in the individual Wall and Partition Designs. Max diam of opening not to exceed 7 in.

2. Through Penetrants – One metallic pipe or conduit to be installed concentrically or eccentrically within the firestop system. The annular space shall be min 1/4 in. to max 2–1/2 in. pipe or conduit to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes or conduits may be used:

   A. Steel Pipe – Nom 4 in. diam (or smaller) Schedule 5 (or heavier) steel pipe.
   B. Conduit – Nom 4 in. diam (or smaller) electrical metallic tubing or steel conduit.
   C. Copper Tubing – Nom 3 in. diam (or smaller) Type M (or heavier) copper tubing.

3. Packing Material – Min 3–1/2 in. thickness of min 0.5 pcf fiberglass insulation firmly packed into opening as a permanent form. The packing material shall be sized to be at least 1/2 in. larger than the opening dia. centered in the walls mid–depth and compressed so that it is recessed a min. of 1–1/4 in. from each surface of wall.

4. Fill, Void or Cavity Material – Dry mix material mixed with water at a rate of 100 grams of dry mix per 48 to 50 ml of water or a 48/100 to 50/100 ratio by weight of water to dry mix, in accordance with the accompanying installation instructions. Material applied to each surface of the packing material within the annulus between the penetrating item and periphery of opening to a min. depth of 1–1/4 in. Material shall be troweled flush with both surfaces of wall assembly.

   Gold Bond Building Products, National Gypsum Div. – Type Sta–Smooth FS.

   ** Bearing the UL Classification Marking.

*FLOOR OR WALL ASSEMBLY*

1 E6.02 UL PENETRATION DETAILS
SCALE: NONE

LEGEND:

- DUPLEX RECEPTACLE
- QUAD RECEPTACLE
- JUNCTION BOX
- GFCI GFCI TYPE RECEPTACLE
- WP WEATHERPROOF RECEPTACLE
- SPECIAL USE RECEPTACLE – VOLTAGE, PHASE AND AMPERAGE BASED ON LOAD SERVED. COORDINATE NEMA CONFIGURATION WITH EQUIPMENT REQUIREMENTS.
- SWITCH
- DISCONNECT SWITCH
- ELECTRICAL DROP FROM OVERHEAD
- ELECTRICAL STUB–UP
- A TELEPOWER POLE – LETTER INDICATES MODEL #

## LIGHTING FIXTURE SCHEDULE

### (NEW ACUITY FIXTURES)

| FIXTURE TYPE | QUANTITY | DESCRIPTION | MANUFACTURER | MODEL NUMBER | WATTS | VOLTS | NOTES |
|---|---|---|---|---|---|---|---|
| C | 8 | 8' LED STRIP LIGHT | LITHONIA | CLX L96 10000LM HEF RDL MVOLT GZ10 35K 80CRI PLR1LVG WH | 60 | 120 | |
| C1 | 2 | 4' LED STRIP LIGHT | LITHONIA | CLX L48 5000LM HEF RDL MVOLT GZ10 35K 80CRI PLR1LVG WH | 30 | 120 | |
| G2 | 8 | 2x2 FLAT PANEL LED FIXTURE | LITHONIA | CPX 2x2 4000LMHE 80CRI 35K SWL | 35 | 120 | |
| I1 | 3 | 4' LED COOLER/FREEZER LINEAR | LITHONIA | FEM L48 6000LM LPAFL MD MVOLT 40K 80CRI | 38 | 120 | |
| J | 6 | 4' LED LINEAR | ILT | ILT LB48 W35F24 | 15 | 120 | |
| K3 | 5 | ARCHITECTURALLY STYLED HIGH PERFORMANCE LED EGRESS LUMINAIRE | MULE | MAKO-LED ACEM DB | 11 | 120 | |
| M | 10 | EXTERIOR LED CANOPY LIGHT | CREE | CPY250-C-BL-40K7-F-UL-DIM-WH | 53 | 120 | |
| N2 | 4 | 4' LED VAPOR TIGHT STRIP FOR REAR CANOPY | LUMINOSO | VPS4-14-40W-40K-J-Y-FR-SP | 40 | 120 | |
| N3 | 2 | LED EXTERIOR SCONCE LIGHT, WAREHOUSE SHADE COLLECTION GOOSENECK | HI-LITE MFG. | H-60112-93-RIB/B-12-93/12WLED3/40/BCM-M | 21 | 120 | |
| N5 | 1 | 6" ROUND LED | ELITE | HH6-LED-2000L-DIM10-120-MD-30K-85/HH6-6501-CL-SCH | 27 | 120 | |
| RL | | EXISTING FIXTURES TO BE RELOCATED WITHIN THE STORE | | | | | |
| U1 | 7 | 4' LED RECESSED SALES ROW FIXTURE | LITHONIA | MRTJ L48 4750LM FST MVOLT GZ10 35K 80CRI PLR1LVG RORRS1P WH NAFL | 32 | 120 | |
| V | 9 | 2X4 HIGH OUTPUT FIXTURE | LITHONIA | SPX 2X4 10200LM 80CRI 35K BFR MPL MIN10 ZT MVOLT MW | | | |


MECKLENBURG COUNTY
NORTH CAROLINA
MAY 20 1775
MECKLENBURG COUNTY
CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.



ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 19375 ENGINEER KARL A.R. PAGE
08/21/2024
CORPORATE SEAL:

PAGE INTERWORKS, P.A.
ENGINEERS & CONSULTANTS
NC BUSINESS FIRM C-1374 JUNE 30, 2025
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332


REVISIONS
NO DATE REMARKS

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

FOOD LION REMODEL
STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 06/21/2024
42 OF 44
E6.02
ELECTRICAL SCHEDULES & DIAGRAMS
CHECKED: DOD DRAWN: AMP

### EMS LOAD 1 (WORK LIGHTS)

| LOCATION |
|---|
| WOMEN'S REST ROOM |
| MENS REST ROOM |
| LOUNGE |
| STORAGE / ICE CREAM FREEZER |
| 1/2 SALES AREA LIGHTING |
| DEPT. MNGR'S OFFICE/ PC TRAINING ROOM |
| JANITOR'S AREA |
| MEAT/DELI/BAKERY FREEZER |
| MEAT PREP |
| MEAT COOLER |
| PRODUCE PREP |
| PRODUCE COOLER |
| STORE MANAGERS OFFICE |
| CASH OFFICE/WORK ROOM |
| CORRIDOR |
| CHECKOUTS |
| CUSTOMER SERVICE |
| DSD STATION |
| RECEIVING AREA / GROCERY STAGING |
| DATA CLOSET |
| VESTIBULE LIGHTS |
| PRODUCE AIR CURTAINS |
| PRODUCE ROLL UP DOORS |
| JANITOR'S AREA EXHAUST FAN |
| PRODUCE TRACK LIGHTING |
| WINE TRACK LIGHTING |

