# FOOD LION

Interior Alteration For

## Store No. 1238

11800 Old National Pike
New Market, MD 21774

## 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 | TB | TACKBOARD / TELEPHONE BOOTH |
| CONST | CONSTRUCT (ION) | HB | HOSE BIBB | | DIMENSION | 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 | PL | PLATE / PROPERTY LINE | UTIL | UTILITY |
| DI | DROP INLET | | CONDITIONING | PLAS | PLASTIC / PLASTER | | |
| DIA | DIAMETER | HW | HOT WATER | PLAM | PLASTIC LAMINATE | V | VACUUM / VENT (ED) (ILATOR) |
| DIM | DIMENSION (ED) | | | PLBG | PLUMBING | VB | VAPOR BARRIER |
| DISP | DISPENSER | ID | INSIDE DIAMETER / INSIDE | PLYWD | PLYWOOD | VCT | VINYL COMPOSITION TILE |
| DIV | DIVISION | | DIMENSION | PNL | PANEL | VERT | VERTICAL |
| DN | DOWN | IN | INCH | PP | POWER POLE | VEST | VESTIBULE |
| DR | DRAIN / DOOR | INCL | INCLUDE | PR | PAIR | VOL | VOLUME |
| DRWG | DRAWING | INFO | INFORMATION | PSF | POUNDS PER SQUARE FOOT | W | WATER / WEST / WIDE / WIDTH |
| DS | DOWNSPOUT | INS | INSULATE (ED) (ING) (ION) | PSI | POUNDS PER SQUARE INCH | W/ | WITH |
| DW | DUMBWAITER / DISHWASHER | INST | INSTALL (ED) (ATION) | PT | POINT (ED) / PAINT (ED) (ING) | WC | WATER CLOSET |
| DWR | DRAWER | INT | INTERIOR | PVC | POLYVINYL CHLORIDE | WD | WOOD |
| | | INV | INVERT (ED) | | | WDW | WINDOW |
| E | EAST | | | QT | QUARRY TILE | WH | WALL HYDRANT / WATER HEATER |
| EA | EACH | KO | KNOCKOUT | | | W/O | WITHOUT |
| EB | EXPANSION BOLT | KP | KICK PLATE | | RISER | WP | WATERPROOF / WEATHERPROOF |
| EJ | EXPANSION JOINT | KS | KNEE SPACE | RCP | REINFORCED CONCRETE PIPE | WR | WATER RESISTANT |
| EL | ELEVATE (ED) (ION) | | | RD | ROOF DRAIN | WS | WEATHER STRIPPING / WOOD SCREW |
| ELEC | ELECTRIC (AL) | L | LONG / LENGTH / LITERS | RE: | REFER TO | WT | WATERTIGHT / WEIGHT |
| ELEV | ELEVATOR | LAM | LAMINATE (ED) (ION) | RECPT | RECEPTION / RECEPTACLE | WWF | WELDED WIRE FABRIC |
| EQ | EQUAL (LY) | LAV | LAVATORY | | | | |
| EQUIP | EQUIPMENT | | | | | | |

## NATIONAL ACCOUNTS QUICK REFERENCE SHEET

UPDATED 01-15-2020

| EQUIPMENT | SUPPLIER | CONTACT PERSON | EMAIL ADDRESS | CONTACT PERSON |
|---|---|---|---|---|
| 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@GSACLT.COM | (704) 376-4775 |
| HOLLOW METAL DOORS & HARDWARE | BA HOLT | 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 |
| POWER WALL | CD CONTROLS | ED RIOS | EDRIOS@CDCONTROLS.COM | (540) 292-0779<br>(706) 356-0325 |
| SINKS | JOHN BOOS | MICHELLE HARRELSON/<br>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/<br>LISA WINDLE | CS1@HEFCOLLC.COM; CS4@HEFCOLLC.COM | (800) 327-1817 |
| VESTIBULE CARPET | PORTICO SYSTEMS | STEVE HARRISON/<br>BILL LONG | SHARRISON@PORTICOSYSTEMS.COM;<br>BLONG@PORTICOSYSTEMS.COM | (864) 527-3148 |
| WATER FOUNTAINS, WATER HEATERS, STANDS, AND AQUASTAT (THERMASTORE) | WW GRAINGER | NATALIE LEBRON | NATALIE.LEBRON@GRAINGER.COM | (704) 280-7061 |

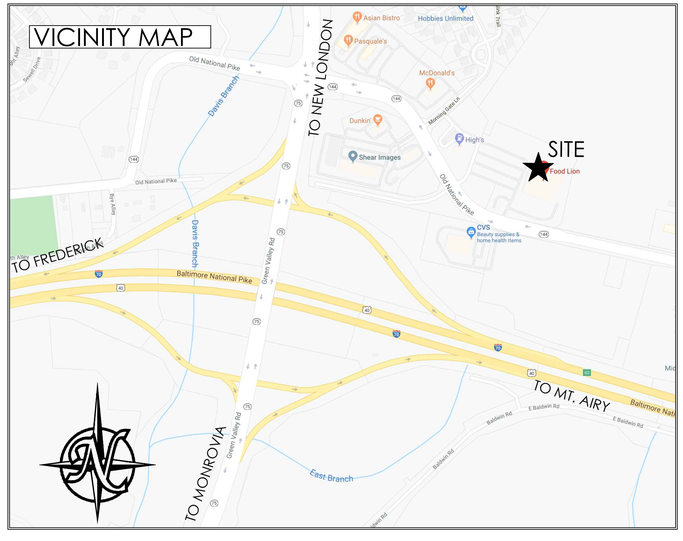
## GRAPHIC AND MATERIAL INDICATIONS

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
CENTER LINE, FLOOR LINE ON EXT. ELEV.,PROJECTED LINES

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

## VICINITY MAP




## 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 |

## 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. THE GENERAL CONTRACTOR MUST PROVIDE A CLEANUP PERSON ONCE THE SALES FLOOR WORK HAS STARTED TO DO NOTHING BUT CLEAN, MOP, DUST, ETC. THIS PERSON MUST BE IDENTIFIED TO THE CONSTRUCTION SUPERVISOR, STORE MANAGER AND CONSTRUCTION SPECIALIST. DAILY LIST MAY BE PROVIDED. CONSTRUCTION RELATED CLEANING ONLY.

3. THE GENERAL CONTRACTOR SHALL CAREFULLY EXAMINE THE CURRENT ASBESTOS SURVEY REPORT PROVIDED BY FOOD LION TO FAMILIARIZE THEMSELVES WITH ANY ASBESTOS CONTAMINATION CONTAINED IN THE PROJECT. ALL HANDLING, ABATEMENT OR REMOVAL OF ASBESTOS SHALL BE IN COMPLETE COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS.

4. THE GENERAL CONTRACTOR SHALL ASSURE THAT ANY ASBESTOS ABATEMENT AREA WILL NOT BE OCCUPIED UNTIL ALL RESPONSE ACTIONS HAVE BEEN COMPLETED AND FINAL LEVELS FOR RE-OCCUPANCY OF THE ABATEMENT AREA SHALL BE 0.01 OR FEWER ASBESTOS FIBERS PER CUBIC CENTIMETER IF DETERMINED BY PHASE CONTRAST MICROSCOPY ANALYSIS (PCM) OR 70 OR FEWER ASBESTOS FIBERS PER SQUARE MILLIMETER IF DETERMINED BY TRANSMISSION ELECTRON MICROSCOPY ANALYSIS (TEM).

5. GENERAL CONTRACTOR SHALL VIDEO TAPE OR PHOTOGRAPH EXISTING EXTERIOR CONDITIONS AT STORE PRIOR TO ANY WORK BEGINNING. THIS SHOULD ESPECIALLY INCLUDE THE CONDITIONS OF THE ROOF AND ASPHALT DRIVES AND PARKING AREAS. ANY BACKCHARGES BY THE LANDLORD THAT CANNOT BE PROVEN FALSE BY EXISTING PHOTOGRAPHS WILL BE PAID BY THE GENERAL CONTRACTOR.

6. THE GENERAL CONTRACTORS ARE NOW RESPONSIBLE FOR MAINTAINING PERSONNEL AT ALL TIMES ON THE JOB SITE. THERE MUST BE A JOB SUPERINTENDENT AND LEAD CARPENTER ASSIGNED TO ONE JOB AND HAVE BOTH DAY AND NIGHT COVERAGE. THIS WILL ENSURE ALL DELIVERIES ARE BEING ACCEPTED BY SOMEONE FROM THE GENERAL CONTRACTOR.

7. GENERAL CONTRACTOR MUST INSURE THAT THEY AND ALL SUBS RELATED TO THE REMODEL; RECEIVE A COPY OF THE REFRIGERATION SUMMARY, ASBESTOS SURVEY, SPECIFICATION BOOK, DRAIN RECOMMENDATION REPORT (BY CRESCENT), ELECTRICAL SURVEY (BY CRESCENT) ETC. SO THE SUB CAN RESEARCH AND INCORPORATE A PRICE APPROPRIATELY FOR THE WORK TO INCLUDE LABOR AND MATERIAL.

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

9. 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.

## INDEX OF DRAWINGS


| COVER SHEET | | REVISIONS NUMBER | DATE |
|---|---|---|---|
| G1.01 | COVER SHEET | | |
| | APPENDIX B | | |
| G1.03 | LIFE SAFETY PLAN | | |
| **ARCHITECTURAL** | | | |
| A0.02 | EXISTING FIXTURE PLAN | | |
| A0.03 | ARCHITECTURAL DEMOLITION PLAN | | |
| A1.01 | REVISED FIXTURE PLAN | | |
| A1.02 | SLAB/FOUNDATION PLAN | | |
| A1.03 | FLOOR PLAN | | |
| A1.04 | REFLECTED CEILING PLAN | | |
| A1.05 | FLOOR FINISH PLAN | | |
| A1.06 | ROOF PLAN | | |
| A2.01 | EXTERIOR ELEVATIONS | | |
| A2.02 | INTERIOR ELEVATIONS | | |
| A3.01 | WALL SECTIONS | | |
| A4.01 | DELI/BAKERY FIXTURE PLAN | | |
| A4.03 | ENLARGED RESTROOM PLANS & DETAILS | | |
| A4.04 | ENLARGED FRONT END AND VESTIBULE PLAN | | |
| A4.06 | ENLARGED OFFICE AND LOUNGE PLANS AND ELEVATIONS | | |
| A5.01 | MISCELLANEOUS DETAILS | | |
| A6.01 | ROOM FINISH SCHEDULE | | |
| A6.02 | WINDOW & DOOR FINISH SCHEDULES | | |
| **STRUCTURAL** | | | |
| S1.02 | ROOF FRAMING PLAN | | |
| S5.01 | STRUCTURAL DETAILS | | |
| S5.02 | STRUCTURAL DETAILS | | |
| **FIRE PROTECTION** | | | |
| FP1.01 | FIRE PROTECTION INTENT PLAN | | |
| **PLUMBING** | | | |
| P0.01 | PLUMBING DEMOLITION PLAN | | |
| P1.01 | SANITARY SEWER AND DRAIN PLAN | | |
| P1.02 | REFRIGERATION PIT AND CONDUIT PLAN | | |
| P1.03 | WATER PIPING PLAN | | |
| P6.01 | PLUMBING SCHEDULE | | |
| P7.01 | RISER DIAGRAMS | | |
| **MECHANICAL** | | | |
| M0.01 | MECHANICAL DEMOLITION PLAN | | |
| M1.01 | MECHANICAL FLOOR PLAN | | |
| M4.01 | DELI/BAKERY RENOVATION PLAN | | |
| M4.02 | DELI/BAKERY HOOD DETAILS | | |
| M5.01 | MECHANICAL DETAILS | | |
| M6.01 | MECHANICAL SCHEDULES | | |
| **ELECTRICAL** | | | |
| E0.01 | ELECTRICAL DEMOLITION PLAN | | |
| E1.01 | ELECTRICAL LIGHTING PLAN | | |
| E1.02 | ELECTRICAL POWER PLAN | | |
| E1.03 | ELECTRICAL REFRIGERATION PLAN | | |
| E2.01 | ELECTRICAL ELEVATIONS AND DETAILS | | |
| E4.01 | ENLARGED DELI / BAKERY ELECTRICAL PLAN | | |
| E4.02 | CUSTOMER SERVICE, WORKROOM AND CHECKOUT POWER PLAN | | |
| E4.03 | CUSTOMER SERVICE, WORKROOM AND CHECKOUT COMMUNICATION PLAN | | |
| E4.04 | DEPARTMENT MANAGER'S OFFICE AND ASSOCIATES TRAINING POWER AND COMMUNICATION PLAN | | |
| E5.01 | ELECTRICAL DETAILS | | |
| E6.01 | ELECTRICAL PANEL SCHEDULES | | |
| E6.02 | ELECTRICAL SCHEDULES AND DIAGRAMS | | |
| E6.03 | ELECTRICAL NOTES AND EMS LOAD SCHEDULE | | |
| E6.04 | ELECTRICAL RISER DIAGRAM AND NOTES | | |



YCH ARCHITECTS
Yates-Chreitzberg-Hughes Architects, Corp.
Architecture
Interior Design
Land Planning
Project Management


**Professional Seals**

"PROFESSIONAL CERTIFICATION.

I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number 10841, expiration date 08-30-2020."

STATE OF MARYLAND · DENNIS P. YATES · 10841 · ARCHITECT
02-14-2020

Interior Alteration For: FOOD LION
2110 Executive Drive, Salisbury, NC 28145 / Ph: 704.633.8250
Store No. 1238
11800 Old National Pike
New Market, MD 21774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**Date: 02-14-2020**
Revisions:

COVER SHEET

Architectural
**G1.01**
YCH Commission Number
**19032.00**


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Friday, February 21, 2020 5:02:24 PM E:\2019\19032.00 Food Lion 1238 New Market MD\1_Working\Arch\Cad\1238 G1.01_00.dwg

# FOOD LION

Interior Alteration For

## Store No. 1238

11800 Old National Pike
New Market, MD 21774

## 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 | TB | TACKBOARD / TELEPHONE BOOTH |
| CONST | CONSTRUCT (ION) | HB | HOSE BIBB | | DIMENSION | 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 | PL | PLATE / PROPERTY LINE | UTIL | UTILITY |
| DI | DROP INLET | | CONDITIONING | PLAS | PLASTIC / PLASTER | | |
| DIA | DIAMETER | HW | HOT WATER | PLAM | PLASTIC LAMINATE | V | VACUUM / VENT (ED) (ILATOR) |
| DIM | DIMENSION (ED) | | | PLBG | PLUMBING | VB | VAPOR BARRIER |
| DISP | DISPENSER | ID | INSIDE DIAMETER / INSIDE | PLYWD | PLYWOOD | VCT | VINYL COMPOSITION TILE |
| DIV | DIVISION | | DIMENSION | PNL | PANEL | VERT | VERTICAL |
| DN | DOWN | IN | INCH | PP | POWER POLE | VEST | VESTIBULE |
| DR | DRAIN / DOOR | INCL | INCLUDE | PR | PAIR | VOL | VOLUME |
| DRWG | DRAWING | INFO | INFORMATION | PSF | POUNDS PER SQUARE FOOT | W | WATER / WEST / WIDE / WIDTH |
| DS | DOWNSPOUT | INS | INSULATE (ED) (ING) (ION) | PSI | POUNDS PER SQUARE INCH | W/ | WITH |
| DW | DUMBWAITER / DISHWASHER | INST | INSTALL (ED) (ATION) | PT | POINT (ED) / PAINT (ED) (ING) | WC | WATER CLOSET |
| DWR | DRAWER | INT | INTERIOR | PVC | POLYVINYL CHLORIDE | WD | WOOD |
| | | INV | INVERT (ED) | | | WDW | WINDOW |
| E | EAST | | | QT | QUARRY TILE | WH | WALL HYDRANT / WATER HEATER |
| EA | EACH | KO | KNOCKOUT | | | W/O | WITHOUT |
| EB | EXPANSION BOLT | KP | KICK PLATE | | RISER | WP | WATERPROOF / WEATHERPROOF |
| EJ | EXPANSION JOINT | KS | KNEE SPACE | RCP | REINFORCED CONCRETE PIPE | WR | WATER RESISTANT |
| EL | ELEVATE (ED) (ION) | | | RD | ROOF DRAIN | WS | WEATHER STRIPPING / WOOD SCREW |
| ELEC | ELECTRIC (AL) | L | LONG / LENGTH / LITERS | RE: | REFER TO | WT | WATERTIGHT / WEIGHT |
| ELEV | ELEVATOR | LAM | LAMINATE (ED) (ION) | RECPT | RECEPTION / RECEPTACLE | WWF | WELDED WIRE FABRIC |
| EQ | EQUAL (LY) | LAV | LAVATORY | | | | |
| EQUIP | EQUIPMENT | | | | | | |

## NATIONAL ACCOUNTS QUICK REFERENCE SHEET

UPDATED 01-15-2020

| EQUIPMENT | SUPPLIER | CONTACT PERSON | EMAIL ADDRESS | CONTACT PERSON |
|---|---|---|---|---|
| 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@GSACLT.COM | (704) 376-4775 |
| HOLLOW METAL DOORS & HARDWARE | BA HOLT | 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 |
| POWER WALL | CD CONTROLS | ED RIOS | EDRIOS@CDCONTROLS.COM | (540) 292-0779<br>(706) 356-0325 |
| SINKS | JOHN BOOS | MICHELLE HARRELSON/<br>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/<br>LISA WINDLE | CS1@HEFCOLLC.COM; CS4@HEFCOLLC.COM | (800) 327-1817 |
| VESTIBULE CARPET | PORTICO SYSTEMS | STEVE HARRISON/<br>BILL LONG | SHARRISON@PORTICOSYSTEMS.COM;<br>BLONG@PORTICOSYSTEMS.COM | (864) 527-3148 |
| WATER FOUNTAINS, WATER HEATERS, STANDS, AND AQUASTAT (THERMASTORE) | WW GRAINGER | NATALIE LEBRON | NATALIE.LEBRON@GRAINGER.COM | (704) 280-7061 |

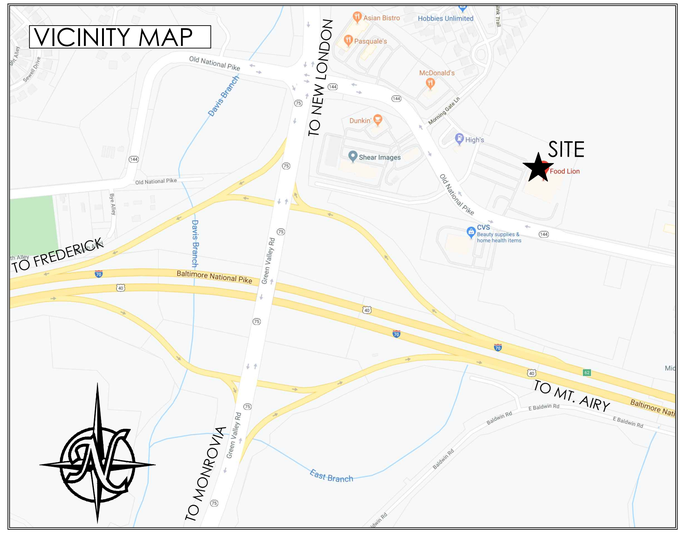
## GRAPHIC AND MATERIAL INDICATIONS

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
CENTER LINE, FLOOR LINE ON EXT. ELEV.,PROJECTED LINES

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

## VICINITY MAP




## 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 |

## 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. THE GENERAL CONTRACTOR MUST PROVIDE A CLEANUP PERSON ONCE THE SALES FLOOR WORK HAS STARTED TO DO NOTHING BUT CLEAN, MOP, DUST, ETC. THIS PERSON MUST BE IDENTIFIED TO THE CONSTRUCTION SUPERVISOR, STORE MANAGER AND CONSTRUCTION SPECIALIST. DAILY LIST MAY BE PROVIDED. CONSTRUCTION RELATED CLEANING ONLY.

3. THE GENERAL CONTRACTOR SHALL CAREFULLY EXAMINE THE CURRENT ASBESTOS SURVEY REPORT PROVIDED BY FOOD LION TO FAMILIARIZE THEMSELVES WITH ANY ASBESTOS CONTAMINATION CONTAINED IN THE PROJECT. ALL HANDLING, ABATEMENT OR REMOVAL OF ASBESTOS SHALL BE IN COMPLETE COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS.

4. THE GENERAL CONTRACTOR SHALL ASSURE THAT ANY ASBESTOS ABATEMENT AREA WILL NOT BE OCCUPIED UNTIL ALL RESPONSE ACTIONS HAVE BEEN COMPLETED AND FINAL LEVELS FOR RE-OCCUPANCY OF THE ABATEMENT AREA SHALL BE 0.01 OR FEWER ASBESTOS FIBERS PER CUBIC CENTIMETER IF DETERMINED BY PHASE CONTRAST MICROSCOPY ANALYSIS (PCM) OR 70 OR FEWER ASBESTOS FIBERS PER SQUARE MILLIMETER IF DETERMINED BY TRANSMISSION ELECTRON MICROSCOPY ANALYSIS (TEM).

5. GENERAL CONTRACTOR SHALL VIDEO TAPE OR PHOTOGRAPH EXISTING EXTERIOR CONDITIONS AT STORE PRIOR TO ANY WORK BEGINNING. THIS SHOULD ESPECIALLY INCLUDE THE CONDITIONS OF THE ROOF AND ASPHALT DRIVES AND PARKING AREAS. ANY BACKCHARGES BY THE LANDLORD THAT CANNOT BE PROVEN FALSE BY EXISTING PHOTOGRAPHS WILL BE PAID BY THE GENERAL CONTRACTOR.

6. THE GENERAL CONTRACTORS ARE NOW RESPONSIBLE FOR MAINTAINING PERSONNEL AT ALL TIMES ON THE JOB SITE. THERE MUST BE A JOB SUPERINTENDENT AND LEAD CARPENTER ASSIGNED TO ONE JOB AND HAVE BOTH DAY AND NIGHT COVERAGE. THIS WILL ENSURE ALL DELIVERIES ARE BEING ACCEPTED BY SOMEONE FROM THE GENERAL CONTRACTOR.

7. GENERAL CONTRACTOR MUST INSURE THAT THEY AND ALL SUBS RELATED TO THE REMODEL; RECEIVE A COPY OF THE REFRIGERATION SUMMARY, ASBESTOS SURVEY, SPECIFICATION BOOK, DRAIN RECOMMENDATION REPORT (BY CRESCENT), ELECTRICAL SURVEY (BY CRESCENT) ETC. SO THE SUB CAN RESEARCH AND INCORPORATE A PRICE APPROPRIATELY FOR THE WORK TO INCLUDE LABOR AND MATERIAL.

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

9. 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.

## INDEX OF DRAWINGS


| COVER SHEET | | REVISIONS NUMBER | DATE |
|---|---|---|---|
| G1.01 | COVER SHEET | | |
| | APPENDIX B | | |
| G1.03 | LIFE SAFETY PLAN | | |
| **ARCHITECTURAL** | | | |
| A0.02 | EXISTING FIXTURE PLAN | | |
| A0.03 | ARCHITECTURAL DEMOLITION PLAN | | |
| A1.01 | REVISED FIXTURE PLAN | | |
| A1.02 | SLAB/FOUNDATION PLAN | | |
| A1.03 | FLOOR PLAN | | |
| A1.04 | REFLECTED CEILING PLAN | | |
| A1.05 | FLOOR FINISH PLAN | | |
| A1.06 | ROOF PLAN | | |
| A2.01 | EXTERIOR ELEVATIONS | | |
| A2.02 | INTERIOR ELEVATIONS | | |
| A3.01 | WALL SECTIONS | | |
| A4.01 | DELI/BAKERY FIXTURE PLAN | | |
| A4.03 | ENLARGED RESTROOM PLANS & DETAILS | | |
| A4.04 | ENLARGED FRONT END AND VESTIBULE PLAN | | |
| A4.06 | ENLARGED OFFICE AND LOUNGE PLANS AND ELEVATIONS | | |
| A5.01 | MISCELLANEOUS DETAILS | | |
| A6.01 | ROOM FINISH SCHEDULE | | |
| A6.02 | WINDOW & DOOR FINISH SCHEDULES | | |
| **STRUCTURAL** | | | |
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| S5.01 | STRUCTURAL DETAILS | | |
| S5.02 | STRUCTURAL DETAILS | | |
| **FIRE PROTECTION** | | | |
| FP1.01 | FIRE PROTECTION INTENT PLAN | | |
| **PLUMBING** | | | |
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| P1.01 | SANITARY SEWER AND DRAIN PLAN | | |
| P1.02 | REFRIGERATION PIT AND CONDUIT PLAN | | |
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| **MECHANICAL** | | | |
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| M1.01 | MECHANICAL FLOOR PLAN | | |
| M4.01 | DELI/BAKERY RENOVATION PLAN | | |
| M4.02 | DELI/BAKERY HOOD DETAILS | | |
| M5.01 | MECHANICAL DETAILS | | |
| M6.01 | MECHANICAL SCHEDULES | | |
| **ELECTRICAL** | | | |
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| E1.01 | ELECTRICAL LIGHTING PLAN | | |
| E1.02 | ELECTRICAL POWER PLAN | | |
| E1.03 | ELECTRICAL REFRIGERATION PLAN | | |
| E2.01 | ELECTRICAL ELEVATIONS AND DETAILS | | |
| E4.01 | ENLARGED DELI / BAKERY ELECTRICAL PLAN | | |
| E4.02 | CUSTOMER SERVICE, WORKROOM AND CHECKOUT POWER PLAN | | |
| E4.03 | CUSTOMER SERVICE, WORKROOM AND CHECKOUT COMMUNICATION PLAN | | |
| E4.04 | DEPARTMENT MANAGER'S OFFICE AND ASSOCIATES TRAINING POWER AND COMMUNICATION PLAN | | |
| E5.01 | ELECTRICAL DETAILS | | |
| E6.01 | ELECTRICAL PANEL SCHEDULES | | |
| E6.02 | ELECTRICAL SCHEDULES AND DIAGRAMS | | |
| E6.03 | ELECTRICAL NOTES AND EMS LOAD SCHEDULE | | |
| E6.04 | ELECTRICAL RISER DIAGRAM AND NOTES | | |



YCH ARCHITECTS
Yates-Chreitzberg-Hughes Architects, Corp.
Architecture
Interior Design
Land Planning
Project Management


**Professional Seals**

"PROFESSIONAL CERTIFICATION.

I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number 10841, expiration date 08-30-2020."

STATE OF MARYLAND · DENNIS P. YATES · 10841 · ARCHITECT
02-14-2020

Interior Alteration For: FOOD LION
2110 Executive Drive, Salisbury, NC 28145 / Ph: 704.633.8250
Store No. 1238
11800 Old National Pike
New Market, MD 21774


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Project No.: 1238FLMK20
File Name: 1238 G1.01_00.dwg
**Date: 02-14-2020**
Revisions:

COVER SHEET

Architectural
**G1.01**
YCH Commission Number
**19032.00**


7035 Northwinds Dr NW
Concord, NC 28027
704 . 788 . 2000
ycharch.com



Friday, February 21, 2020 5:02:24 PM E:\2019\19032.00 Food Lion 1238 New Market MD\1_Working\Arch\Cad\1238 G1.01_00.dwg

# 2018 BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)

NAME OF PROJECT: FOOD LION STORE #1238 TAX MAP NUMBER: 0079/0296
ADDRESS: 11800 OLD NATIONAL PIKE CITY/STATE: NEW MARKET, MD ZIPCODE: 21774
PROPOSED USE: EXISTING GROCERY STORE
OWNER/AUTHORIZED AGENT: FOOD LION CONSTRUCTION MANAGER Phone: (704) 633-8250 E-Mail: ----
OWNED BY: [ ] City/County [X] Private [ ] State
CODE ENFORCEMENT JURISDICTION [ ] City ______ [X] County FREDERICK
ZONING ENFORCEMENT JURISDICTION [ ] City ______ [X] County FREDERICK

LEAD DESIGN PROFESSIONAL: DENNIS E. YATES, AIA

| DESIGNER | FIRM | NAME | LICENSE | PHONE | E-Mail |
|---|---|---|---|---|---|
| ARCHITECTURAL: | YCH ARCHITECTS | DENNIS E. YATES, AIA | 10841 | (704) 788-2000 | |
| CIVIL/SITE DEVELOPMENT: | N/A | | | | |
| ELECTRICAL: | STURGILL ENGINEERING | RANDALL W. STURGILL, PE | 14676 | (336) 238-1249 | |
| FIRE ALARM: | N/A | | | | |
| PLUMBING: | BOWERS CONSULTING | MICHAEL D. BOWERS, PE | 41658 | (704) 630-0075 | |
| MECHANICAL: | BOWERS CONSULTING | MICHAEL D. BOWERS, PE | 41658 | (704) 630-0075 | |
| SPRINKLER-STANDPIPE: | N/A | | | | |
| STRUCTURAL: | ARP ENGINEERING | DEAN ARP, PE | 29508 | (704) 225-0079 | |
| RETAINING WALLS >5' HIGH: | N/A | | | | |
| OTHER: | N/A | | | | |

2018 INTERNATIONAL BUILDING CODE [ ] NEW CONSTRUCTION [ ] ADDITION [ ] UPFIT
EXISTING: [ ] RECONSTRUCTION [X] ALTERATION [ ] REPAIR [ ] RENOVATION
CONSTRUCTED: (Date) 1995 ORIGINAL USE(S)(Ch. 3): MERCANTILE
RENOVATED: (Date) 2005 CURRENT USE(S)(Ch. 3): MERCANTILE
PROPOSED USE(S)(Ch. 3): MERCANTILE

BASIC BUILDING DATA:
CONSTRUCTION TYPE: (check all that apply) [ ] I-A [ ] II-A [ ] III-A [ ] IV [ ] V-A [ ] I-B [X] II-B [ ] III-B [ ] V-B
SPRINKLERS: [ ] NO [ ] PARTIAL [X] YES [X] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D
STANDPIPES: [X] NO [ ] YES CLASS [ ] I [ ] II [ ] III [ ] WET [ ] DRY
FIRE DISTRICT: [X] NO [ ] YES (Primary) FLOOD HAZARD AREA: [X] NO [ ] YES
BUILDING HEIGHT: (Feet) 32
GROSS BUILDING AREA:

| FLOOR | EXISTING (SQ FT) | NEW (SQ FT) | SUB-TOTAL (SQ FT) |
|---|---|---|---|
| 6th FLOOR | | | |
| 5th FLOOR | | | |
| 4th FLOOR | | | |
| 3rd FLOOR | | | |
| 2nd FLOOR | | | |
| MEZZANINE | | | |
| 1st FLOOR | 38,158 SF | | 38,158 SF |
| BASEMENT | | | |
| TOTAL | 38,158 SF | | 38,158 SF |

OCCUPANCY:
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 [ ] I-2 [ ] I-3 [ ] I-4
I-3 CONDITION [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
MERCANTILE [X]
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 & MISCELLANEOUS [ ]

ACCESSORY OCCUPANCIES:
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 [ ] I-2 [ ] I-3 [ ] I-4
I-3 CONDITION [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
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 & MISCELLANEOUS [ ]

INCIDENTAL USES: (Table 509)
- [ ] FURNACE ROOMS WHERE ANY PIECE IF EQUIPMENT IS OVER 400,000 BTU PER HOUR INPUT
- [ ] ROOMS WITH BOILERS WHERE THE LARGEST PIECE OF EQUIPMENT IS OVER 15 PSI AND 10 HORSEPOWER
- [X] REFRIGERANT MACHINERY ROOM
- [ ] HYDROGEN FUEL GAS ROOMS, NOT CLASSIFIED AS GROUP H
- [ ] INCINERATOR ROOMS
- [ ] PAINT SHOPS, NOT CLASSIFIED AS GROUP H, LOCATED IN OCCUPANCIES OTHER THAN GROUP F
- [ ] IN GROUP E OCCUPANCIES, LABORATORIES AND VOCATIONAL SHOPS, NOT CLASSIFIED AS GROUP H
- [ ] IN GROUP I-2 OCCUPANCIES, LABORATORIES NOT CLASSIFIED AS GROUP H
- [ ] IN AMBULATORY CARE FACILITIES, LABORATORIES NOT CLASSIFIED AS GROUP H
- [ ] LAUNDRY ROOMS OVER 100 SQUARE FEET
- [ ] IN GROUP I-2, LAUNDRY ROOMS OVER 100 SQUARE FEET
- [ ] GROUP I-3 CELLS AND I-2 PATIENT ROOMS EQUIPPED WITH PADDED SURFACES
- [ ] GROUP I-2 PHYSICAL PLANT MAINTENANCE SHOPS
- [ ] IN AMBULATORY CARE FACILITIES AND GROUP I-2 OCCUPANCIES, WASTE AND LINEN COLLECTION ROOMS WITH CONTAINERS THAT HAVE AN AGGREGATE VOLUME OF 10 CUBIC FEET OR GREATER
- [ ] IN OTHER THAN AMBULATORY CARE FACILITIES AND GROUP I-2 OCCUPANCIES, WASTE AND LINEN COLLECTION ROOMS OVER 100 SQUARE FEET
- [ ] IN AMBULATORY CARE FACILITIES AND GROUP I-2 OCCUPANCIES, WASTE AND LINEN COLLECTION ROOMS OVER 100 SQUARE FEET
- [ ] STATIONARY STORAGE BATTERY SYSTEMS HAVING LIQUID ELECTROLYTE CAPACITY OF MORE THAN 50 GALLONS, OR A LITHIUM-ION LITHIUM-ION CAPACITY OF 1,000 POUNDS USED FOR FACILITY STANDBY POWER, EMERGENCY POWER OR UNINTERRUPTED POWER SUPPLIES ROOMS CONTAINING FIRE PUMPS
- [ ] ELECTRICAL INSTALLATIONS AND TRANSFORMERS

SPECIAL USES: [ ] 402 [ ] 403 [ ] 404 [ ] 405 [ ] 406 [ ] 407 [ ] 408 [ ] 409 [ ] 410 [ ] 411 [ ] 412 [ ] 413 [ ] 414 [ ] 415 [ ] 416 [ ] 417 [ ] 418 [ ] 419 [ ] 420 [ ] 421 [ ] 422 [ ] 423 [ ] 424 [ ] 425 [ ] 426 [ ] 427 [ ] 428
SPECIAL PROVISIONS: [ ] NO [ ] YES
MIXED OCCUPANCY: [X] NO [ ] YES SEPARATION: ______ HR. EXCEPTION: ______
[ ] INCIDENTAL USE SEPARATION (508.2.5) [ ] ACCESORY OCCUPANCY (508.2)

[ ] NON-SEPARATED MIXED OCCUPANCY (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 MIXED OCCUPANCY (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. (508.4.2)

$$\frac{\text{ACTUAL AREA OF OCCUPANCY A}}{\text{ALLOWABLE AREA OF OCCUPANCY A}} + \frac{\text{ACTUAL AREA OF OCCUPANCY B}}{\text{ALLOWABLE AREA OF OCCUPANCY B}} \leq 1$$

N/A + N/A = ≤ 1

NO CHANGE TO EXISTING

| STORY NO. | DESCRIPTION AND USE | (A) BLDG AREA PER STORY (ACTUAL) | (B) TABLE 506.2[4] AREA | (C) 1ExB AREA FOR OPEN SPACE INCREASE[1] | (D) TOTAL ALLOWABLE AREA OR UNLIMITED[2] | (E) MAXIMUM BUILDING AREA[3] |
|---|---|---|---|---|---|---|
| MAIN LEVEL | MERCANTILE | | 50,000 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

B+C+D

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 MAX BLDG AREA = TOTAL NUMBER OF STORIES IN THE BUILDING X (D) (506.2.3).
4 THE MAXIMUM AREA OF OPEN PARKING GARAGES MUST COMPLY WITH 406.5.4. THE MAXIMUM AREA OF AIR TRAFFIC CONTROL TOWERS MUST COMPLY WITH 412.2.