### EMS LOAD 2 (HALF SALES)

| LOCATION |
|---|
| 1/2 SALES AREA LIGHTING |

### EMS LOAD 3 (SECURITY)

| LOCATION |
|---|
| DOCK CANOPY LIGHTS |
| FRONT CANOPY LIGHTS |
| PHARMACY DRIVE THRU CANOPY LIGHTS |

### EMS LOAD 4 (DELI/BAKERY)

| LOCATION |
|---|
| DELI/BAKERY LIGHTING |
| CHICKEN FRYER |
| ROTISSERIE |
| OLIVE CART |

### EMS LOAD 5 (STOREFRONT)

| LOCATION |
|---|
| EXTERIOR STOREFRONT SIGN LIGHTING |
| ROAD SIGN LIGHTING |

### EMS LOAD 6 (ALL CASE LIGHTS)

| LOCATION |
|---|
| BEER SIGNAGE RECEPTACLES |
| DAIRY CASE LIGHTS |
| PRODUCE CASE LIGHTS |
| MEAT CASE LIGHTS |
| BAKERY CASE LIGHTS |
| FROZEN FOOD CASE LIGHTS |
| LUNCH MEAT CASE LIGHTS |
| ICE CREAM CASE LIGHTS |

### EMS LOAD 7 (WATER HEATERS)

| LOCATION |
|---|
| WATER HEATERS (MECHANICAL ROOM) |

### EMS LOAD 8 (PARKING LOT LIGHTS)

| LOCATION |
|---|
| PARKING LOT LIGHTING DIRECTLY AFFECTING STORE OPERATIONS |

### EMS LOAD 9 (NEW TRACK LIGHTING)

| LOCATION |
|---|
| NEW TRACK LIGHTING |
| |

1 E6.03 EMS LOADS – TABLE A
SCALE : NONE

### EMS LOAD 1 (WORK LIGHTS)

| LOCATION |
|---|
| WOMEN'S REST ROOM |
| MENS REST ROOM |
| LOUNGE |
| STORAGE / ICE CREAM FREEZER |
| 1/2 SALES AREA LIGHTING |
| DEPT. MNGR'S OFFICE/ PC TRAINING ROOM |
| JANITOR'S AREA |
| MEAT/DELI/BAKERY FREEZER |
| MEAT PREP |
| MEAT COOLER |
| PRODUCE PREP |
| PRODUCE COOLER |
| STORE MANAGERS OFFICE |
| CASH OFFICE/WORK ROOM |
| CORRIDOR |
| CHECKOUTS |
| CUSTOMER SERVICE |
| DSD STATION |
| RECEIVING AREA / GROCERY STAGING |
| DATA CLOSET |
| VESTIBULE LIGHTS |
| PRODUCE AIR CURTAINS |
| PRODUCE ROLL UP DOORS |
| JANITOR'S AREA EXHAUST FAN |
| PRODUCE TRACK LIGHTING |
| WINE TRACK LIGHTING |
| 2X4 PRODUCE SALES AREA LIGHTS |
| 2X4 DELI SALES AREA LIGHTS |

### EMS LOAD 2 (HALF SALES)

| LOCATION |
|---|
| 1/2 SALES AREA LIGHTING |

### EMS LOAD 3 (SECURITY)

| LOCATION |
|---|
| DOCK CANOPY LIGHTS |
| FRONT CANOPY LIGHTS |
| PHARMACY DRIVE THRU CANOPY LIGHTS |

### EMS LOAD 4 (DELI/BAKERY)

| LOCATION |
|---|
| DELI/BAKERY PREP LIGHTING |
| CHICKEN FRYER |
| ROTISSERIE |
| OLIVE CART |

### EMS LOAD 5 (STOREFRONT)

| LOCATION |
|---|
| EXTERIOR STOREFRONT SIGN LIGHTING |
| ROAD SIGN LIGHTING |

### EMS LOAD 6 (MED TEMP CASES)

| LOCATION |
|---|
| BEER SIGNAGE RECEPTACLES |
| DAIRY CASE LIGHTS |
| PRODUCE CASE LIGHTS |
| MEAT CASE LIGHTS |
| BAKERY CASE LIGHTS |
| LUNCH MEAT CASE LIGHTS |

### EMS LOAD 7 (LOW TEMP CASES)

| LOCATION |
|---|
| FROZEN FOOD LIGHTS |
| FROZEN MEAT LIGHTS |
| ICE CREAM LIGHTS |
| FROZEN BAKERY LIGHTS |

### EMS LOAD 8 (PARKING LOT LIGHTS)

| LOCATION |
|---|
| PARKING LOT LIGHTING DIRECTLY AFFECTING STORE OPERATIONS |

### EMS LOAD 9 (NEW TRACK LIGHTING)

| LOCATION |
|---|
| NEW TRACK LIGHTING |
| |

### EMS LOAD 10 (EXHAUST FAN)

| LOCATION |
|---|
| MECHANICAL ROOM |

### EMS LOAD 11 (SUPPLY FAN)

| LOCATION |
|---|
| MECHANICAL ROOM |

### EMS LOAD 12 (WATER HEATERS)

| LOCATION |
|---|
| WATER HEATERS (MECHANICAL ROOM) |

### EMS LOAD 13 (ACCENT LIGHTING)

| LOCATION |
|---|
| RIGHT AND LEFT WALL CASE UP-LIGHTING |

### EMS LOAD 14 (DECOR/SIGNAGE LIGHTING)

| LOCATION |
|---|
| CASE UP-LIGHTING |
| DEPARTMENT SIGN LIGHTING |

### EMS LOAD 15 (PARKING LOT SECURITY LIGHTS)

| LOCATION |
|---|
| STORE PARKING LOT SECURITY LIGHTING |

### EMS LOAD 16 (BEER CASE LIGHTING)

| LOCATION |
|---|
| BEER CASE LIGHTING |

2 E6.03 EMS LOADS – TABLE B
SCALE : NONE

## EMS REMODEL NOTES
## FOR ELECTRICAL AND MECHANICAL CONTRACTORS

THESE NOTES ARE PROVIDED TO CLARIFY THE PORTION OF THIS PROJECT. IF THERE IS A CONFLICT BETWEEN THESE NOTES AND THE PRINT THESE NOTES TAKE PRECEDENCE OVER THE PRINT. IF THERE ARE ANY QUESTIONS REGARDING THE INTENT OR SCOPE OF THESE NOTES PLEASE CONTACT SESCO BILL MCCOLLOUGH (336-580-0152 OR BILLY@TRS-SESCO.COM).

ELECTRICAL:

1. EACH REFRIGERATION CIRCUIT WILL HAVE ITS OWN ELECTRICAL CIRCUIT. AS AN EXAMPLE, IF ONE REFRIGERATION CIRCUIT IS REMOVED AND IS REPLACED BY TWO REFRIGERATION CIRCUITS AN ADDITIONAL ELECTRICAL CIRCUIT WILL BE REQUIRED. THIS CIRCUIT WILL HAVE LIGHTS AND FANS SEPARATED AND ANTI-SWEAT RAN THROUGH THE ANTI-SWEAT CONTROLLER FOR ALL NEW AND RELOCATED GLASS DOOR FROZEN FOOD CASES.
2. ALL REFRIGERATED CASE LIGHTS WILL BE ON LOAD SIX. EXISTING CASES DO NOT APPLY, ALTHOUGH IF AN EXISTING ELECTRICAL CIRCUIT IS RE-USED FOR NEW CASES AND OR RELOCATED CASES THE LIGHTING CIRCUIT WILL NEED TO BE ON LOAD SIX.
3. IF A CASE(S) REQUIRES AN ANTI-SWEAT CIRCUIT AND THE EXISTING WIRING DOES NOT HAVE THIS AVAILABLE THEN AN ADDITIONAL CIRCUIT FOR ANTI-SWEAT WILL BE PROVIDE AND RAN THROUGH THE ANTI-SWEAT PANEL. EC NEEDS TO LABEL ALL NEW CIRCUITS WITH BOTH BREAKER AND REFRIGERATION CIRCUIT IDENTIFICATION.
4. IF THE FROZEN FOOD LINE UP HAS CHANGED LOCATIONS THE ANTI-SWEAT HUMIDITY SENSOR LOCATION MUST BE RELOCATED. CONTACT THE ENERGY TEAM MEMBER OR YOUR EMS REPRESENTATIVE FOR LOCATION.
5. ALL NEW AND EXISTING WALK IN COOLER AND FREEZER LIGHTS ARE TO LOAD 1. INSURE THAT FREEZER LIGHTS AND HEATER ARE NOT ON THE SAME CIRCUIT. DELI WALK-INS CAN BE LOAD 1 OR 4. EC TO FURNISH CONTACTOR(S) IF NEEDED.
6. IF THE VESTIBULE HAS BEEN RE-WORKED IN SUCH A MANNER THAT THE INSIDE LIGHTS HAVE NOW BECOME THE OUTSIDE CANOPY LIGHTS, THESE LIGHTS WILL NEED TO BE RELOCATED TO LOAD THREE. IF OUTSIDE LIGHTS HAVE NOW BECOME INSIDE LIGHTS THESE WILL NEED TO BE ON LOAD 1.
7. IF A SEAFOOD STEAMER HOOD IS INSTALLED AN INTERLOCK CONTROL BOX WILL SERVE AS A WAY OF RUNNING THE HOOD DURING THE STEAMING PROCESS. POWER FOR THE STEAMER AND CONTROL POWER FOR THE HOOD EXHAUST FAN IS ROUTED THROUGH THIS CONTROL BOX. THE CONTROL POWER FOR THE EXHAUST WILL BE ROUTED THROUGH A LOAD 1 CONTACTOR PRIOR TO FEEDING THIS CONTROL BOX. SEE THE ATTACHMENT FOR DETAIL. THE CONTROL BOX WILL BE SUPPLIED BY SESCO TO THE MECHANICAL CONTRACTOR AND IS TO BE WIRED BY THE ELECTRICAL CONTRACTOR.
8. ALL NEW GRID/TRACK LIGHTING WITH LIGHTING INSTALLED ABOVE (E.G. 2x4 FIXTURES OR HIGH-BAYS) WILL BE REQUIRED TO BE TWO CIRCUITED WITH BOTH CIRCUITS ON EMS LOAD 9. EXISTING TRACK LIGHTING THAT DOES NOT HAVE LOAD 1 LIGHTING INSTALLED ABOVE WILL BE REQUIRED TO BE TWO CIRCUITED WITH BOTH CIRCUITS ON EMS LOAD 1. ADDITION CONTACTOR(S) MAY BE REQUIRED AND SUPPLIED BY EC.
9. ALL ACCENT LIGHTING (WALL WASH, PERIMETER DOWNLIGHTING, DECOR DOWNLIGHTING OR CASE UP-LIGHTS) WILL BE ON LOAD 14. IN AN OLDER STORE THERE MAY NOT BE A LOAD 14 IN WHICH CASE THE EC WILL WIRE TO LOAD 6. COORDINATE WITH SESCO.
10. EC RESPONSIBLE FOR PROVIDING COMMUNICATION CABLE FOR ALL REFRIGERATION CONTROLLERS AND THE HVAC CONTROLLER. THIS WILL BE IN THE FORM OF CAT5 CABLES FOR EACH CONTROLLER WITH STORES THAT HAVE E-2 CONTROLLERS OR 4 WIRE SHIELDED CABLE WITH STORES THAT HAVE EARLIER VERSIONS OF CPC CONTROLLERS. COORDINATE WITH THE SESCO REPRESENTATIVE FOR THIS STORE. YOU CAN CONTACT SESCO AT 336-996-2220.
11. IF DE-STRAT FANS ARE USED THEY ARE TO BE WIRED THROUGH LOAD 1 CONTACTORS. EC TO FURNISH CONTACTOR(S) IF NEEDED.
12. ANY ADDITIONAL BACK ROOM LIGHTING (OFFICES, RESTROOMS, MACHINE ROOMS ETC.) SHALL BE BROKEN THROUGH LOAD 1 CONTACTORS. EC TO FURNISH CONTACTOR(S) IF NEEDED.
13. ALL NEW AND/OR REWORKED EBU LIGHTING AND NIGHT LIGHTING SHALL BE ON A SWITCH FREE CIRCUIT. IF THE EXISTING WIRING IS ON EMS IT WILL NEED TO BE MOVED TO EITHER THE EBU CIRCUIT OR NIGHT LIGHT CIRCUIT.
14. FOR ANY STORE RECEIVING A FIRE ALARM UPGRADE. EC SHALL PROVIDE CONDUIT AND TWO 14 AWG WIRE FOR FIRE ALARM CONTACT INTERFACE RELAY WITH ECP. THE TWO 14 AWG SHALL BE ABLE TO REACH ENTIRE ECP AND LABELED "FIRE ALARM". CONTACT SHOULD BE WITHIN FOUR FEET OF ECP WHENEVER POSSIBLE. TERMINATION BY OTHERS.
15. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONDUIT REQUIRED BY MECHANICAL CONTRACTOR. BX OR FREE AIR CABLE IS NOT ALLOWED. SENSOR AND CONTROL WIRING CANNOT BE IN SAME CONDUIT. NEEDS TO BE COMPLETED IN A TIMELY MANNER. COORDINATE REQUIREMENTS WITH MC.
16. ELECTRICAL CONTRACTOR NEEDS TO INSTALL AND WIRE CT'S FOR THE COOKING EQUIPMENT UNDER THE KITCHEN HOOD. THE CONTROL WIRING FOR THE CT'S WILL BE TAKEN FROM THE HOOD CONTROL PANEL TERMINALS L4 AND L4A (2 #14) AND WIRED IN PARALLEL SO THAT THE HOOD FANS RUN WITH THE EQUIPMENT. CONTACT SESCO PARTS FOR THE NUMBER OF CT'S REQUIRED KEEPING IN MIND THAT ONE CT CAN BE USED ON MORE THAN ONE PIECE OF EQUIPMENT DEPENDING ON WIRE SIZE. CONTACT SESCO COMMISSIONING WITH ANY QUESTIONS.
17. IF EC IS REUSING EXISTING CIRCUITS FOR EITHER CONTROL OR POWER FOR THE HOOD FAN(S) HE SHALL ENSURE THAT NEITHER IS CONNECTED TO LOAD 4.
18. IN ALL HIGH SPEND STORES THE EC IS TO PHYSICALLY REMOVE THE LITE MISER AND HAVE IT READY TO BE SHIPPED BACK ON THE SALVAGE TRUCK.
19. ALL NEW 2X4 LAY IN FIXTURES AT THE DELI SALES AREA NEED TO BE ADDED TO THE LOAD 1 ENERGY MANAGEMENT CONTROL. EC TO FURNISH CONTACTOR IF NEEDED.