NO CHANGE TO EXISTING

ALLOWABLE HEIGHT

| | ALLOWABLE (TABLES 504) | SHOWN ON PLANS | CODE REFERENCE |
|---|---|---|---|
| TYPE OF CONSTRUCTION | TYPE II-B | TYPE II-B | 602.2 |
| BUILDING HEIGHT IN FEET | FEET 75 | FEET 32 | 504.3 |
| BLDG. HEIGHT IN STORIES | STORIES 3 | STORIES 1 | 504.4 |

FIRE PROTECTION REQUIREMENTS:

| BUILDING ELEMENT | FIRE SEPARATION DISTANCE (FEET) | RATING REQ'D | RATING PROVIDED (W/ ___ * REDUCTION) | DETAIL # AND SHEET # | DESIGN # FOR RATED ASSEMBLY | DESIGN # FOR RATED PENETRATION | DESIGN # FOR RATED JOINTS |
|---|---|---|---|---|---|---|---|
| STRUCTURAL FRAME, INCLUDING COLUMNS, GIRDERS, TRUSSES | | N/A | N/A | N/A | N/A | N/A | N/A |
| BEARING WALLS | | | | | | | |
| EXTERIOR | | | | | | | |
| NORTH | >10'-0" | N/A | N/A | N/A | N/A | N/A | N/A |
| EAST | >10'-0" | 0 | N/A | N/A | N/A | N/A | N/A |
| WEST | >10'-0" | 0 | N/A | N/A | N/A | N/A | N/A |
| SOUTH | >10'-0" | N/A | N/A | N/A | N/A | N/A | N/A |
| INTERIOR | | N/A | N/A | N/A | N/A | N/A | N/A |
| NON BEARING WALLS AND PARTITIONS | | | | | | | |
| EXTERIOR WALLS | | | | | | | |
| NORTH | >10'-0" | 0 | N/A | N/A | N/A | N/A | N/A |
| EAST | >10'-0" | N/A | N/A | N/A | N/A | N/A | N/A |
| WEST | >10'-0" | N/A | N/A | N/A | N/A | N/A | N/A |
| SOUTH | >10'-0" | 0 | N/A | N/A | N/A | N/A | N/A |
| INTERIOR WALLS & PARTITIONS | | 0 | N/A | N/A | N/A | N/A | N/A |
| FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS | | N/A | N/A | N/A | N/A | N/A | N/A |
| ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS | | 0 | N/A | N/A | N/A | N/A | N/A |
| SHAFT ENCLOSURES – EXIT | | N/A | N/A | N/A | N/A | N/A | N/A |
| SHAFT ENCLOSURES – OTHER | | 0 | N/A | N/A | N/A | N/A | N/A |
| CORRIDOR SEPARATION | | 0 | N/A | N/A | N/A | N/A | N/A |
| OCCUPANCY SEPARATION | | N/A | N/A | N/A | N/A | N/A | N/A |
| PARTY/FIRE WALL SEPARATION | | N/A | N/A | N/A | N/A | N/A | N/A |
| SMOKE BARRIER SEPARATION | | N/A | N/A | N/A | N/A | N/A | N/A |
| TENANT SEPARATION | | N/A | N/A | N/A | N/A | N/A | N/A |
| INCIDENTAL USE SEPARATION | | N/A | N/A | N/A | N/A | N/A | N/A |

*INDICATE SECTION NUMBER PERMITTING REDUCTION

NO CHANGE TO EXISTING

LIFE SAFETY SYSTEM REQUIREMENTS:
EMERGENCY LIGHTING: [ ] NO [X] YES
EXIT SIGNS: [ ] NO [X] YES
FIRE ALARM: [ ] NO [X] YES
SMOKE DETECTION SYSTEMS: [ ] NO [X] YES [ ] PARTIAL ______
PANIC HARDWARE: [ ] NO [X] YES

LIFE SAFETY PLAN SHEET #: SEE SHEET G1.03 FOR EXISTING CONDITIONS (PER 2018 INTERNATIONAL BUILDING CODE)

- N/A [ ] Fire and/or smoke rated wall locations (Chapter 7)
- N/A [ ] Assumed and real property line locations
- N/A [ ] Exterior wall opening area with respect to distance to assumed property line (705.8)
- NONE [X] Existing structures within 30' of the proposed building
- [X] Occupancy types for each area as it relates to occupant laod calculation (Table 1004.5)
- [X] Occupant load for each area
- [X] Exit access travel distances (1017)
- [X] Common path of travel distances (Table 1006.2.1)
- [X] Dead end lengths (1020.4)
- [X] Clear exit widths for each exit door
- [X] Maximum calculated occupant load capacity each door can accomodate based on egress width (1010.1.1)
- [X] Actual occupant load for each door
- N/A [ ] A seperate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy seperation
- [X] Location of doors with panic hardware (1010.1.10)
- [X] Location of doors with delayed egress locks and the amount of delay (1010.1.9.8.1)
- N/A [ ] Location of doors with electrically locked egress (1010.1.9.9 & 1010.1.9.10)
- N/A [ ] Location of doors equipped with hold-upen devices
- N/A [ ] Location of emergency escape windows (1030)
- N/A [ ] The square footage of each fire area (903)
- N/A [ ] The square footage of each smoke compartment (709)
- N/A [ ] Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS

| 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 |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

**NOT APPLICABLE - NO DWELLING UNITS**

ACCESSIBLE PARKING

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

**NOT APPLICABLE - EXISTING**

PLUMBING FIXTURE REQUIREMENTS

| USE: 502 TOTAL OCCUPANCY /2 = 251 PER TABLE 1004.1.1, 2018 IBC | | WATERCLOSETS 1:500 MALE | WATERCLOSETS 1:500 FEMALE | URINALS 67% MAX. | LAVATORIES 1:750 MALE | LAVATORIES 1:750 FEMALE | SHOWERS /TUBS | DRINKING FOUNTAINS 1:1000 REGULAR | DRINKING FOUNTAINS 1:1000 ACCESSIBLE |
|---|---|---|---|---|---|---|---|---|---|
| SPACE | EXISTING / PROVIDED | 2 | 3 | 1 | 2 | 2 | N/A | 1 | 1 |
| | NEW | -- | -- | -- | -- | -- | N/A | 0 | 0 |
| | REQUIRED | 1 | 1 | 0 | 1 | 1 | N/A | 1 | 1 |

SPECIAL APPROVALS
SPECIAL APPROVAL: (LOCAL JURISDICTION, DEPARTMENT OF INSURANCE, OSC, DPI, ICC, ETC., DESCRIBE BELOW)
NONE

STRUCTURAL DESIGN

NOT APPLICABLE
NO CHANGE TO EXISTING STRUCTURE

DESIGN LOADS:
IMPORTANCE FACTORS: WIND ($I_W$) ______ SNOW ($I_S$) ______ SEISMIC ($I_E$) ______
LIVE LOADS: ROOF ______ PSF MEZZANINE ______ PSF FLOOR ______ PSF
GROUND SNOW LOAD: ______ PSF
WIND LOAD: BASIC WIND SPEED ______ MPH (ASCE 7)
EXPOSURE CATEGORY ______
WIND BASE SHEARS (FOR MWFRS) $V_X$ = ______ $V_Y$ = ______

SEISMIC DESIGN CATEGORY: [ ] A [ ] B [ ] C [ ] D
PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS:
RISK CATEGORY (TABLE 1604.5) [ ] I [ ] II [ ] III [ ] IV
SPECTRAL RESPONCE ACCELERATION $S_S$ ______ %g $S_1$ ______ %g
SITE CLASSIFICATION (Chapter 20 of ASCE 7) [ ] A [ ] B [ ] C [ ] D [ ] E [ ] F
DATA SOURCE: [ ] FIELD TEST [ ] PRESUMPTIVE [ ] HISTORICAL DATA
BASIC STRUCTURAL SYSTEM (CHECK ONE)
[ ] BEARING WALL [ ] DUAL W/ SPECIAL MOMENT FRAME
[ ] BUILDING FRAME [ ] DUAL W/ INTERMEDIATE R/C OR SPECIAL STEEL
[ ] MOMENT FRAME [ ] INVERTED PENDULUM
SEISMIC BASE SHEAR: $V_X$ = ______ $V_Y$ = ______
ANALYSIS PROCEDURE: [ ] SIMPLIFIED [ ] EQUIVALENT LATERAL FORCE [ ] MODAL
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 ______ psf
Pile size, type and capacity ______

SPECIAL INSPECTIONS REQUIRED: [ ] YES [X] NO

ENERGY SUMMARY

NOT APPLICABLE
NO CHANGE TO EXISTING BUILDING SHELL

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.
CLIMATE ZONE: [ ] 3 [ ] 4 [ ] 5

METHOD OF COMPLIANCE:
[ ] PRESCRIPTIVE (ENERGY CODE)
[ ] PERFORMANCE (ENERGY CODE)
[ ] PRESCRIPTIVE (ASHRAE 90.1)
[ ] PERFORMANCE (ASHRAE 90.1)

THERMAL ENVELOPE
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: ______

MECHANICAL SUMMARY

NOT APPLICABLE
NO CHANGE TO MECHANICAL SYSTEM

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:

| | | | | | | |
|---|---|---|---|---|---|---|
| UNIT TAG: | | | | | | |
| DESCRIPTION OF UNIT: | | | | | | |
| HEATING EFFICIENCY (HSPF): | | | | | | |
| COOLING EFFICIENCY (SEER): | | | | | | |
| SIZE CATEGORY OF UNIT: | | | | | | |

BOILER:
SIZE CATEGORY. IF OVERSIZED, STATE REASON.: ______
CHILLER:
SIZE CATEGORY IF OVERSIZED, STATE REASON.: ______
LIST EQUIPMENT EFFICIENCIES: ______

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT: **SEE ELECTRICAL DRAWINGS**
METHOD OF COMPLIANCE:
ENERGY CODE: [ ] PRESCRIPTIVE [ ] PERFORMANCE
ASHRAE 90.1: [ ] PRESCRIPTIVE [ ] PERFORMANCE

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 (BUILDING AREA METHOD OR SPACE BY SPACE METHOD):
TOTAL EXTERIOR WATTAGE SPECIFIED VS. ALLOWED:

ADDITIONAL PRESCRIPTIVE COMPLIANCE (PER 2018 INTERNATIONAL ENERGY CONSERVATION CODE)
- [ ] C403.3.2 HVAC EQUIPMENT PERFORMANCE REQUIREMENTS
- [ ] C406.3 REDUCED LIGHTING POWER
- [ ] C403.7.4 ENERGY RECOVERY VENTILATION SYSTEMS
- [ ] C404 SERVICE WATER HEATING
- [ ] C406.5 ON-SITE RENEWABLE ENERGY
- [ ] C405.2.3 DAYLIGHT-RESPONSIVE CONTROLS

YCH ARCHITECTS
Yates-Chreitzberg-Hughes Architects, Corp.
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Interior Alteration For:
FOOD LION
2110 Executive Drive, Salisbury, NC 28145/ Ph: 704.633.8250
11800 Old National Pike
New Market, MD 21774
Store No. 1238

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File Name: 1238 G1.02_00.dwg
Date: 02-14-2020
Revisions:
APPENDIX B

Architectural
G1.02
YCH Commission Number
19032.00

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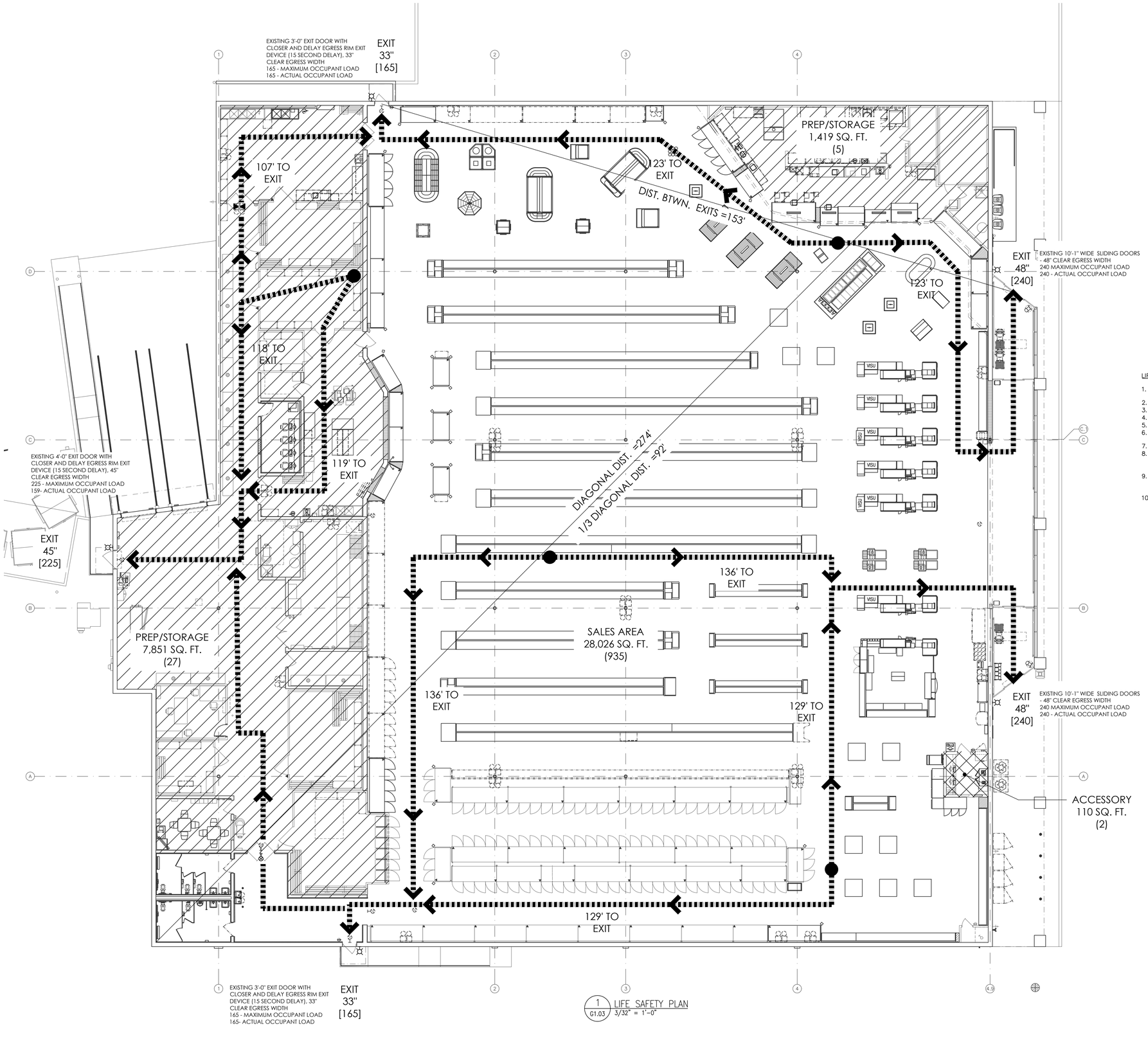


1 G1.03 LIFE SAFETY PLAN
3/32" = 1'-0"

## OCCUPANT LOAD PER NFPA 101, 2018 EDITION

| OCCUPANT TYPE | GROSS AREA | SF/PERSON | ALLOWABLE LOAD |
|---|---|---|---|
| PREP/STORAGE | 9270 SF | 300 | 32 OCCUPANTS |
| ACCESSORY (OFFICE USE) | 110 SF | 100 | 2 OCCUPANTS |
| SALES AREA | 28,026 SF | 30 | 935 OCCUPANTS |
| TOTAL | 37,406 SF | | 969 OCCUPANTS |

## LEGEND

- PREP/ STORAGE (AREA) (OCC. LOAD)
- ACCESSORY (AREA) (OCC. LOAD)
- ASSEMBLEY (AREA) (OCC. LOAD)
- SALES AREAS (AREA) (OCC. LOAD)
- EGRESS ROUTE
- MOST REMOTE POINT
- EXIT LIGHTS
- EMERGENCY LIGHTS
- EXIT LIGHT W/ EMERGENCY LIGHTS
- EXIT 48" [240] — EXIT DOOR CLEAR WIDTH / DOOR MAX. OCC. LOAD

## EGRESS PER 2018 IBC

### CLEAR WIDTH

| | | | |
|---|---|---|---|
| PROVIDED | 48"<br>48"<br>45"<br>33"<br>33" | REQUIRED | .2" x OCCUPANT<br>969 OCCUPANTS<br>x .2 |
| TOTAL | 207" | | 193.8" |

### EXITS

| | | | |
|---|---|---|---|
| PROVIDED | 5 | REQUIRED | 3 |

### TRAVEL DISTANCE

| | | | |
|---|---|---|---|
| MAX | 250' | ACTUAL | 153' |

### EXIT SEPARATION

| | | | |
|---|---|---|---|
| PROVIDED MIN | 150' | REQUIRED MIN DIAGIONAL | 274'/3<br>92' |

LIFE SAFETY GENERAL NOTES:

1. MERCANTILE OFFICE ALTERATION DESIGNED UNDER 2018 INTERNATIONAL BUILDING CODE & NFPA 101 2018 EDITION.
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 = 50'
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 #10 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 EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

YCH ARCHITECTS
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**Professional Seals**

"PROFESSIONAL CERTIFICATION.

I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number 10841, expiration date 08-30-2020."

STATE OF MARYLAND · DENNIS R. YATES · 10841 · ARCHITECT
02-14-2020

Interior Alteration For:
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**Date: 02-14-2020**
Revisions:

LIFE SAFETY PLAN

Architectural
**G1.03**
YCH Commission Number
**19032.00**

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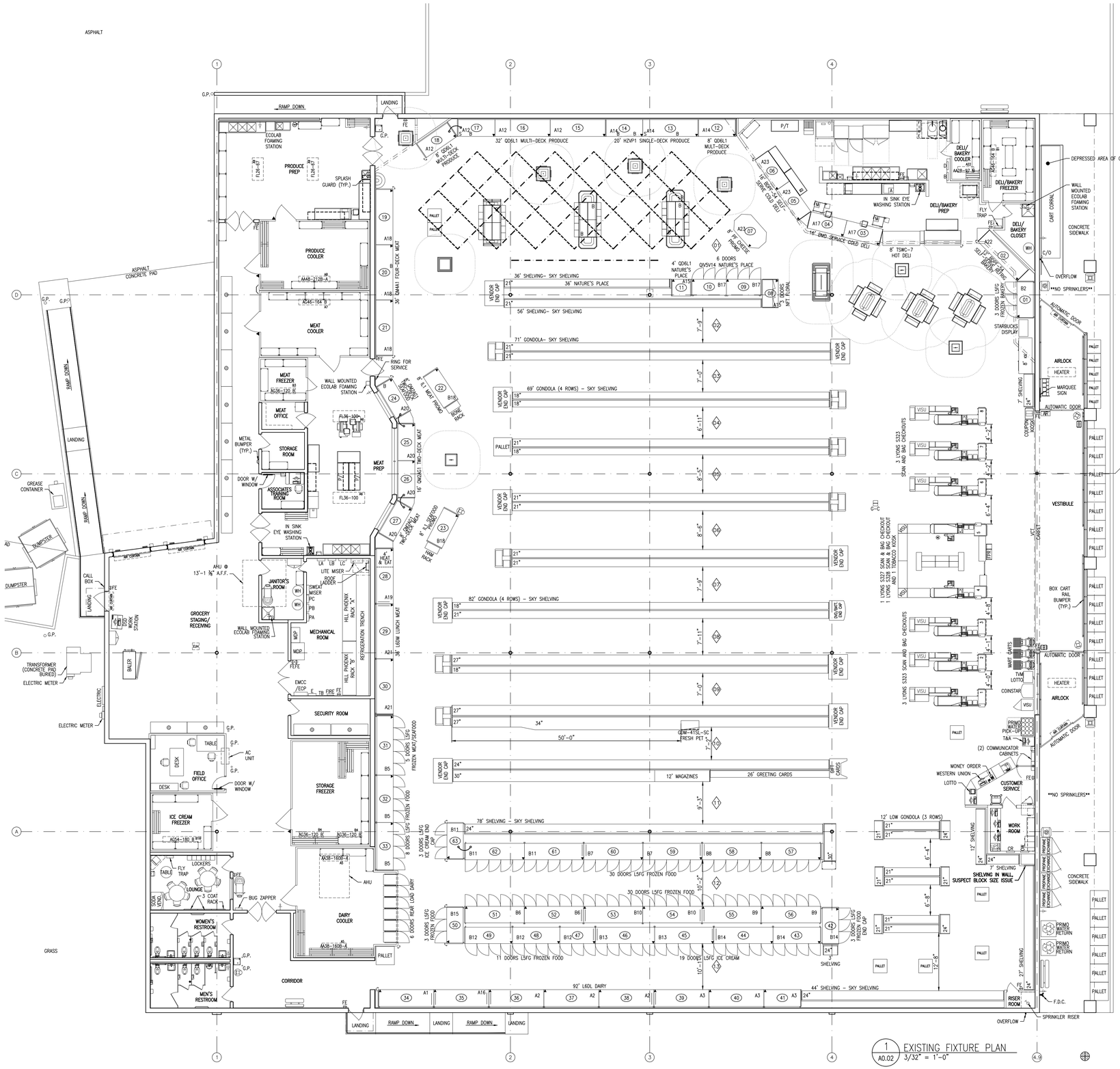


1 A0.02 EXISTING FIXTURE PLAN
3/32" = 1'-0"

| SYMBOL LEGEND | |
|---|---|
| | SINGLE BUNKER |
| | DOUBLE BUNKER |
| | STOCK TRUCK |
| S | HANGING SCALE |
| B | BAG RACK |
| FE | FIRE EXTINGUISHER |
| | HOSE CONNECTION |
| | EYE WASH STATION |
| | CASE CORNER GUARD |
| EVAP. | EXISTING EVAPORATOR |
| AIR CURTAIN | EXISTING AIR CURTAIN |
| GP | EXISTING GUARD POST |

| LEGEND STORE #1238 | EXISTING |
|---|---|
| AREAS – SQ.FT. | |
| TOTAL EXTERIOR STORE | 38,158 |
| SUPPORT | 11,398 |
| SALES AREA | 26,008 |
| TOTAL INTERIOR STORE | 37,406 |
| PRODUCE PREP | 716 |
| MEAT PREP | 795 |
| DELI-BAKERY PREP | 950 |
| SEAFOOD PREP | 0 |
| PHARMACY | 0 |
| GROCERY STAGING | 2677 |
| GROCERY BUNKERS | 11 |
| SALES : SUPPORT RATIO | 2.28 : 1 |
| SALES : GROCERY STAGING RATIO | 9.72 : 1 |
| COOLERS & FREEZERS – SQ.FT. | |
| PRODUCE COOLER | 345 |
| STORAGE FREEZER | 374 |
| ICE CREAM FREEZER | 153 |
| DAIRY COOLER | 4692 |
| MEAT COOLER | 322 |
| TRAY COOLER | 0 |
| MEAT FREEZER | 90 |
| SEAFOOD COOLER | 0 |
| DELI-BAKERY FREEZER | 112 |
| DELI-BAKERY COOLER | 79 |
| PRODUCE | |
| PRODUCE : SINGLE-DECK | 20 |
| PRODUCE : MULTI-DECK | 48 |
| PRODUCE : ISLAND REFRIG. | 0 |
| FLORAL | 3 DOORS |
| HISPANIC | 0 |
| DELI/BAKERY | |
| COLD DELI : SERVICE | 16 |
| COLD DELI : SELF-SERVE | 16 |
| COLD DELI : SERVICE/SELF-SERVE | 0 |
| COLD DELI : SANDWICH STATION | 0 |
| COLD DELI : ISLANDS | 8 |
| HOT DELI : SELF-SERVE | 8 |
| HOT DELI : SERVICE/SELF-SERVE | 0 |
| HOT DELI : ISLANDS | 0 |
| SUSHI | 0 |
| BAKERY : SELF-SERVE REFRIG. | 12 |
| BAKERY : SELF-SERVE NONREFRIG. | 0 |
| REACH IN FROZEN BAKERY | 3 DOORS |
| HMS : SELF-SERVE | 0 |
| REACH IN FROZEN HMS | 0 |
| MEAT | |
| MEAT : SERVICE | 0 |
| MEAT : ONE/TWO DECK | 32 |
| MEAT : FOUR/FIVE/SIX DECK | 36 |
| MEAT : PROMO | 8 |
| LUNCH MEAT | 36 |
| REACH IN FROZEN MEAT/SEAFOOD | 5 DOORS |
| SEAFOOD : SERVICE | 0 |
| SEAFOOD : ONE/TWO DECK | 0 |
| SEAFOOD : PROMO | 8 |
| REACH IN FROZEN SEAFOOD | 0 |
| GROCERY | |
| DAIRY : FRONT LOAD | 92 |
| DAIRY PROMO | 0 |
| DAIRY : REAR LOAD | 6 DOORS |
| REACH IN FROZEN FOOD | 79 DOORS |
| REACH IN ICE CREAM | 19 DOORS |
| REACH IN TOTAL | 98 DOORS |
| FROZEN FOOD END CAP | 6 DOORS |
| ICE CREAM END CAP | 3 DOORS |
| BEER | 0 |
| WINE | 0 |
| NATURE'S PLACE | 4 |
| REACH IN FROZEN NATURE'S PLACE | 6 DOORS |
| SHELVING – LINEAR FEET | |
| LOW GONDOLA | 72 |
| LOW SHELVING | 31 |
| SUB-TOTAL | 103 |
| HIGH GONDOLA | 1350 |
| HIGH SHELVING | 271 |
| SUB-TOTAL | 1621 |
| GRAND TOTAL SHELVING | 1724 |

| REFRIGERATED CASE LEGEND | | | | | | | |
|---|---|---|---|---|---|---|---|
| # | MAN. | MODEL | SIZE | DESCRIPTION | INT. | EXT. | AGE |
| | | | | EXISTING | | | |
| 01 | TYL | L5FG | 7'-9" | FROZEN BAKERY | WHT | BLK | 07 |
| 02 | BRK | BDPF-54 | 12'-0" | SELF-SERVE REFRIG BAKERY | BLK | BLK | 05 |
| 03 | BRK | BMD | 8'-0" | SERVICE COLD DELI | BLK | BLK | 05 |
| 04 | BRK | BMD | 8'-0" | SERVICE COLD DELI | BLK | BLK | 05 |
| 05 | BRK | BDPF-54 | 8'-1" | SELF-SERVE COLD DELI | BLK | BLK | 05 |
| 06 | BRK | BDPF-54 | 8'-1" | SELF-SERVE COLD DELI | BLK | BLK | 05 |
| 07 | BRK | PF | | CHEESE PROMO | BLK | BGE | 05 |
| 08 | BRK | NFT | 6'-1" | FLORAL | BLK | BGE | 05 |
| 09 | KW | QIV5V14 | 7'-6" | FROZEN NATURE'S PLACE | BLK | BGE | 05 |
| 10 | KW | QIV5V14 | 7'-6" | FROZEN NATURE'S PLACE | BLK | BGE | 05 |
| 11 | KW | QD6L1 | 4'-0" | NATURE'S PLACE | BLK | BGE | 05 |
| 12 | KW | QD6L1 | 8'-0" | MULTI-DECK PRODUCE | BLK | BLK | 05 |
| 13 | KW | HZVP1 | 12'-0" | SINGLE-DECK PRODUCE | BLK | BGE | 05 |
| 14 | KW | HZVP1 | 8'-0" | SINGLE-DECK PRODUCE | BLK | BGE | 05 |
| 15 | KW | QD6L1 | 12'-1" | MULTI-DECK PRODUCE | BLK | BGE | 05 |
| 16 | KW | QD6L1 | 12'-1" | MULTI-DECK PRODUCE | BLK | BGE | 05 |
| 17 | KW | QD6L1 | 8'-0" | MULTI-DECK PRODUCE | BLK | BLK | 05 |
| 18 | KW | QD6L1 | 8'-0" | MULTI-DECK PRODUCE | BLK | BGE | 05 |
| 19 | KW | QM4A1 | 12'-1" | FOUR-DECK MEAT | BLK | BLK | 05 |
| 20 | KW | QM4A1 | 12'-1" | FOUR-DECK MEAT | BLK | BLK | 05 |
| 21 | KW | QM4A1 | 12'-1" | FOUR-DECK MEAT | BLK | BLK | 05 |
| 22 | KW | IL1 | 8'-0" | MEAT PROMO | BLK | BGE | 05 |
| 23 | KW | IL1 | 8'-0" | SEAFOOD PROMO | BLK | BGE | 05 |
| 24 | KW | QS2AG1 | 8'-0" | TWO-DECK SEAFOOD | BLK | BLK | 05 |
| 25 | KW | QS2AG1 | 8'-0" | TWO-DECK MEAT | BLK | BLK | 05 |
| 26 | KW | QS2AG1 | 8'-0" | TWO-DECK MEAT | BLK | BLK | 05 |
| 27 | KW | QS2AG1 | 8'-0" | TWO-DECK MEAT | BLK | BGE | 05 |
| 28 | TYL | L6DL | 12'-0" | LUNCH MEAT | BLK | BLK | 97 |
| 29 | TYL | L6DL | 12'-0" | LUNCH MEAT | BLK | BLK | 97 |
| 30 | TYL | L6DL | 12'-0" | LUNCH MEAT | BLK | BLK | 97 |
| 31 | TYL | L5FG | 12'-11" | FROZEN MEAT/SEAFOOD | WHT | BGE | 97 |
| 32 | TYL | L5FG | 10'-4" | FROZEN FOOD | WHT | BGE | 97 |
| 33 | TYL | L5FG | 10'-4" | FROZEN FOOD | WHT | BGE | 97 |
| 34 | TYL | L6DL | 12'-0" | DAIRY | WHT | BGE | 97 |
| 35 | TYL | L6DL | 12'-0" | DAIRY | WHT | BGE | 97 |
| 36 | TYL | L6DL | 12'-0" | DAIRY | WHT | BGE | 97 |
| 37 | TYL | L6DL | 12'-0" | DAIRY | WHT | BGE | 97 |
| 38 | TYL | L6DL | 12'-0" | DAIRY | WHT | BGE | 97 |
| 39 | TYL | L6DL | 12'-0" | DAIRY | WHT | BGE | 97 |
| 40 | TYL | L6DL | 12'-0" | DAIRY | WHT | BGE | 97 |
| 41 | TYL | L6DL | 8'-0" | DAIRY | WHT | BGE | 97 |
| 42 | TYL | L5FG | 7'-9" | FROZEN FOOD END CAP | WHT | BGE | 97 |
| 43 | TYL | L5FG | 10'-4" | ICE CREAM | WHT | BGE | 97 |
| 44 | TYL | L5FG | 12'-11" | ICE CREAM | WHT | BGE | 97 |
| 45 | TYL | L5FG | 12'-11" | ICE CREAM | WHT | BGE | 97 |
| 46 | TYL | L5FG | 12'-11" | ICE CREAM | WHT | BGE | 97 |
| 47 | TYL | L5FG | 7'-9" | FROZEN FOOD | WHT | BGE | 97 |
| 48 | TYL | L5FG | 10'-4" | FROZEN FOOD | WHT | BGE | 97 |
| 49 | TYL | L5FG | 10'-4" | FROZEN FOOD | WHT | BGE | 97 |
| 50 | TYL | L5FG | 7'-9" | FROZEN FOOD END CAP | WHT | BGE | 97 |
| 51 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 52 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 53 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 54 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 55 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 56 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 57 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 58 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 59 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 60 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 61 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 62 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 63 | TYL | L5FG | 7'-9" | ICE CREAM END CAP | WHT | BGE | 07 |


YCH ARCHITECTS
Yates-Chreitzberg-Hughes Architects, Corp.
Architecture
Interior Design
Land Planning
Project Management


**Professional Seals**

"PROFESSIONAL CERTIFICATION.

I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number 10841, expiration date 08-30-2020."

STATE OF MARYLAND · DENNIS P. YATES · 10841 · ARCHITECT
02-14-2020

Interior Alteration For:
FOOD LION
2110 Executive Drive, Salisbury, NC 28145/ Ph: 704.633.8250
Store No. 1238
11800 Old National Pike
New Market, MD 21774


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File Name: 1238 A0.02_00.dwg
Date: 02-14-2020
Revisions:

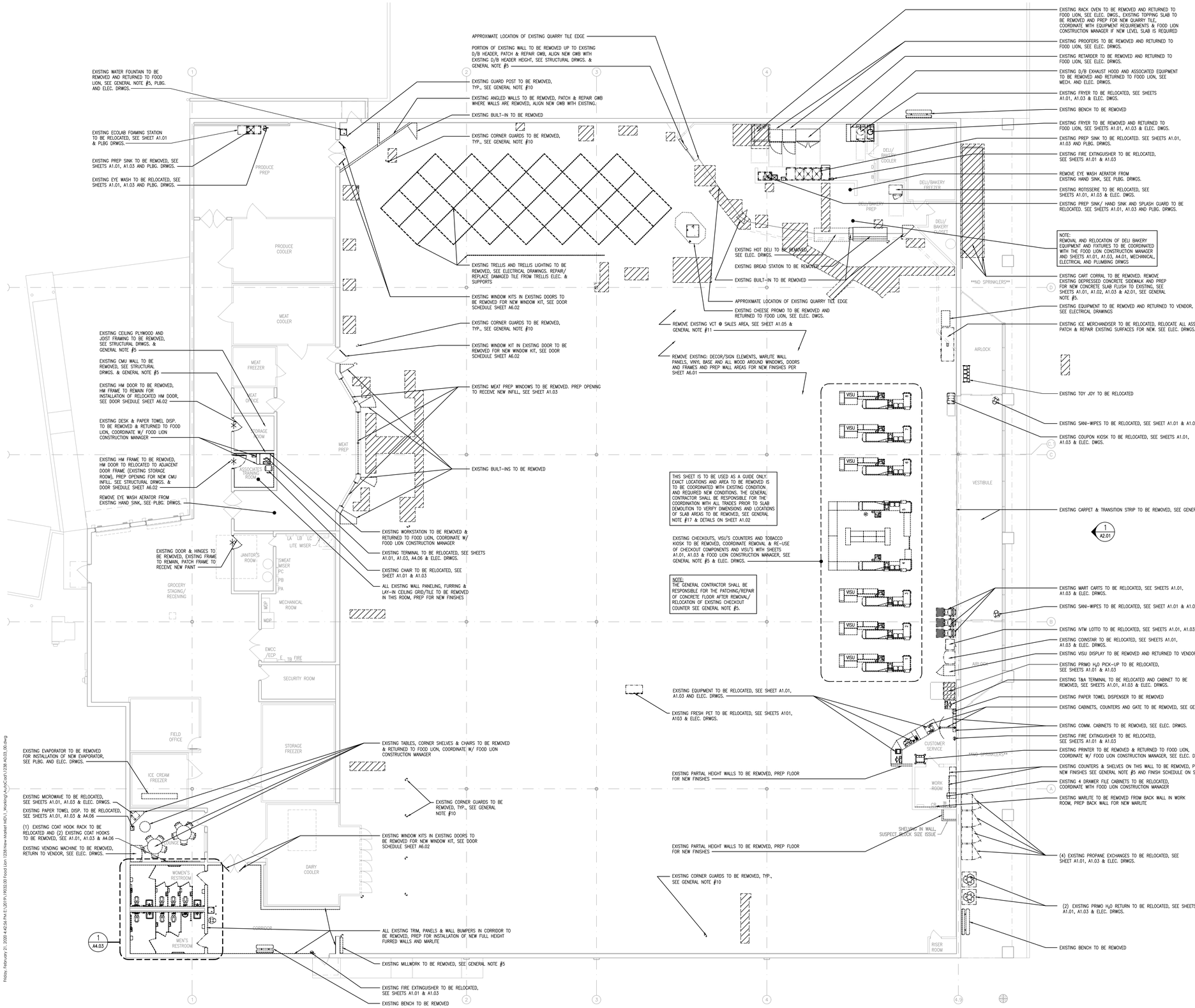
EXISTING FIXTURE PLAN

Architectural
A0.02
YCH Commission Number
19032.00


7035 Northwinds Dr NW
Concord, NC 28027
704 . 788 . 2000
ycharch.com



Friday, February 21, 2020, 4:42:02 PM, E:\2019\19032.00 Food Lion - 1238 New Market MD\1_Working\A-Arch\Cad\1238 A0.02_00.dwg




## GENERAL NOTES:

1. ALL CONTRACTORS MUST COMPLY WITH ALL STATE AND LOCAL CODES.
2. THE GENERAL CONTRACTOR SHALL COORDINATE THE REMOVAL AND RELOCATION OF COOLER AND FREEZER COMPONENTS WITH COOLER/FREEZER MANUFACTURER FIELD PERSONNEL, AND W/FOOD LION CONSTRUCTION MANAGER.
3. FOR NEW DEPRESSED SLAB LOCATIONS AND DIMENSIONS, IF APPLICABLE, SEE SHEET A1.02.
4. 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.
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.
6. 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).
7. 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.
8. 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.
9. 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.
10. GENERAL CONTRACTOR SHALL REMOVE ALL CORNER GUARDS AT REFRIGERATED CASES AS NOTED ON PLAN AND REPAIR FLOOR AS DIRECTED BY FOOD LION CONSTRUCTION MANAGER.
11. GENERAL CONTRACTOR TO REMOVE VINYL TILE/CARPET FROM SPECIFIED FLOORS AND GRIND CONCRETE FLAT, SMOOTH AND FREE OF MASTIC. REFER TO SHEET A1.05 AND CURRENT ASBESTOS SURVEY.
12. THE ELECTRICAL CONTRACTOR SHALL REMOVE THE EXISTING PARCEL PICK-UP BELL AND ITS RELATED EQUIPMENT AS REQUIRED. PATCH AND REPAIR ALL FINISHES. (IF APPLICABLE)
13. 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.
14. THE GENERAL CONTRACTOR SHALL COORDINATE THE REMOVAL OF ALL H.V.A.C. EQUIPMENT AND ANY APPLICABLE CEILING TILE/GRID WITH THE MECHANICAL CONTRACTOR.
15. 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.
16. 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.
17. 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.
18. 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.
19. THE GENERAL CONTRACTOR SHALL MAINTAIN ALL UTILITIES AND SERVICES TO EXISTING TENANT SPACES (VACANT OR OCCUPIED) DURING DEMOLITION AND CONSTRUCTION. UTILITIES AND SERVICES SHALL INCLUDE, BUT NOT BE LIMITED TO: ELECTRICAL, PLUMBING, GAS, WATER, FIRE SPRINKLER, FIRE ALARM SYSTEMS, ETC. ANY SCHEDULED INTERRUPTION OF SERVICES REQUIRED DURING DEMOLITION OR CONSTRUCTION SHALL BE COORDINATED WITH THE FOOD LION CONSTRUCTION MANAGER AND TENANTS AT LEAST SEVEN (7) DAYS PRIOR TO THE INTERRUPTION.
20. 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.
21. THE GENERAL CONTRACTOR MUST COORDINATE WITH THE CONSTRUCTION MANAGER AND THE STORE MANAGER ON THE NIGHT OF FRONT END CHANGE OUT TO INSURE THERE IS ADEQUATE ROOM TO UNLOAD THE FRONT END EQUIPMENT IN THE STORE. IF SPACE IS LIMITED, THE GENERAL CONTRACTOR WILL BE REQUIRED TO PROVIDE A STORAGE TRAILER ON SITE. THE GENERAL CONTRACTOR MUST PROVIDE A FORKLIFT FOR THE FRONT END EQUIPMENT REMOVAL.
22. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR "ALL" DUMPSTERS DUMPS INCLUDING THOSE FOR THE REFRIGERATION CONTRACTOR AND GROCERY RESET. THE REFRIGERATION CONTRACTOR WILL BE RESPONSIBLE FOR BREAKING EVERYTHING DOWN BEFORE PUTTING IN THE DUMPSTER. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE DISPOSAL OF REMOVED GONDOLAS AND SHELVING; ONCE THE GROCERY SET TEAM PALLETIZE THE SHELVING AND LOCATED TO THE DOCK. ALL STORES REQUIRE A GROCERY RESET. MAKE SURE THIS IS ACCOUNTED FOR. GROCERY RESET MAY BE COMPLETED PRIOR TO START OF CONSTRUCTION. IF THIS OCCURS, FOOD LION CORPORATE PROVIDES DUMPSTERS.
23. THE GENERAL CONTRACTOR MUST HAVE PROFESSIONAL SIGNAGE AND NEATLY INSTALLED ORANGE FENCING FOR ANY DETOURS REQUIRED DURING THE COURSE OF THE REMODEL. USE PLYWOOD DUST SCREENS WITH TYVEK (LETTERING TURNED INWARD) AROUND PREP AREAS., ETC. DUST SCREENS SHOULD BE BUILT WHEN ANY JACK HAMMERING, SAWING, DEMOLITIONS, ETC, IS TAKING PLACE INSIDE THE STORE. ALL JACK-HAMMERING SHALL BE DONE AFTER OPERATING HOURS. DUST SCREENS NEED TO BE STRUCTURAL AND INSULATED WHERE APPROPRIATE. TURN OFF HVAC WHEN HEAVY DEMOLITION OR EXCESSIVE DUST IS BEING CREATED. FOOD LION GROCERY CARTS OR WET SIGNS ARE NOT ALLOWED TO BE USED AS FENCING SUPPORTS.
24. 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.

SLAB WORK

25. 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.
26. COORDINATE ALL FLOOR CUTS WITH A1.02, P1.01 & P1.02.

TRENCH WORK

27. 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. OPEN TRENCHES ARE TO BE COVERED WITH 1/4" MIN. METAL PLATE AND MATCHING CARPET MATS AND DUCT TAPED TO THE FLOOR DURING OPERATING HOURS. 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.

## 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


YCH ARCHITECTS
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**Professional Seals**

"PROFESSIONAL CERTIFICATION.

I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number 10841, expiration date 08-30-2020."