MECHANICAL:

20. ALL CONTROL WIRING PROVIDED BY THE MECHANICAL CONTRACTOR IS TO BE 14 GAUGE STRANDED. BX CABLE IS NOT ALLOWED. ALL SHIELDED CABLE IS TO BE 22 GAUGE OR LARGER. ALL WIRING SHALL BE IN CONDUIT PROVIDED BY ELECTRICIAN. SENSOR CABLE CANNOT BE IN THE SAME CONDUIT WITH CONTROLS. TERMINATIONS FOR THE MECHANICAL CONTROLS BY MECHANICAL CONTRACTOR.
21. IF PRINTS CALL FOR RE-WIRING OF EXISTING FANS IN MOTOR ROOM THE MC IS RESPONSIBLE FOR PROVIDING MOTOR STARTER FOR THREE PHASE FANS OR CONTACTORS FOR SINGLE PHASE FANS IF NO STARTER OR CONTACTOR IS EXISTING. NEW MACHINE ROOM FANS THAT REQUIRE A STARTER OR CONTACTOR SHALL BE PROVIDED BY MC IF NOT ALREADY PROVIDED BY SESCO.
22. FOR STORES THAT ARE RECEIVING FIRE ALARM UPGRADE THE MC WILL BE RESPONSIBLE FOR REMOVING ALL OLD SMOKE DETECTORS. ONCE SYSTEM HAS BEEN SWITCHED OVER TO FIRE ALARM CONTACT, SESCO WILL NOTIFY GC IN WRITING. MC WILL THEN REMOVE OLD DETECTORS. WIRING FROM DETECTORS IS TO BE REMOVED TO ASSOCIATED JUNCTION BOXES AND CAPPED OFF WITH WIRE NUTS. WIRING FROM ECP TERMINALS IS TO BE REMOVED TO TROUGH AND CAPPED OFF WITH WIRE NUTS.
23. 21. IF THE PRODUCE PREP THERMOSTAT IS BEING REPLACED WITH A TEMPERATURE SENSOR THAT IS WIRED BACK TO THE ECP, THE MC WILL DAISY CHAIN THE SENSOR CABLE FROM THE ECP OVER TO THE APPROPRIATE REFRIGERATION RACK. TERMINATION BY OTHERS.

FIRE ALARM NOTE:

22. FOR STORES THAT ARE RECEIVING FIRE ALARM UPGRADE, THE FIRE ALARM CONTRACTOR IS TO INSTALL, POWER, AND MONITOR ALL NEW SMOKE DETECTORS FOR ALL AHU'S AND RTU'S. FA CONTRACTOR IS TO PROVIDE A RELAY ENCLOSED WITHIN FOUR FEET OF THE ECP AND CONTROLLED BY FIRE PANEL. CONTACT WILL BE WIRED BY SESCO. EXISTING (OLD) SMOKE DETECTORS WILL REMAIN IN PLACE UNTIL SESCO SWITCHES SYSTEM OVER TO FIRE ALARM PANEL. REFER TO M1.01.

Revision 10 May 2018

## EMS NOTE FOR ENERGY LOAD

PATTERN IN TABLE A IS TYPICAL OF MOST FOOD LION STORES BUILT PRIOR TO 2005. TABLE B IS REPRESENTATIVE OF FOOD LION STORES BUILT AFTER 2005.

ELECTRICAL CONTRACTOR TO FIELD VERIFY EXACT EMS LOAD CONFIGURATION WITH SESCO REPRESENTATIVE PRIOR TO CONNECTION OF ELECTRICAL LOAD TO EMS PANEL.