STATE OF MARYLAND · DENNIS P. YATES · 10841 · ARCHITECT
02-14-2020

Interior Alteration For:
FOOD LION
2110 Executive Drive, Salisbury, NC 28145/ Ph: 704.633.8250
Store No. 1238
11800 Old National Pike
New Market, MD 21774


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File Name: 1238 A0.03_00.dwg
Date: 02-14-2020
Revisions:

ARCHITECTURAL DEMOLITION PLAN

Architectural
A0.03
YCH Commission Number
19032.00


7035 Northwinds Dr NW
Concord, NC 28027
704 . 788 . 2000
ycharch.com



Friday, February 21, 2020 4:42:54 PM E:\2019\19032.00 Food Lion 1238 New Market MD\1_Working\Auto\Cad\1238 A0.03_00.dwg

REVISED FIXTURE PLAN
3/32" = 1'-0"

## SYMBOL LEGEND

- SINGLE BUNKER
- DOUBLE BUNKER
- STOCK TRUCK
- WIRE RACK
- COOLER RACK
- DUNNAGE RACK
- HANGING SCALE
- BAG RACK
- FIRE EXTINGUISHER
- HOSE CONNECTION
- EYE WASH STATION
- NEW GUARD POST
- EXISTING GUARD POST
- NEW EVAPORATOR
- EXISTING EVAPORATOR
- NEW AIR CURTAIN
- EXISTING AIR CURTAIN
- CMU WALL
- STUD FRAMED WALL
- NEW COOLER PANEL
- POWERED TRELLIS
- NON-POWERED TRELLIS

## REFRIGERATED CASE LEGEND

| # | MAN. | MODEL | SIZE | DESCRIPTION | INT. | EXT. | AGE |
|---|---|---|---|---|---|---|---|
| | | | | RELOCATED | | | |
| 12 | KW | QD6L1 | 8'-0" | MULTI-DECK PRODUCE | BLK | BLK | 05 |
| 15 | KW | QD6L1 | 12'-1" | MULTI-DECK PRODUCE | BLK | BGE | 05 |
| 16 | KW | QD6L1 | 12'-1" | MULTI-DECK PRODUCE | BLK | BGE | 05 |
| 17 | KW | QD6L1 | 8'-0" | MULTI-DECK PRODUCE | BLK | BGE | 05 |
| 18 | KW | QD6L1 | 8'-0" | MULTI-DECK PRODUCE | BLK | BGE | 05 |
| 28 | TYL | L6DL | 12'-0" | LUNCH MEAT | BLK | BLK | 97 |
| 29 | TYL | L6DL | 12'-0" | LUNCH MEAT | BLK | BLK | 97 |
| 30 | TYL | L6DL | 12'-0" | LUNCH MEAT | BLK | BLK | 97 |
| 31 | TYL | L5FG | 12'-11" | FROZEN MEAT/SEAFOOD | WHT | BGE | 97 |
| 32 | TYL | L5FG | 10'-4" | FROZEN FOOD | WHT | BGE | 97 |
| | | | | EXISTING | | | |
| 34 | TYL | L6DL | 12'-0" | DAIRY | WHT | BGE | 97 |
| 35 | TYL | L6DL | 12'-0" | DAIRY | WHT | BGE | 97 |
| 36 | TYL | L6DL | 12'-0" | DAIRY | WHT | BGE | 97 |
| 37 | TYL | L6DL | 12'-0" | DAIRY | WHT | BGE | 97 |
| 38 | TYL | L6DL | 12'-0" | DAIRY | WHT | BGE | 97 |
| 39 | TYL | L6DL | 12'-0" | DAIRY | WHT | BGE | 97 |
| 40 | TYL | L6DL | 12'-0" | DAIRY | WHT | BGE | 97 |
| 41 | TYL | L6DL | 8'-0" | DAIRY | WHT | BGE | 97 |
| 42 | TYL | L5FG | 7'-9" | FROZEN FOOD END CAP | WHT | BGE | 97 |
| 43 | TYL | L5FG | 10'-4" | ICE CREAM | WHT | BGE | 97 |
| 44 | TYL | L5FG | 12'-11" | ICE CREAM | WHT | BGE | 97 |
| 45 | TYL | L5FG | 12'-11" | ICE CREAM | WHT | BGE | 97 |
| 46 | TYL | L5FG | 12'-11" | ICE CREAM | WHT | BGE | 97 |
| 47 | TYL | L5FG | 7'-9" | FROZEN FOOD | WHT | BGE | 97 |
| 48 | TYL | L5FG | 10'-4" | FROZEN FOOD | WHT | BGE | 97 |
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| 50 | TYL | L5FG | 7'-9" | FROZEN FOOD END CAP | WHT | BGE | 97 |
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| 54 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 55 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 56 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 57 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 58 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 59 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 60 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 61 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 62 | TYL | L5FG | 12'-11" | FROZEN FOOD | WHT | BGE | 97 |
| 63 | TYL | L5FG | 7'-9" | ICE CREAM END CAP | WHT | BGE | 07 |
| | | | | REMOVED | | | |
| 01 | TYL | L5FG | 7'-9" | FROZEN BAKERY | WHT | BLK | 07 |
| 02 | BRK | BDPF-54 | 12'-0" | SELF-SERVE REFRIG BAKERY | BLK | BLK | 05 |
| 03 | BRK | BMD | 8'-0" | SERVICE COLD DELI | BLK | BLK | 05 |
| 04 | BRK | BMD | 8'-0" | SERVICE COLD DELI | BLK | BLK | 05 |
| 05 | BRK | BDPF-54 | 8'-1" | SELF-SERVE COLD DELI | BLK | BLK | 05 |
| 06 | BRK | BDPF-54 | 8'-1" | SELF-SERVE COLD DELI | BLK | BLK | 05 |
| 07 | BRK | PF | | CHEESE PROMO | BLK | BGE | 05 |
| 08 | BRK | NFT | 6'-1" | FLORAL | BLK | BLK | 05 |
| 09 | KW | QIV5V14 | 7'-6" | FROZEN NATURE'S PLACE | BLK | BGE | 05 |
| 10 | KW | QIV5V14 | 7'-6" | FROZEN NATURE'S PLACE | BLK | BGE | 05 |
| 11 | KW | QD6L1 | 4'-0" | NATURE'S PLACE | BLK | BGE | 05 |
| 13 | KW | HZVP1 | 12'-0" | SINGLE-DECK PRODUCE | BLK | BGE | 05 |
| 14 | KW | HZVP1 | 8'-0" | SINGLE-DECK PRODUCE | BLK | BGE | 05 |
| 19 | KW | QM4A1 | 12'-1" | FOUR-DECK MEAT | BLK | BLK | 05 |
| 20 | KW | QM4A1 | 12'-1" | FOUR-DECK MEAT | BLK | BLK | 05 |
| 21 | KW | QM4A1 | 12'-1" | FOUR-DECK MEAT | BLK | BLK | 05 |
| 22 | KW | IL1 | 8'-0" | MEAT PROMO | BLK | BLK | 05 |
| 23 | KW | IL1 | 8'-0" | SEAFOOD PROMO | BLK | BGE | 05 |
| 24 | KW | QS2AG1 | 8'-0" | TWO-DECK SEAFOOD | BLK | BLK | 05 |
| 25 | KW | QS2AG1 | 8'-0" | TWO-DECK MEAT | BLK | BLK | 05 |
| 26 | KW | QS2AG1 | 8'-0" | TWO-DECK MEAT | BLK | BLK | 05 |
| 27 | KW | QS2AG1 | 8'-0" | TWO-DECK MEAT | BLK | BGE | 05 |
| 33 | TYL | L5FG | 10'-4" | FROZEN FOOD | WHT | BGE | 97 |

## LEGEND STORE #1238

| | EXISTING | REVISED |
|---|---|---|
| **AREAS – SQ.FT.** | | |
| TOTAL EXTERIOR STORE | 38,158 | 38,158 |
| SUPPORT | 11,398 | 11,269 |
| SALES AREA | 26,008 | 26,137 |
| TOTAL INTERIOR STORE | 37,406 | 37,406 |
| PRODUCE PREP | 716 | 716 |
| MEAT PREP | 795 | 795 |
| DELI-BAKERY PREP | 950 | 976 |
| SEAFOOD PREP | 0 | 0 |
| PHARMACY | 0 | 0 |
| GROCERY STAGING | 2677 | 2677 |
| GROCERY BUNKERS | 11 | 11 |
| SALES : SUPPORT RATIO | 2.28 : 1 | 2.32 : 1 |
| SALES : GROCERY STAGING RATIO | 9.72 : 1 | 9.76 : 1 |
| **COOLERS & FREEZERS – SQ.FT.** | | |
| PRODUCE COOLER | 345 | 345 |
| STORAGE FREEZER | 374 | 374 |
| ICE CREAM FREEZER | 153 | 153 |
| DAIRY COOLER | 4692 | 4692 |
| MEAT COOLER | 322 | 322 |
| TRAY COOLER | 0 | 0 |
| MEAT FREEZER | 90 | 90 |
| SEAFOOD COOLER | 0 | 0 |
| DELI-BAKERY FREEZER | 112 | 112 |
| DELI-BAKERY COOLER | 79 | 79 |
| **PRODUCE** | | |
| PRODUCE : SINGLE-DECK | 20 | 0 |
| PRODUCE : MULTI-DECK | 48 | 68 |
| PRODUCE : ISLAND REFRIG. | 0 | 39 |
| FLORAL | 3 DOORS | 4 |
| HISPANIC | 0 | 0 |
| **DELI/BAKERY** | | |
| COLD DELI : SERVICE | 16 | 0 |
| COLD DELI : SELF-SERVE | 16 | 28 |
| COLD DELI : SERVICE/SELF-SERVE | 0 | 14 |
| COLD DELI : SANDWICH STATION | 0 | 4 |
| COLD DELI : ISLANDS | 8 | 10 |
| HOT DELI : SELF-SERVE | 8 | 4 |
| HOT DELI : SERVICE/SELF-SERVE | 0 | 4 |
| HOT DELI : ISLANDS | 0 | 8 |
| HOT/COLD DELI: ISLANDS | 0 | 17 |
| SUSHI | 0 | 6 |
| BAKERY : SELF-SERVE REFRIG. | 12 | 6 |
| BAKERY : SELF-SERVE NONREFRIG. | 0 | 0 |
| REACH IN FROZEN BAKERY | 3 DOORS | 5 DOORS |
| HMS : SELF-SERVE | 0 | 0 |
| REACH IN FROZEN HMS | 0 | 0 |
| **MEAT** | | |
| MEAT : SERVICE | 0 | 0 |
| MEAT : ONE/TWO DECK | 32 | 0 |
| MEAT : FOUR/FIVE/SIX DECK | 36 | 60 |
| MEAT : PROMO | 8 | 18 |
| LUNCH MEAT | 36 | 36 |
| REACH IN FROZEN MEAT/SEAFOOD | 5 DOORS | 9 DOORS |
| SEAFOOD : SERVICE | 0 | 8 |
| SEAFOOD : ONE/TWO DECK | 0 | 0 |
| SEAFOOD : PROMO | 8 | 0 |
| REACH IN FROZEN SEAFOOD | 0 | 0 |
| **GROCERY** | | |
| DAIRY : FRONT LOAD | 92 | 104 |
| DAIRY PROMO | 0 | 0 |
| DAIRY : REAR LOAD | 6 DOORS | 6 DOORS |
| REACH IN FROZEN FOOD | 79 DOORS | 74 DOORS |
| REACH IN ICE CREAM | 19 DOORS | 21 DOORS |
| REACH IN TOTAL | 98 DOORS | 95 DOORS |
| FROZEN FOOD END CAP | 6 DOORS | 6 DOORS |
| ICE CREAM END CAP | 3 DOORS | 3 DOORS |
| BEER | 0 | 0 |
| WINE | 0 | 0 |
| NATURE'S PLACE | 4 | 0 |
| REACH IN FROZEN NATURE'S PLACE | 6 DOORS | 0 |
| **SHELVING – LINEAR FEET** | | |
| LOW GONDOLA | 72 | 120 |
| LOW SHELVING | 31 | 46 |
| SUB-TOTAL | 103 | 166 |
| HIGH GONDOLA | 1350 | 1392 |
| HIGH SHELVING | 271 | 171 |
| SUB-TOTAL | 1621 | 1563 |
| GRAND TOTAL SHELVING | 1724 | 1729 |

| QTY | ITEM |
|---|---|
| 0 | CSSLP-3-24-FOODLION 24" CHROME CORNER POST WITH DOME TOP |
| 30 | UNI-GUARD-26.5 CORNER PROTECTOR |
| 0 | EXISTING CORNER PROTECTOR |

PROVIDED BY FOOD LION, INSTALLED BY THE GENERAL CONTRACTOR

## WOOD FIXTURES LEGEND

### PRODUCE

| QTY | PLAN ID# | DESCRIPTION |
|---|---|---|
| 1 | P-A | WRAP AROUND ENDCAP |
| 2 | P-B | WRAP AROUND ENDCAP |
| 1 | P-C | SPICE RACK ENDCAP |
| 0 | P-D | 45" EURO TABLE |
| 0 | P-E | 45" CASE EXTENDER |
| 0 | P-F | 36"x36" ORCHARD BIN |
| 1 | P-G | 72" TOMATO ISLAND |
| 1 | P-H | 5' BANANA TABLE (MEDIUM) |
| 0 | P-J | POTATO ENDCAP |
| 0 | P-K | 42" EURO TABLE |
| 0 | P-L | 42" CASE EXTENDER |
| 0 | P-M | NESTING TABLES (5 PC) |
| 2 | P-N | 3' ELEVATED ORCHARD BIN |
| 0 | P-O | BAGGED POTATO DISPLAY |
| 0 | P-P | PRODUCE SPICE RACK |
| 0 | P-Q | 36" CASE EXTENDER |
| 0 | P-R | GARDEN COOLER SNACK FIXTURE |
| 0 | P-S | 50" CASE EXTENDER |
| 0 | P-T | 6' BANANA TABLE (LARGE) |
| 0 | P-U | 3' SNACK FIXTURE |
| 0 | P-V | 8' SNACK FIXTURE |
| 0 | P-W | 6'x3' SNACK FIXTURE |
| 0 | P-X | SEASONAL WEDGE BIN |
| 0 | P-Y | POTATO/ONION DISPLAY |
| 0 | P-Z | PISTACHIO ENDCAP |
| 0 | P-AA | POTATO/ONION ENDCAP |
| 0 | P-AB | BANANA ENDCAP |
| 0 | P-AC | SEASONAL SQUARE BIN |
| 0 | P-AD | POTATO/ONION DISPLAY W/DRAWER |
| 0 | P-AE | 60" TOMATO ISLAND |
| 1 | P-AF | FRESH TO FRONT FIXTURE |
| 0 | P-AG | LG CONSUMER FLORAL FIXTURE |
| 0 | P-AH | 30"D WRAP AROUND END |
| 0 | P-AJ | FLORAL NESTING TABLES (3 PC) |
| 0 | P-AK | CONSUMER FLORAL (CURVED) |
| 0 | P-AL | POTATO/ONION SPICE RACK END |
| 2 | P-AM | POTATO/ONION END |
| 2 | P-AN | POTATO/ONION BIN (LEFT) |
| 0 | P-AO | POTATO/ONION BIN (CENTER) |
| 2 | P-AP | POTATO/ONION BIN (RIGHT) |
| 0 | P-AQ | GARDEN COOLER TABLE ENDCAP |
| 0 | P-AR | GARDEN COOLER TABLE ENDCAP |
| 0 | P-AS | LARGE TOMATO ISLAND |

### PRODUCE CONTINUED

| QTY | MODEL# | DESCRIPTION |
|---|---|---|
| 0 | P-AT | SM GARDEN COOLER SNACK RACK |
| 0 | P-AU | LARGE WRAP AROUND END |
| 0 | P-AV | LARGE CRETE END |
| 0 | P-AW | LARGE ENDCAP |
| 1 | P-AX | SM CONSUMER FLORAL FIXTURE |
| 0 | P-AY | 4' BANANA POD |

### DELI/BAKERY

| QTY | MODEL# | DESCRIPTION |
|---|---|---|
| 0 | D-A | 4' BREAD WALL |
| 3 | D-B | TWO-TIERED SATELLITE TABLE |
| 0 | D-C | 5PC NESTING TABLE |
| 0 | D-D | BAKERY ISLAND |
| 0 | D-E | DUAL ENDCAP |
| 3 | D-F | HIGH VOLUME ISLAND |
| 0 | D-G | 8' BREAD WALL |
| 0 | D-H | 3PC NESTING TABLE |
| 0 | D-J | INLINE BREAD WALL |
| 1 | D-K | PASTRY BIN |
| 0 | D-L | DELI SNACK FIXTURE |
| 0 | D-M | 48" INLINE BREAD WALL |

### REFRIGERATED

| QTY | MODEL# | DESCRIPTION |
|---|---|---|
| 4 | R-A | 3'x8' REFRIG BIN SLANT |
| 1 | R-B | 3'x3' REFRIG BIN SLANT |
| 0 | R-BL | 3'x3' REFRIG BIN SLANT-LOW FRONT |
| 1 | R-C | 4'x4' REFRIG BIN SLANT |
| 0 | R-CL | 4'x4' REFRIG BIN SLANT-LOW FRONT |
| 0 | R-E | 5'x5' REFRIG BERRY QUAD |
| 0 | R-F | 3'x6' REFRIG BIN SLANT |
| 0 | R-G | 3'x6' HIGH BACK REFRIG BIN SLANT |
| 0 | R-H | 4'x4' REFRIG BIN SLANT-REAR SHELF |

### GENERAL

| QTY | MODEL# | DESCRIPTION |
|---|---|---|
| 0 | G-A | LOCAL RACK – FREESTANDING |
| 0 | G-B | LOCAL RACK – BOOKSHELF |
| 0 | G-C | 6 SIDED REUSABLE BAG RACK |
| 0 | G-D | 3 SIDED REUSABLE BAG RACK |


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I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number 10841, expiration date 08-30-2020."

STATE OF MARYLAND DENNIS E. YATES 10841 ARCHITECT
02-14-2020

**Interior Alteration For:**
**FOOD LION**
2110 Executive Drive, Salisbury, NC 28145/ Ph: 704.633.8250
Store No. 1238
11800 Old National Pike
New Market, MD 21774


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File Name: 1238 A1.01_00.dwg
**Date: 02-14-2020**
Revisions:
REVISED FIXTURE PLAN

Architectural
**A1.01**
YCH Commission Number
**19032.00**


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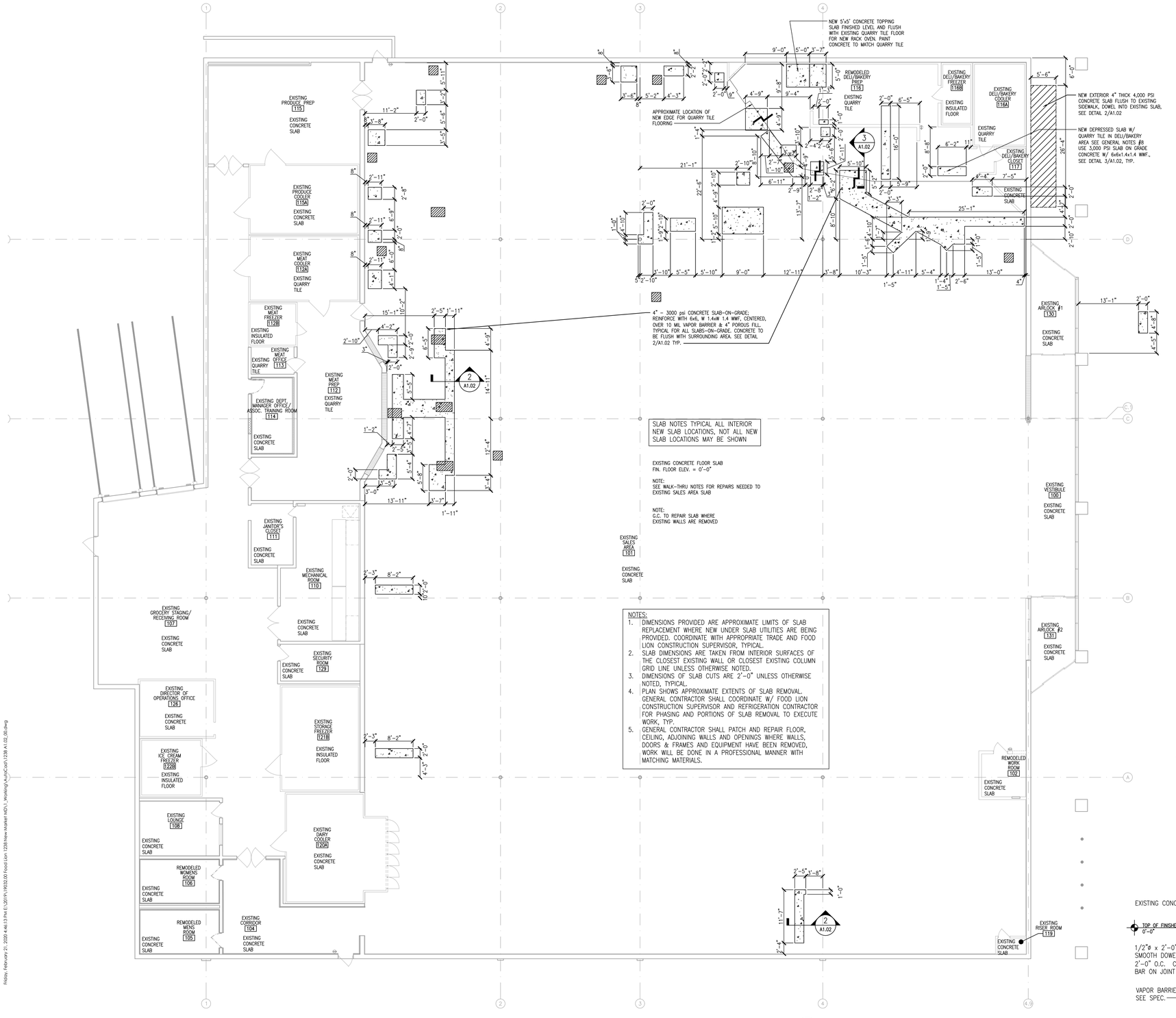



1 A1.02 SLAB/FOUNDATION PLAN
3/32" = 1'-0"

## 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

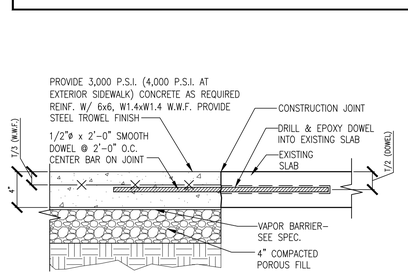
16. THE GENERAL CONTRACTOR SHALL CAULK ALL JOINTS AT JUNCTURE OF SLABS AND WALLS WITH URETHANE SEALANT (GRAY), INCLUDING AREAS BEHIND CASES AND ALL OTHER AREAS THAT ARE NOT EXPOSED. THIS SHALL BE DONE PRIOR TO APPLYING FINISHES.
17. ALL NEW EXPOSED CONCRETE SLABS SHALL NOT RECEIVE AN APPLICATION OF SHAKE-ON 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 ¼" 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

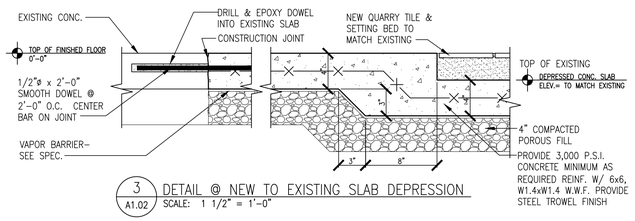
21. IF APPLICABLE: NEW WALLS AT RECEIVING DOCK, RAISED PLATFORMS AND RAMPS TO BE FILLED SOLID WITH CONCRETE.




2 A1.02 DETAIL @ NEW TO EXISTING SLAB
SCALE: 1 1/2" = 1'-0"

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 QUARRY TILE AND SETTING BED




3 A1.02 DETAIL @ NEW TO EXISTING SLAB DEPRESSION
SCALE: 1 1/2" = 1'-0"

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STATE OF MARYLAND · DENNIS P. YATES · 10841 · ARCHITECT · 02-14-2020

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Date: 02-14-2020
Revisions:

SLAB/FOUNDATION PLAN

Architectural
A1.02
YCH Commission Number
19032.00

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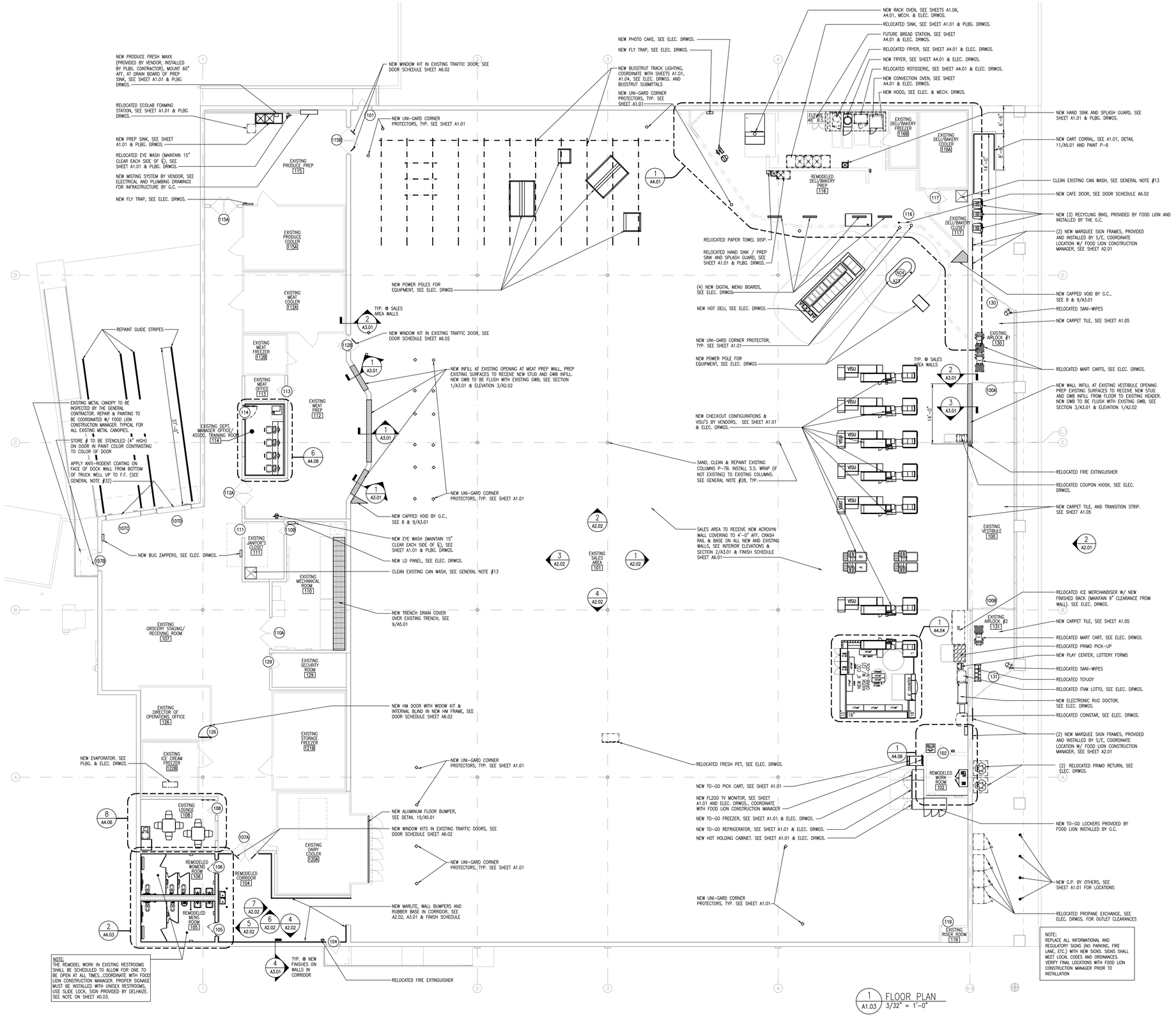


1 FLOOR PLAN A1.03 — 3/32" = 1'-0"

## GENERAL NOTES:

1. FOOD LION WILL BE SUPPLYING THE NECESSARY AUTOMATIC DOORS, CONTROL PANELS, INTERIOR LIGHTING, IMPACT DOORS, SINKS, WATER FOUNTAINS, WATER HEATERS, AQUASTAT & STANDS, HAND DRYERS AND HVAC EQUIPMENT FOR THIS PROJECT. INSTALLATION AND WARRANTIES OF THIS EQUIPMENT IS TO BE SUPPLIED BY THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ORDERING THESE ITEMS DIRECTLY FROM THE SUPPLIER AS SOON AS THE CONTRACT IS AWARDED. THE ITEMS MUST BE STORED ON SITE IN STORAGE TRAILERS. A COMPLETE PACKAGE WITH THE INFORMATION WILL BE SENT TO THE AWARDED GENERAL CONTRACTOR. THESE ITEMS, WITH THE EXCEPTION OF INSTALLATION AND WARRANTY, MUST BE EXCLUDED FROM THE BID. SEE SHEET A1.01
2. METAL FLASHING BETWEEN ALL WALK-IN COOLERS, FREEZERS AND ADJACENT WALLS TO BE FURNISHED AND INSTALLED BY COOLER MANUFACTURER. ADDITIONALLY, A #16 MESH SCREEN CLOSURE FOR THE SAME SPACE ON TOP OF EACH COOLER & FREEZER TO ALSO BE PROVIDED AND INSTALLED BY THE MANUFACTURER. (1/4" HARDWARE CLOTH).
3. ALL CONTRACTORS SHALL HAVE A STORAGE TRAILER FOR STORAGE OF MATERIALS AND EQUIPMENT WHEN NOT IN USE. ANY MATERIALS LEFT IN AN AREA THAT HINDERS STORE OPERATIONS WILL BE DISCARDED. COORDINATE WITH FOOD LION CONSTRUCTION MANAGER.
4. GENERAL CONTRACTORS SHALL GROUT THE GAP BETWEEN WALK-IN FREEZERS AND EDGE OF DEPRESSED SLAB IF APPLICABLE.
5. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL CLEANING AND SANITIZING ALL PREPS, RESTROOMS AND DELI/BAKERY. THE WORK MUST BE APPROVED BY FOOD LION CONSTRUCTION MANAGER.
6. GENERAL CONTRACTOR TO VERIFY ALL EXISTING DIMENSIONS.
7. GENERAL CONTRACTOR IS TO ENCLOSE THE AREAS ABOVE ALL ROOMS AND EXPOSED WALK-IN COOLERS/ FREEZERS IN GROCERY STAGING/ RECEIVING AREAS (IF NOT EXISTING OR REPAIR IF DAMAGED) WITH 2x4 WELDED WIRE ON 3 5/8" METAL STUDS @ 24" O.C. RUN STUDS TO THE ROOF DECKING. GENERAL CONTRACTOR TO PROVIDE 30"x48" ACCESS DOORS IN WIRE ABOVE AS REQUIRED FOR MAINTENANCE ACCESS.
8. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES. ALL RELOCATION OF UTILITIES SHALL BE COORDINATED WITH THE FOOD LION CONSTRUCTION MANAGER AND/OR LOCAL UTILITIES.
9. GENERAL CONTRACTOR IS RESPONSIBLE FOR SEALING ALL OPENINGS/PENETRATIONS IN THE MECHANICAL ROOM AIR-TIGHT.
10. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING THE MINIMUM AMOUNT OF FIRE EXTINGUISHERS AS FOLLOWS:

    8 – 5 LBS. ABC
    1 – 10 LBS. ABC (BALER)
    1 – 6 Liter Class K (DELI/BAKERY)

    (PROVIDE ADDITIONAL EXTINGUISHERS IF INDICATED ON PLAN)
    THE ACCEPTABLE MANUFACTURERS OF THESE FIRE EXTINGUISHERS ARE SENTRY, ANSUL, AND BADGER. THE GENERAL CONTRACTOR SHALL COORDINATE LOCATIONS OF FIRE EXTINGUISHERS WITH THE FOOD LION CONSTRUCTION MANAGER. FIVE-POUND ABC RATED PORTABLE FIRE EXTINGUISHERS WILL BE REQUIRED SO THAT THERE IS NO MORE THAN 50 FEET OF TRAVEL TO AN EXTINGUISHER. THE GENERAL CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ANY ADDITIONAL FIRE EXTINGUISHERS THAT MAY BE REQUIRED BY LOCAL FIRE CODES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR RECHARGING AND UPDATING OF EXISTING EXTINGUISHERS.
11. THE GENERAL CONTRACTOR SHALL INSTALL EXTERIOR MOUNTED GUARD POSTS AS INDICATED ON SITE-SPECIFIC A1.01 AND THE FOOD LION CONSTRUCTION MANAGER.
12. GENERAL CONTRACTOR SHALL SUPPLY AND INSTALL TOILET PARTITIONS AS DESCRIBED ON SHEET A4.03 AND IN THE SPECIFICATIONS.
13. THE GENERAL CONTRACTOR SHALL PRESSURE WASH JANITOR'S ROOM/PREP CLOSET FLOORS, WALLS AND CAN WASH.
14. THE GENERAL CONTRACTOR SHALL CAULK AT TOP AND BOTTOM OF WOOD BASEBOARD AT WALK-IN COOLERS AND FREEZERS AFTER REPAINTING; REMOVE WOOD BASEBOARDS AT ALL CMU WALLS.
15. GENERAL CONTRACTOR SHALL CAULK AROUND ALL FIXTURES/WALL FASTENED ACCESSORIES IN RESTROOMS/ALL CORRIDORS/PREP ROOMS AND OFFICES THROUGHOUT THE ENTIRE STORE (WATER FOUNTAINS, SINKS, PAPER TOWEL HOLDERS, ELECTRICAL PLATE COVERS, PLUMBING FIXTURES, PLUMBING ESCUTCHEONS, ELECTRICAL OUTLETS, SPRINKLER ESCUTCHEONS AND WALL MOUNTED FIXTURES, ETC.) CAULK COLOR TO MATCH FIXTURES.
16. ~~GENERAL CONTRACTOR SHALL INSTALL CONTROL JOINTS IN NEW GYPSUM BOARD WALL FINISH IN SALES AREA AS REQUIRED BY MANUFACTURER. SEE DETAIL 12/A5.01. AT A MINIMUM, SPACING SHALL BE 30' O.C.~~
17. ALL NEW PLYWOOD WORK IS TO BE FIRE RETARDANT TREATED PLYWOOD.
18. THE REFRIGERATION CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF ALL NEW RETROFIT DOORS.
19. THE INTENTION OF FOOD LION IS TO COMPLY WITH ALL REQUIREMENTS SET FORTH IN THE AMERICANS WITH DISABILITY ACT.
20. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL CODES
21. IF NEW SIGNAGE IS REQUIRED, THE GENERAL CONTRACTOR SHALL VERIFY WITH LOCAL SIGN ORDINANCE THAT THE "FOOD LION" SIGN MEETS ALL REQUIREMENTS OF THE ORDINANCE.
22. THE GENERAL CONTRACTOR SHALL SUPPLY ALL SIGNS THAT DENOTE HAZARDOUS AREAS AROUND THE CONSTRUCTION.
23. GENERAL CONTRACTOR TO ACCEPT, STORE, ASSEMBLE & SET OR RELOCATE SMALL EQUIPMENT SIMILAR TO, BUT NOT LIMITED TO; CART CORRALS, BENCHES, BACKROOM EQUIPMENT, BIKE RACKS, OFFICE FURNITURE, CHAIRS, SHELVES, LAUNDRY CABINET, ETC.
24. ~~GENERAL CONTRACTOR IS TO BID INSTALLING A SPRINKLER SYSTEM UNDER THE FRONT CANOPY. ANTI-FREEZE IS PREFERRED, BUT CHECK FOR LOCAL REQUIREMENTS. IF ANTI-FREEZE SYSTEM IS NOT ALLOWED, THEN INSTALL A DRY LOOP SYSTEM. COORDINATE WITH THE CONSTRUCTION MANAGER ON THE COMPRESSOR LOCATION AND POWER REQUIREMENTS. THE SPRINKLER CONTRACTOR MUST INSTALL A TAMPER SWITCH ON THE BALL VALVE FOR THE ANTI-FREEZE SYSTEM.~~
25. ~~GENERAL CONTRACTOR SHALL CONSTRUCT A PLATFORM AROUND THE AIR HANDLER AFTER THE AIR HANDLER IS INSTALLED. PLATFORM SHALL MEET ALL OSHA AND CODE REQUIREMENTS.~~
26. ~~THE GENERAL CONTRACTOR SHALL CONSTRUCT A PLATFORM FOR THE WATER HEATER ABOVE THE MEN'S RESTROOM. SEE SHEET P6.01.~~
27. ~~INSULATE THE CELLS OF THE MASONRY WALLS WITH A MINIMUM "R" VALUE OF 13.7.~~
28. ALL STAINLESS STEEL THRESHOLDS SHALL BE 304 S/S WITH #2B FINISH AND PROTECTIVE FILM. THRESHOLDS SHALL BE 5" WIDE X 11 GAUGE (1/8" THICK) STAINLESS STEEL WITH COUNTERSUNK SCREWS AND SET IN A FULL BED OF SILICONE TO FLOOR. ALL OTHER STAINLESS STEEL SHALL BE 304 WITH #3 FINISH AND PROTECTIVE FILM. COLUMN WRAPS SHALL BE 22 GAUGE STAINLESS STEEL, SET ON TOP OF THE FINISH FLOOR TO 4'-0" AFF. FOR ROUND COLUMNS, PROVIDE A 1/2" FOLD OVER HEM LAP SEAM. FOR SQUARE COLUMNS, PROVIDE A 1" LAP SEAM WITH HEMMED EDGE. INSTALL WRAP WITH STAINLESS STEEL RIVETS, 1/2" FROM THE TOP, 2" FROM BOTTOM AND APPROXIMATELY 10-22" INTERMEDIATELY SPACED. FULLY CAULK TOP AND BOTTOM OF WRAP AND SEAM WITH CLEAR SILICONE SEALANT. CAULK AFTER COLUMN PAINTING IS COMPLETED. OVEN/HOOD FLASHING AND BACK-SPLASH SHALL BE 20 GUAGE. ALL OTHER TRIM, DOOR FRAMES, DOOR PLATES, CORNER GUARDS (NON-HEMMED EDGES), ETC. SHALL BE 18 GAUGE STAINLESS STEEL. ALL EDGES SHALL BE DEBURRED AND HAVE RADIUS CORNERS.
29. THE GENERAL CONTRACTOR SHALL PATCH ALL OPENINGS IN MASONRY WALLS. GROUT OR CAULK ALL PENETRATIONS, HOLES AND/OR CRACKS IN ALL WALLS (NEW AND EXISTING). THE VOIDS ON TOP OF ALL MASONRY WALLS MUST BE FILLED AND SEALED WITH A CEMENTITIOUS MATERIAL.

## EXTERIOR

30. GENERAL CONTRACTOR SHALL SAND AND REPAINT ANY NEW & EXISTING EXTERIOR GUARDPOSTS WITH "TRAFFIC YELLOW" PAINT.
31. GENERAL CONTRACTOR SHALL SAND, CLEAN AND REPAINT (MIN. 2OF 2 COATS) ALL EXTERIOR METAL INCLUDING BUT NOT LIMITED TO STAIRS, CANOPY SUPPORTS, DOORS AND FRAMES, CART CORRALS, ROOF TOP STEEL, ETC. AS DEPICTED IN THESE DRAWINGS OR AS DIRECTED BY THE FOOD LION CONSTRUCTION MANAGER.
32. ANTI- RODENT COATING – APPLY (1) ONE COAT OF SHERWIN WILLIAMS F7910 SURFACING COMPOUND (PRIMER) AND (2) COATS OF ACROLON100 URETHANE (FINISH COAT). COLOR TO MATCH EXISTING EXTERIOR COLOR. COORDINATE WITH FOOD LION CONSTRUCTION MANAGER.
33. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR HANGING OR REHANGING ENFORCABLE "NO PARKING" SIGNS ON FRONT COLUMNS. THE BOTTOM OF EACH SIGN SHALL BE MOUNTED 6'-0" ABOVE THE FINISHED CONCRETE WALK. SIGNS TO BE PROVIDED BY GC.
34. GENERAL CONTRACTOR IS TO PRESSURE WASH FRONT SIDEWALKS, STORE FRONT MASONRY, VINYL CEILINGS, AND DUMPSTER PADS ONE WEEK PRIOR TO RE-GRAND, MUST USE HOT WATER AND GENERAL CONTRACTOR IS TO HAVE ALL STOREFRONT GLASS PROFESSIONALLY CLEANED AFTER PRESSURE WASHING THE SIDEWALK DURING THE WEEK PRIOR TO GRAND OPENING.
35. ALL NEW EXTERIOR ALUMINUM CANOPIES SHALL BE A MINIMUM OF 24 GUAGE DECKING, REFER TO SPECIFICATIONS FOR REQUIREMENTS

## LEGEND

- NEW METAL STUD WALL FRAMING
- EXISTING WALL
- NEW CONCRETE BLOCK WALL
- NEW BRICK VENEER
- NEW COOLER/FREEZER WALLS
- XXX — ROOM NUMBER...SEE SCHEDULE SHEET #A6.01
- (XX) — DOOR NUMBER...SEE SCHEDULE SHEET #A6.01
- (X) — WINDOW MARK...SEE SCHEDULE SHEET #A6.01
- ◇ — NEW UNI-GARD CORNER PROTECTOR...SEE SHEET #A1.01

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STATE OF MARYLAND · DENNIS P. YATES · 10841 · ARCHITECT · 02-14-2020

Interior Alteration For: FOOD LION Store No. 1238
2110 Executive Drive, Salisbury, NC 28147 Ph: 704.633.8250
11800 Old National Pike New Market, MD 21774

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Date: 02-14-2020
Revisions:

FLOOR PLAN

Architectural
A1.03
YCH Commission Number
19032.00

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Concord, NC 28027
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ycharch.com

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NOTE: REFER TO SHEET FP1.01 FOR ALL EXISTING SPRINKLER HEADS AND AREAS TO ADJUST EXISTING SPRINKLER HEADS OR PROVIDE NEW SPRINKLER HEADS IN CEILING

1 / A1.04 REFLECTED CEILING PLAN
3/32" = 1'-0"

## 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
- EXISTING EMERGENCY EXIT LIGHT
- EXISTING CAMERA

### HVAC & VENTILATION: (SEE MECHANICAL)

- EXISTING DIFFUSER
- NEW/RELOCATED DIFFUSER
- EXISTING RETURN
- NEW/RELOCATED RETURN
- EXISTING EXHAUST FAN
- NEW/RELOCATED EXHAUST FAN OR TRANSFER FAN
- EXISTING EVAPORATOR
- NEW/RELOCATED EVAPORATOR
- EXISTING CEILING FANS

### SPRINKLER:

- EXISTING SPRINKLER HEAD
- EXISTING SPRINKLER ABOVE CEILING

REFER TO SHEET A6.01 FOR FINISH MATERIALS LEGEND

### CEILING TYPES:

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

## 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 FOOD LION 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 – SEE SPECIFICATIONS.


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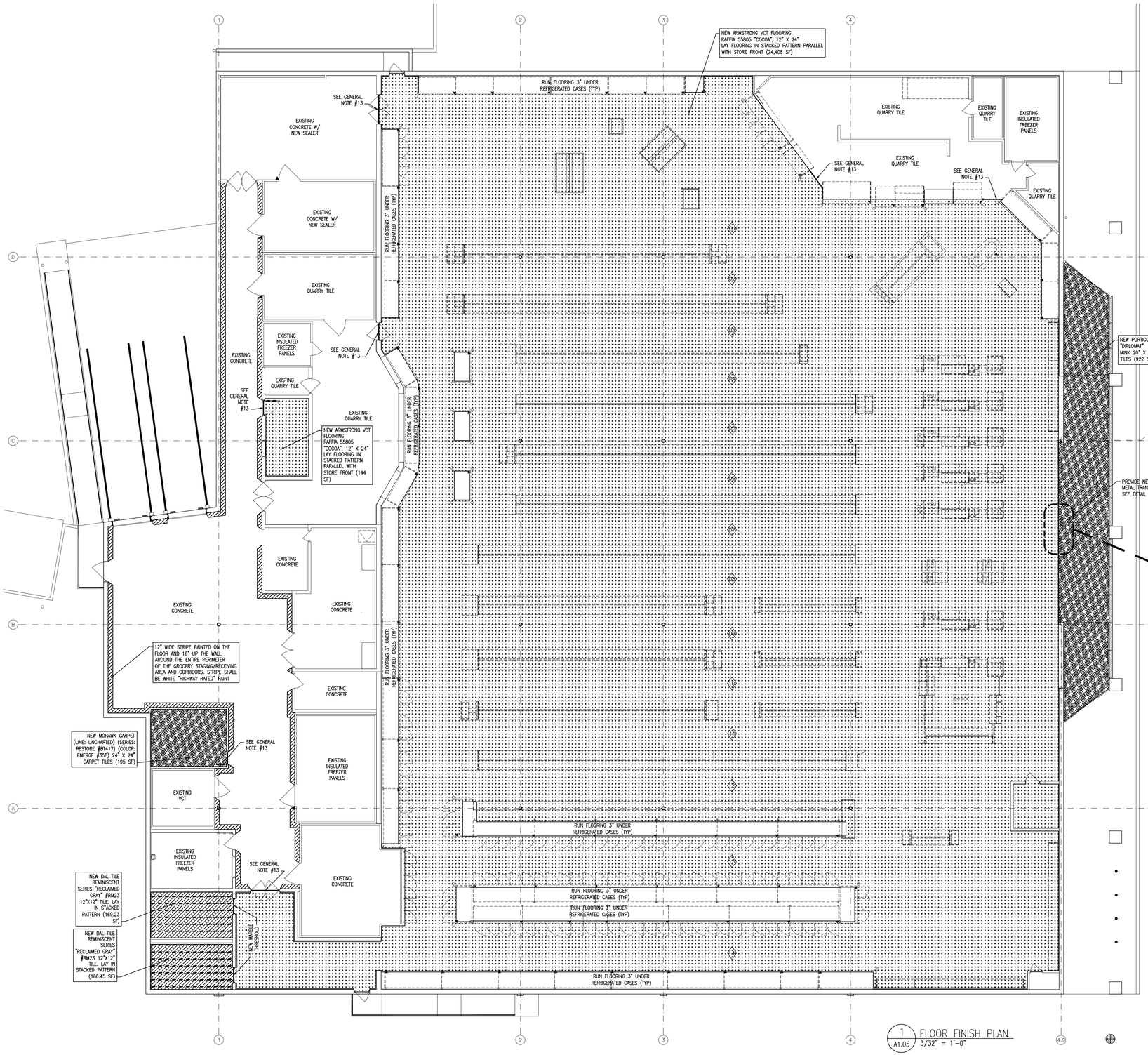



1 A1.05 FLOOR FINISH PLAN
3/32" = 1'-0"

## 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

## 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 5% OF EACH COLOR OF VCT TO BE LEFT AT THE STORE. COORDINATE WITH THE FOOD LION CONSTRUCTION MANAGER.
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". 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

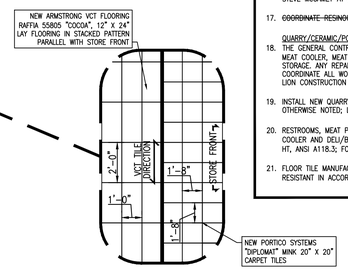
9. ALL PRODUCTS FOR UNDERLAYMENT OF VCT SHALL BE MAPEI TO PROVIDE A COMPLETE MAPEI SYSTEM. SEE SPECIFICATIONS.
10. IN AREAS WHERE FLOOR DRAINS OCCUR, THE FINISH FLOOR SHALL SLOPE 1/16" PER FOOT TO DRAIN.
11. SEAL ALL EXPOSED CONCRETE FLOORS WITH AN EXTRA COAT OF CONCRETE SEALER ONE WEEK PRIOR TO GROCERY 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

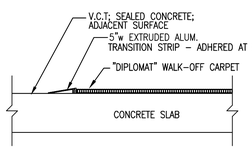
15. RESINOUS FLOORING TO TAPER OFF FLUSH WITH CONCRETE BEHIND COOLER PANEL. DO NOT INSTALL A METAL TRANSITION STRIP.
16. RESINOUS DECORATIVE FLOORING SHALL BE PURCHASED FROM DUR-A-FLEX INC. CONTACT KEVIN STEPHENS AT (919) 208-8662 OR FROM PROTECTIVE INDUSTRIAL POLYMERS, CONTACT STEVE McCAMEY AT (804)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




3 A1.05 ENLARGED FLOORING DIRECTION DETAIL
SCALE: N.T.S




2 A1.05 CARPET TRANSITION DETAIL
SCALE: N.T.S

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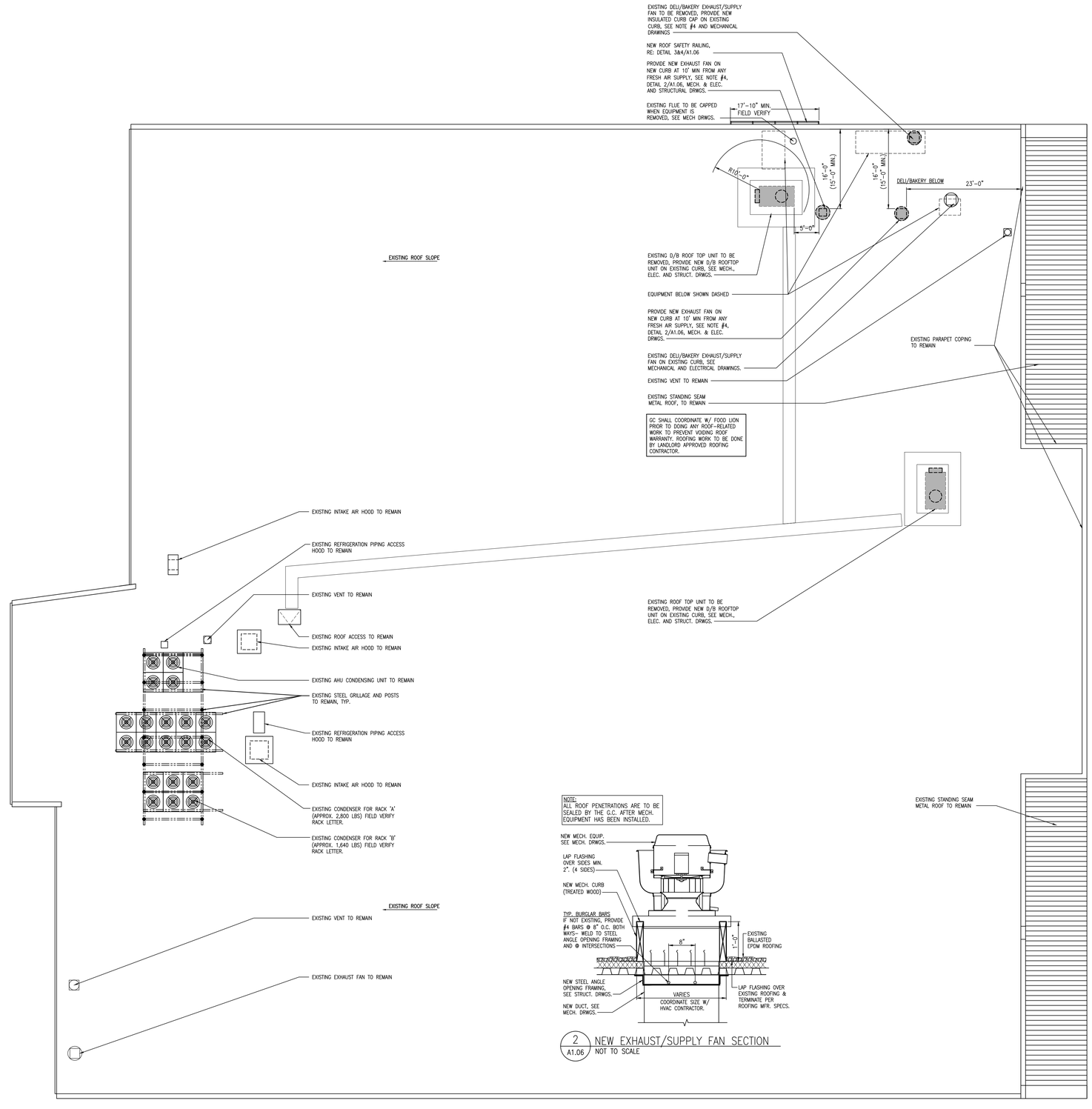



1 A1.06 ROOF PLAN
3/32" = 1'-0"

NOTE:
ALL ROOF PENETRATIONS ARE TO BE SEALED BY THE G.C. AFTER MECH. EQUIPMENT HAS BEEN INSTALLED.



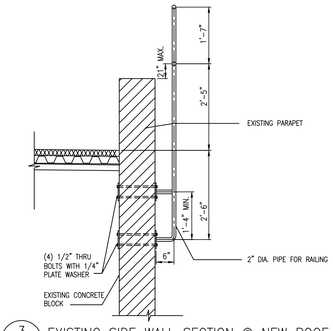

2 A1.06 NEW EXHAUST/SUPPLY FAN SECTION
NOT TO SCALE

GENERAL NOTES:

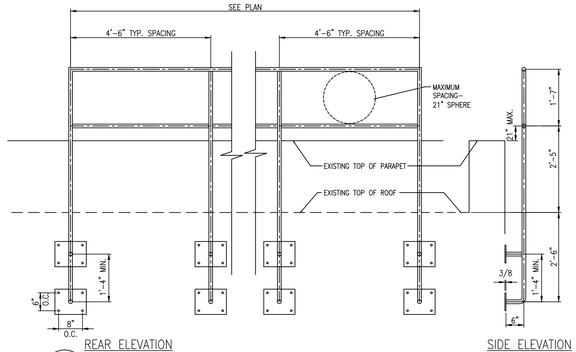
1. LOCATE ALL ACCESSES BETWEEN BAR JOISTS.
2. ALL ROOF PENETRATIONS ARE TO BE SEALED BY THE GENERAL CONTRACTOR AFTER ALL INSTALLATIONS HAVE BEEN COMPLETED.
3. THE GENERAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL CURBS & FLASHING FOR MECHANICAL EQUIPMENT AND PIPING; INCLUDING EQUIPMENT VENTS IN GAS STORES. ALL ROOF OPENINGS DUE TO REMOVAL OF HVAC OR REFRIGERATION EQUIPMENT SHALL BE PATCHED OR REPAIRED IN COMPLIANCE WITH THE ROOF MANUFACTURE'S STANDARDS. GENERAL CONTRACTOR MUST VERIFY THE EXISTING WARRANTY WITH THE OWNER TO AVOID POSSIBILITY OF VOIDING THIS WARRANTY. NOTE: ALL ABANDONED HVAC AND REFRIGERATION ROOFTOP EQUIPMENT SHALL BE REMOVED AND DISPOSED OF AND MAKE NECESSARY ROOF REPAIRS NOT TO VOID ANY WARRANTIES.
4. ALL NEW AND EXISTING ROOF OPENINGS WITH ANY DIMENSIONS LARGER THAN 8" SHALL HAVE #4 BURGLAR BARS @ 8" O.C. EACH WAY, WELDED TO DECK FRAME AND INTERSECTIONS. (EXCEPT ACCESS HATCH)
5. 3'-0"X3'-0" WALKWAY PADS SHALL BE INSTALLED PER ROOF MANUFACTURER'S RECOMMENDATION AS TO NOT VOID THE ROOF WARRANTY.
6. INFORMATION CONCERNING PLUMBING, MECHANICAL OR REFRIGERATION ITEMS ON THIS PLAN, ARE SHOWN FOR COORDINATION PURPOSES ONLY. SEE PLUMBING AND MECHANICAL DRAWING FOR EXACT SIZE AND LOCATIONS.
7. KEEP ALL ROOF PENETRATIONS AT LEAST 1'-0" CLEAR FROM THE EDGE OF THE ROOF.
8. REFER TO PLUMBING AND MECHANICAL DRAWINGS FOR VENT STACK AND EXHAUST FAN LOCATIONS.
9. THE STEEL FOR THE CONDENSERS THAT IS SUPPLIED BY THE REFRIGERATION CONTRACTOR SHALL BE PRIMED AND FINISH PAINTED BY THE GENERAL CONTRACTOR AFTER IT HAS BEEN INSTALLED.
10. ALL ROOF OPENINGS DUE TO REMOVAL OF HVAC OR REFRIGERATION EQUIPMENT SHALL BE PATCHED OR REPAIRED IN COMPLIANCE WITH THE ROOF MANUFACTURER'S STANDARDS. GENERAL CONTRACTOR MUST VERIFY THE EXISTING WARRANTY WITH THE OWNER TO AVOID POSSIBILITY OF VOIDING THIS WARRANTY. ANY OPENING OVER 8" X 8" REQUIRES BURGLAR BARS. NOTE: ALL ABANDONED HVAC AND REFRIGERATION ROOFTOP EQUIPMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF AND MAKE NECESSARY ROOF REPAIRS NOT TO VOID ANY WARRANTIES.
11. V.T.R.'S SHALL BE MINIMUM OF 10' FROM ANY FRESH AIR INTAKE, COORDINATE AS REQUIRED WITH MECHANICAL CONTRACTOR.
12. THE REFRIGERATION CONTRACTOR IS RESPONSIBLE FOR SUPPLYING THE NEW CONDENSING UNITS FOR THE REFRIGERATION RACKS AND ANY STEEL REQUIRED TO MOUNT THESE CONDENSING UNITS ONTO SUPPORT STEEL THAT IS FURNISHED BY THE GENERAL CONTRACTOR.
13. ~~EXACT SIZE OF STEEL FOR ALL ROOF TOP CONDENSING UNITS SHALL BE DETERMINED BY THE STRUCTURAL ENGINEER OF RECORD.~~
14. VERIFY THE DIMENSION FOR THE CONDENSER FRAMES WITH THE CONDENSER SUPPLIER PRIOR TO FABRICATION.
15. CONDENSER WEIGHTS SHOWN ARE BASED ON THE MOST STRINGENT REFRIGERATION SCHEDULE. ~~ACTUAL WEIGHTS SHALL BE DETERMINED BY ARCHITECT AND ENGINEER OF RECORD.~~
16. ~~PRESSURE SENSOR MAT PROVIDED BY FOOD LION SHALL BE MOUNTED ON HEADER END OF EQUIPMENT W/ 1/4" CONDUIT TO SECURITY. CONTACT PAULA STEELMAN LP EQUIPMENT INSTALLATION/SERVICE PROJECT LEAD (704-633-8250 ex. 2101)~~
17. THE GENERAL CONTRACTOR AND SUB-CONTRACTORS ARE RESPONSIBLE FOR COMPLETING ALL SESCO PUNCH LIST ITEMS AND NOTIFYING SESCO TO COME AND SIGN OFF. SESCO WILL SET A PUNCH LIST DATE BY THE "SUBSTANTIAL COMPLETION DATE" SET IN THE SCHEDULE.
18. THE WEIGHTS OF THE EXISTING MECHANICAL/ REFRIGERATION EQUIPMENT ARE TAKEN FROM EXISTING DRAWINGS PROVIDED BY FOOD LION. IF NEW EQUIPMENT IS ADDED TO THE ROOF THE G.C. SHALL VERIFY EXISTING EQUIPMENT WEIGHTS AND PROVIDE TO ARCHITECT AND STRUCTURAL ENGINEER
19. COORDINATION OF REMOVAL OF EXISTING CONDENSING UNITS & INSTALLATION OF NEW UNITS IS TO BE DONE BETWEEN FOOD LION CONSTRUCTION MANAGER, REFRIGERATION CONTRACTOR, MECHANICAL CONTRACTOR AND ELECTRICAL CONTRACTOR.

ROOF PLAN KEY NOTES: ◇1

1. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PAINTING ALL NEW EXPOSED ROOF-TOP REFRIGERATION LINES SILVER.




3 A1.06 EXISTING SIDE WALL SECTION @ NEW ROOF SAFETY RAILING
1/2" = 1'-0"




4 A1.06 NEW ROOF SAFETY RAILING ELEVATION @ REAR WALL
1/2" = 1'-0"

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Revisions:

ROOF PLAN

Architectural
A1.06
YCH Commission Number
19032.00

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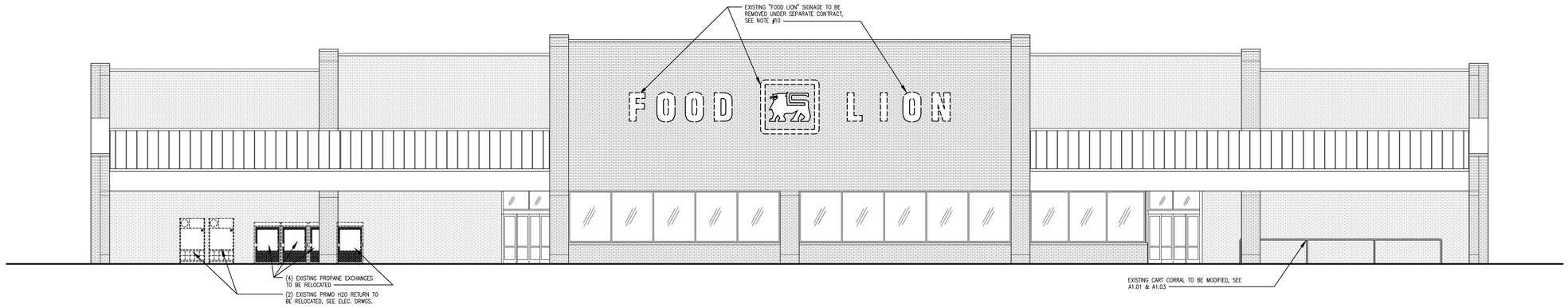
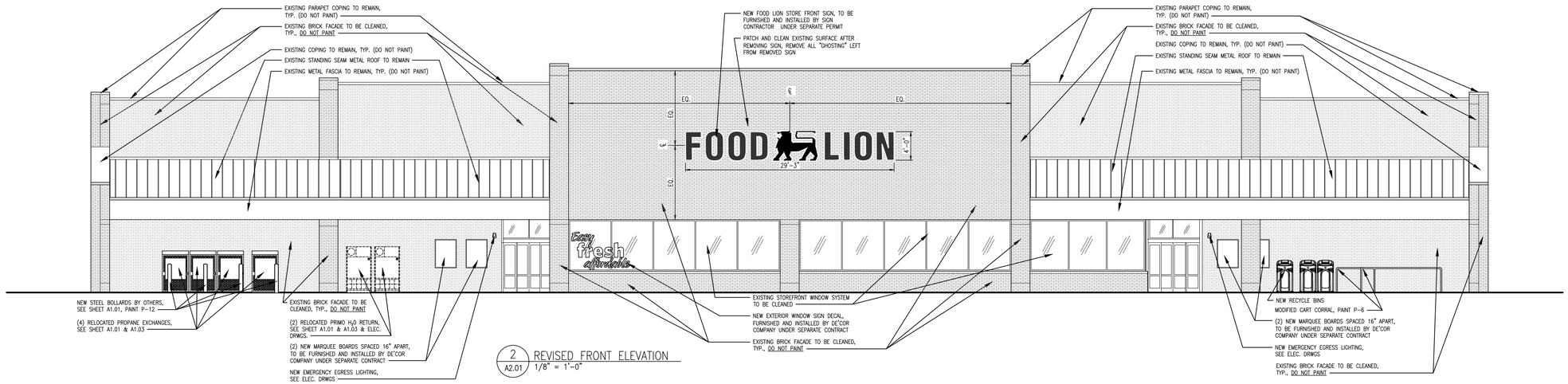



1 / A2.01 EXISTING FRONT ELEVATION – DEMOLITION
1/8" = 1'-0"




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

NOTE:
IF THE INSTALLATION OF THE FOOD LION SIGNAGE REQUIRES THE PENETRATION OF THE ROOFING MEMBRANE, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER REPAIR OF THESE PENETRATIONS. ONE PENETRATION PER LETTER FOR ELECTRICAL CONDUIT ONLY. NO MOUNTING PENETRATIONS ALLOWED.

## 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 G.C.'S OWNING OF THE REPAINTING COST.

4. IF APPLICABLE, THE GENERAL CONTRACTOR SHALL SUPPLY ALL OF THE BLOCKING NECESSARY FOR MOUNTING ALL SIGNS TO THE CANOPY AND GENERAL CONTRACTOR 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 AN 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 FOODLION CONSTRUCTION MANAGER) THIS AREA IS TO BE USED FOR JOB TRAILERS, MATERIALS, LIFTS AND OTHER CONSTRUCTION NEEDS. G.C. 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 FOOD LION 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. G.C. SHALL SEAL ALL HOLES LEFT FROM REMOVAL OF EXISTING SIGNAGE TO BE WATER TIGHT 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.

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EXTERIOR ELEVATIONS

Architectural
**A2.01**
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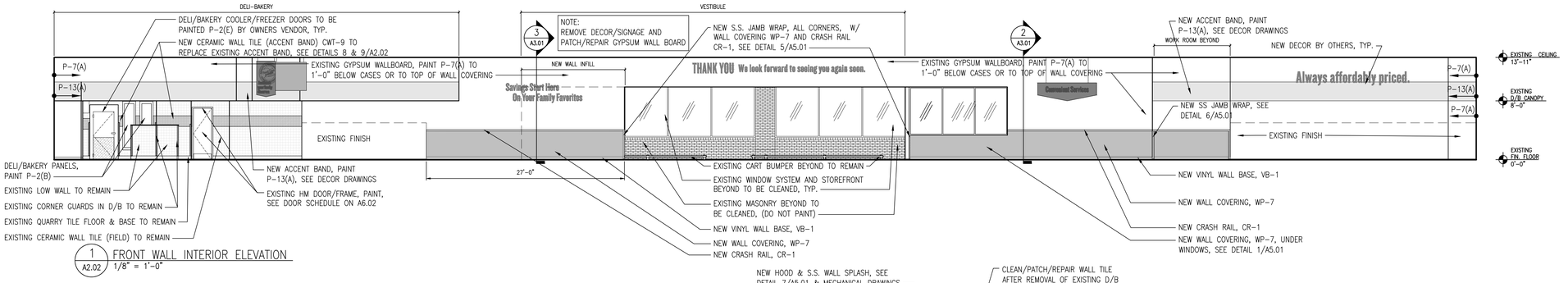
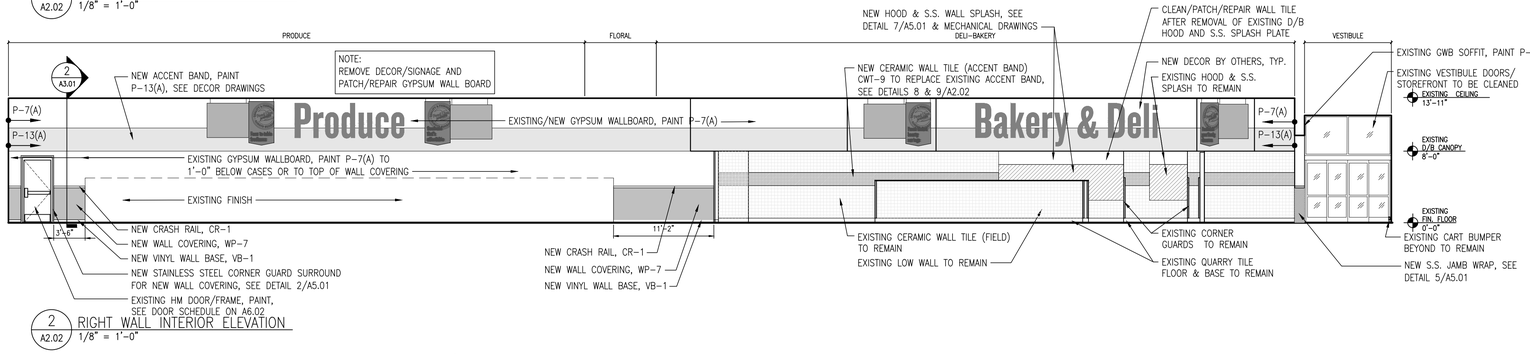
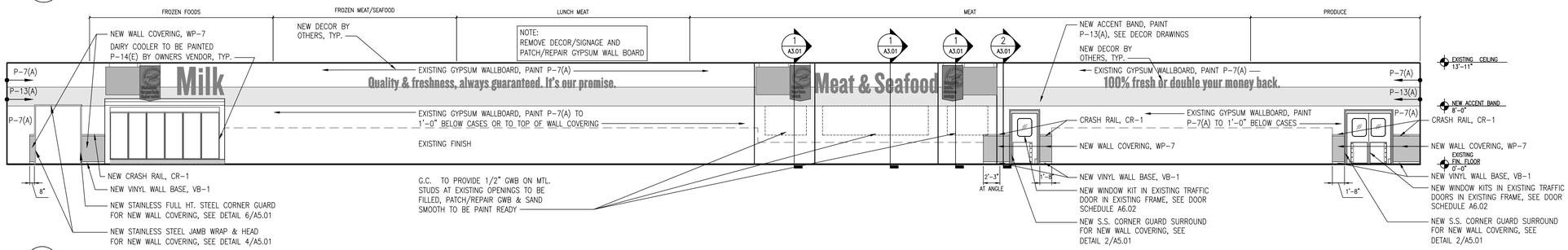


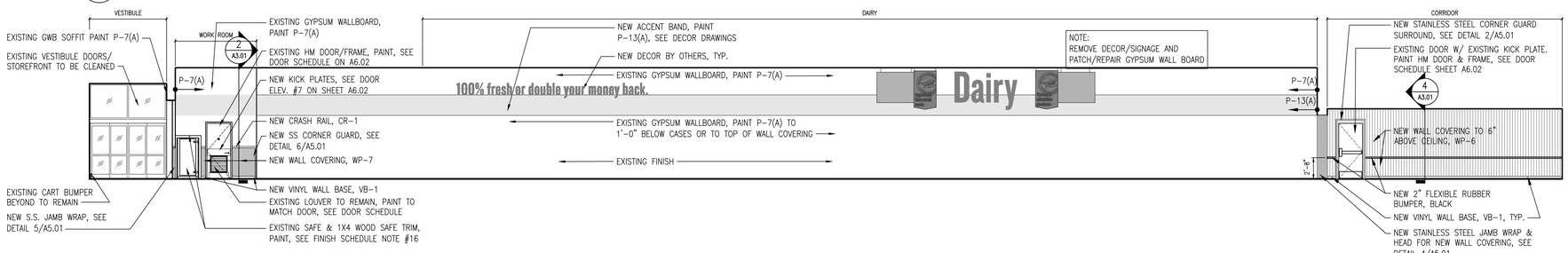

1 A2.02 FRONT WALL INTERIOR ELEVATION
1/8" = 1'-0"



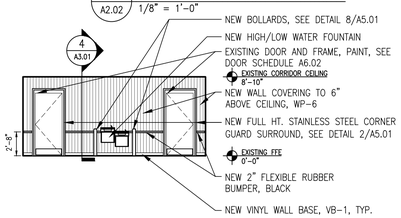

2 A2.02 RIGHT WALL INTERIOR ELEVATION
1/8" = 1'-0"



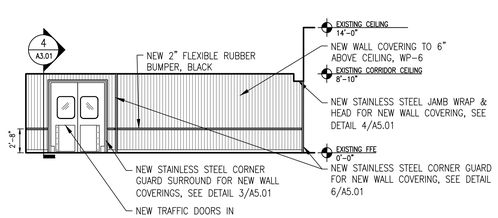

3 A2.02 REAR WALL INTERIOR ELEVATION
1/8" = 1'-0"



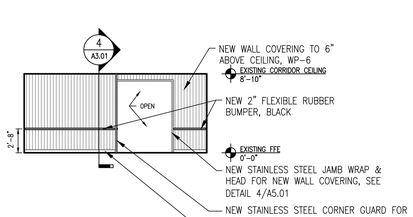

4 A2.02 LEFT WALL INTERIOR ELEVATION
1/8" = 1'-0"



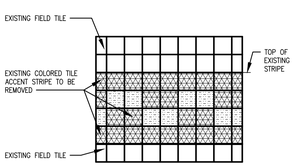

5 A2.02 RESTROOM CORRIDOR
1/8" = 1' -0



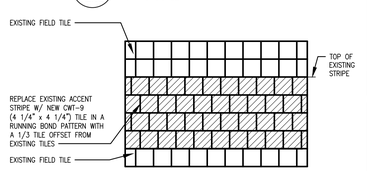

6 A2.02 RESTROOM CORRIDOR
1/8" = 1' -0




7 A2.02 RESTROOM CORRIDOR
1/8" = 1' -0




8 A2.02 EXISTING 4 ROW ACCENT STRIPE DELI/BAKERY WALL DETAIL
NOT TO SCALE




9 A2.02 NEW 4 ROW ACCENT STRIPE DELI/BAKERY WALL DETAIL
NOT TO SCALE

## 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 ADA REGULATIONS.
3. ALL PAINT COLORS AND FINISH MATERIALS SHALL BE VERIFIED BY THE FOOD LION 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 SALES/CUSTOMER FACING AREAS IS TO BE REMOVED AND REPLACED WITH NEW WALL PANELS. SEE FINISH SCHEDULE.
6. ALL EXISTING WOOD TRIM NOT SHOWN IS TO BE REMOVED, 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 POLISHED ALUMINUM TRIM.
10. REMOVE AND REINSTALL EXISTING POLISHED ALUMINUM CORNER GUARDS AND WALL MOUNTED TRIM AS REQUIRED TO INSTALL NEW FINISHES, TYP.
11. ALL NEW WALL TILE SHALL RECIEVE STAINLESS STEEL TRIM (ST-2) CORNER TRIM ON ALL OUTSIDE CORNERS UNLESS MATCHING EXISTING. APPLY STAINLESS CORNER GUARD TO EXPOSED CORNERS UP TO 4' A.F.F.

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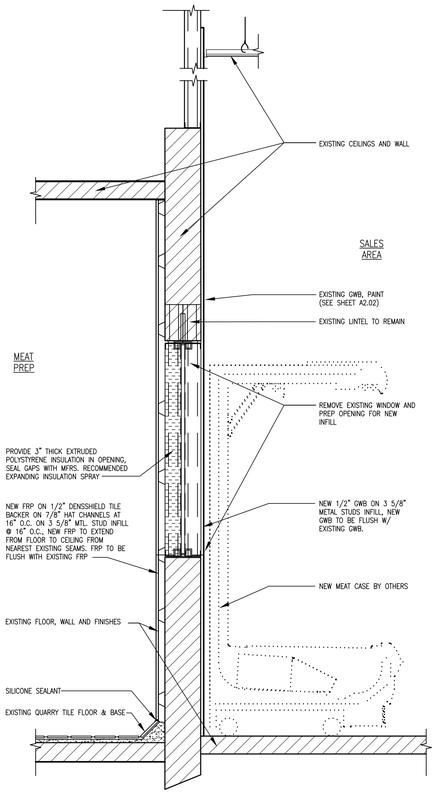
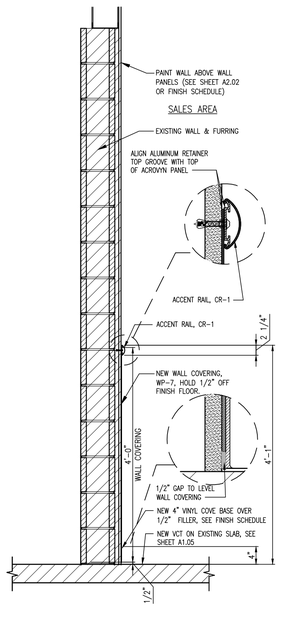
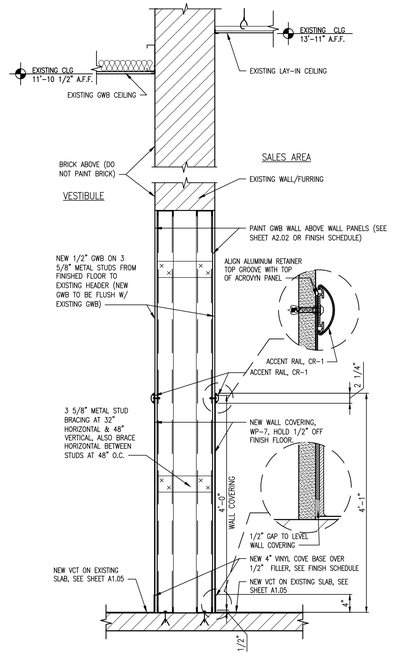


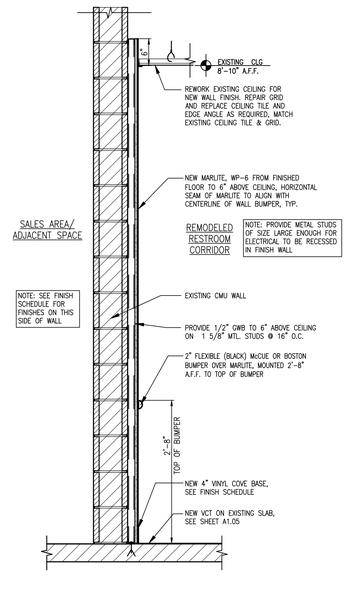

1 A3.01 SECTION AT MEAT PREP WINDOW IN FILL
3/4" = 1'-0"



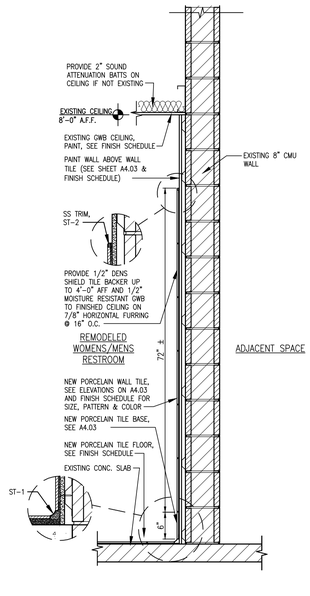

2 A3.02 SECTION @ NEW SALES AREA WALL COVERING
3/4" = 1'-0"



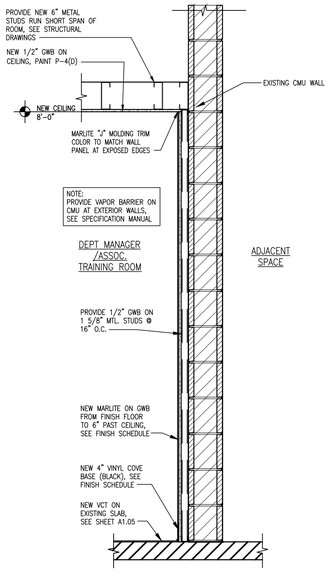

3 A3.01 SECTION @ NEW VESTIBULE WALL
3/4" = 1'-0"



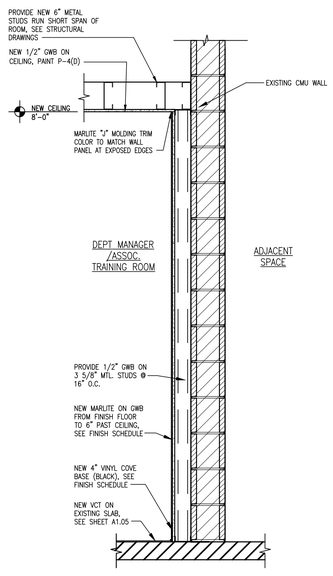

4 A3.01 SECTION @ NEW CORRIDOR WALL FURRING
3/4" = 1'-0"



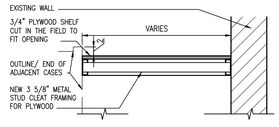

5 A3.01 SECTION @ NEW RESTROOM WALL FURRING
3/4" = 1'-0"



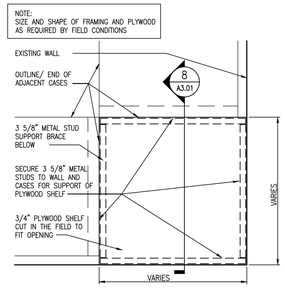

6 A3.01 SECTION @ 2 1/8" FURRED WALL @ DEPT. MANAGER OFFICE / ASSOC. TRAINING ROOM
3/4" = 1'-0"




7 A3.01 SECTION @ 4 1/8" FURRED WALL @ DEPT. MANAGER OFFICE / ASSOC. TRAINING ROOM
3/4" = 1'-0"




8 A3.01 CAPPED VOID BY G.C – CROSS SECTION
3/4" = 1'-0"




9 A3.01 CAPPED VOID BY G.C – PLAN VIEW
3/4" = 1'-0"

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**Date: 02-14-2020**

Revisions:

WALL SECTIONS

Architectural
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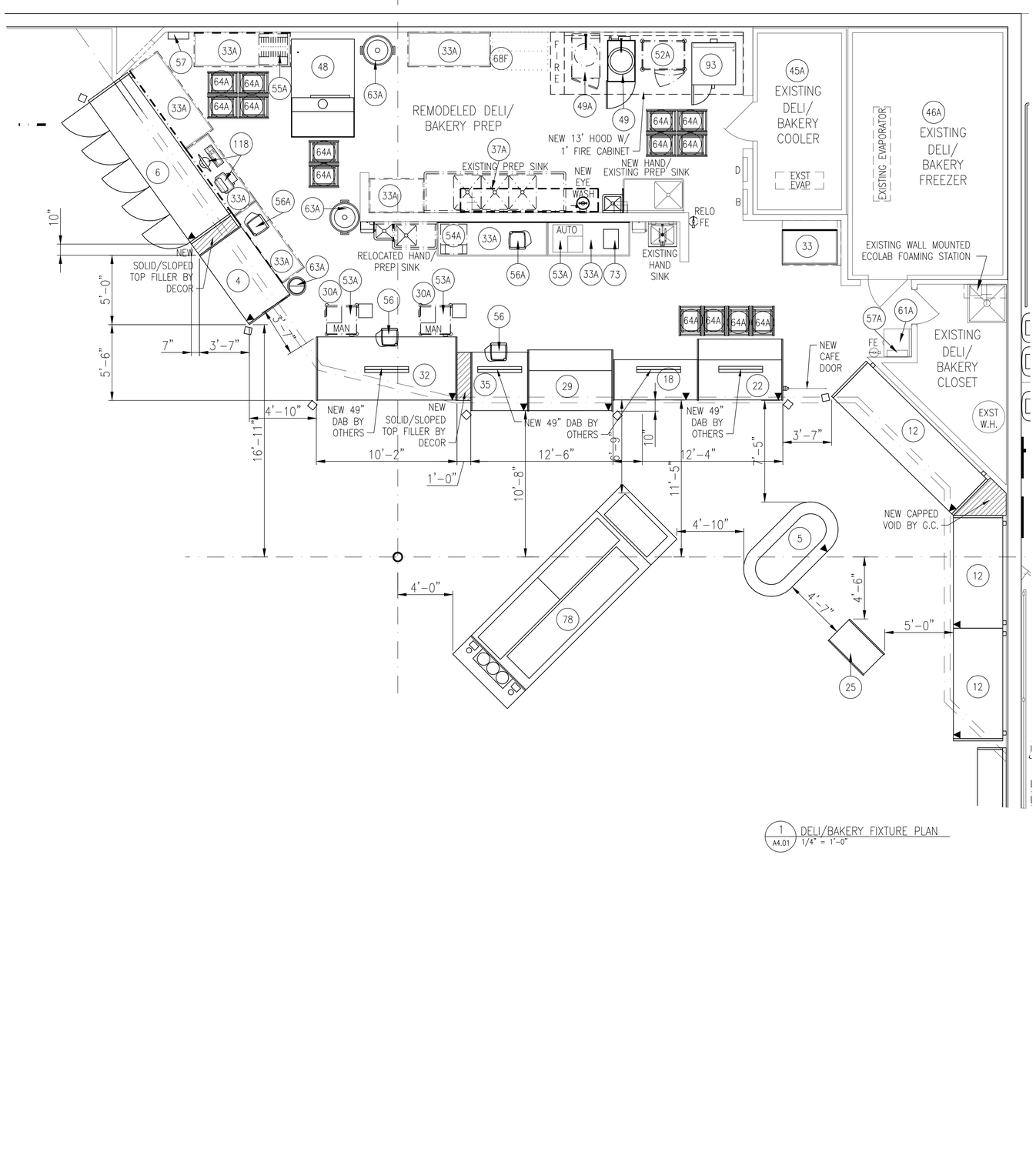


1 A4.01 DELI/BAKERY FIXTURE PLAN
1/4" = 1'-0"

DELI/BAKERY EQUIPMENT SCHEDULE

| | DESCRIPTION | STATUS | SIZE | REQD | MODEL | SUPPLIER/MANUFACTURER |
|---|---|---|---|---|---|---|
| 4 | SELF SERVE REFRIGERATED BAKERY | NEW | 6'-1"x3'-8"x6'-0" | 1 | PT-6R-72-Bakery | HILL PHOENIX |
| 5 | SELF-SERVE ISLAND MERCHANDISER | NEW | 8'-1"x4'-2"x4'-9" | 1 | PFI-8-40BR-57 | HILL PHOENIX |
| 6 | 5 DOOR REACH IN FROZEN BAKERY | NEW | 12'-6 x3'-8 x6'-10" | 1 | QV5V14 | KYSOR WARREN |
| 12 | MULTI-DECK SELF SERVE COLD DELI | NEW | 8'-12"-1"x3'-8"x6'-8" | 3 | QX6LN | KYSOR WARREN |
| 18 | CONVECTION HOT DELI | NEW | 2'-11" x 6'-0" x 4'-6" | 1 | PT-6HC-54 | HILL PHOENIX |
| 22 | COLD SUSHI - SERVICE/SELF SERVE | NEW | 6'-1" x 4'-5" x 4'-5" | 1 | PT-6R-RRS | HILL PHOENIX |
| 25 | SELF SERVE SINGLE DECK COLD DELI | NEW | 3'-7" x 2'-0" x 3'-4" | 1 | HSCN-SC | HILL PHOENIX |
| 29 | COLD SANDWICH - SERVICE/SELF SERVE | NEW | 6'-1" x 4'-5" x 4'-5" | 1 | PT-6R-RRS | HILL PHOENIX |
| 32 | COLD DELI - SERVICE/SELF SERVE | NEW | 4'-6" x 10'-1" x 4'-6" | 1 | SD-10R CUBE | HILL PHOENIX |
| 35 | COLD DELI - SERVICE/SELF SERVE | NEW | 4'-6" x 4'-2" x 4'-3" | 1 | PTD-4R-RRS CUBE | HILL PHOENIX |
| 78 | HOT/COLD ISLAND | NEW | 5'-7"x 17'-6" | 1 | ISHFB17665-5 | |
| | | | *** TABLES *** | | | |
| 30A | SLICER STAND | RELOCATED | ---------- | 2 | ---------- | ---------- |
| 33 | S.S. TABLES | NEW | 2'-6" X 4'-0" | 1 | 160-26INT2D-FL | JOHN BOOS |
| 33A | S.S. TABLES | EXISTING/RELOCATED | ------ | 8 | ------ | ------ |
| | | | *** BOAT RACKS *** | | | |
| 37A | BOAT 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-1E4 | LBC BAKERY EQUIPMENT |
| 49 | FRYER AND FILTER (SEE NOTE No. 2) | NEW | 2'-0" x 3'-0" x 4'-1" | 1 | BLFF-208/60/3 | BKI |
| 49A | FRYER AND FILTER (SEE NOTE No. 2) | RELOCATED | ---------- | 1 | ---------- | ---------- |
| 52A | ROTISSERIE w/ STAND | EXISTING/RELOCATED | ---------- | 1 | ---------- | ---------- |
| 73 | COUNTERTOP INDUCTION RANGE | NEW | 1'-1"x1'5"X4" | 1 | GIS18 | GLOBE |
| 93 | CONVECTION OVEN | NEW | 3'-2"x3'-1" | 1 | SHO-E | BLODGETT |
| | | | *** ELECTRIC PREP EQUIPMENT *** | | | |
| 53A | SLICERS - 2 MANUAL, 1 AUTOMATIC | EXISTING/RELOCATED | ---------- | 3 | ---------- | ---------- |
| 54A | WRAPPING MACHINE | RELOCATED | ---------- | 1 | ---------- | ---------- |
| 55A | BREAD SLICER | RELOCATED | ---------- | 1 | ---------- | ---------- |
| 56 | SCALE w/BUILT IN PRINTER | NEW | 1'-3"x1'-5"x1'-6" | 2 | HTI-7LS | HOBART |
| 56A | SCALE | RELOCATED | ---------- | 2 | ---------- | ---------- |
| 57 | FLY TRAP (SEE NOTE No. 8) | NEW | 2'-3"x1'-0"x0'-4" | 1 | 225GT | GILBERT |
| 57A | FLY TRAP (SEE NOTE No. 8) | EXISTING | ---------- | 1 | ---------- | ---------- |
| 68F | REFRIGERATED BREADING STATION - 48" | FUTURE | 2'-9" x 3'-10" x 4'-0" | 1 | 9148W | UNIFIED BRANDS |
| 118 | CAKE DECORATOR/PRINTER | NEW | 1'-0" X 0'-8" X 0'-6" | 1 | PHOTOCAKE IV | DECO-PAC |
| | | | *** NON-ELECTRIC PREP EQUIPMENT *** | | | |
| 61A | DESK (WALL MOUNTED) | EXISTING | ---------- | 1 | ---------- | ---------- |
| 63A | TRASH CAN | RELOCATED | ------ | 3 | ------ | ------ |
| 64A | OVEN RACK (PLATTER CART) | RELOCATED | ------ | 14 | ------ | ------ |

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 3'-6" ABOVE FINISHED FLOOR.~~
8. ~~MOUNT FLY TRAPS AT 6'-0" ABOVE FINISHED FLOOR IN DELI/BAKERY AND PRODUCE PREP.~~
9. ~~TWO ADDITIONAL 3" DIAMETER DISPLAY TABLES, MODEL No. 1016-1000-1, SHALL BE SUPPLIED IF THE STORE HAS A REFRIGERATED FLORAL DISPLAY.~~
10. THE GENERAL CONTRACTOR SHALL SUPPLY AND INSTALL TWO BROOM HANGERS AND THREE MOP HANGERS IN 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 (3 ROWS OF 5 CLIPBOARD EACH) FOR HANGING FIFTEEN CLIPBOARDS ABOVE THE DESK IN THE DELI IF NOT ALREADY INSTALLED.