MECKLENBURG COUNTY NORTH CAROLINA MAY 2023
MECKLENBURG COUNTY CODE ENFORCEMENT
The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 19375 ENGINEER KARL A.R. PAGE
08/21/2024
CORPORATE SEAL:

PAGE INTERWORKS, P.A.
ENGINEERS & CONSULTANTS
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332
NC BUSINESS FIRM C-1554 JUNE 30, 2025

REVISIONS
NO DATE REMARKS

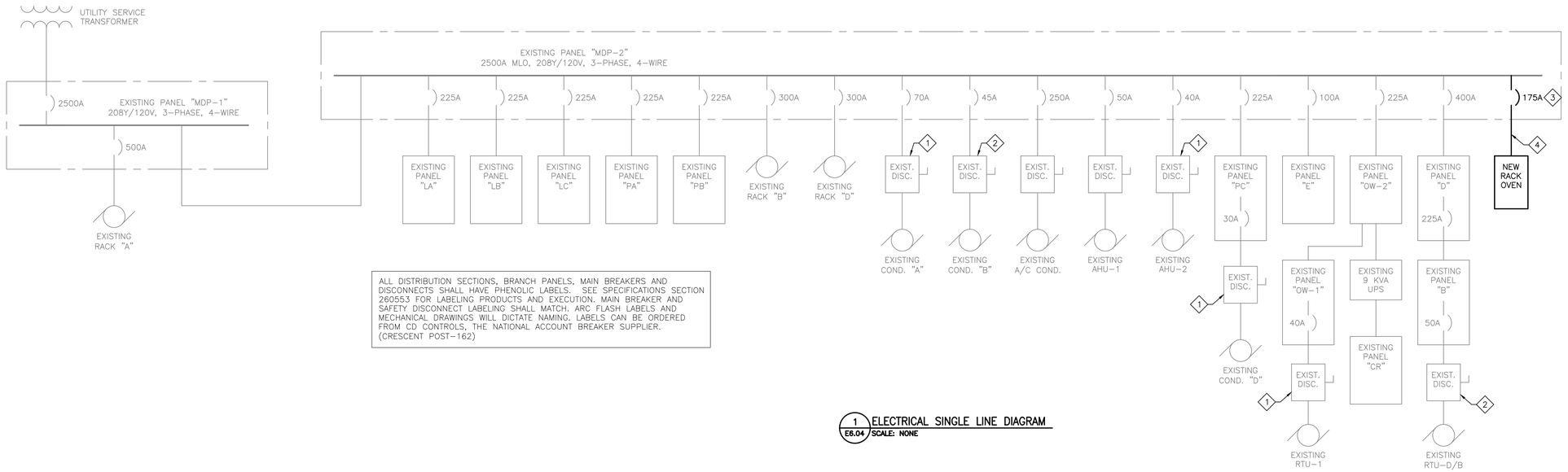
ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

FOOD LION REMODEL
STORE #2216
6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 06/21/2024

E6.03
EMS LOAD SCHEDULE
CHECKED: DOD DRAWN: AMP




ALL DISTRIBUTION SECTIONS, BRANCH PANELS, MAIN BREAKERS AND DISCONNECTS SHALL HAVE PHENOLIC LABELS. SEE SPECIFICATIONS SECTION 260553 FOR LABELING PRODUCTS AND EXECUTION. MAIN BREAKER AND SAFETY DISCONNECT LABELING SHALL MATCH. ARC FLASH LABELS AND MECHANICAL DRAWINGS WILL DICTATE NAMING. LABELS CAN BE ORDERED FROM CD CONTROLS, THE NATIONAL ACCOUNT BREAKER SUPPLIER. (CRESCENT POST-162)

1 E6.04 ELECTRICAL SINGLE LINE DIAGRAM
SCALE: NONE

## GENERAL ELECTRICAL NOTES:

1. ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE MOST RECENT ADOPTED NFPA, NATIONAL ELECTRICAL CODE, AND LOCAL CODES.
2. ALL MATERIALS, DEVICES, APPLIANCES, AND EQUIPMENT SHALL BE NEW AND LABEL LISTED BY AN APPROVED THIRD PARTY TESTING AGENCY APPROVED BY THIS STATE.
3. WIRING SHALL BE COPPER SINGLE CONDUCTORS. MINIMUM WIRE SIZE IS #12 AWG. CONDUCTORS #8 AND LARGER SHALL BE TYPE THHN OR THWN STRANDED. #12 THRU #10 SHALL BE THWN SOLID. WIRE TO LIGHT FIXTURES SHALL BE AS REQUIRED BY U.L. LABEL. COLOR CODE CONDUCTORS.
4. CONDUITS SHALL BE STEEL INDOORS AND SCHEDULE 40 PVC OUTDOORS OR BELOW FLOOR SLAB. EMT SHALL BE USED FOR SIZES 1/2" THROUGH 3 1/2".
5. CONNECT ALL HVAC, PLUMBING AND OTHER CONTRACTOR OR OWNER FURNISHED EQUIPMENT. VERIFY ALL LOCATIONS OF HVAC, PLUMBING AND OTHER CONTRACTOR OR OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN. CHECK EQUIPMENT SHOP DRAWINGS AND COORDINATE WITH HVAC, PLUMBING, AND ALL OTHER EQUIPMENT CONTRACTORS FOR DISCONNECT SWITCH, CONDUIT, WIRING REQUIREMENTS, FUSE AND BREAKER SIZES, VOLTAGE REQUIREMENTS AND LOCATIONS. PROVIDE A TIMER FOR ALL PLUMBING RECIRCULATION PUMPS. MAKE ALL NECESSARY REVISIONS TO THESE ITEMS AT NO ADDITIONAL COST TO THE OWNER.
6. ELECTRICAL CONTRACTOR SHALL PROVIDE LOAD DATA SHEET, TO THE POWER COMPANY, AT THE BEGINNING OF THE PROJECT, AS PER LOAD BREAKDOWN SHOWN ON PLANS.
7. ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER. EXCEPTION: INCANDESCENT LIGHT BULBS SHALL BE GUARANTEED FOR 30 DAYS.
8. THE ELECTRICAL CONTRACTOR SHALL VISIT THE JOBSITE PRIOR TO SUBMISSION OF BID TO FAMILIARIZE HIMSELF WITH THE CONDITIONS UNDER WHICH THE WORK WILL BE PERFORMED AND THE EXTENT OF WORK REQUIRED. INCLUDE ALL COST IN BID PRICE.
9. SUPPORT ALL CONDUITS WITH STRAPS AND CLAMPS. RUN ALL CONDUIT PARALLEL OR PERPENDICULAR TO BUILDINGS.
10. ELECTRICAL DEMOLITION, RELOCATION OF EXISTING EQUIPMENT, CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF THIS NEW WORK IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. THE EXTENT OF THE WORK REQUIRED SHALL BE DETERMINED DURING THE PREBID JOBSITE VISIT.
11. ALL STRAPPING OF CONDUIT SHALL COMPLY WITH ARTICLE 1621 OF THE INTERNATIONAL BUILDING CODE.
12. FOR ALL BREAKERS AND DEVICES:
    A. SERIES RATING NOT ALLOWED.
    B. THE MANUFACTURER OF THE MAIN SWITCHGEAR, AND/OR PANEL BOARDS SHALL PROVIDE A COORDINATION STUDY AND A SHORT CIRCUIT STUDY, AND ARC FLASH ANALYSIS TO DETERMINE ALL SETTINGS OF ELECTRONIC BREAKERS, GFI SETTINGS, AND ADJUSTABLE TRIP SETTINGS ON ALL NON-ELECTRONIC BREAKERS. THESE SETTINGS SHALL BE INCLUDED IN THE SHOP DRAWINGS FOR THE ENGINEERS REVIEW. SHOP DRAWINGS WILL BE REJECTED IF SETTINGS ARE NOT INCLUDED THE MANUFACTURER OF THE MAIN SWITCHGEAR, AND/OR PANELBOARDS SHALL BE RESPONSIBLE FOR OBTAINING ALL INFORMATION FROM THE GENERATOR MANUFACTURER, HVAC MANUFACTURER, FIELD VERIFYING ANY EXISTING BREAKERS, OR OBTAINING ANY PIECE OF BREAKER DATA WHICH WILL BE NEEDED FOR THE COORDINATION STUDY.
    C. THE ELECTRICAL CONTRACTOR TO PROVIDE ARC FLASH LABELS ON ALL PANELS AS REQUIRED PER N.E.C. LABELING SHALL INCLUDE:
        1. THE PANEL NAME
        2. THE CLASSIFICATION
        3. THE SHOCK HAZARD LEVEL WHEN COVER IS REMOVED AND LIMITED.
        4. THE PROTECTION REQUIRED.
        5. THE RESTRICTED AND PROHIBITED APPROACH BOUNDARIES.
    D. THE MANUFACTURER OF THE MAIN SWITCHGEAR, AND/OR PANELBOARDS SHALL SELECT BREAKERS THAT ARE CAPABLE OF BEING ADJUSTED TO ALLOW FOR A MAXIMUM ARC FLASH RATING OF 3.
13. PROVIDE MIN. 24" HORIZONTAL SEPARATION BETWEEN BOXES INSTALLED IN OPPOSITE SIDES OF A SAME WALL AS INDICATED IN N.E.C. 300.21
14. ALL DISCONNECTS SHALL BE HEAVY DUTY RATED, WITH ARC GUARD, AND SHALL HAVE A MECHANICAL INTERLOCK TO PREVENT THE DOOR FROM BEING OPENED, WITHOUT DEFEATING THE INTERLOCK. THE MECHANICAL INTERLOCK SHALL ALSO PREVENT ACTIVATING THE SWITCH WHEN THE DOOR IS OPEN. THE MECHANICAL INTERLOCK SHALL BE DEFEATABLE BY A SPECIAL TOOL, AND SHALL BE U.L. LISTED AS PART OF THE DISCONNECT.
15. SERVICE GROUND IMPEDANCE SHALL BE MEASURED, AND SHALL BE 5 OHMS OR LESS. IF UPON MEASUREMENT, SERVICE GROUND READING EXCEEDS 5 OHMS, THEN ADDITIONAL GROUND RODS SHALL BE DRIVEN TO REDUCE READING TO 5 OHMS OR LESS. NOTIFY ENGINEER OF FINAL SERVICE GROUND MEASUREMENT.
16. BREAKERS THAT FEED CONTACTORS AND TIME CLOCKS TO BE CURRENT LIMITING TO ALLOW A MAXIMUM LET THRU OF 22K AIC WITH 80K AIC AVAILABLE.
17. ALL TERMINATIONS ON PANELS SHALL HAVE DUAL RATED 60°C/75°C LUGS.
18. PROVIDE INTERNAL OR EXTERNAL DISCONNECTING MEANS FOR EACH FLUORESCENT LUMINARE THAT UTILIZES DOUBLE-ENDED LAMPS AND CONTAIN BALLAST(S) THAT CAN BE SERVICED IN PLACE TO COMPLY WITH N.E.C. 410.130(G).
19. ELECTRICAL CONTRACTOR TO PROVIDE SEPARATE NEUTRAL FOR EACH BRANCH CIRCUIT TO MEET NEC 210.4. NO SHARED NEUTRALS OR MULTIPOLE BRANCH BREAKERS.
20. SERVICE CONDUCTORS SHALL CONFORM TO N.E.C. 230.6
21. ALL METAL HALIDE BALLAST SHALL BE PULSE START TYPE.
22. ALL TELECOMMUNICATIONS CONDUIT, SLEEVES, OR PATHWAYS ARE TO BE LONG SWEEPING TYPE. ALL CONDUITS (BENDING RADIUS) ARE TO BE INSTALLED PER MANUFACTURER'S AND TELECOM CONTRACTOR'S RECOMMENDATIONS.
23. THE ELECTRICAL CONTRACTOR SHALL FIELD SURVEY THE INTERIORS OF ALL PANELS AND SWITCHGEAR IN WHICH BREAKERS ARE BEING INSTALLED, AND VERIFY THAT ALL INTERIOR BUSSING AND FRAMES ARE AVAILABLE PRIOR TO SUBMISSION OF BID. ANY ADDITIONAL BUSSING REQUIRED WITHIN PANELS AND SWITCHGEAR SHALL BE INCLUDED IN BID PRICE.
24. ALL EGRESS LIGHTING SHALL COMPLY WITH N.C. BUILDING CODE SECTION 1006.2. THE ELECTRICAL CONTRACTOR SHALL VERIFY THIS IN THE FIELD AND ADD ADDITIONAL EMERGENCY LIGHTS IF REQUIRED.
25. NO OPEN FLAME DEVICES SHALL BE UTILIZED TO BEND PVC CONDUIT. ALL HEATING DEVICES MUST BE ENCLOSED FLAME (HEAT GUN OR HEAT ROLLER, NO TORCHES). ALL HEATING METHODS MUST BE APPROVED BY ELECTRICAL ENGINEER PRIOR TO INSTALLATION. ANY CONDUIT THAT HAS BEEN HEATED TO WHERE PVC IS DAMAGED OR DISCOLORED SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST.
26. ELECTRICAL CONTRACTOR TO VERIFY REFRIGERATION CIRCUITS ARE NOT OVERLOADED, LARGEST SIZE OF BREAKERS TO BE 30A FOR A/S AND LIGHTS, 15A ON CASE FANS (TYP.).
27. ENERGY MANAGEMENT SYSTEM LIMITS COINCIDENTAL DEMAND PER MDP TO LESS THAN 800 AMPS, ALLOWING FOR MORE THAN 20% SPARE CAPACITY. NO FUTURE EXPANSIONS ARE PLANNED. PANEL SIZE SHALL NOT BE INCREASED WITHOUT PRIOR APPROVAL OF OWNER.
28. FOR PANEL REQUIREMENTS VERIFY WITH REFRIGERATION SUMMARY. REFRIGERATION SUMMARY SHALL GOVERN DESIGN.
29. ELECTRICAL CONTRACTOR TO REMOVE ANY MULTIPLE LANDED CONDUCTORS ON A SINGLE BREAKER AND CONNECT EACH CONDUCTOR TO A SINGLE BREAKER.
30. ALL CIRCUITS FEEDING CASES SHALL BE LABELED WITH CASE REFRIGERATION CIRCUIT NUMBER ALONG WITH CASE TYPE. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL CIRCUITS.
31. ELECTRICAL CONTRACTOR VERIFY ALL CIRCUITS AND REMOVE ANY UNUSED CONDUCTORS IN ALL PANELS (FIELD VERIFY EACH BREAKER)