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02-14-2020

Interior Alteration For:
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2110 Executive Drive, Salisbury, NC 28145/ PH: 704.633.8250
Store No. 1238
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File Name: 1238 A4.01_00.dwg
Date: 02-14-2020
Revisions:

DELI/BAKERY FIXTURE PLAN

Architectural
A4.01
YCH Commission Number
19032.00


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Concord, NC 28027
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ycharch.com



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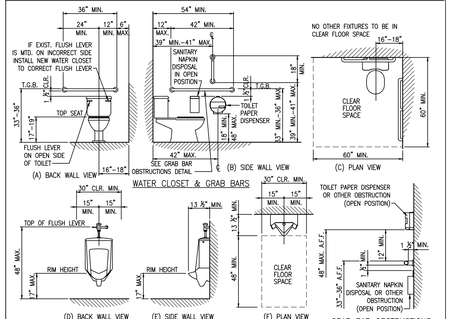
# TYPICAL HANDICAP DETAILS

REFER TO PLANS AND ELEVATIONS FOR SPECIFIC HANDICAP LOCATIONS

ALL NEW/EXISTING/RELOCATED PLUMBING FIXTURES, GRAB BARS AND ACCESSORIES INTENDED FOR HANDICAP ACCESSIBLE USE SHALL BE INSTALLED/REINSTALLED PER CLEARANCES AND MOUNTING HEIGHTS INDICATED IN THESE TYPICAL HANDICAP DETAILS. ANY CLEARANCES OR MOUNTING HEIGHTS NOT SHOWN IN THE TYPICAL HANDICAP DETAILS SHALL BE INSTALLED/REINSTALLED PER THE RESTROOM ELEVATIONS SHOWN ON THIS SHEET.



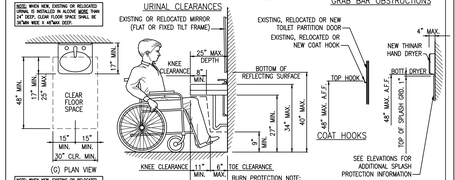

## WATER CLOSET & GRAB BARS




## GRAB BAR OBSTRUCTIONS



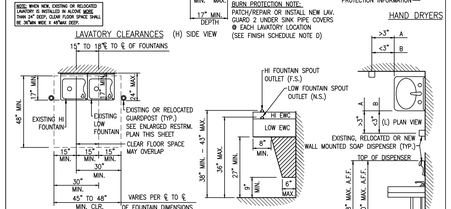

## URINAL CLEARANCES




## COAT HOOKS




## LAVATORY CLEARANCES



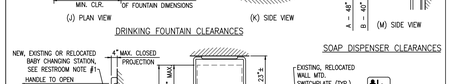




## HAND DRYERS




## DRINKING FOUNTAIN CLEARANCES




## SOAP DISPENSER CLEARANCES




## BABY CHANGING STATION CLEARANCES

NOTE: WHERE NEW, EXISTING OR RELOCATED BABY CHANGING STATION IS INSTALLED IN ALCOVE MORE THAN 24" DEEP, CLEAR FLOOR SPACE SHALL BE 30"MIN WIDE X 48"MAX DEEP.




LIGHT SWITCH

HC RESTROOM SIGN

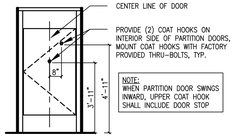
## RESTROOM NOTES

1. THE CHANGING TABLE SHALL BE MOUNTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION MANUAL. ALL BUILDING CODES, REGULATIONS AND ORDINANCES RELATING TO CLEARANCE AND A.D.A. REGULATIONS.
2. CHANGING TABLE MANUFACTURED BY: SAFESTRAP COMPANY, INC. 105 WEST DEWEY AVENUE, BUILDING D SUITE 410, WHARTON, NJ 07885 CONTACT: TOLL FREE 1-800-356-7796 "DIAPER-DEPOT HORIZONTAL DIAPER CHANGING STATION" MODEL #2301, COLOR: POWDER GRAY, ~~MODEL #2300, COLOR: IVORY.~~ PHONE (973) 442-4623
3. HAND DRYER ORDERING INFORMATION ORDER FROM: GEORGE SCOTT ASSOCIATES CONTACT: CURTIS SCOTT (704) 376-4775. ~~ORDER RECESSED KIT FOR MODIFICATION~~
4. MIRRORS BY: BOBRICK WASHROOM EQUIPMENT INC. – SEE SPECIFICATIONS
5. NEW TOILET FIXTURES & SINKS TO BE "WHITE" COLORED
6. EACH TOILET PARTITION DOOR SHALL RECEIVE 2 COAT HOOKS, ONE HOOK SHALL BE MOUNTED @ 47" A.F.F. AND THE OTHER @ 59"AFF
7. EACH TOILET PARTITION DOOR SHALL HAVE A PULL HANDLE MOUNTED ON BOTH SIDES OF THE DOOR @ 42" A.F.F.
8. CAULK FIXTURES IN RESTROOMS.
9. ANY WORK IN RESTROOMS TO BE SCHEDULED TO ALLOW FOR AT LEAST ONE OPEN AT ALL TIMES. COORDINATE WITH FOOD LION CONSTRUCTION SUPERVISOR.
10. REMOVE EXISTING SANITARY NAPKIN DISPENSER FROM WOMEN'S RESTROOM. REINSTALL AFTER NEW TILE WORK OR NEW PARTITIONS ARE INSTALLED.
11. TOILET PAPER DISPENSER TO BE MOUNTED 18" MIN TO 48" A.F.F. MAX AND 42" MAX. OFF BACK WALL TO CENTERLINE OF OUTLET OF DISPENSER.
12. EXISTING FIXTURES AND TOILET ACCESSORIES REMOVED FOR INSTALLATION OF NEW PORCELAIN WALL TILE OR NEW TOILET PARTITIONS ARE TO BE INSTALLED PER ADA COMPLIANCE.
13. GRAB BARS SHALL BE MOUNTED TO SUPPORT A FORCE OF 250 LBS. APPLIED @ ANY POINT IN ANY DIRECTION. PROVIDE AND INSTALL WOOD BLOCKING IN WALL @ NEW WALL OR USE BOBRICK "WING-IT" FASTENERS @ EXISTING TILE
12. PROVIDE LAVATORIES IN RESTROOMS WITH TRAP AND RISER INSULATION KIT.
13. PROVIDE R-11 BATT SOUND INSULATION IN WALLS AND ABOVE CEILING IN RESTROOMS WHEN WALLS ARE NEW. COORDINATE WITH PARTITION TYPES. INSTALL INSULATION ABOVE CEILING IN EXISTING CONDITIONS, IF NOT EXISTING.

## TOILET ACCESSORY LEGEND

| STATUS OF ACCESSORIES | TOILET ACCESSORY | |
|---|---|---|
| NEW/RELOCATED | A | EXCEL – THIN AIR ELECTRIC HAND DRYER – SURFACE MOUNTED |
| NEW | B | BABY CHANGING TABLE, SEE NOTE #2 |
| RELOCATED | C | 36" GRAB BAR |
| NEW | D | 48" GRAB BAR |
| NEW | E | 18"x30" MIRROR |
| | F | NOT USED |
| NEW | G | SOAP DISPENSER (BY VENDOR) |
| RELOCATED | H | TOILET PAPER DISPENSER – SCA MODEL # 66T, MOUNT BOTTOM AT +21" A.F.F. |
| RELOCATED | J | SANITARY NAPKIN/TAMPON DISPOSAL – SCA BOBRICK B-254, MOUNT TOP AT +28" A.F.F. |
| EXISTING | K | FLOOR DRAIN |
| NEW | L | TOILET PARTITIONS, SEE NOTE #6 & #7 |
| NEW | M | SCHLUTER QUADEC S.S. 1/4" SQUARE EDGE PROTECTION PROFILE |
| NEW | N | 18" VERTICAL GRAB BAR |
| | P | PATCH WALLS AS REQUIRED WHERE DISTURBED BY DEMOLITION. |
| NEW | Q | EXCEL – STAINLESS WALL GUARD 16" X 32" |

A* * ASTERISK INDICATES EXISTING TOILET ACCESSORY TO BE RELOCATED. CONTRACTOR SHALL COORDINATE WITH FOOD LION CONSTRUCTION SUPERVISOR FOR REMOVAL AND REUSE OF EXISTING TOILET ACCESSORIES.




12 A4.03 COAT HOOK MOUNTING DETAIL
SCALE: 1/4" = 1'-0"

NOTE:
REMOVE ALL FIXTURES AND ACCESSORIES FOR NEW FLOOR TILE & WALL TILE WORK. GC TO STORE FOR REUSE, COORDINATE REUSE OF ITEMS WITH FOOD LION CONSTRUCTION MANAGER.

NOTE:
SEE PLAN DETAIL 2 &3 /A4.03 & ELEVATIONS FOR LOCATION OF RELOCATED ITEMS. COORDINATE W/ PLBG. & ELEC. DRWGS.

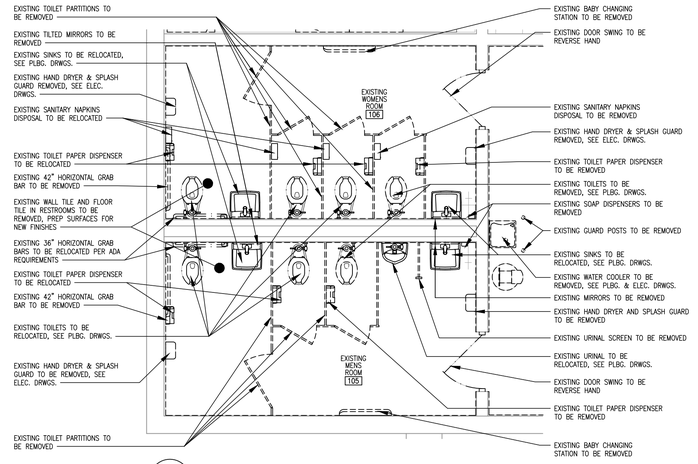
NOTE:
ALL FIXTURES AND ACCESSORIES NOT NOTED FOR REMOVAL/ RELOCATION SHALL BE REINSTALLED PER EXISTING LOCATION OR ADA REQUIREMENTS

NOTE:
ALL DIMENSIONS ARE FROM FINISH FACE OF TILE

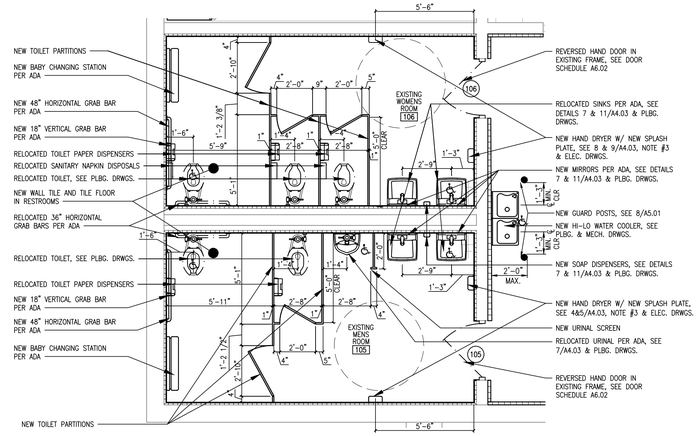
NOTE:
SLOPE NEW FLOOR TILE TO EXISTING FLOOR DRAINS A MIN. 1/16" PER FOOT

NOTE:
ALL NEW / RELOCATED / REINSTALLED FIXTURES & ACCESSORIES TO BE MOUNTED TO MEET ADA STANDARDS

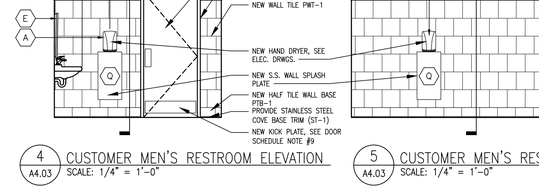
NOTE:
ALIGN WALL TILE JOINTS WITH FLOOR TILE JOINTS



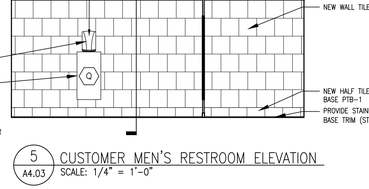

1 A4.03 REMODELED CUSTOMER RESTROOM DEMO PLAN
SCALE: 1/4" = 1'-0"



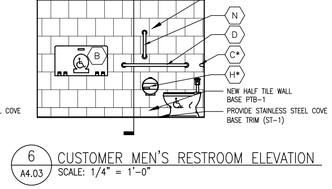

2 A4.03 REMODELED CUSTOMER RESTROOM DETAIL PLAN
SCALE: 1/4" = 1'-0"




4 A4.03 CUSTOMER MEN'S RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"

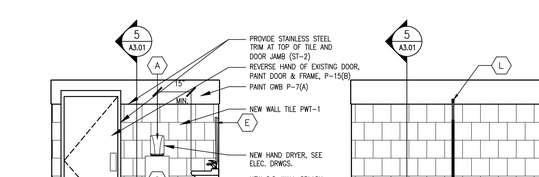



5 A4.03 CUSTOMER MEN'S RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"

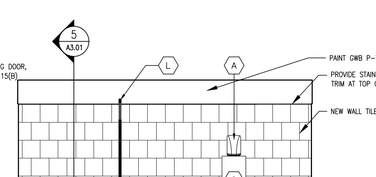



6 A4.03 CUSTOMER MEN'S RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"

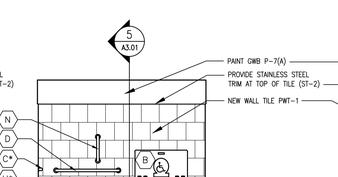
7 A4.03 CUSTOMER MEN'S RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"



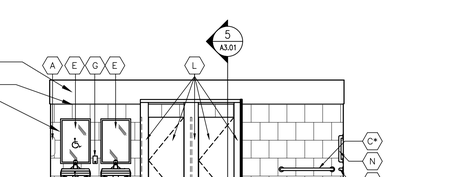

8 A4.03 CUSTOMER WOMEN'S RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"



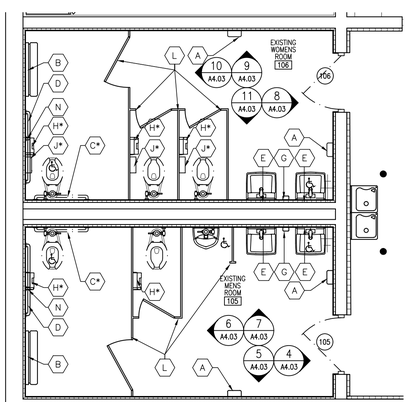

9 A4.03 CUSTOMER WOMEN'S RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"




10 A4.03 CUSTOMER WOMEN'S RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"




11 A4.03 CUSTOMER WOMEN'S RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"




3 A4.03 REMODELED CUSTOMER RESTROOM ACCESSORIES PLAN
SCALE: 1/4" = 1'-0"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11800 Old National Pike
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Store No. 1238


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Date: 02-14-2020
Revisions:

ENLARGED RESTROOM PLAN & DETAILS

Architectural
A4.03
YCH Commission Number
19032.00


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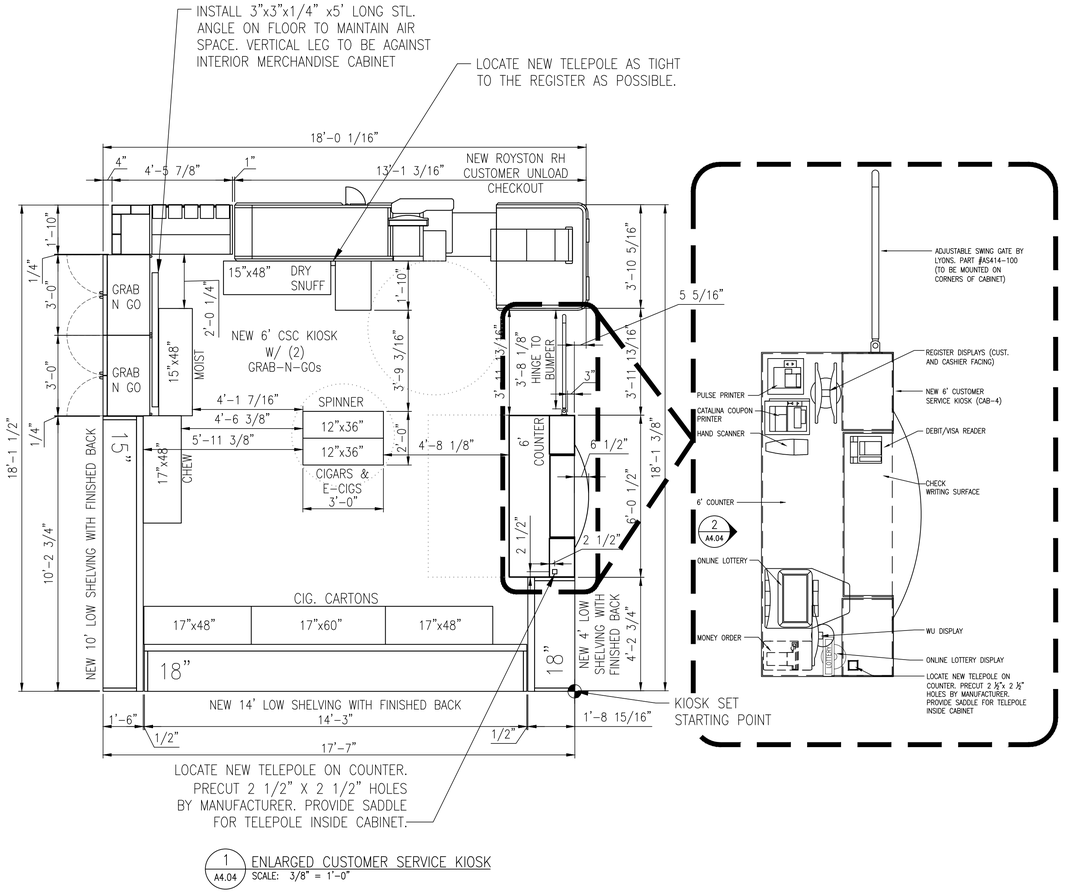
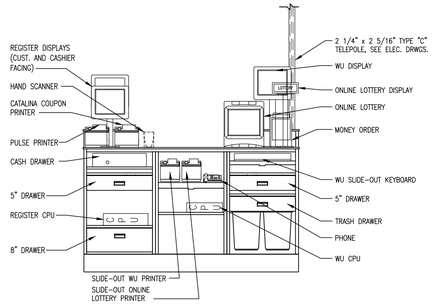



1 A4.04 ENLARGED CUSTOMER SERVICE KIOSK
SCALE: 3/8" = 1'-0"




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

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Project No.:
1238FLMK20

File Name:
1238 A4.04_00.dwg

**Date: 02-14-2020**

Revisions:

ENLARGED FRONT END AND VESTIBULE PLAN

Architectural
**A4.04**
YCH Commission Number
**19032.00**

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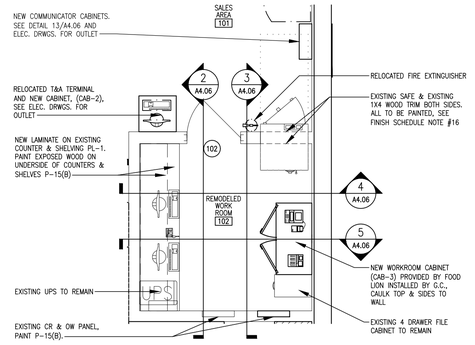
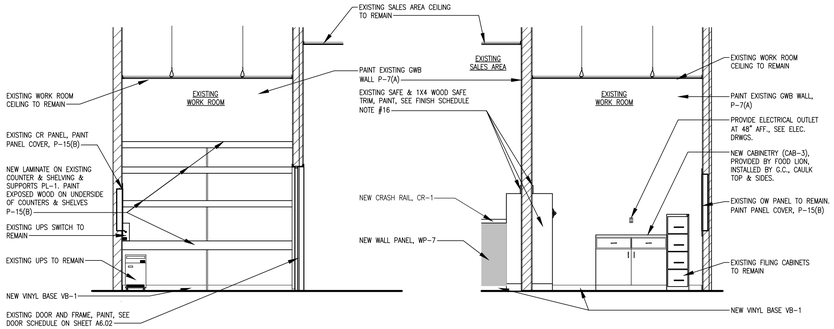
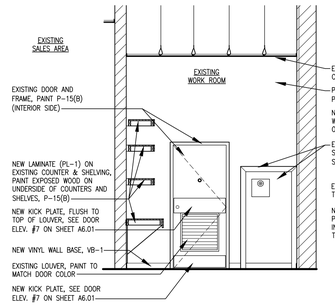



1 A4.06 EXISTING WORK ROOM DETAIL PLAN
SCALE: 1/4" = 1'-0"

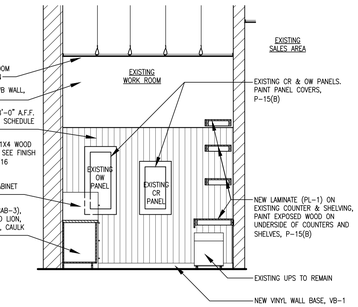



2 A4.06 WORK ROOM ELEVATION
SCALE: 1/4" = 1'-0"

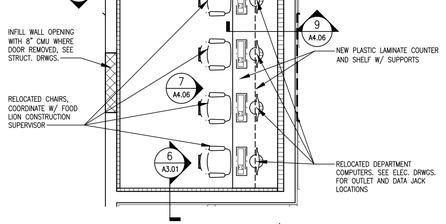
3 A4.06 WORK ROOM ELEVATION
SCALE: 1/4" = 1'-0"



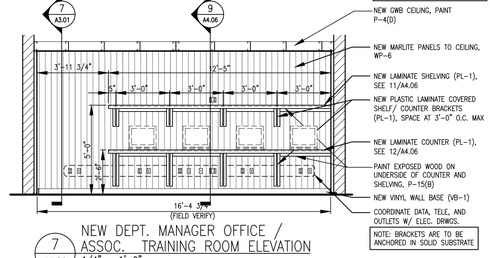

4 A4.06 WORK ROOM ELEVATION
SCALE: 1/4" = 1'-0"



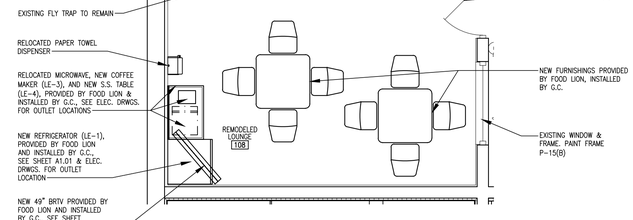

5 A4.06 WORK ROOM REAR ELEVATION
SCALE: 1/4" = 1'-0"



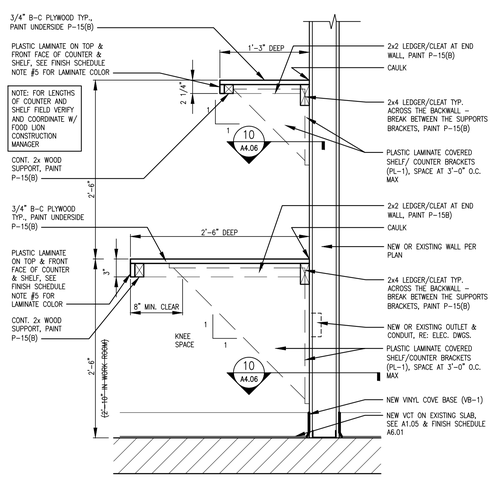

6 A4.06 NEW DEPT. MANAGER OFFICE / ASSOC. TRAINING ROOM DETAIL PLAN
1/4" = 1'-0"



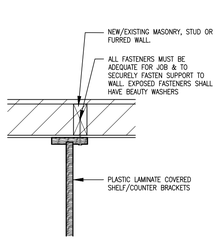

7 A4.06 NEW DEPT. MANAGER OFFICE / ASSOC. TRAINING ROOM ELEVATION
1/4" = 1'-0"



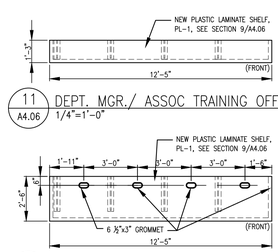

8 A4.06 EXISTING LOUNGE DETAIL PLAN
1/4" = 1'-0"




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

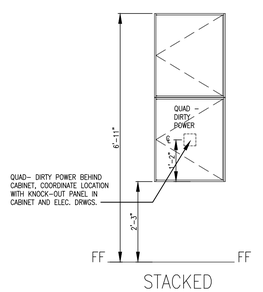



10 A4.06 SECTION
1 1-/2" = 1'-0"




11 A4.06 DEPT. MGR./ ASSOC TRAINING OFFICE SHELF
1/4"=1'-0"

12 A4.06 DEPT. MGR./ ASSOC TRAINING OFFICE COUNTER
1/4"=1'-0"




13 A4.06 COMMUNICATION CABINET INSTALLATION DETAIL
1/2" = 1'-0"

## GENERAL NOTES

1. ALL EXISTING MARLITE ON SALES FLOOR IS TO BE REMOVED & REPLACED WITH NEW PER FINISH SCHEDULE A6.01. ~~EXISTING MARLITE IN NON-CUSTOMER FACING OFFICES TO REMAIN.~~
2. WOOD TRIM AT TOP OF MARLITE IS TO BE REMOVED.
3. ALL WOOD TRIM AROUND OPENINGS OR DOORS IS TO BE REMOVED, UNLESS NOTED OTHERWISE.
4. ALL SHELVING & COUNTER DIMENSIONS ARE TO BE FIELD VERIFIED.
5. ~~THE GENERAL CONTRACTOR SHALL SUPPLY & INSTALL A 2X4 X 5'-0"LONG WOOD COAT RACK WITH TEN (10) COAT HOOKS. PAINT WOOD P-15(D), SEE FINISH SCHEDULE ON SHEET A6.01. MOUNT AT 5'-0" ABOVE FINISHED FLOOR. COORDINATE WITH FOOD LION CONSTRUCTION MANAGER.~~

| 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)~~ | EXSITING |
| CAB-2 | T&A CABINET-LYONS-MODEL R435 | NEW |
| CAB-3 | WORK ROOM CABINET-ROYSTON-MODEL 60082334-153 | NEW |
| CAB-4 | CUSTOMER SERVICE KIOSK 6'-LYONS-MODEL S730 | 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 #33E892 | NEW |
| LE-2 | MICROWAVE (MIDEA COMMERCIAL PRODUCTS #1025F0A) | RELOCATED |
| LE-3 | COFFEE MAKER-TOUCH ESSENTIALS-MODEL #T214B | NEW |
| LE-4 | S.S. TABLE-JOHN BOOS & CO.-MODEL #ST6R5-2436SSW | NEW |

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I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number 10841, expiration date 08-30-2020."

Interior Alteration For:
FOOD LION
2110 Executive Drive, Salisbury, NC 28145/ Ph: 704.633.8250
Store No. 1238
11800 Old National Pike
New Market, MD 21774

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**Date: 02-14-2020**

Revisions:

ENLARGED OFFICE AND LOUNGE PLANS AND ELEVATIONS

Architectural
**A4.06**
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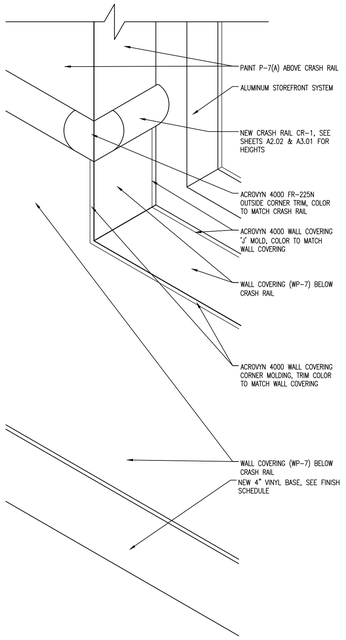
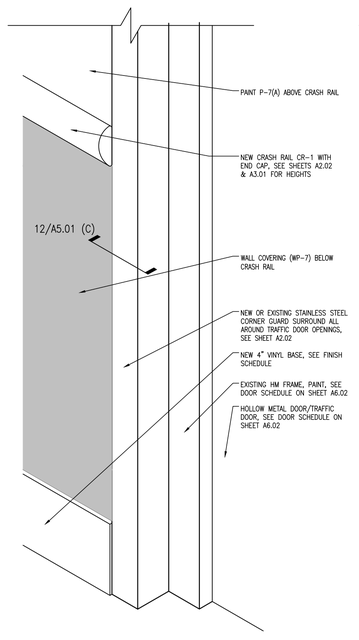
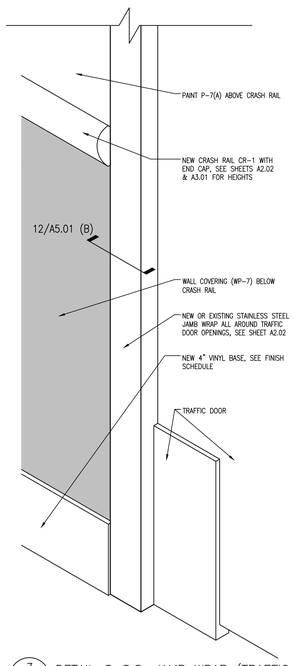


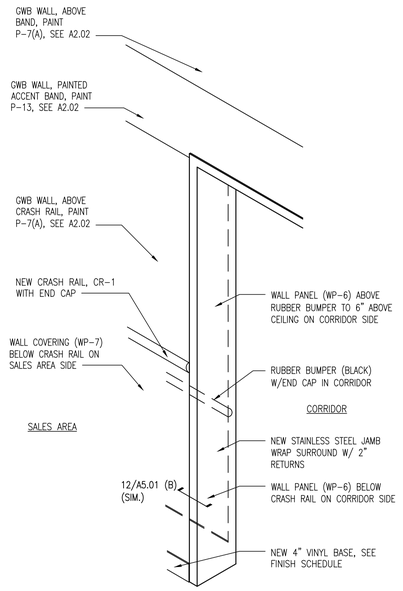

1 A5.01 DETAIL @ ALUMINUM STOREFRONT OUTSIDE CORNER TRANSITION
3" = 1'-0"



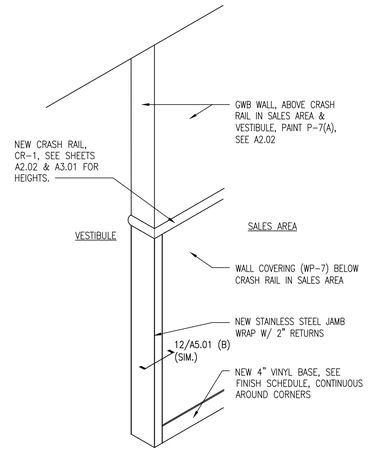

2 A5.01 DETAIL @ S.S. CORNER GUARD SURROUND
3" = 1'-0"



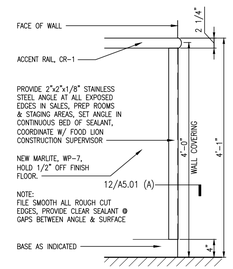

3 A5.01 DETAIL @ S.S. JAMB WRAP (TRAFFIC DOOR)
3" = 1'-0"



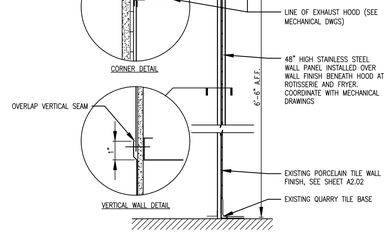

4 A5.01 DETAIL @ CORRIDOR JAMB WRAP
3/4" = 1'-0"



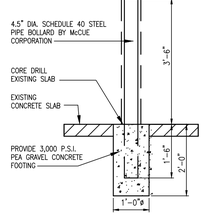

5 A5.01 DETAIL @ VESTIBULE WALL
3/4" = 1'-0"



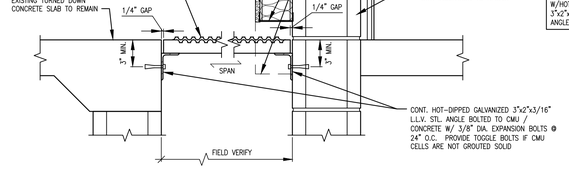

6 A5.01 CORNER GUARD
3/4" = 1'-0"



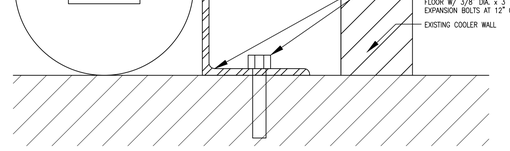

7 A5.01 STAINLESS STEEL WALL PANEL
1/2" = 1'-0"



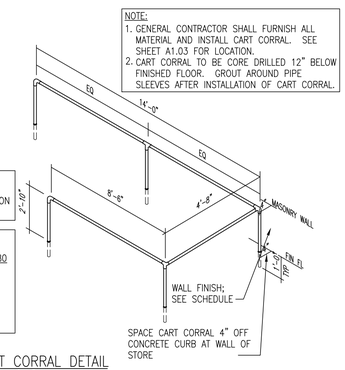

8 A5.01 INTERIOR GUARDPOST DETAIL
1/2"=1'-0"




9 A5.01 TRENCH COVER DETAIL
1 1/2" = 1'-0"




10 A3.01 DETAIL @ NEW DAIRY COOLER FLOOR BUMPER
6"=1'-0"

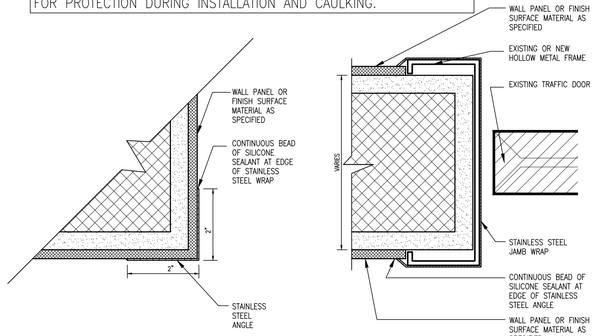



11 A5.01 CART CORRAL DETAIL
1/4" = 1'-0"

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.