ELECTRICAL CONTRACTOR SHALL ENSURE THE FOLLOWING ITEMS ARE COMPLETE PRIOR TO CRESCENT COMMISSIONING VISIT:

1. REPLACE ALL MISSING, BROKEN, OR OTHERWISE DEFICIENT JUNCTION BOX/DEVICE COVERS FOR PROJECT CLOSEOUT. NON WEATHER PROOF DEVICE COVERS ARE TO BE STAINLESS STEEL. WEATHERPROOF DEVICE COVERS ARE TO BE INSTALLED IN PREP AREAS AND OUTSIDE, ALL WP COVERS ARE TO BE AL (ALUMINUM. )SEE CRESCENT REPORT FOR FURTHER INFO.
2. PROPERLY SEAL ALL CONDUITS ENTERING WALK-IN COOLERS AND FREEZERS TO PREVENT MOISTURE. SEE CRESCENT REPORT FOR FURTHER INFO.
3. PROVIDE AND INSTALL FOUR (4) 1" EMPTY CONDUITS WITH PULL STRINGS FROM NEW PANEL "OW" TO ABOVE ACCESSABLE CEILING SPACE FOR FUTURE USE.
4. REPLACE ALL MISSING LABELS AND TAGS ON PANELS, SAFETY DISCONNECTS, ELECTRICAL DISTRIBUTION EQUIPMENT MAIN BREAKERS. ALL CIRCUITS SHOULD BE PROPERLY LABELED WITH PHENOLIC TAGS, BLACK ON WHITE, 1.5" TALL. COORDINATE PHENOLIC TAG LABELS WITH ARCH FLASH REPORT PROVIDED BY CRESCENT.
5. VACUUM ALL BRANCH CIRCUIT PANELBOARDS AND ALL ELECTRICAL ENCLOSURE COVERS SHALL BE INSTALLED AND ADEQUATELY SECURE TO OBTAIN PROJECT CLOSEOUT. SEE CRESCENT REPORT FOR FURTHER INFO.
6. PLACE REFRIGERATION CONTROL CABLE IN CONDUIT.
7. TIE UP ALL LOW VOLTAGE AND MC CABLE. NO NEW MC CABLE IS TO BE INSTALLED AS A HOME RUN OR BE VERTICALLY EXPOSED ON A WALL/ CONSTRUCTED ASSEMBLY.
8. VERIFY ALL EMERGENCY LIGHTING BE ON A SCHEDULED CIRCUIT AND ON THE LINE SIDE OF ANY ENERGY MANAGEMENT CONTROL.
9. PROVIDE AND INSTALL CORRECTED TYPE-WRITTEN DATED PANEL SCHEDULES IN ELECTRICAL PANELS (NEW AND EXISTING) AT THE END OF THE PROJECT. HAND WRITTEN SCHEDULES SHALL BE MAINTAINED THROUGHOUT THE PROJECT.
10. ALL NEW DISCONNECTS SHALL BE GENERAL ELECTRIC, GENERAL DUTY AT MINIMUM ER RATED AS REQUIRED, AND NON FUSED UNLESS SPECIFIED OTHERWISE BY EQUIPMENT NAMEPLATE.
11. TRACE ALL CIRCUITS AND PROPERLY IDENTIFY THOSE CIRCUITS ON THE PANEL SCHEDULES. WHERE THE FOOD LION CONSTRUCTION MANAGER HAS DIRECTED THE ELECTRICAL CONTRACTOR TO LEAVE A SPARE BREAKER WIRED TO A CERTAIN END LOCATION, THE BREAKER SHALL BE LABELED "SPARE TO JUNCTION BOX AT END LOCATION." ALL SPARE UNUSED BREAKERS SHALL HAVE UNUSED WIRE REMOVED AND BREAKER LABELED AS SPARE.
12. CORRECT TERMINATIONS IN SWEAT MISER PANEL. SEE CRESCENT REPORT FOR FURTHER INFO.

## ELECTRICAL SINGLE LINE KEY NOTES ◇

1. PROVIDE PHENOLIC LABELING TO INDICATE THE EQUIPMENT SERVED. (CRESCENT POST-164)
2. REPLACE MISMATCHED FUSES WITH NEW FUSES PER EQUIPMENT NAMEPLATE. (CRESCENT POST-156)
3. PROVIDE NEW 175/3P 65KAIC CIRCUIT BREAKER WITH PADLOCK ATTACHMENT AND MOUNTING HARDWARE.
4. PROVIDE NEW FEEDER: (4)3/0, #4 G., 2" C.

## ELECTRICAL CONTRACTOR SWITCHGEAR NOTES:

ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL IN PANEL "MDP-2":
(1) NEW 175A/3P, 65 KAIC CIRCUIT BREAKER FOR THE NEW RACK OVEN.

COORDINATE FINAL REFRIGERATION SUMMARY WITH RISER DIAGRAM AND NOTIFY ENGINEER OF ANY DISCREPANCIES. COORDINATE REFRIGERATION RACK BREAKERS WITH FINAL REFRIGERATION SUMMARY PRIOR TO ORDERING ANY NEW BREAKERS.

THIS WORK SHALL BE COMPLETED EARLY IN THE PROJECT SEE EQUIPMENT DUTY REPORT IN ARC FLASH STUDY FOR DETAILS.