12 A5.01 DETAIL @ STAINLESS STEEL WRAP/ CORNER GUARD
3" = 1'-0"

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STATE OF MARYLAND · DENNIS P. YATES · 10841 · ARCHITECT
02-14-2020

Interior Alteration For:
FOOD LION
2110 Executive Drive, Salisbury, NC 28145/ Ph: 704.633.8250
Store No. 1238
11800 Old National Pike
New Market, MD 21774

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Revisions:

MISCELLANEOUS DETAILS

Architectural
A5.01
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("*" 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 | EXISTING BRICK, CLEAN UNPAINTED BRICK, SOFFIT PAINT P-7 (A) TO CEILING, NEW WP-7 w/P-7(A) ABOVE UP TO BRICK | --- | EXISTING GWB, PAINT P-4(D) | 11'-10 1/2" | DO NOT PAINT UN-PAINTED BRICK |
| 101 | SALES AREA | NEW VCT-1 | NEW VB-1 | NEW WP-7 w/P-7(A) ABOVE UP TO CEILING AT FRONT WALL; NEW WP-7 w/P-13(A) STRIPE & P-7(A) ABOVE UP TO CEILING AT ALL OTHER SALES WALLS | --- | EXISTING ACT, ADD NEW ACT TO MATCH EXISTING AS NEEDED | 13'-11" | FINISH SCHEDULE NOTES #3, 8, 15, 16, 17, 19 & 22. |
| 102 | WORKROOM | NEW VCT-1 | NEW VB-1 | NEW WP-6 UP TO 8' AFF ONLY ON WALL w/ELECTRICAL PANEL, PAINT GWB P-7(A) | PANEL COVERS & INT. SAFE, P-15(B) | REPAIR/REPLACE ANY DAMAGED EXISTING ACT | 12'-0" | FINISH SCHEDULE NOTES #1, 3, 5, 7 & 16, PAINT VISIBLE WOOD UNDER SHELVES AND COUNTERS P-15(B) |
| 104 | CORRIDOR | NEW VCT-1 | NEW VB-1 | NEW WP-6 TO 6" ABOVE CEILING | --- | NEW/EXISTING ACT-1 | 8'-10" | FINISH SCHEDULE NOTES #1, 3 & 7. ADD NEW STAINLESS STEEL TRIM AS NECESSARY AT EXPOSED CORNERS |
| 105 | MEN'S RESTROOM | NEW PT-1 | NEW PTB-1 | NEW PWT-1 w/P-7(A) ABOVE TO CEILING, SEE SHEET A4.03 | --- | EXISTING GWB, PAINT P-4(A) | 8'-0" | FINISH SCHEDULE NOTES #6, 7 & 21 |
| 106 | WOMEN'S RESTROOM | NEW PT-1 | NEW PTB-1 | NEW PWT-1 w/P-7(A) ABOVE TO CEILING, SEE SHEET A4.03 | --- | EXISTING GWB, PAINT P-4(A) | 8'-0" | FINISH SCHEDULE NOTES #6, 7 & 21 |
| 107 | GROCERY STAGING/ RECEIVING ROOM | EXISTING CONCRETE | ---- | EXISTING CMU/ EXISTING PRE-FAB PANEL/ EXISTING PAINTED PLYWOOD TO REMAIN | --- | EXPOSED STRUCTURE | EXISTING | FINISH SCHEDULE NOTES #2 & 4 |
| 108 | LOUNGE | EXISTING VCT | EXISTING VB | EXISTING WP TO REMAIN | COAT RACK, PAINT P-15(B) | EXISTING ACT, ADD NEW ACT TO MATCH EXISTING AS NEEDED | 8'-0" | FINISH SCHEDULE NOTES #1, 3 & 7 |
| 110 | MECHANICAL ROOM | EXISTING CONCRETE | --- | EXISTING CMU/ GWB | --- | EXPOSED STRUCTURE | EXISTING | |
| 111 | JANITOR'S CLOSET | EXISTING CONCRETE | --- | EXISTING CMU, PAINT P-4(C) | --- | EXISTING PLYWD, PAINT P-4(B) | 8'-0" | CLEAN EXISTING CAN WASH. |
| 112 | MEAT PREP | REPAIR/REPLACE ANY DAMAGED EXISTING QT | EXISTING QTB | EXISTING FRP / NEW FRP TO MATCH EXISTING | --- | EXISTING ACT | 10'-0" | |
| 112A | MEAT COOLER | REPAIR/REPLACE ANY DAMAGED EXISTING QT | EXISTING QTB | EXISTING PRE-FAB PANEL | --- | EXISTING PRE-FAB PANEL | EXISTING | |
| 112B | MEAT FREEZER | EXIST PRE-FAB PNL | --- | EXISTING PRE-FAB PANEL | --- | EXISTING PRE-FAB PANEL | EXISTING | |
| 113 | MEAT OFFICE | REPAIR/REPLACE ANY DAMAGED EXISTING QT | EXISTING QTB | EXISTING PRE-FAB PANEL/ EXISTING CMU PAINT P-4(C) | --- | EXISTING PLYWD PAINT P-4(B) | 8'-0" | |
| 114 | DEPT MANAGER'S OFFICE/ ASSOCIATE TRAINING ROOM | NEW VCT-1 | NEW VB-1 | NEW WP-6 UP TO CEILING | --- | NEW GWB, PAINT P-4(B) | 8'-0" | FINISH SCHEDULE NOTES #5 & 7, PAINT VISIBLE WOOD UNDER SHELVES AND COUNTERS P-15(B). |
| 115 | PRODUCE PREP | NEW CONCRETE SEALER | EXISTING WOOD/ NONE | REPAIR/REPLACE ANY DAMAGED EXISTING FRP. EXISTING PREFAB PANEL, EXISTING CMU PAINT P-4(C) | --- | REPAIR/REPLACE ANY DAMAGED EXISTING ACT | 9'-10" | PAINT WOOD BASE P-4(B) |
| 115A | PRODUCE COOLER | NEW CONCRETE SEALER | --- | EXISTING PRE-FAB PANEL | --- | EXISTING PRE-FAB PANEL | EXISTING | |
| 116 | DELI/ BAKERY PREP | REPAIR/REPLACE ANY DAMAGED EXISTING QT | EXISTING QTB | EXISTING CWT FIELD / NEW CWT-9 ACCENT BAND, SEE SHEET A2.02 | PANEL COVERS PAINT P-2(B) | REPAIR/REPLACE ANY DAMAGED EXISTING ACT | 8'-6" | FINISH SCHEDULE NOTES #6 & 21 |
| 116A | DELI/ BAKERY COOLER | REPAIR/REPLACE ANY DAMAGED EXISTING QT | EXISTING QTB | EXISTING PRE-FAB PANEL | --- | EXISTING PRE-FAB PANEL | EXISTING | EXPOSED FACE OF COOLER PANELS AND DOOR TO BE ELECTROSTATICALLY PAINTED P-2(E) BY CASE PAINTER |
| 116B | DELI/ BAKERY FREEZER | EXISTING MTP | --- | EXISTING PRE-FAB PANEL | --- | EXISTING PRE-FAB PANEL | EXISTING | EXPOSED FACE OF FREEZER PANELS AND DOOR TO BE ELECTROSTATICALLY PAINTED P-2(E) BY CASE PAINTER |
| 117 | DELI/ BAKERY CLOSET | REPAIR/REPLACE ANY DAMAGED EXISTING QT | EXISTING QTB | EXISTING FRP | --- | EXISTING PLYWD, PAINT P-4(B) | 8'-0" | |
| 119 | RISER ROOM | EXISTING CONCRETE | --- | EXISTING CMU | --- | EXISTING GWB | 10'-10" | |
| 120A | DAIRY COOLER | EXISTING CONCRETE | --- | EXISTING PRE-FAB PANEL | --- | EXISTING PRE-FAB PANEL | EXISTING | SALES SIDE OF COOLER TO BE ELECTROSTATICALLY PAINTED P-14(E) BY CASE PAINTER |
| 121B | STORAGE FREEZER | EXISTING MTP | --- | EXISTING PRE-FAB PANEL | --- | EXISTING PRE-FAB PANEL | EXISTING | |
| 122B | ICE CREAM FREEZER | EXISTING MTP | --- | EXISTING PRE-FAB PANEL | --- | EXISTING PRE-FAB PANEL | EXISTING | |
| 126 | DIRECTOR OF OPERATIONS OFFICE | NEW CPT-2, SEE SHEET A1.05 | NEW VB-1 | NEW WP-6 TO 42" AFF. PAINT GWB WALL ABOVE P-7(A), PAINT NEW CHAIR RAIL P-15(B) | --- | REPAIR/REPLACE ANY DAMAGED EXISTING ACT | 7'-10" | FINISH SCHEDULE NOTES #1, 3 & 7 |
| 130 | AIRLOCK #1 | NEW CPT-1 | ---- | EXISTING BRICK, CLEAN UNPAINTED BRICK | --- | EXISTING GWB, PAINT P-4(D) | 12'-0" | DO NOT PAINT UN-PAINTED BRICK |
| 131 | AIRLOCK #2 | NEW CPT-1 | ---- | EXISTING BRICK, CLEAN UNPAINTED BRICK | --- | EXISTING GWB, PAINT P-4(D) | 11'-10" | DO NOT PAINT UN-PAINTED BRICK |

## GENERAL NOTES:

1. ALL CONSTRUCTION TO BE TYPE IIB OR BETTER
2. REFER TO SHEET A1.04 FOR ADDITIONAL CEILING INFORMATION.
3. REFER TO SHEET A2.02 FOR SALES FINISH & A4.03 FOR RESTROOM FINISH LOCATIONS
4. REFER TO G1.01 FOR NATIONAL ACCOUNT INFORMATION
5. REPLACE ANY BROKEN/ DAMAGED MATERIALS (ACT, FLOOR/WALL TILE, ETC.) TO MATCH EXISTING UNLESS NEW SPECIFICATION IS LISTED.
6. DO NOT PAINT POLISHED ALUMINUM TRIM.
7. REFER TO A1.05 FOR FLOOR FINISHES.

## 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 REPLACEMENT MARLITE BRAND PANELS PER MANUFACTURER'S SPECIFICATIONS. USE ONLY ACCEPTABLE MARLITE ACCESSORIES.
   - EXISTING MARLITE PANELING ~~(WP-2)~~ TO REMAIN AND REPAIR AS NEEDED WITH MATCHING PANELS.
   - ~~EXISTING MARLITE PANELING TO BE REPAIRED AS NEEDED, THEN PAINTED P-2(C). REFER TO SPECIFICATIONS ON PROPER PRIMER, REPAIR & COATING INSTRUCTIONS.~~
   - SEE FINISH MATERIAL/COLOR LEGEND FOR NEW MARLITE BRAND PANELS (WP-6)
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 TAPED, MUDDED AND SANDED (PAINT READY).
4. GENERAL CONTRACTOR SHALL PAINT FIRE LANES IN REAR AREAS, IF REQUIRED.
5. NEW MILLWORK LAMINATE TO BE WILSONART #4842-60 "CANYON ZEPHYR" MATTE FINISH, REFER TO A4.06, PAINT SUPPORTS P-15(B). ~~NEW LAMINATE IN NON-CUSTOMER FACING OFFICES TO BE FORMICA #889-58 "DESERT BEIGE" MATTE FINISH, REFER TO A4.06, PAINT SUPPORTS P-15(B).~~
6. REFER TO A4.03 & A2.02 FOR RESTROOM TILE & DELI-BAKERY TILE.
7. DOORS AND FRAMES TO BE PAINTED- P-15(B), UNLESS OTHERWISE NOTED. (EXCEPT ALUM. STOREFRONT DOORS & WINDOWS)
8. ALL WOOD TRIM ADJACENT TO OR CASINGS AROUND DOORS, WINDOWS, TOP OF MARLITE, OPENINGS TO BE REMOVED.
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 McGAMEY AT 804- 937-5000).~~
11. ~~PROVIDE 1/2" GYP. BD. OVERLAY ON EXISTING CEILING FINISH. TAPE, MUD, SAND AND PREP FOR NEW PAINT AS INDICATED. TEMPORARILY UN-INSTALL EXISTING LIGHT FIXTURE AS REQUIRED TO INSTALL OVERLAY.~~
12. ~~PRE-FAB COOLER/FREEZER PANELS AND DOORS TO BE PAINTED P-2(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 AND SAFE TRIM TO BE PAINTED P-2(B) ON SALES AREA SIDE AND P-15(B) ON WORK ROOM SIDE. (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. ~~REMOVE 2X6 WOOD BASE. APPLY RESINOUS FLOORING DIRECTLY TO CMU, FRP, AND COOLER WALLS RESINOUS COVE BASE TO MATCH HEIGHT OF REMOVED WOOD BASE.~~
19. SALES AREA COLUMNS TO BE SANDED, PRIMED & PAINTED P-7(B) EPOXY. DO NOT PAINT STAINLESS STEEL WRAPS.
20. CONFERENCE ROOM CARPET TO VCT TRANSITION STRIP TO BE ARMSTRONG VT 060 (BLACK).
21. ALL NEW CERAMIC & PORCELAIN TILE WALLS TO RECEIVE SCHLUTER (ST-2) EDGE PROTECTION AT ALL OUTSIDE CORNERS.
22. ACROVYN WALL COVERING BY IMPACT SPECIALTIES: USE TRADITIONAL PROFILE PIECES WITH A FACTORY FINISH TO MATCH ACROVYN. INSTALL PER MANUFACTURES SPECIFICATIONS. USE ONLY ACCEPTABLE ACROVYN ACCESSORIES
   - SEE FINISH COLOR LEGEND FOR NEW ACROVYN BRAND WALL COVERING (WP-7)

## FINISH MATERIAL/COLOR LEGEND:

### FLOORS: (SEE SHEETS A1.05 & A4.04 FOR SPECIFIC MATERIALS)

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.~~

CARPET
CPT-1 CARPET- PORTICO DIPLOMAT "MINK"
CPT-2 CARPET- MOHAWK RESTORE TMERGE #358"
~~CPT-3 CARPET- OAK CHARCOAL #4307~~

CONCRETE
CS CONCRETE SEALER

QUARRY TILE
QT QUARRY TILE

PORCELAIN TILE
PT-1 DAL TILE - REMINISCENT SERIES "RECLAIMED GREY" #RM23 UNPOLISHED 12"x12", FLOOR TILE. SEE (G9) FOR GROUT DETAILS
~~PT-2 ACCENT BROWN VL78 12"X12" SEE (G6) FOR GROUT DETAILS~~

CERAMIC TILE
~~CT-1 DAL TILE - HEATHLAND SERIES, "AMBER HL03" 12"x12" GLAZED CERAMIC FLOOR TILE (SEE G10 FOR GROUT DETAILS)~~

VINYL TILE
VCT-1 VINYL COMPOSITION TILE ARMSTRONG RAFIA-COCOA 55805 12"x24"
~~VCT-2 VINYL COMPOSITION TILE- EXCELON IMPERIAL TEXTURE "EARTHSTONE GREIGE" 12"x12"~~
~~VCT-3 VINYL COMPOSITION TILE- EXCELON IMPERIAL TEXTURE "ANTIQUE WHITE" 12"x12"~~

OTHER
WM WALK-OFF MAT-PORTICO SYSTEMS 'DIPLOMAT'
MTP METAL TREAD PLATE

### BASE:

RESINOUS
~~R-1 RESINOUS TOPPING, FL105, TURNED UP WALL SEE SHEET A3.02.~~
~~R-2 RESINOUS TOPPING, FL106, TURNED UP WALL SEE SHEET A3.02.~~

PORCELAIN
PTB-1 DALTILE - REMINISCENT SERIES, "MEMENTO WHITE" #RM20 6"X12" (SEE G8 FOR GROUT DETAILS). 12"x12" TILE CUT IN FIELD TO CREATE 6"x12" TILE TO BE USED WITH SCHLUTER DILEX-EHK STAINLESS COVE BASE.
~~PTB-2 PORCELAIN/CERAMIC TILE "ACCENT BROWN" VL78 6"HX12"L, SEE (G-6) FOR GROUT DETAILS~~

CERAMIC
~~CTB-1 DALTILE - AFFINITY SERIES, "BEIGE AF02" P-43C9 3"x12" (SEE C7 FOR GROUT DETAILS).~~

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

OTHER
MQBR McCUE BOX RAIL
MTPB METAL TREAD PLATE BASE
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~~

OTHER
FRP FIBER REINFORCED PANEL (TO MATCH EXISTING)
GWB GYPSUM WALLBOARD
PLYWD PLYWOOD

### TRIM:

STAINLESS
ST-1 SCHLUTER-DILEX-EHK EBHKU11 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 A2.02 & A4.03)

CERAMIC WALL TILE
~~CWT-1 DAL TILE "DESERT GRAY" X114661P1, 6"x6" SEE (G2) FOR GROUT DETAILS~~
~~CWT-2 DAL TILE "ARCTIC WHITE" 0190 6"x6" SEE (G3) FOR GROUT DETAILS~~
~~CWT-3 DAL TILE AFFINITY SERIES "BEIGE AF02" 10x14" SEE (G7) FOR GROUT DETAILS~~
~~CWT-4 DAL TILE DRIXTON SERIES "MUSHROOM" BX003 9"x12" SEE (G2) MATCH EXISTING GROUT~~
~~CWT-5 DAL TILE "URBAN PUTTY" 0161 SEMI GLOSS 4"x12" SEE C7 FOR GROUT DETAILS~~
~~CWT-6 DAL TILE "URBAN PUTTY" 0161 MATTE 4"x12" SEE C7 FOR GROUT DETAILS~~
~~CWT-7 DAL TILE- "ARCHITECTURAL GRAY" 0109 SEMI-GLOSS 6"x6" SEE C7 FOR GROUT DETAILS~~
~~CWT-8 DAL TILE- "ARTISAN BROWN" 0144 SEMI-GLOSS 1"x6" SEE C7 FOR GROUT DETAILS~~
CWT-9 DAL TILE-"DESERT GRAY" X114441P2, 4 1/4"x4 1/4" SEE (G2) FOR GROUT DETAILS
~~CWT-10 DAL TILE-"CHATEAU CREME" AD01 10"X14", DAL TILE SEE (G-2) FOR GROUT DETAILS~~
~~CWT-11 DAL TILE -"WEST TOWER" AD02 2"X4", DAL TILE, SEE (G-3) FOR GROUT DETAILS~~

PORCELAIN WALL TILE
PWT-1 DAL TILE-REMINISCENT SERIES "MOMENTO WHITE" #RM20 UNPOLISHED 12"x12" WALL TILE, SEE (G8) FOR GROUT DETAILS
~~PWT-2 DAL TILE-SALERNO SERIES "MARRONE CHIARO" #SL83 6"x6" WALL TILE, SEE (G7) FOR GROUT DETAILS~~

WALL PANELS/COVERINGS
~~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-D62 MARLITE PANEL~~
WP-6 MORNING HAZE #5446-52 MARLITE PANEL
WP-7 PEARL GRAY ACROVYN 4000 WALL COVERING
~~WP-8 NOT USED~~
~~WP-9 WHITE P-100 MARLITE FRP~~
~~WP-10 ALMOND P-118 MARLITE FRP~~

OTHER
FRP FIBER REINFORCED PANEL
GWB GYPSUM WALLBOARD

### PAINT: (REFER TO A2.01, A2.02, A4.03, A4.06 & A4.07)

~~P-1 PAINT "SOFTEN TAN" SW6141~~
P-2 PAINT "ELLIE GRAY" SW7650
~~P-3 PAINT "MACADAMIA" SW6142~~
P-4 PAINT "PURE WHITE" SW7005
~~P-5 PAINT "ORGANIC GREEN" SW6732~~
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 "ENDURING BRONZE" SW7055~~
P-12 PAINT "TRAFFIC YELLOW"
P-13 PAINT "MEDITATIVE" SW6227
P-14 PAINT "INKWELL" SW6992
P-15 PAINT "MEGA GREIGE" SW7031
~~P-16 PAINT "ANEW GRAY" SW7030~~
~~P-17 PAINT "ROMAN COLUMN" SW7562~~
~~P-18 PAINT "SMOKEY BEIGE" SW9087~~
~~P-19 PAINT "INCREDIBLE WHITE" SW7028~~

### SOLID SURFACE:

~~SS-1 CORIAN - "ARROWROOT"~~

### PLASTIC LAMINATE:

PL-1 WILSONART "CANYON ZEPHYR" #4842-60 (MATTE FINISH)
~~PL-2 FORMICA "DESERT BEIGE" #889-58 (MATTE FINISH)~~

## INTERIOR GROUT FINISH LEGEND:

~~(G-1) TO USE GROUT: CUSTOM BUILDING PRODUCTS "TRUFFLE" #540~~
(G-2) TO USE GROUT: CUSTOM BUILDING PRODUCTS "OYSTER GRAY" #386
~~(G-3) TO USE GROUT: CUSTOM BUILDING PRODUCTS "NEW TAUPE" #185~~
~~(G-4) TO USE GROUT: CUSTOM BUILDING PRODUCTS "BONE" #382~~
~~(G-5) TO USE GROUT: CUSTOM BUILDING PRODUCTS "OYSTER" #381~~
~~(G-6) TO USE GROUT: CUSTOM BUILDING PRODUCTS "NATURAL" #09~~
~~(G-7) TO USE GROUT: CUSTOM BUILDING PRODUCTS "LINEN" #122~~
(G-8) TO USE GROUT: CUSTOM BUILDING PRODUCTS "CAPE GRAY" #546
(G-9) TO USE GROUT. CUSTOM BUILDING PRODUCTS "WINTER GRAY" #355
~~(G10) TO USE GROUT: CUSTOM BUILDING PRODUCTS "SAHARA TAN" #22~~

NOTE:
(J-1) USE A 1/16" JOINT FOR CERAMIC TILE.
(J-2) USE A 3/16" JOINT FOR PORCELAIN TILE

FLOOR & BASE GROUT TYPE TO BE CEG-IG 100% SOLIDS INDUSTRIAL GRADE EPOXY BY CUSTOM BUILDING PRODUCTS

## INTERIOR WALL FINISH PAINTING LEGEND:

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


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02-14-2020

Interior Alteration For:
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ROOM FINISH SCHEDULE

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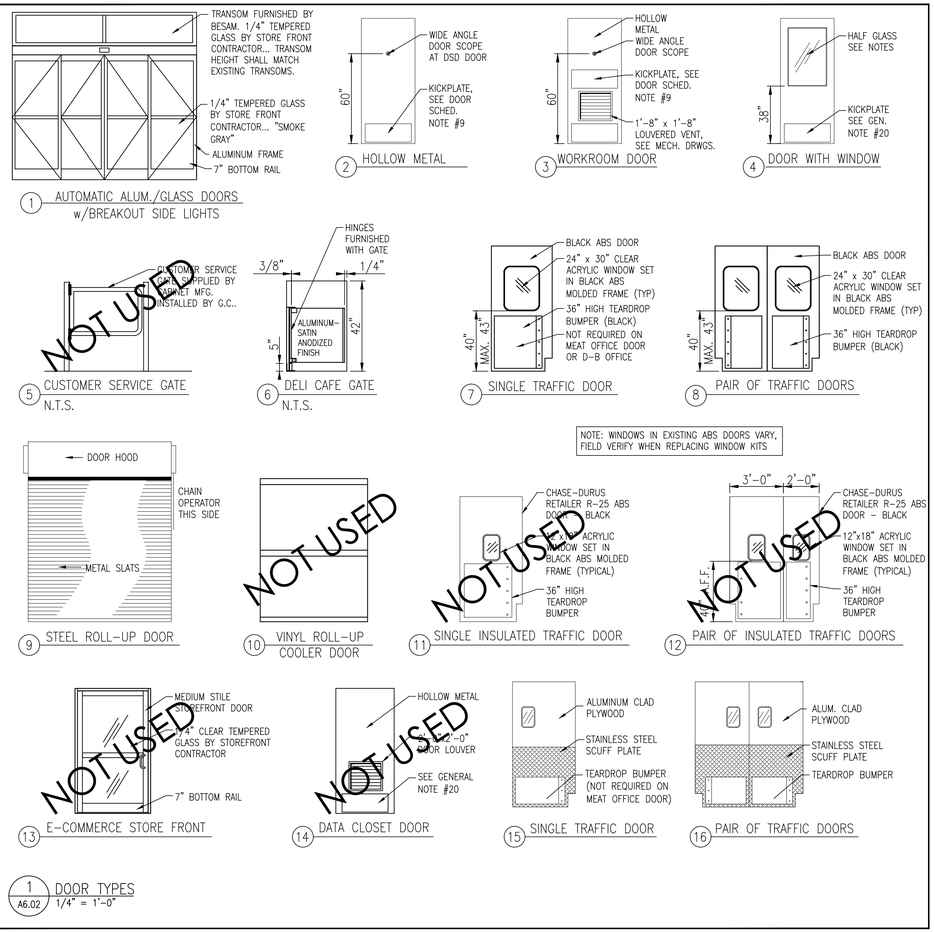
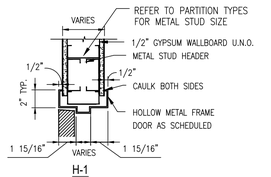
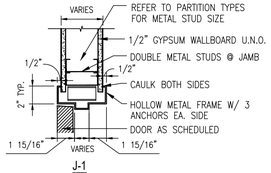


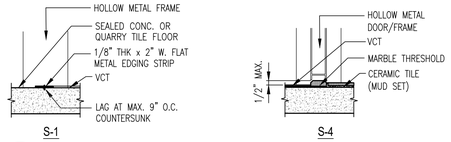

1 DOOR TYPES (A6.02) 1/4" = 1'-0"




2 DOOR HEAD DETAILS (A6.02) 1 1/2" = 1'-0"




3 DOOR JAMB DETAILS (A6.02) 1 1/2" = 1'-0"




4 DOOR SILL DETAILS (A6.02) 1 1/2" = 1'-0"

## 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 SUPERVISOR AT TIME OF WALK-THROUGH.

REMARKS
1. AT NEW EGRESS DOORS, ELECTRICAL CONTRACTOR TO SUPPLY & INSTALL JUNCTION BOX FOR SECURITY ALARM (IF NOT EXISTING) BEFORE DOOR FRAME IS SET.
2. 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).
3. 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.
4. ALL DOORS & FRAMES TO BE PAINTED P-2(B) ON SALES SIDE AND P-15(B) ON ROOM SIDE UNLESS OTHERWISE NOTED.

| NO. | SIZE | | LOCATION | RM. | HRDW. | TYPE | FRAME | HEAD | JAMB | SILL | FRAME COLOR | DOOR FINISH | NOTES AND COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100A* | PR-2'-6"x6'-10"x1 3/4" | EXISTING | VESTIBULE | 100 | EXISTING | 1 | EXISTING ALUM | EXISTING | EXISTING | EXISTING | FACTORY | FACTORY | ~~EXISTING MOTION DETECTORS ON BOTH SIDES. NEW DETECTORS TO BE SUPPLIED BY ASSA ABLOY ENTRANCE SOLUTIONS 1-609-249-9492~~ |
| 100B* | PR-2'-6"x6'-10"x1 3/4" | EXISTING | VESTIBULE | 100 | EXISTING | 1 | EXISTING ALUM | EXISTING | EXISTING | EXISTING | FACTORY | FACTORY | ~~EXISTING MOTION DETECTORS ON BOTH SIDES. NEW DETECTORS TO BE SUPPLIED BY ASSA ABLOY ENTRANCE SOLUTIONS 1-609-249-9492~~ |
| 101* | 3'-0"x7'-0"x1 3/4" | EXISTING | SALES AREA (EXIT) | 101 | EXISTING | 2 | EXISTING HM | EXISTING | EXISTING | EXISTING | SALES P-2(B)/ EXTERIOR TO MATCH ADJ. WALL | SALES P-2(B)/ EXTERIOR TO MATCH ADJ. WALL | SEE DOOR SCHEDULE NOTES #9,10,11,17,18,20 |
| 102* | 3'-0"x7'-0"x1 3/4" | EXISTING | WORK ROOM | 102 | EXISTING | 3 | EXISTING HM | EXISTING | EXISTING | NONE | SALES P-2(B)/ WORKROOM P-15(B) | SALES P-2(B)/ WORKROOM P-15(B) | SEE DOOR SCHEDULE NOTES #9,10,11,18. |
| 104* | 3'-0"x7'-0"x1 3/4" | EXISTING | CORRIDOR (EXIT) | 104 | EXISTING | 2 | EXISTING HM | EXISTING | EXISTING | EXISTING | SALES P-2(B)/ EXTERIOR TO MATCH ADJ. WALL | SALES P-2(B)/ EXTERIOR TO MATCH ADJ. WALL | SEE DOOR SCHEDULE NOTES #9,10,11,17,18,20 |
| 105* | 3'-0"x7'-0"x1 3/4" | EXISTING REVERSE HAND | MEN'S RESTROOM | 105 | EXISTING | 2 | EXISTING HM | EXISTING | EXISTING | S-4 | P-15(B) | P-15(B) | SEE DOOR SCHEDULE NOTES #9,10,11,18,19 |
| 106* | 3'-0"x7'-0"x1 3/4" | EXISTING REVERSE HAND | WOMEN'S RESTROOM | 106 | EXISTING | 2 | EXISTING HM | EXISTING | EXISTING | S-4 | P-15(B) | P-15(B) | SEE DOOR SCHEDULE NOTES #9,10,11,18,19 |
| 107A | PR-3'-0"x7'-0"x1 1/2" | EXISTING | GROCERY STAGING/ RECEIVING | 107 | EXISTING | 8 | EXISTING HM | EXISTING | EXISTING | S-1 | P-15(B) | FACTORY | SEE DOOR SCHEDULE NOTES #1,10,14,16. NEW WINDOW KITS |
| 107B* | 4'-0"x7'-0"x1 3/4" | EXISTING | GROCERY STAGING/ RECEIVING (EXIT) | 107 | EXISTING | 2 | EXISTING HM | EXISTING | EXISTING | EXISTING | INT P-15(B)/ EXTERIOR TO MATCH ADJ. WALL | INT P-15(B)/ EXTERIOR TO MATCH ADJ. WALL | SEE DOOR SCHEDULE NOTES #5,9,10,11,17,18,20 |
| 107C* | 8'-0"x8'-0"x1" | EXISTING | GROCERY STAGING/ RECEIVING | 107 | EXISTING | 9 | BENT PLATE | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | STEEL ROLL-UP DOOR - SEE DOOR SCHEDULE NOTE #17 |
| 107D* | 8'-0"x8'-0"x1" | EXISTING | GROCERY STAGING/ RECEIVING | 107 | EXISTING | 9 | BENT PLATE | EXISTING | EXISTING | EXISTING | EXISTING | EXISTING | STEEL ROLL-UP DOOR - SEE DOOR SCHEDULE NOTE #17 |
| 108* | 3'-0"x7'-0"x1 3/4" | EXISTING | LOUNGE | 108 | EXISTING | 2 | EXISTING HM | EXISTING | EXISTING | EXISTING | P-15(B) | P-15(B) | SEE DOOR SCHEDULE NOTES #9,10,11,18. |
| 110A* | PR-3'-0"x8'-0"x1 3/4" | EXISTING | MECHANICAL ROOM | 110 | EXISTING | 2 | EXISTING HM | EXISTING | EXISTING | NONE | STAGING P-15(B)/ MECHANICAL EXISTING | STAGING P-15(B)/ MECHANICAL EXISTING | SEE DOOR SCHEDULE NOTES #9,10,11 |
| 110B* | 2'-0"x7'-0"x1 3/4" | EXISTING | MECHANICAL ROOM | 110 | EXISTING | 2 | EXISTING HM | EXISTING | EXISTING | NONE | STAGING P-15(B)/ MECHANICAL EXISTING | STAGING P-15(B)/ MECHANICAL EXISTING | SEE DOOR SCHEDULE NOTES #9,10,11 |
| 111* | 3'-0"x7'-0" C.O. | REMOVE DOOR | JANITOR'S CLOSET (C.O.) | 111 | NONE | C.O. | EXISTING HM | EXISTING | EXISTING | NONE | P-15(B) | NO DOOR | OPENING WITH FRAME ONLY, SEE DOOR SCHEDULE NOTES #10 |
| 112A* | PR 3'-0"x7'-0"x1" | EXISTING | MEAT PREP | 112 | EXISTING | 16 | EXISTING HM | EXISTING | EXISTING | EXISTING | PREP P-4(B)/ STAGING P-15(B) | FACTORY | SEE DOOR SCHEDULE NOTE #16 |
| 112B | 3'-0"x7'-0"x1 1/2" | EXISTING | MEAT PREP | 112 | EXISTING | 7 | EXISTING HM | EXISTING | EXISTING | EXISTING | PREP P-4(B)/ SALES P-2(B) | FACTORY | SEE DOOR SCHEDULE NOTES #10,16. NEW WINDOW KIT |
| 113* | 3'-0"x7'-0"x1" | EXISTING | MEAT OFFICE | 113 | EXISTING | 15 | EXISTING HM | EXISTING | EXISTING | NONE | P-4(B) | FACTORY | SEE DOOR SCHEDULE NOTES #10,16 |
| 114 | 3'-0"x7'-0"x1 3/4" | RELOCATED | DEPT. MANAGER'S OFFICE/ ASSOC. TRAINING RROM | 114 | EXISTING | 4 | EXISTING HM | EXISTING | EXISTING | EXISTING | P-15(B) | P-15(B) | SEE DOOR SCHEDULE NOTES #9,10,11,12,18. RELOCATED DOOR INTO EXISTING FRAME |
| 115A* | PR-3'-0"x7'-0"x1 1/2" | EXISTING | PRODUCE PREP | 115 | EXISTING | 16 | EXISTING HM | EXISTING | EXISTING | NONE | PREP P-4(B)/ GROCERY P-15(B) | FACTORY | SEE DOOR SCHEDULE NOTE #10,16 |
| 115B | PR-3'-0"x7'-0"x1 1/2" | EXISTING | PRODUCE PREP | 115 | HW-14 | 8 | EXISTING HM | EXISTING | EXISTING | S-1 | PREP P-4(B)/ SALES P-2(B) | FACTORY | SEE DOOR SCHEDULE NOTES #1,3,4,10,14,16. NEW WINDOW KITS |
| 116 | 3'-4"x3'-6"x1/4" | NEW | DELI/BAKERY PREP (GATE) | 116 | --- | 6 | NEW ALUM | N/A | FACTORY | N/A | FACTORY | FACTORY | FLOOR MOUNTED. |
| 117* | 2'-6"x7'-0"x1 3/4" | EXISTING | DELI/ BAKERY CLOSET | 117 | EXISTING | 2 | EXISTING HM | EXISTING | EXISTING | NONE | DELI P-2(B)/ CLOSET P-4(B) | DELI P-2(B)/ CLOSET P-4(B) | SEE DOOR SCHEDULE NOTES #9,10,11,18 |
| 119* | 3'-0"x7'-0"x1 3/4" | EXISTING | RISER ROOM (EXIT) | 119 | EXISTING | 2 | EXISTING HM | EXISTING | EXISTING | EXISTING | INT EXISTING/ SALES P-2(B) | INT EXISTING/ SALES P-2(B) | SEE DOOR SCHEDULE NOTES #9,10,11,18. |
| 126 | 3'-0"x7'-0"x1 3/4" | NEW | DIRECTOR OF OPERATIONS OFFICE | 126 | HW-12 | 4 | NEW HM | H-1 | J-1 | S-1 | P-15(B) | P-15(B) | SEE DOOR SCHEDULE NOTES #7,9,10,11,12,18. WINDOW KIT W/ INTERNAL BLIND |
| 130* | PR-2'-6"x6'-10"x1 3/4" | EXISTING | AIRLOCK | 130 | EXISTING | 1 | EXISTING ALUM | EXISTING | EXISTING | EXISTING | FACTORY | FACTORY | ~~EXISTING MOTION DETECTORS ON BOTH SIDES. NEW DETECTORS TO BE SUPPLIED BY ASSA ABLOY ENTRANCE SOLUTIONS 1-609-249-9492~~ |
| 131* | PR-2'-6"x6'-10"x1 3/4" | EXISTING | AIRLOCK | 130 | EXISTING | 1 | EXISTING ALUM | EXISTING | EXISTING | EXISTING | FACTORY | FACTORY | ~~EXISTING MOTION DETECTORS ON BOTH SIDES. NEW DETECTORS TO BE SUPPLIED BY ASSA ABLOY ENTRANCE SOLUTIONS 1-609-249-9492~~ |

## DOOR SCHEDULE NOTES:

1. REFER TO FOOD LION SPECIFICATIONS & NATIONAL ACCOUNT REFERENCES (SHEET G1.01) FOR DOOR MANUFACTURERS.
2. ~~GENERAL CONTRACTOR SHALL VERIFY ALL AUTOMATIC SLIDING DOOR OPENINGS WITH THE MANUFACTURER OR CONTRACTOR.~~
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)(DOOR FACING SALES AREA)
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" TEMPERED GLASS IN HALF GLASS DOOR WINDOW, APPLICABLE TO ALL OFFICES.
8. ~~ALL EXTERIOR GLAZING @ AUTO DOORS TO BE 1/4" TEMPERED GLASS (COLOR- REFER TO GLAZING SCHEDULE), TO BE PROVIDED BY STOREFRONT CONTRACTOR.~~
9. GENERAL CONTRACTOR SHALL INSTALL KICKPLATES ON BOTH SIDES OF ALL HOLLOW METAL DOORS. (EXCEPTION- EXTERIOR SIDE OF EXTERIOR DOORS). REPLACE MISSING AND DAMAGED KICKPLATES.
10. THE GENERAL CONTRACTOR SHALL SAND, CLEAN, AND REPAINT ALL EXISTING 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 ARE REPAINTED.
11. GENERAL CONTRACTOR SHALL INSTALL NEW DOOR SILENCERS ON ALL DOORS (AFTER PAINTING) AND COMMERICAL 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 (SHEET CS-1), 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 (SHEET G1.01).
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 (SHEET CS-1).
16. ALL JAMB GUARDS, MISC ALUMINUM, STAINLESS STEEL, ETC BREAK METAL ITEMS SHALL BE FIELD VERIFIED, FABRICATED AND INSTALLED BY 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. CHANGE DOOR SWING USING ALUMINUM CONTINUOUS GEAR HINGE MODEL #A571HD BY ARCHITECTURAL BUILDERS HARDWARE MFG. INC. PATCH EXISTING HARDWARE CUT-OUTS IN FRAME.
20. EXTERIOR SIDE OF DOOR/FRAME TO BE PREPPED FOR PAINT AND REPAINTED TO MATCH EXISTING COLOR.

YCH ARCHITECTS
Yates-Chreitzberg-Hughes Architects, Corp.
Architecture
Interior Design
Land Planning
Project Management

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I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number 10841, expiration date 08-30-2020."

STATE OF MARYLAND · DENNIS P. YATES · 10841 · ARCHITECT
02-14-2020

Interior Alteration For:
FOOD LION
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Store No. 1238

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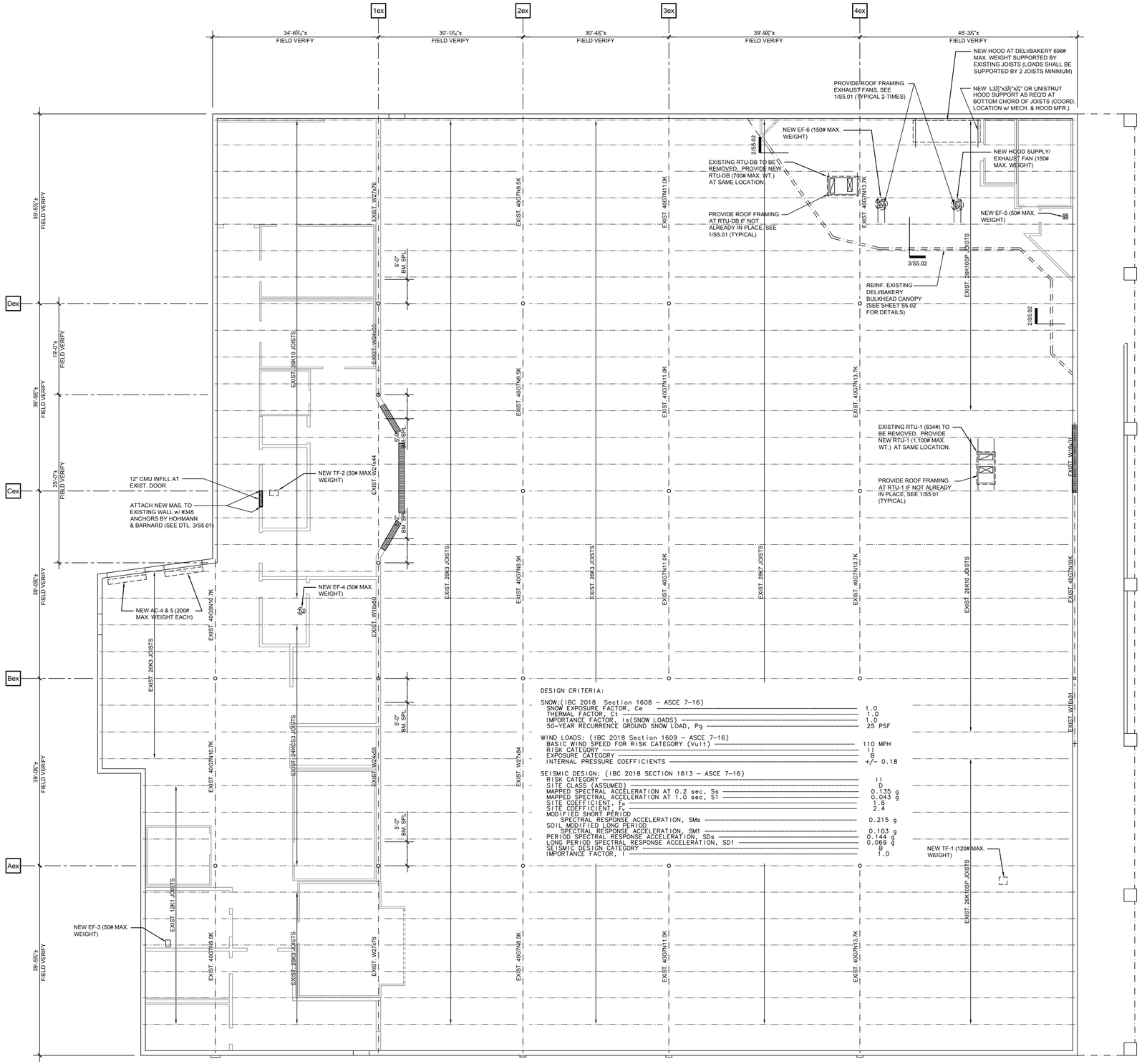
File Name: 1238 A6.02_00.dwg
Date: 02-14-2020
Revisions:

WINDOW AND DOOR FINISH SCHEDULES

Architectural
A6.02
YCH Commission Number
19032.00

7035 Northwinds Dr NW
Concord, NC 28027
704 . 788 . 2000
ycharch.com

Friday, February 21, 2020 5:02:08 PM E:\2019\19032.00 Food Lion\1238 New Market MD\1_Working\AutoCad\1238 A6.02_00.dwg




DESIGN CRITERIA:

| | |
|---|---|
| SNOW:(IBC 2018 Section 1608 – ASCE 7-16) | |
| 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 | 25 PSF |
| WIND LOADS: (IBC 2018 Section 1609 – ASCE 7-16) | |
| BASIC WIND SPEED FOR RISK CATEGORY (Vult) | 110 MPH |
| RISK CATEGORY | II |
| EXPOSURE CATEGORY | B |
| INTERNAL PRESSURE COEFFICIENTS | +/- 0.18 |
| SEISMIC DESIGN: (IBC 2018 SECTION 1613 – ASCE 7-16) | |
| RISK CATEGORY | II |
| SITE CLASS (ASSUMED) | D |
| MAPPED SPECTRAL ACCELERATION AT 0.2 sec, Ss | 0.135 g |
| MAPPED SPECTRAL ACCELERATION AT 1.0 sec, S1 | 0.043 g |
| SITE COEFFICIENT, Fa | 1.6 |
| SITE COEFFICIENT, Fv | 2.4 |
| MODIFIED SHORT PERIOD SPECTRAL RESPONSE ACCELERATION, SMs | 0.215 g |
| SOIL MODIFIED LONG PERIOD SPECTRAL RESPONSE ACCELERATION, SM1 | 0.103 g |
| PERIOD SPECTRAL RESPONSE ACCELERATION, SDs | 0.144 g |
| LONG PERIOD SPECTRAL RESPONSE ACCELERATION, SD1 | 0.069 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 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.