## ELECTRICAL DEFICIENCIES TO BE REPAIRED

THE FOLLOWING ITEMS HAVE BEEN NOTED AS FOOD LION REQUIRED REPAIRS AS INDICATED ON THE CRESCENT CONSTRUCTION SERVICES, LLC. ELECTRICAL SURVEY REPORT AND ALL COST INVOLVED WITH MAKING THE REPAIRS SHALL BE INCLUDED IN THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK FOR THIS PROJECT. ELECTRICAL CONTRACTOR SHALL REFER TO THE CRESCENT CONSTRUCTION SERVICES, LLC. ELECTRICAL SURVEY REPORT FOR ADDITIONAL INFORMATION AND REVIEW NOTES IN THIS LIST. THE ELECTRICAL CONTRACTOR SHALL LABEL ALL PANELS, COMPRESSOR RACKS AND DISCONNECTS WITH PROPER PHENOLIC TAGS.

| ITEM # | DESCRIPTION | SHEET # |
|---|---|---|
| POST-164 | Phenolic labeling deficiency, repair. -AHU-2 disconnect requires the proper phenolic labeling.-Cond A disconnect requires the proper phenolic labeling. -Cond D disconnect requires the proper phenolic labeling. -RTU-1 disconnect requires the proper phenolic labeling | E6.04 |
| POST-136 | Oversized Breakers; repair. Panel LB, -#16, 30-AMP breaker with #12 AWG, drawing 6.5 AMPs, labeled as "restroom corridor rec & water fountain"<br>Panel LC, -#16, 30-AMP breaker with #12 AWG, labeled as "Rec For Heat Tape In Meat Freezer"<br>Panel B, -#2, 30-AMP breaker with #12 AWG, drawing 0.8 AMPs, labeled as "menu board"<br>Repair; Verify branch circuit requirements per connected equipment nameplate, and correct as needed (No Overloads Accepted). | E6.01 |
| POST-135 | Double Terminations; Repair. The following panels have double terminations:Panel D; Circuits, #41. Panel B; Circuits, #11.<br>Repair, branch circuit panelboards are not to be used as junction boxes, remove all additional wiring, single terminations only. | E6.01 |
| POST-156 | Cond B disconnect deficiency; repair. Replace mismatched fuses as per equipment nameplate. | E6.04 |
| POST-163 | D/B RTU disconnect deficiency; repair. Replace mismatched fuses as per equipment nameplate | E6.04 |
| POST-133 | Install Egress Lighting x (3). Install fixtures on the following doors: right entry, left side, and DSD.<br>Provide dedicated, constant HOT power. Do Not mix power with any general lighting. Remove any existing egress/battery backup lighting in the area for right entry, and left side. | E1.01 |
| POST-134 | Update Egress Lighting x (2). Update fixtures on the following doors: left entry, and right side. Remove any existing remote battery packs, and provide 120v connections as needed. | E1.01 |
| POST-120 | Grinder-Repair. -Install strain relief on cord drop.<br>-Install proper phenolic label. | |
| POST-162 | Electrical General Notes; Add or Change: -All distribution sections, branch panels, main breakers & disconnects shall have phenolic labels, 1.5 inch black on white. Main breaker and safety disconnect labeling shall match. Electrical and mechanical drawings will dictate naming. Labels can be ordered from CD Controls the national account breaker supplier.<br>-Review all existing single pole breaker sizing, correct as needed per code and equipment nameplate.<br>-Emergency & Night Lighting circuits shall be dedicated, constant HOT, and not be mixed with any general lighting. | E6.04 |
| POST-161 | Existing Neutrals, Case Lighting & Fans. This only applies to new and relocated case work; lights and fans are to have dedicated neutrals. | E6.01 |
| POST-114 | Panel Schedule Labeling. All schedules are to be 100% accurate, on card stock, typed, dated, and installed in a clear pocket. EC shall go through ALL existing electrical panels to trace and verify all circuits for accuracy. Receptacles and lighting are to be labeled by area/location. Sales floor lighting circuits are to include row number. Case circuits are to reference refrigeration circuits. Spare is a breaker with no wire. Blank is an empty slot. All wired and active breakers shall be properly scheduled. Note: Wired breakers with no active load / device shall be labeled as Spare, Ending Location. Do Not remove existing panel schedules. Electronic copies of all panel schedules are required at closeout. | E4.01, E6.01 |
| POST-149 | Panel LA Data; Schedule Incorrect | E6.01 |
| POST-148 | Panel LB Data; Schedule Incorrect | E6.01 |
| POST-147 | Panel LC Data; Schedule Incorrect | E6.01 |
| POST-145 | Panel PA Data; Schedule Incorrect | E6.01 |
| POST-144 | Panel PB Data; Schedule Incorrect | E6.01 |
| POST-143 | Panel PC Data; Schedule Incorrect | E6.01 |
| POST-150 | Panel E Data; Schedule Incorrect | E6.01 |
| POST-151 | Panel D Data; Schedule Incorrect | E4.01 |
| POST-152 | Panel B Data; Schedule Incorrect | E4.01 |
| POST-158 | Panel OW-2 Data; Schedule Incorrect | E6.01 |
| POST-153 | Panel OW-1 Data; Schedule Incorrect | E6.01 |
| POST-154 | Panel CR Data; Schedule Incorrect | E6.01 |

MECKLENBURG COUNTY CODE ENFORCEMENT

The Design In These Construction Documents Have Been Reviewed For Compliance With The State Building Code. It Is The Responsibility Of The Contractor To Construct This Project With Good Engineering Practice And In Compliance With The North Carolina State Building Code.

ALLIANCE ARCHITECTURE OF THE TRIAD
720 Coliseum Drive, Suite 112
Winston-Salem, NC 27106
Phone: 336-722-4447

PROFESSIONAL'S SEAL:

NORTH CAROLINA PROFESSIONAL SEAL 16975 ENGINEER KARL A.R. PAGE

08/21/2024
CORPORATE SEAL:

PAGE INTERWORKS, P.A.
ENGINEERS & CONSULTANTS
P.C. BUSINESS FIRM #C-1584
AUDIO/VISUAL
923 MAIN STREET, NORTH WILKESBORO, NC 28659
PHONE: 336-667-4225 FAX: 336-667-4332

REVISIONS
NO DATE REMARKS

ahold delhaize USA

FOOD LION
2110 Executive Drive, Salisbury, NC 28145
telephone: 704.633.8250
foodlion.com
Food Lion is an AHOLD DELHAIZE company.

# FOOD LION REMODEL STORE #2216

6275 WILSON GROVE ROAD
MINT HILL, NC 28227

PROJECT NO: 2216FLMK24
DATE: 06/21/2024
44 OF 44
E6.04
ELECTRICAL RISER DIAGRAM & NOTES
CHECKED: DOD DRAWN: AMP