SPECIAL INSPECTIONS:

1. SPECIAL INSPECTIONS ARE NOT REQUIRED FOR THIS PROJECT. THE PROJECT INCLUDES CONSTRUCTION OF A MINOR NATURE PER SECTION 1704 EXCEPTION 1 OF THE IBC.

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 OR 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 TO A 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. BOLTED CONNECTIONS SHALL CONFORM TO THE SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS, APPROVED JUNE 23, 2000. ALTERNATE DESIGN BOLTS OR DIRECT TENSION INDICATOR DEVICES WILL BE ACCEPTED ONLY BY WRITTEN APPROVAL OF THE ENGINEER. INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 8 OF THE SPECIFICATION. AN INDEPENDENT TESTING AGENCY SHALL INSPECT ALL BOLTED CONNECTIONS IN ACCORDANCE WITH SECTION 9 OF THE SPECIFICATION AND REPORT IN WRITING TO THE CONTRACTOR AND ARCHITECT.
5. 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.
6. ALL BEAMS AND PRIMARY BRACING MEMBERS SHALL BE SECURED WITH AT LEAST 2 BOLTS PRIOR TO REMOVAL OF HOISTING CABLES.
7. 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.
8. ALL EXPOSED STRUCTURAL STEEL SHALL BE GALVANIZED. SUBMIT WITH SHOP DRAWINGS FOR REVIEW.
9. 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.

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. G.C. VERIFY THE LOCATION AND WEIGHT OF ALL NEW MECHANICAL UNITS TO BE SUPPORTED FROM THE EXISTING ROOF STRUCTURE. NOTIFY ARCHITECT/ENGINEER PRIOR TO FABRICATION AND INSTALLATION IF LOCATIONS AND WEIGHTS VARY FROM THOSE SHOWN.
3. 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.
4. PROVIDE NEW JOIST WEB STIFFENERS AT NEW CONCENTRATED LOADS ON EXISTING JOISTS - SEE DETAIL 2/SS.01
5. PROVIDE A NEW ANGLE FRAME AT NEW ROOF OPEININGS AND AT NEW MECHANICAL UNITS SUPPORTED ON THE EXISTING ROOF - SEE DETAIL 1/SS.01
6. ROUTE NEW DUCT WORK & PLUMBING SO THE EXISTING ROOF FRAMING IS NOT AFFECTED.

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STATE OF MARYLAND · DEAN ARP · No. 29508 · PROFESSIONAL ENGINEER

2.14.2020

Interior Alteration For:
FOOD LION
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New Market, MD 21774
Store No. 1238

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Project No.: 1238FLMK20
File Name: 1238S1.02_00.DWG
Date: 2-14-2020
Revisions:

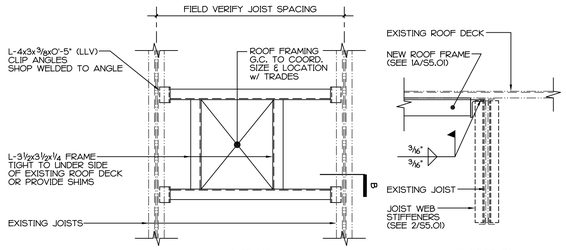
ROOF FRAMING PLAN

Structural
S1.02
YCH Commission Number
19032.00

7035 Northwinds Dr NW
Concord, NC 28027
704 . 788 . 2000
ycharch.com

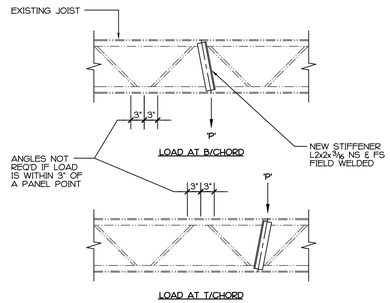
NOTES:

1. PROVIDE A ROOF FRAME BENEATH THE CURBS OF NEW MECHANICAL UNITS AND AROUND NEW ROOF OPENINGS.
2. PROVIDE BLOCKING BETWEEN THE MECHANICAL CURB AND THE NEW ROOF FRAME OR EXISTING JOIST IN THE ROOF DECK FLUTES.




## 1 S5.01 NEW ROOF FRAME

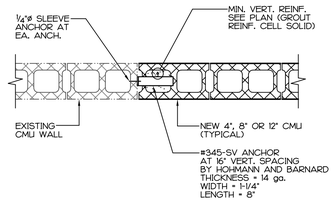
N.T.S.




PROVIDE NEW JOIST WEB STIFFENERS AT NEW CONCENTRATED LOADS ON JOISTS

## 2 S5.01 JOIST WEB STIFFENER

N.T.S.




ENDS OF WALLS

## 3 S5.01 DETAIL - MASONRY ANCHOR TO EXIST. MASONRY WALL

N.T.S.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STATE OF MARYLAND · DEAN ARP · No. 29508 · PROFESSIONAL ENGINEER

2.14.2020

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New Market, MD 21774


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Project No.:
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**Date: 2-14-2020**

Revisions:

STRUCTURAL DETAILS

Structural

# S5.01

YCH Commission Number

**19032.00**


**7035 Northwinds Dr NW**
**Concord, NC 28027**
**704 . 788 . 2000**
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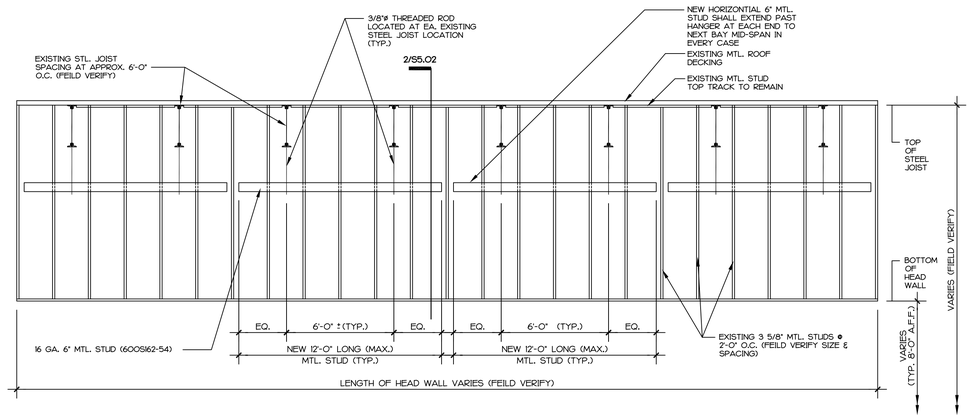
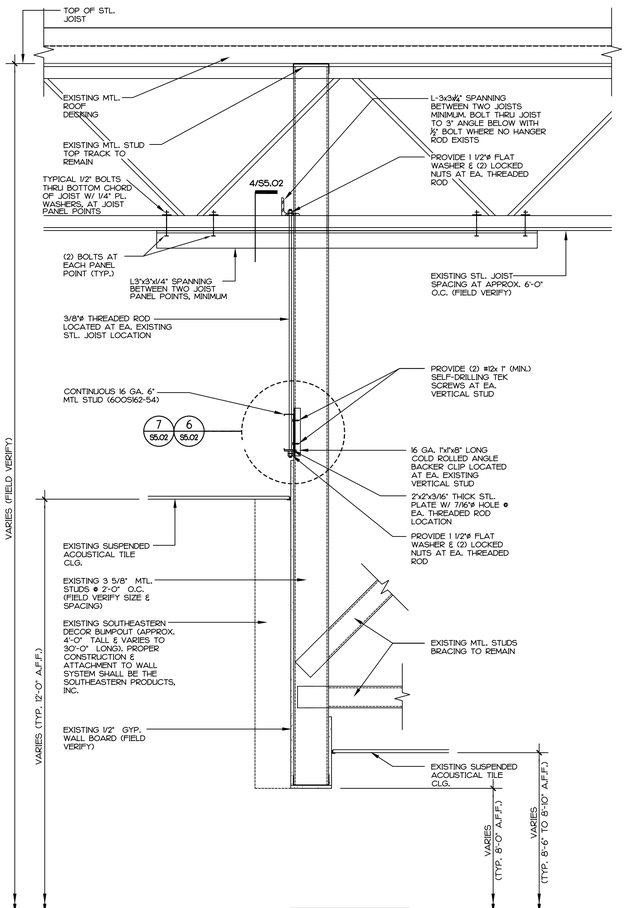
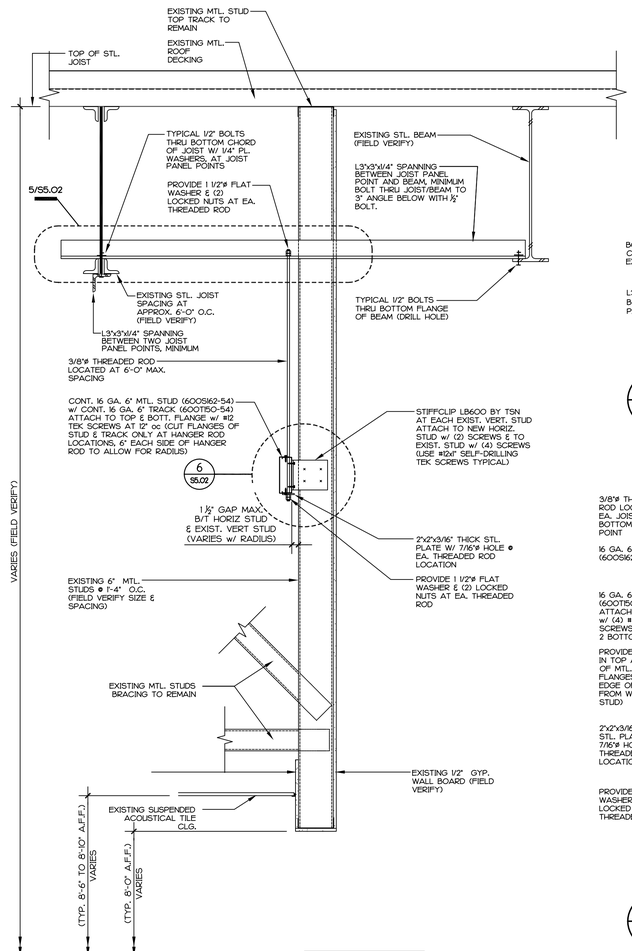


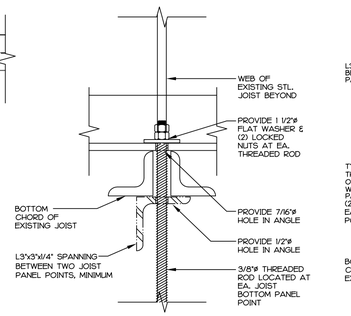

1 S5.02 **TYP. HEAD WALL ADDED SUPPORT ELEVATION (HEAD WALL PERPENDICULAR TO JOISTS)**
1/4" = 1'-0"



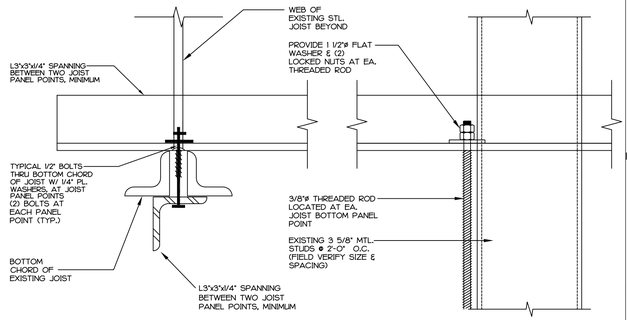

2 S5.02 **SECTION AT EXISTING HEAD WALL w/ ADDED SUPPORT (HEAD WALL PERPINDICULAR TO JOISTS)**
1" = 1'-0"



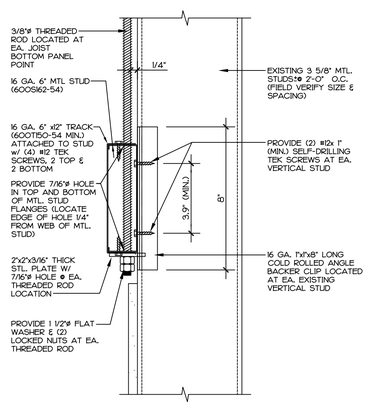

3 S5.02 **SECTION AT EXISTING HEAD WALL w/ ADDED SUPPORT (HEAD WALL PARALLEL TO JOISTS)**
1" = 1'-0"



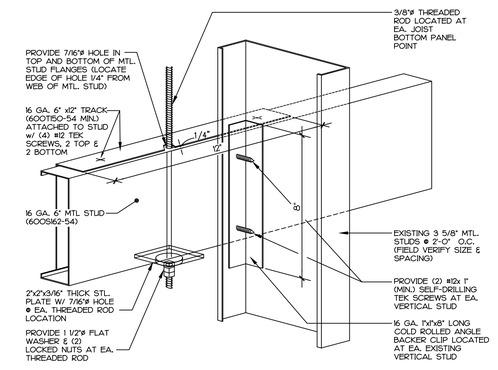

4 S5.02 **CONNECTION DETAIL**
3" = 1'-0"




5 S5.02 **CONNECTION DETAIL**
3" = 1'-0"




6 S5.02 **CONNECTION DETAIL**
3" = 1'-0"




7 S5.02 **CONNECTION DETAIL**
N.T.S.

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I certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, license number 29508, expiration date 10-14-2021."

STATE OF MARYLAND · DEAN ARP · No. 29508 · PROFESSIONAL ENGINEER

2.14.2020

Interior Alteration For:
**FOOD LION**
2110 Executive Drive, Salisbury, NC 28147 / Ph: 704.633.8250
11800 Old National Pike
New Market, MD 21774
Store No. 1238

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STRUCTURAL DETAILS

Structural
**S5.02**
YCH Commission Number
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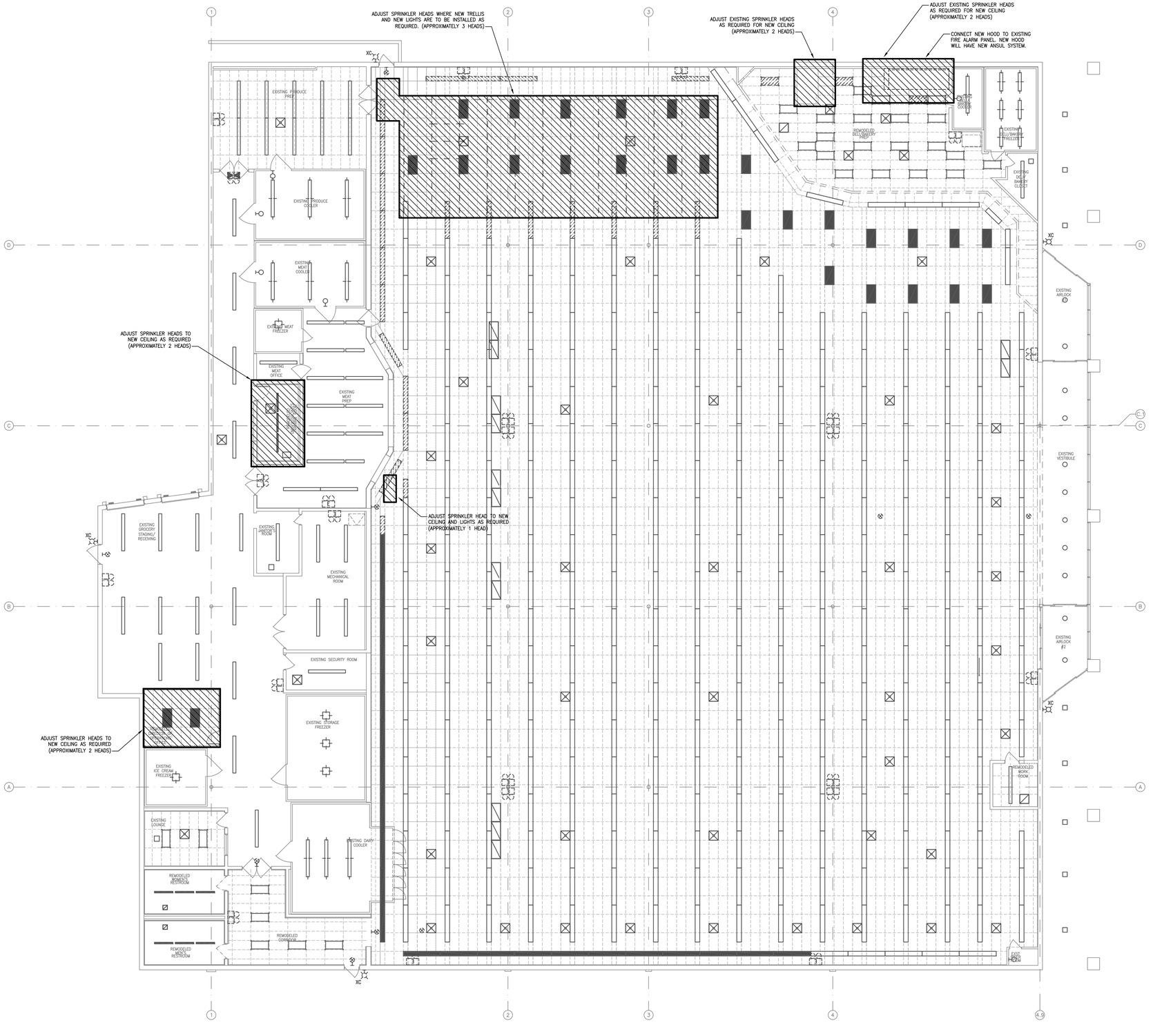


1 FP1.01 FIRE PROTECTION INTENT PLAN
SCALE: 3/32" = 1'-0"

| SYMBOL LEGEND |
|---|
| SPRINKLER RISER |
| SPRINKLER HEAD |
| FE FIRE EXTINGUISHER |
| EXHAUST HOOD |
| NEW LIGHTING TRACK/TRELLIS |
| POSSIBLE AREAS OF CHANGE |

**GENERAL NOTES**

1. THIS DRAWING IS DIAGRAMMATIC AND CONVEYS GENERAL INTENT. SPRINKLER CONTRACTOR SHALL PROVIDE COMPLETE WORKING DRAWINGS, PER APPLICABLE CODES, FOR MODIFICATIONS OR ADDITIONS TO THE SPRINKLER SYSTEM.
2. THIS DRAWING IS DIAGRAMMATIC AND CONVEYS GENERAL INTENT. FIRE ALARM CONTRACTOR SHALL PROVIDE COMPLETE WORKING DRAWINGS, PER APPLICABLE CODES, FOR MODIFICATIONS OR ADDITIONS TO THE FIRE ALARM SYSTEM.


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I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland, License No. 41658, expiration date: 02/19/2022."

STATE OF MARYLAND · MICHAEL D. BOWERS · 41658 · PROFESSIONAL ENGINEER
02/14/2020

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FIRE PROTECTION INTENT PLAN

Fire Protection
**FP1.01**
YCH Commission Number
**19032.00**


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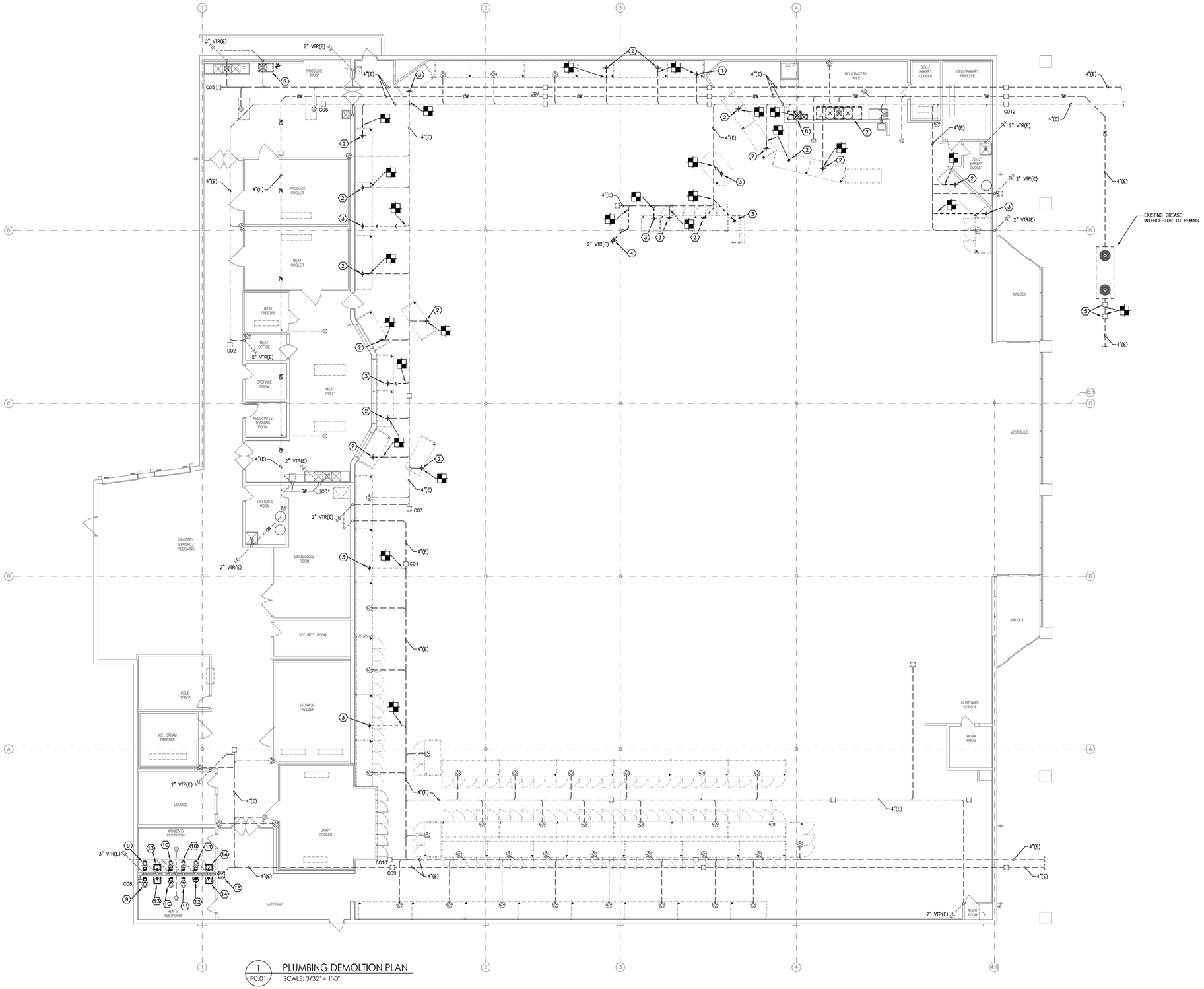


1 P0.01 PLUMBING DEMOLTION PLAN
SCALE: 3/32" = 1'-0"

## 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
- —GW— – GREASE WASTE EXISTING
- – EXISTING WASTE LINE
- – EXISTING VENT LINE
- –X– – – –X– – 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 DELHAIZE AMERICA CONSTRUCTION SUPERVISOR 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 DELHAIZE AMERICA CONSTRUCTION SUPERVISOR. 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 DELHAIZE AMERICA CONSTRUCTION SUPERVISOR.
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 DELHAIZE AMERICA CONSTRUCTION SUPERVISOR IS CRITICAL DURING ALL PHASES OF DEMOLITION AND CONSTRUCTION.

## WASTE AND VENT KEY NOTES

1. REMOVE EXISTING HUB DRAIN AND P-TRAP. SEE SHEET P1.01 FOR NEW WORK. 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. REMOVE EXISTING HUB DRAIN AND CAP BRANCH LINE AT MAIN. REPAIR FLOOR TO MATCH EXISTING.
4. REMOVE EXISTING VENT LINES AND WASTE LINE AS INDICATED ON SHEET P0.01. SEE SHEET P1.01 FOR NEW WORK. REPAIR FLOOR, ROOF AND WALL TO MATCH EXISTING.
5. REMOVE EXISTING CLEANOUT AS INDICATED ON SHEET P0.01. SEE SHEET P1.01 FOR NEW WORK. REPAIR ASPHALT TO MATCH EXISTING.
6. REMOVE EXISTING ONE COMPARTMENT PRODUCE PREP SINK AS INDICATED ON SHEET P0.01. PREPARE EXISTING WATER AND WASTE LINES TO BE MODIFIED. SEE SHEETS P1.01 AND P1.03 FOR NEW WORK. REPAIR FLOOR AND WALL TO MATCH EXISTING.
7. RELOCATE EXISTING DELI/BAKERY SINK. REMOVE EXISTING FLOOR SINK AS INDICATED ON SHEET P0.01. SEE SHEETS P1.01 AND P1.03 FOR NEW WORK. REPAIR WALL AND FLOOR TO MATCH EXISTING.
8. RELOCATE EXISTING 1 COMPARTMENT D/B SINK AND D/B HAND SINK. REMOVE EXISTING WATER AND WASTE LINES. SEE SHEETS P1.01 AND P1.03 FOR NEW WORK. REPAIR WALL AND FLOOR TO MATCH EXISTING.
9. RELOCATE EXISTING WATER CLOSET (P-1A) AND PREPARE WATER AND WASTE BRANCH LINES TO BE MODIFIED. SEE SHEET P1.01 AND P1.03 FOR NEW WORK. REPAIR FLOOR AND WALL TO MATCH EXISTING.
10. RELOCATE EXISTING WATER CLOSET (P-1) AND PREPARE WATER AND WASTE BRANCH LINES TO BE MODIFIED. SEE SHEET P1.01 AND P1.03 FOR NEW WORK. REPAIR FLOOR AND WALL TO MATCH EXISTING.
11. REMOVE EXISTING WATER CLOSET. PREPARE WATER AND WASTE LINES TO BE MODIFIED. SEE SHEETS P1.01 AND P1.03 FOR NEW WORK. REPAIR WALL AND FLOOR TO MATCH EXISTING.
12. RELOCATE EXISTING URINAL (P-2). SEE SHEETS P1.01 AND P1.03 FOR NEW WORK. PREPARE WATER AND WASTE LINES TO BE MODIFIED. REPAIR FLOOR AND WALL TO MATCH EXISTING.
13. RELOCATE EXISTING LAVATORY (P-3A). SEE SHEETS P1.01 AND P1.03 FOR NEW WORK. CAP WATER AND WASTE LINES AT EXISTING MAINS. REPAIR FLOOR AND WALL TO MATCH EXISTING.
14. RELOCATE EXISTING LAVATORY (P-3). SEE SHEETS P1.01 AND P1.03 FOR NEW WORK. PREPARE WATER AND WASTE LINES TO BE MODIFIED. REPAIR FLOOR AND WALL TO MATCH EXISTING.
15. REMOVE EXISTING WATER COOLER AND PREPARE WATER AND WASTE BRANCH LINES TO BE MODIFIED. SEE SHEET P1.01 AND P1.03 FOR NEW WORK. REPAIR WALL TO MATCH EXISTING.

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STATE OF MARYLAND · MICHAEL D. BOWERS · 41658 · PROFESSIONAL ENGINEER
02/14/2020

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File Name:
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**Date: 02-14-20**

Revisions:

PLUMBING DEMOLITION PLAN

Plumbing
**P0.01**
YCH Commission Number
**19032.00**

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Concord, NC 28027
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## DRAIN REPORT REPAIRS

THE FOLLOWING ITEMS HAVE BEEN NOTED AS DELHAIZE 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–29 INSTALL NEW CLEANOUT (P–9B) AS INDICATED ON SHEET P1.01. SEE KEY NOTE No. 8.

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

## PLUMBING LEGEND

| | | | |
|---|---|---|---|
| □ | – NEW CLEAN OUT FLUSH WITH FINISH FLOOR | TRENCH | – TRENCH DRAIN |
| ▢ | – EXISTING CLEAN OUT | EVAP | – REFRIGERATION EVAPORATORS |
| ▣ | – NEW FLOOR SINK | | – CONNECT TO EXISTING |
| ▣ | – EXISTING FLOOR SINK | AFF | – ABOVE FINISH FLOOR |
| ⊙ | – NEW FLOOR DRAIN | (E) | – EXISTING |
| ⊙ | – EXISTING FLOOR DRAIN | | – NEW CONDENSATE DRAIN LINES |
| ⊣ | – WALL CLEAN OUT (WCO) | | – NEW VENT LINES |
| ⊹ | – NEW HUB DRAIN WITH 4x3 BELL REDUCER | | – NEW SANITARY SEWER LINES |
| ⊛ | – EXISTING HUB DRAIN TO REMAIN | GW | – GREASE WASTE EXISTING |
| ✦ | – HUB DRAIN TO BE REMOVED | | – EXISTING WASTE LINE |
| VTR | – VENT THROUGH ROOF | | – EXISTING VENT LINE |
| VTR(E) | – EXISTING VENT THROUGH ROOF | –X– | – EXISTING PLUMBING LINE TO BE REMOVED |
| –\| | – EXISTING LINE CAPPED OFF | | |

## 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.
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 "P–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 SUPERVISOR.
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 SUPERVISOR. 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 ADJACENT 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.

## 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. EXTEND 1½" INDIRECT DRAIN 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" INDIRECT DRAIN FROM MISTING SYSTEM TO NEAREST DRAIN.
6. EXTEND ½" INDIRECT DRAIN FROM MISTING SYSTEM SOLENOID/MANIFOLD BOX TO NEAREST HUB DRAIN.
7. INSTALL NEW CLEANOUT (P–9) AS INDICATE ON SHEET P1.01. REPAIR FLOOR TO MATCH EXISTING.
8. INSTALL NEW CLEANOUT (P–9B) AS INDICATE ON SHEET P1.01. REPAIR ASPHALT TO MATCH EXISTING.
9. INSTALL NEW 2 COMPARTMENT VEGETABLE SINK (P–27) SINK AS INDICATED ON SHEET P1.01. VERIFY LOCATION WITH OWNERS. EXTEND 1½" INDIRECT DRAIN TO EXISTING FLOOR SINK (P–23). REPAIR FLOOR TO MATCH EXISTING FLOOR. SEE DETAIL ON SHEET P6.01.
10. RELOCATE EXISTING D/B CHICKEN SINK (P–15) AS INDICATED ON SHEET P1.01. VERIFY LOCATION WITH OWNERS. EXTEND 1½" INDIRECT DRAIN TO EXISTING FLOOR SINK (P–23). REPAIR FLOOR TO MATCH EXISTING FLOOR. SEE DETAIL ON SHEET P6.01.
11. RELOCATE EXISTING 1 COMPARTMENT D/B CHICKEN SINK (P–26) AND DELI/BAKERY HAND SINK (P–28) AS INDICATED ON SHEET P1.01. VERIFY LOCATION WITH OWNERS. EXTEND 1½" INDIRECT DRAIN TO NEW FLOOR SINK (P–23). EXTEND 3"Ø WASTE LINE TO NEW FLOOR SINK (P–23). REPAIR FLOOR TO MATCH EXISTING FLOOR. SEE DETAIL ON SHEET P6.01.
12. INSTALL NEW DELI/BAKERY HAND SINK (P–28) AS INDICATED ON SHEET P1.01. EXTEND 1½" INDIRECT DRAIN TO EXISTING FLOOR SINK (P–23). REPAIR FLOOR TO MATCH EXISTING FLOOR. VERIFY LOCATION WITH OWNERS. SEE DETAIL ON SHEET P6.01.
13. RELOCATE EXISTING WATER CLOSET (P–1A) WITH TRIP LEVER ON OPEN SIDE OF STALL TO MEET ADA REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR DETAIL INDICATING DIMENSIONAL INFORMATION FOR EXACT LOCATION. ADJUST EXISTING WASTE AND WATER PIPING AS REQUIRED FOR RECONNECTION. REPAIR WALL AND FLOOR TO MATCH EXISTING.
14. RELOCATE EXISTING WATER CLOSET (P–1) TO MEET ADA REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR DETAIL INDICATING DIMENSIONAL INFORMATION FOR EXACT LOCATION. ADJUST EXISTING WASTE AND WATER PIPING AS REQUIRED FOR RECONNECTION. REPAIR WALL AND FLOOR TO MATCH EXISTING.
15. RELOCATE EXISTING URINAL (P–2) TO MEET ADA REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR DETAIL INDICATING DIMENSIONAL INFORMATION FOR EXACT LOCATION. ADJUST EXISTING WASTE PIPING AS REQUIRED FOR RECONNECTION. REPAIR WALL TO MATCH EXISTING.
16. RELOCATE EXISTING LAVATORY (P–3A) TO MEET ADA REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR DETAIL INDICATING DIMENSIONAL INFORMATION FOR EXACT LOCATION. ADJUST EXISTING WASTE PIPING AS REQUIRED FOR RECONNECTION. REPAIR FLOOR TO MATCH EXISTING.
17. RELOCATE EXISTING LAVATORY (P–3) TO MEET ADA REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR DETAIL INDICATING DIMENSIONAL INFORMATION FOR EXACT LOCATION. ADJUST EXISTING WASTE PIPING AS REQUIRED FOR RECONNECTION. REPAIR FLOOR TO MATCH EXISTING.
18. INSTALL NEW WATER COOLER (P–4) TO MEET ADA REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR DETAIL INDICATING DIMENSIONAL INFORMATION FOR EXACT LOCATION. ADJUST EXISTING WASTE PIPING AS REQUIRED FOR RECONNECTION. REPAIR WALL TO MATCH EXISTING.
19. EXTEND 3/4" INDIRECT DRAIN FROM NEW RACK OVEN TO EXISTING HUB DRAIN.
20. EXTEND 3" WASTE TO NEW FLOOR SINK (P–23). INSTALL 2" AAV UNDER CASE. COORDINATE TRENCHING WITH WATER, REFRIGERATION CONDUIT, AND UNDER GROUND ELECTRICAL. REPAIR FLOOR TO MATCH EXISTING. VERIFY FLOOR SINK LOCATION WITH OWNER PRIOR TO CUTTING SLAB.

1 P1.01 SANITARY SEWER AND DRAIN PLAN
SCALE: 3/32" = 1'–0"


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I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland, License No. 41658, expiration date: 02/19/2022."

MICHAEL D. BOWERS — NOTARY PUBLIC — 41658 — PROFESSIONAL ENGINEER — 02/14/2020

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SANITARY SEWER AND DRAIN PLAN

Plumbing
**P1.01**
YCH Commission Number
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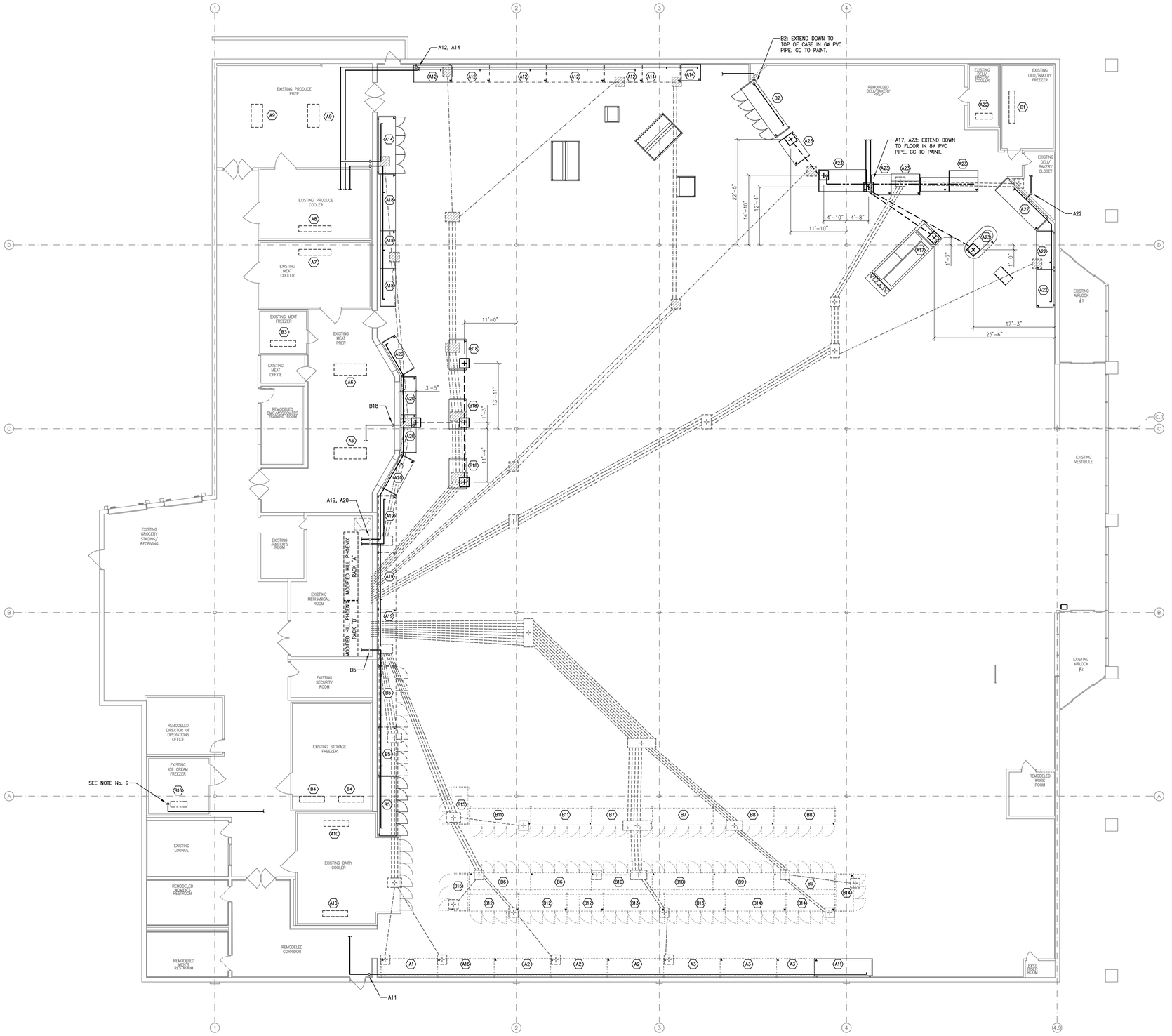


1 P1.02 REFRIGERATION PIT AND CONDUIT PLAN
SCALE: 3/32" = 1'-0"

## 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"x18-3/4" 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.

## 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
- AM6E-345 — NEW EVAPORATOR COILS
- (#) — 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


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I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland, License No. 41658, expiration date: 02/19/2022."

STATE OF MARYLAND — MICHAEL D. BOWERS — 41658 — PROFESSIONAL ENGINEER
02/14/2020

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REFRIGERATION PIT AND CONDUIT PLAN

Plumbing
**P1.02**
YCH Commission Number
**19032.00**


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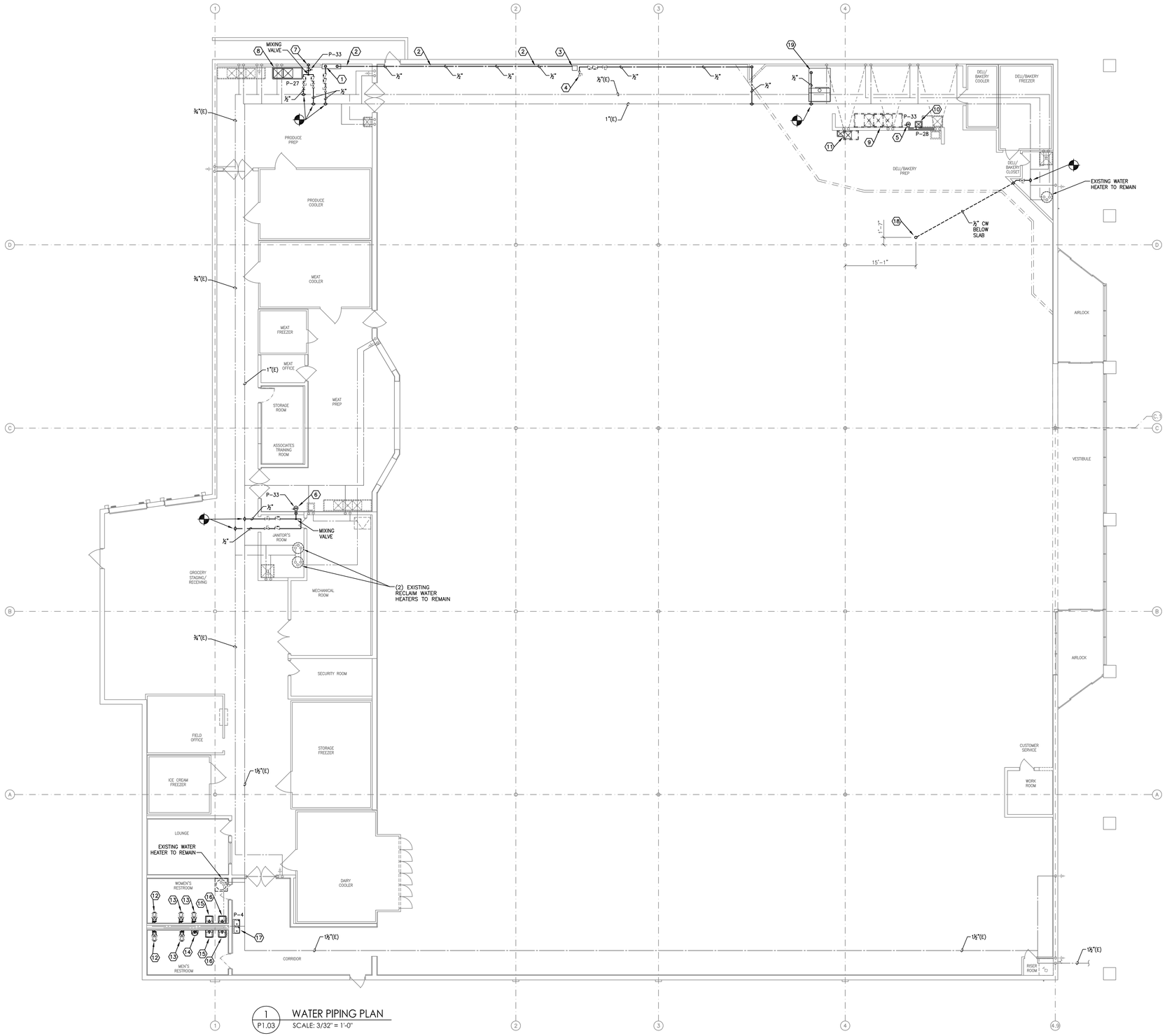


1 P1.03 WATER PIPING PLAN
SCALE: 3/32" = 1'-0"

## 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
- COLD WATER
- HOT WATER
- PH – PRE-HEATED LINE
- HOT WATER RETURN
- UNDER SLAB WATER LINES
- EXISTING PLUMBING LINE TO BE REMOVED

## 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 MIXING HOSE BIBS AND FAUCETS (NOT INCLUDING HAND SINKS). ALL 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. EXTEND ½" CW SOFT COPPER SUPPLY TO NEW MISTING SYSTEM. PROVIDE ½" FPT BALL VALVE AND DOUBLE CHECK VALVE AT CONNECTION OF EXISTING CW SUPPLY. MOUNT TO WALL. COORDINATE EXACT LOCATION WITH CONSTRUCTION SUPERVISOR. DOUBLE CHECK VALVE ASSEMBLY SHALL BE EQUAL TO A WATTS SERIES 007.
2. EXTEND ½" PEX SUPPLY ABOVE CEILING. PROVIDE SUPPORTS EVERY 24".
3. EXTEND ½" PEX SUPPLY TO NEW MISTING SYSTEM SOLENOID/MANIFOLD BOX ON TOP OF CASE. SEE ARCHITECTURE PLANS FOR MISTING SYSTEM ISOMETRIC.
4. 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 SUPERVISOR. DOUBLE CHECK VALVE ASSEMBLY SHALL BE EQUAL TO A WATTS SERIES 007. ALL PIPING AND ACCESSORIES SHALL BE CONCEALED FROM SALES FLOOR.
5. INSTALL NEW EYE WASH (P-33) AS INDICATED. EXTEND ½" CW/HW LINES TO MIXING VALVE IN PARTIAL HEIGHT WALL. MOUNT MIXING VALVE BELOW EYE WASH TO PARTIAL HEIGHT WALL. EXTEND ½" TEMPERED WATER LINE FROM MIXING VALVE TO EYEWASH. VERIFY LOCATION WITH OWNER PRIOR TO CONSTRUCTION. REPAIR WALL TO MATCH EXISTING. SEE DETAIL 7/P6.01.
6. INSTALL NEW EYE WASH (P-33) AS INDICATED. EXTEND ½" CW/HW LINES TO MIXING VALVE. EXTEND ½" TEMPERED WATER LINE FROM MIXING VALVE TO EYEWASH. VERIFY LOCATION WITH OWNER PRIOR TO CONSTRUCTION. SEE DETAIL 7/P6.01.
7. RELOCATE EXISTING EYE WASH (P-33) AS INDICATED. EXTEND ½" CW/HW LINES TO MIXING VALVE. EXTEND ½" TEMPERED WATER LINE FROM MIXING VALVE TO EYEWASH. VERIFY LOCATION WITH OWNER PRIOR TO CONSTRUCTION. SEE DETAIL 7/P6.01.
8. INSTALL NEW 2 COMPARTMENT VEGETABLE SINK (P-27). ADJUST EXISTING CW/HW PIPING AS REQUIRED FOR RECONNECTION. SEE GENERAL NOTE No. 4. REPAIR WALL TO MATCH EXISTING.
9. RELOCATE DELI/BAKERY SINK (P-15) AS INDICATED ON SHEETS P1.01 AND P1.03. VERIFY LOCATION WITH OWNERS. EXTEND ½" HW/CW IN PARTIAL HEIGHT WALL AND CONNECT. SEE GENERAL NOTE No. 4.
10. RELOCATE 1 COMPARTMENT DELI/BAKERY CHICKEN SINK (P-26) AND DELI/BAKERY HAND SINK (P-28) AS INDICATED ON SHEETS P1.01 AND P1.03. VERIFY LOCATION WITH OWNERS. EXTEND ½" HW/CW IN PARTIAL HEIGHT WALL AND CONNECT. SEE GENERAL NOTE No. 4.
11. INSTALL NEW DELI/BAKERY HAND SINK (P-28) AS INDICATED. VERIFY LOCATION WITH OWNERS. EXTEND ½" HW/CW IN PARTIAL HEIGHT WALL AND CONNECT. MOUNT MIXING VALVE TO WALL BELOW HAND SINK. MIXING VALVE SHALL BE EQUAL TO SYMMONS 7-225-CK.
12. RELOCATE EXISTING (P-1A). WATER CLOSET WITH TRIP LEVER ON OPEN SIDE OF STALL TO MEET ADA REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR DETAIL INDICATING DIMENSIONAL INFORMATION FOR EXACT LOCATION. ADJUST EXISTING WATER PIPING AS REQUIRED FOR RECONNECTION. REPAIR WALL AND FLOOR TO MATCH EXISTING.
13. RELOCATE EXISTING (P-1). WATER CLOSET TO MEET ADA REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR DETAIL INDICATING DIMENSIONAL INFORMATION FOR EXACT LOCATION. ADJUST EXISTING WATER PIPING AS REQUIRED FOR RECONNECTION. REPAIR WALL AND FLOOR TO MATCH EXISTING.
14. RELOCATE EXISTING URINAL (P-2) TO MEET ADA REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR DETAIL INDICATING DIMENSIONAL INFORMATION FOR EXACT LOCATION. ADJUST EXISTING WATER PIPING AS REQUIRED FOR RECONNECTION. REPAIR WALL TO MATCH EXISTING.
15. RELOCATE EXISTING LAVATORY (P-3A) TO MEET ADA REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR DETAIL INDICATING DIMENSIONAL INFORMATION FOR EXACT LOCATION. ADJUST EXISTING CW/HW PIPING AS REQUIRED FOR RECONNECTION. REPAIR WALL TO MATCH EXISTING.
16. RELOCATE EXISTING LAVATORY (P-3) TO MEET ADA REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR DETAIL INDICATING DIMENSIONAL INFORMATION FOR EXACT LOCATION. ADJUST EXISTING CW/HW PIPING AS REQUIRED FOR RECONNECTION. REPAIR WALL TO MATCH EXISTING.
17. INSTALL NEW WATER COOLER (P-4) TO MEET ADA REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR DETAIL INDICATING DIMENSIONAL INFORMATION FOR EXACT LOCATION. EXTEND EXISTING ½" CW SUPPLY AS REQUIRED. REPAIR WALL TO MATCH EXISTING.
19. EXTEND ¾" CW SUPPLY BELOW SLAB TO SALAD CASE. COORDINATE TRENCHING WITH WASTE, REFRIGERATION CONDUIT, AND UNDER GROUND ELECTRICAL. REPAIR FLOOR TO MATCH EXISTING. VERIFY STUB LOCATION WITH OWNER PRIOR TO CUTTING SLAB.
19. EXTEND 1/2" CW SUPPLY TO NEW RACK OVEN.

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WATER PIPING PLAN

Plumbing
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# 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 | #2234.001 | VITROUS CHINA | ELONG. BOWL | ---- | ---- | ---- | SENSOR OPERATED FLUSH VALVE – AMERICAN STANDARD SELECTRONIC AC POWER |
| 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 | #3043.001 | VITROUS CHINA | ELONG. BOWL | ---- | ---- | ---- | SENSOR OPERATED FLUSH VALVE – AMERICAN STANDARD SELECTRONIC 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" | ---- | ---- | ---- | SENSOR OPERATED FLUSH VALVE – AMERICAN STANDARD SELECTRONIC AC POWER |
| 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 | #0124.024 | 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 | EZS8 | 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 | WALL HYDRANT | ZURN | Z-1325 | BRONZE | ---- | ---- | ---- | VACUUM BREAKER KEY CONTROL | 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 | 3PB244-2D24-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 | 3PB244-2D24-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 | 3PB24304-2D24FL | 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 B 1128 FAUCET | ---- | 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 WITH THERMOSTATIC MIXING VALVE S19-2000 | ---- | ---- | ---- | ---- | ---- | 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 |

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<br>KOHLER K-4350 |
| P-1A | TOTO CT705ELN<br>KOHLER K-4368 |
| P-2 | TOTO UT447E (0.5 GPF)<br>KOHLER K-4940-ET (0.5 GPF) |
| P-3 | TOTO LT307.4<br>KOHLER K-2054 |
| P-4 | HALSEY TAYLOR WM-16W |
| P-5 | KOHLER K-8906 |
| P-6 | SMITH 5609-QT<br>WOODFORD MODEL 60<br>WADE W-8620-L<br>JOSAM 71050-50<br>WATTS HY420-6 |
| P-6A | SMITH 5560<br>WADE W-8606-HC<br>JOSAM 71650-52-80<br>WATTS HY420-6 |
| P-7 | AMERICAN STANDARD 8344-111 |
| P-8 | SMITH 2005-DV-PB<br>WADE W-1104-TS7-31-2<br>JOSAM 30004-7EJ-2<br>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<br>WATTS FD-460-F-9<br>WADE W-1640 |
| P-18 | SMITH 2415-B-PB<br>WADE W-2310-1-14 W/2450<br>JOSAM 37810-20-14-Z w/67104A<br>WATTS FD-460-F-5-9 |
| P-19 | JOSAM 32300-1.88100<br>SMITH 2120<br>WATTS FD-320-Y-6<br>WADE W-1310-1-W/ W-2450 |
| P-20 | WATTS CO-590-RD<br>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
NOT TO SCALE

2 P6.01 SECTION THRU PIT
NOT TO SCALE

3 P6.01 PIT ISOMETRIC
NOT TO SCALE

4 P6.01 SALES AREA CLEANOUT SECTION
NOT TO SCALE

NOTES:
A. FLOOR SINK COVER TO BE FLUSH WITH TILE OR FLUSH WITH CONCRETE FLOOR IN AREA WITH NO TILE.
B. PROVIDE ONE DRAIN LINE FOR EACH BASIN FOR MULTI-BASIN PREP SINKS. NO MANIFOLDS PERMITTED.

5 P6.01 FLOOR SINK DETAIL
NOT TO SCALE

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

6 P6.01 FLOOR DRAIN DETAIL
NOT TO SCALE

7 P6.01 EYEWASH DETAIL
NOT TO SCALE

8 P6.01 HUB DRAIN INSTALLATION DETAIL
NOT TO SCALE

9 P6.01 OVERHEAD REFRIGERATION PIPING DETAIL
NOT TO SCALE

10 P6.01 OVERHEAD REFRIGERATION PIPING DETAIL
NOT TO SCALE

11 P6.01 OVERHEAD REFRIGERATION DRIP PAN DETAIL
NOT TO SCALE

| 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. INSTALL ONE HANGER PER EVAPORATOR DRAIN IN THE PRODUCE & MEAT PREP. ROOMS. |
| 5. SLOPE IN COOLER 1/4"/FOOT TO HUB DRAIN. SLOPE IN FREEZER 3"/FOOT TO HUB DRAIN. |
| 6. EACH EVAPORATOR SHALL HAVE ITS OWN DRAIN LINE RUNNING TO HUB DRAIN. |

12 P6.01 TYPICAL CONDENSATE DRAINS
NOT TO SCALE

13 P6.01 TWO WAY CLEANOUT SECTION IN ASPHALT
NOT TO SCALE


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I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland, License No. 41658, expiration date: 02/19/2022."

STATE OF MARYLAND MICHAEL D. BOWERS 41658 PROFESSIONAL ENGINEER
02/14/2020

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File Name: 1238 P6.01_00.dwg
**Date: 02-14-20**
Revisions:

PLUMBING SCHEDULE

Plumbing
**P6.01**
YCH Commission Number
**19032.00**


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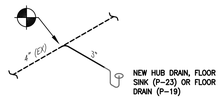
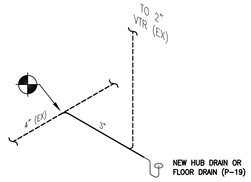
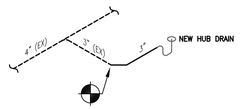


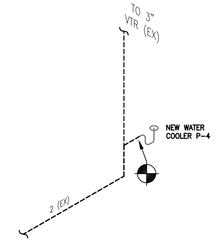

1 P7.01 TYPICAL NEW DRAIN WASTE RISER DIAGRAM
NOT TO SCALE



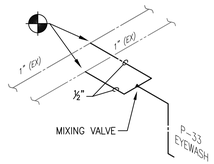

2 P7.01 TYPICAL NEW DRAIN WITH A VENT WASTE RISER DIAGRAM
NOT TO SCALE



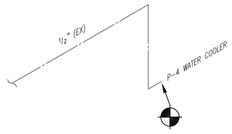

3 P7.01 TYPICAL HUB DRAIN RELOCATION WASTE RISER DIAGRAM
NOT TO SCALE



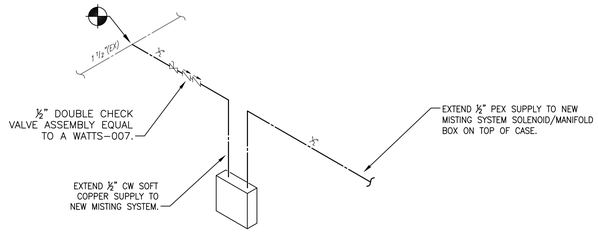

4 P7.01 TYPICAL NEW WATER COOLER WASTE RISER DIAGRAM
NOT TO SCALE




5 P7.01 TYPICAL EYE WASH WATER RISER DIAGRAM
NOT TO SCALE




6 P7.01 TYPICAL NEW WATER COOLER WATER RISER DIAGRAM
NOT TO SCALE




7 P7.01 MISTING SYSTEM WATER RISER DIAGRAM
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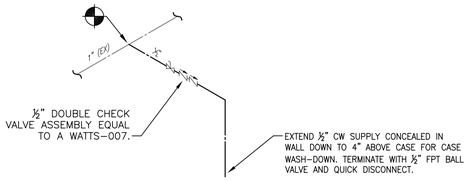


8 P7.01 WASH DOWN WATER RISER DIAGRAM
NOT TO SCALE

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I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland, License No. 41658, expiration date: 02/19/2022."

STATE OF MARYLAND
S. MICHAEL D. BOWERS
41658
PROFESSIONAL ENGINEER
02/14/2020

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1238FLMK20

File Name:
1238 P7.01_00.dwg

**Date: 02-14-20**

Revisions:

PLUMBING
RISER DIAGRAMS

Plumbing
**P7.01**
YCH Commission Number
**19032.00**

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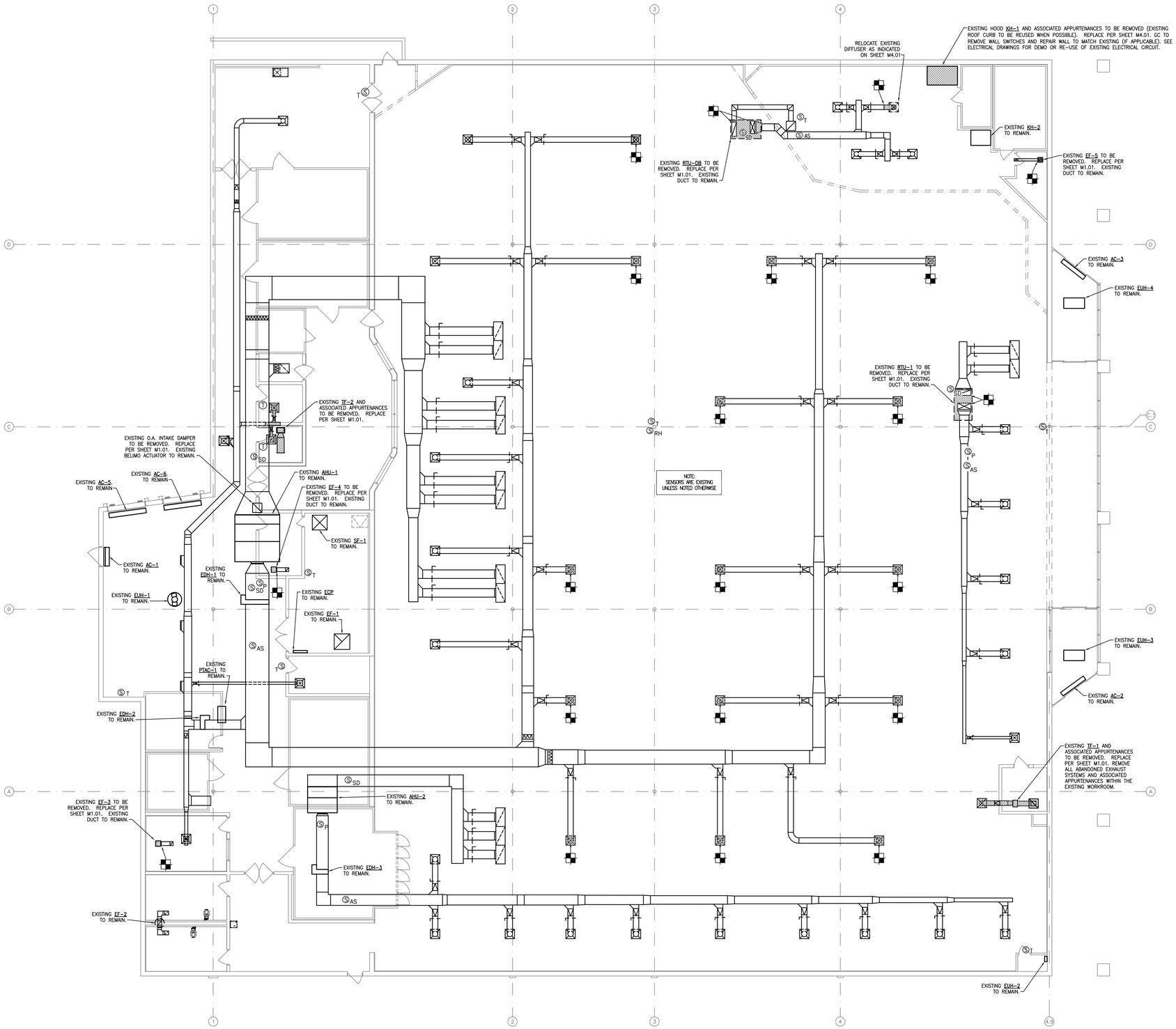


1 M0.01 MECHANICAL DEMOLITION PLAN
SCALE: 3/32" = 1'-0"

## DEMOLITION NOTES

1. MECHANICAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WITH DEMOLITION WORK. DIFFUSERS, GRILLES, DAMPERS, DUCT HEATERS, FANS, ETC. SHALL BE SALVAGED AS INDICATED ON PLAN FROM AREAS SCHEDULED FOR DEMOLITION.
2. SALVAGED EQUIPMENT MAY BE RE-USED OR RELOCATED WHEN INDICATED PER SHEET M1.01. UNUSED ITEMS SHALL BE RETURNED TO FOOD LION.
3. ALL EXISTING MECHANICAL EQUIPMENT SHALL REMAIN UNLESS NOTED OTHERWISE.
4. MECHANICAL CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING ALL OLD SMOKE DETECTORS. ONCE SYSTEM HAS BEEN SWITCHED OVER TO FIRE ALARM CONTACT, MECHANICAL CONTRACTOR WILL NOTIFY GENERAL CONTRACTOR IN WRITING. MECHANICAL CONTRACTOR 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.

## SYMBOL LEGEND

- 20x20 — EXISTING DUCTWORK TO REMAIN – SIZE AS INDICATED. FIRST DIMENSION IS FACE OF DUCT SHOWN ON PLAN.
- EXISTING DUCTWORK TO BE REMOVED.
- MOD — MOTOR OPERATED DAMPER
- MANUAL VOLUME DAMPER
- LIMIT OF REMOVED AND/OR ABANDONED DUCTWORK

## SENSOR LEGEND

| | | | |
|---|---|---|---|
| (S)SD | SMOKE DETECTOR | (S)RH | RELATIVE HUMIDITY |
| (S)T | TEMPERATURE | (S)P | AIR PRESSURE SWITCH |
| (T) | THERMOSTAT | (S)AS | DISCHARGE AIR SENSOR |

## ABBREVIATIONS

| | |
|---|---|
| AHU | AIR HANDLING UNIT |
| A.F.F. | ABOVE FINISHED FLOOR |
| O.A. | OUTSIDE AIR |
| S.A. | SUPPLY AIR |
| R.A. | RETURN AIR |
| RTU | ROOFTOP UNIT (AIR CONDITIONING) |

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STATE OF MARYLAND · S. MICHAEL D. BOWERS · 41658 · PROFESSIONAL ENGINEER
02/14/2020

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**Date: 02-14-20**
Revisions:

MECHANICAL DEMOLITION PLAN

Mechanical
**M0.01**
YCH Commission Number
**19032.00**

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1 M1.01 MECHANICAL FLOOR PLAN
SCALE: 3/32" = 1'-0"

## RENOVATION NOTES

1. M.C. SHALL FIELD VERIFY ALL EXISTING CONDITIONS AT THE JOB SITE PRIOR TO BEGINNING WORK. NOTIFY FOOD LION CONSTRUCTION SUPERVISOR OF ANY DISCREPANCIES.
2. FOR TRANSVERSE JOINTS 12" WIDE AND LARGER, PROPRIETARY DUCT CONNECTORS SHALL BE DUCT MATE OR WARD AND INSTALLED IN COMPLETE ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, DUCT SEALANT TO BE DUCT MATE 440 GASKET TYPE OR EQUAL. ALL DUCTWORK SHALL BE CONSTRUCTED TO A 2" PRESSURE CLASS. FOR TRAVERSE JOINTS 11" WIDE OR SMALLER, THE ABOVE MAY BE USED, OR REFER TO SMACNA TO DETERMINE PROPER DUCT CONSTRUCTION FOR THE SPECIFIED PRESSURE CLASS.
3. ALL DUCTWORK WITH A WIDTH DIMENSION OF 46" OR LARGER SHALL BE SUPPORTED WITH TRAPEZE TYPE HANGERS. SUPPORTS SHALL BE ATTACHED TO DUCTWORK PRIOR TO APPLICATION OF EXTERNAL INSULATION. INSULATION SHALL BE APPLIED TO COMPLETELY COVER DUCTWORK AND SUPPORTS.
4. DUCTS CONNECTING TO NEW AND/OR RELOCATED DIFFUSERS SHALL BE INLET SIZE OF DIFFUSER. PROVIDE VOLUME DAMPER FOR BRANCH TAKEOFF AS INDICATED ON PLAN.
5. ALL LONGITUDINAL SEAMS AND NON-GASKETED TRANSVERSE JOINTS SHALL BE EXTERNALLY SEALED WITH HIGH PRESSURE DUCT SEALER BY UNITED McGILL OR EQUAL. SEALER SHALL BE APPLIED BY M.C. AND APPROVED BY FOOD LION CONSTRUCTION SUPERVISOR BEFORE DUCT INSULATION IS INSTALLED.
6. ALL NEW DUCT SIZES SHOWN ARE "INSIDE-CLEAR" DIMENSIONS. ALL NEW DUCTWORK SHALL HAVE 2", 3/4 PCF, EXTERNALLY WRAPPED INSULATION WITH VAPOR BARRIER (SEE SPECIFICATIONS). ROUTE ALL NEW DUCTWORK AS TIGHT TO ROOF JOISTS AS PRACTICAL. COORDINATE ROUTING TO AVOID CONFLICTS WITH OTHER TRADES.
7. FLEXIBLE DUCT MAY BE USED AT END OF RUNOUTS IN LENGTHS NOT EXCEEDING 4'-0". INSTALL PER SMACNA STANDARDS (SEE SPECIFICATIONS).
8. PROVIDE 90° METAL (24 GA. MINIMUM) DUCT ELBOW WITH 4 PIECE GORE AT ALL CEILING DIFFUSER/GRILLE-TO-FLEX DUCT CONNECTIONS.
9. M.C. SHALL VERIFY SIZE OF EXISTING DUCTWORK SCHEDULED TO REMAIN. EQUIPMENT OPENINGS AS REQUIRED FOR PROPER CONNECTION OF NEW TO EXISTING.
10. M.C. SHALL INSPECT AND REPAIR DUCTWORK AS REQUIRED TO PROVIDE A TIGHT AIR DISTRIBUTION SYSTEM. M.C. SHALL CAP AND INSULATE ALL OPEN DUCT TERMINATIONS AND OTHER OPENINGS IN EXISTING DUCTWORK DIRECTLY RESULTING FROM OR INCIDENTAL TO DEMOLITION. ALL SUPPLY AND RETURN OUTLETS SHALL BE BALANCED TO THE AIR FLOW QUANTITIES SHOWN ON DRAWINGS.
11. M.C. SHALL COORDINATE ALL WORK WITH OTHER TRADES TO AVOID CONFLICTS.
12. COORDINATE ALL DIFFUSER AND GRILLE LOCATIONS WITH CEILING GRID AS SHOWN ON ARCHITECTURAL DRAWINGS.
13. TEMPERATURE AND HUMIDITY SENSORS AND CONTROLS SHALL BE MOUNTED @ 5'-8" A.F.F. U.N.O. VERIFY MOUNTING HEIGHTS, LOCATIONS, AND CONTROL SETTINGS WITH PROPER FOOD LION CONSTRUCTION SUPERVISOR.
14. CONTROL WIRING FOR NEW SENSORS, MOTORIZED DAMPERS, ETC. TO BE FURNISHED AND INSTALLED BY M.C. CONTROL WIRING SHALL BE ROUTED TO ECP/EMCC PANELS UNLESS OTHERWISE INDICATED. E.C. SHALL PROVIDE CONDUIT SYSTEM WITH PULL STRINGS. COORDINATE CONTROL WORK WITH PROPER FOOD LION CONSTRUCTION SUPERVISOR.
15. EXISTING MOTOR STARTER CONTROLS FOR THE MACHINE ROOM TO BE WIRED TO ECP.
16. ALL SENSOR CONTROL WIRING SHALL BE SHIELDED (MINIMUM #22 AWG OR LARGER). CONTROL WIRING SHALL BE STRANDED (#14 AWG). DO NOT MIX SENSOR CABLE AND CONTROL WIRING IN SAME CONDUIT.
17. M.C. TO COORDINATE DUCTWORK SIZES WITH CLEARANCES ABOVE CEILING. M.C. TO NOTIFY PROPER FOOD LION CONSTRUCTION SUPERVISOR OF ANY CONFLICTS.
18. REFER TO SPECIFICATIONS, DIVISION 23 SECTIONS FOR ADDITIONAL MECHANICAL REQUIREMENTS.
19. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR CONNECTING/RECONNECTING AHU DRAINS.
20. ALL EXHAUST HOODS SHALL BE INSTALLED 6'-8" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
21. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LABOR, MATERIAL AND WORKMANSHIP INSTALLED BY HIM UNDER THIS SECTION OF THE SPECIFICATIONS AND TO CORRECT ANY DEFICIENCIES ADJUDGED BY FOOD LION. THIS GUARANTEE SHALL EXTEND FOR A PERIOD OF NOT LESS THAN TWELVE (12) MONTHS FROM THE DATE OF THE FINAL PROJECT ACCEPTANCE BY FOOD LION, AGAINST ANY DEFECTS OR SYSTEM FAILURE. ALL EQUIPMENT MANUFACTURERS' WARRANTIES WHICH EXTEND BEYOND THE FIRST TWELVE (12) MONTHS SHALL BE TRANSFERRED TO FOOD LION. HOWEVER, IT SHALL BE UNDERSTOOD BY ALL PARTIES CONCERNED THAT THE WARRANTIES PERTAIN ONLY TO FURNISHING OF MATERIAL BY THE MANUFACTURER AND SHALL NOT INCLUDE REPLACEMENT LABOR COSTS, UNLESS OTHERWISE DESCRIBED BY THE MANUFACTURER.

## SENSOR LEGEND

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

NOTES:
1. THE E.C. IS 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 SESCO OR ENERGY TEAM MEMBER.
2. MC SHALL PROVIDE (1) PAIR OF CONTROL WIRES FROM EACH EXISTING AND OR NEW REFRIGERATION RACK TO THE EXISTING AND/OR NEW ECP FOR RECLAIM HEAT STAGING. EC SHALL PROVIDE REQUIRED CONDUIT. EMS PERSONNEL SHALL MAKE FINAL TERMINATION AND PANEL MODIFICATIONS AS REQUIRED.
3. NEW AND/OR EXISTING SENSORS, CONTROLS, ETC. WITH NEW WIRING AND CONNECTIONS TO ECP/EMCC AS APPLICABLE.

## ABBREVIATIONS

| | | | |
|---|---|---|---|
| AHU | AIR HANDLING UNIT | OA | OUTSIDE AIR |
| AFF | ABOVE FINISHED FLOOR | RTU | ROOFTOP UNIT (AIR CONDITIONING) |

## SYMBOL LEGEND

- 20x20 — NEW DUCTWORK – SIZE AS INDICATED FIRST DIMENSION IS FACE OF DUCT SHOWN ON PLAN.
- EDH — ELECTRIC DUCT HEATER
- VOLUME DAMPER
- EXISTING DUCTWORK RE-USED IN PLACE.
- MOD — MOTOR OPERATED DAMPER (NEW OR EXISTING AS INDICATED)
- CONNECT TO EXISTING
- U — UNDERCUT DOOR
- NEW SUPPLY DIFFUSER
- NEW RETURN GRILLE
- R — RE-USED/RELOCATED EXISTING DIFFUSER

## EMS REMODEL NOTES

1. ALL CONTROL WIRING PROVIDED BY THE MECHANICAL CONTRACTOR IS TO BE 14 GA. STRANDED. BX CABLE IS NOT ALLOWED. ALL SHIELDED CABLE IS TO BE 22 GA. OR LARGER. ALL WIRING SHALL BE IN CONDUIT PROVIDED BY ELECTRICIAN. SENSOR CABLE CANNOT BE IN THE SAME CONDUIT AS THE CONTROL WIRING. TERMINATIONS FOR THE MECHANICAL CONTROLS BY MECHANICAL CONTRACTOR.
2. WHEN DIRECTED BY DELHAIZE AMERICA SHARED SERVICES GROUP, L.L.C, M.C. WILL BE RESPONSIBLE FOR REMOVING ALL OLD SMOKE DETECTORS. ONCE SYSTEM HAS BEEN SWITCHED OVER TO FIRE ALARM CONTACT, SESCO WILL NOTIFY G.C. IN WRITING. M.C. 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 WIRING TROUGH AND CAPPED OFF WITH WIRE NUTS.

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"PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland, License No. 41658, expiration date: 02/19/2022."

STATE OF MARYLAND — SAMUEL D. BOWERS — 41658 — PROFESSIONAL ENGINEER
02/14/2020

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File Name: 1238 M1.01_00.dwg
**Date: 02-14-20**
Revisions:

MECHANICAL FLOOR PLAN

Mechanical
**M1.01**
YCH Commission Number
**19032.00**

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## CONTROL LEGEND

| | | | |
|---|---|---|---|
| (S)SD | 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/EMCC 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. EXTERNAL INSULATION FOR KITCHEN HOOD EXHAUST DUCT SHALL BE EQUAL TO TWO LAYERS OF 1½" THICK, 6 pcf DENSITY DUCT WRAP EQUIVALENT TO 3M FIRE BARRIER DUCT WRAP 615+ (KITCHEN HOOD AND RACK OVEN EXHAUST).
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. THE MANUAL ACTUATION SHALL REQUIRE A MAXIMUM 40 POUNDS FORCE AND A MAXIMUM 14 INCHES LENGTH OF PULL TO ACTUATE THE FIRE SUPPRESSION SYSTEM.

## DELI/BAKERY FIRE SUPPRESSION HOOD PRE-TEST AND 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.

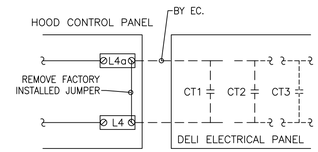
NOTE TO GC:
HOOD PERFORMANCE TEST AND, IN SOME INSTANCES, AIR BALANCE OF HOOD EXHAUST FAN WILL BE REQUIRED. IT IS THE RESPONSIBILITY OF THE PERMIT HOLDER, MECH. CONTRACTOR, TO PROVIDE THIS SERVICE. THIS SERVICE MUST BE PRE-PLANNED SO THAT NO DELAYS WILL OCCUR TO DELI RE-OPENING.

## DELI HOOD INSTALLATION & TESTING RESPONSIBILITIES

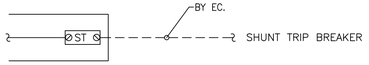
| ACTION TO BE TAKEN | RESPONSIBLE PARTY | | | | | REMARKS |
|---|---|---|---|---|---|---|
| | GC | EC | MC | FAC | THROUGH SESCO | |
| WIRE CT | | X | | | | SEE WIRING DIAGRAM #1; CT TO BE ORDERED FROM SESCO |
| WIRE SHUNT | | X | | | | SEE DIAGRAM ON CA MAIN SHEET; REFER TO HOOD WIRING #2 |
| SET TIME 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 JURISDICTIONS 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. DEMOLITION – 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.

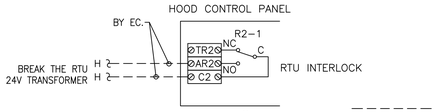
NOTES:
1. ALL ELEC. APPLIANCES, EC TO ROUTE 1-LEG OF POWER FOR EACH APPLIANCE THROUGH CT1.
2. GAS APPLIANCES, 1 CT PER APPLIANCE. EC TO WRAP 1 LEG OF POWER AROUND HOLE IN CT, MIN. 10 TIMES.




### HOOD WIRING #1



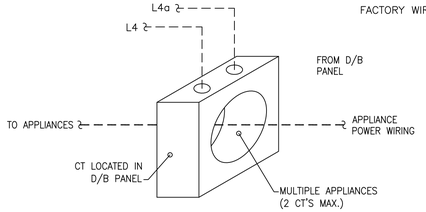

### HOOD WIRING #2



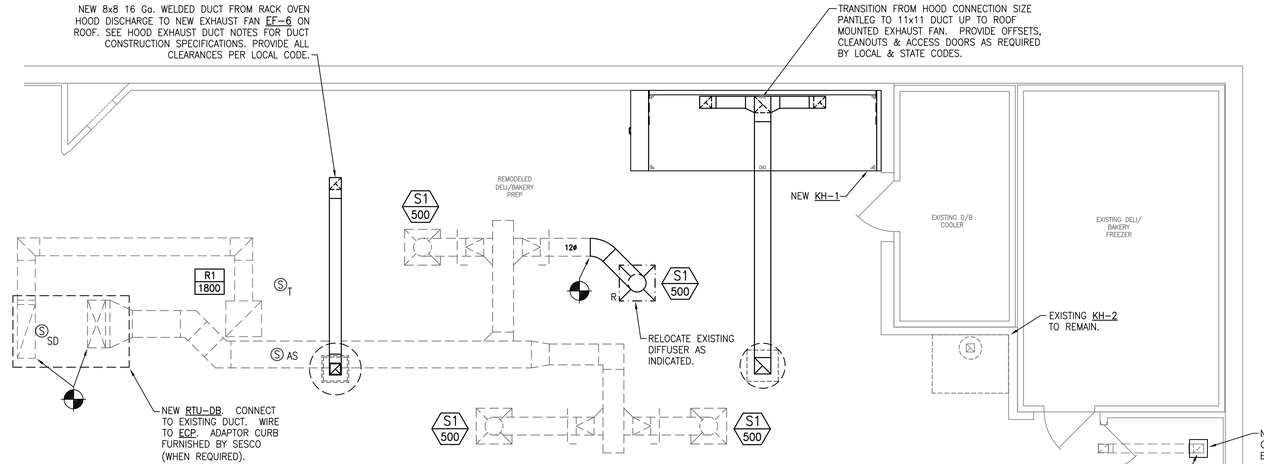

### HOOD WIRING #3

FIELD WIRING

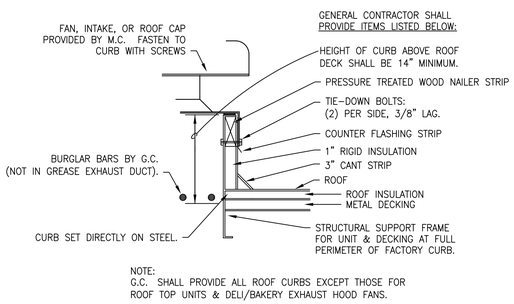
FACTORY WIRING




2 M4.01 HOOD WIRING DIAGRAMS
NOT TO SCALE

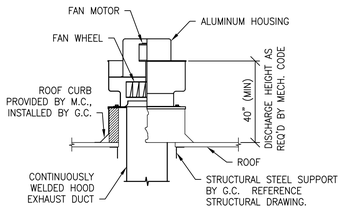



1 M4.01 DELI/BAKERY MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



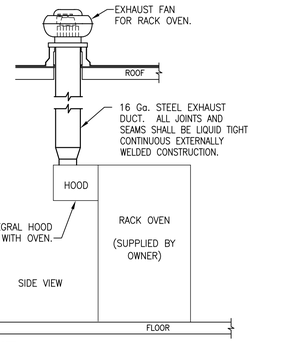

NOTE:
G.C. SHALL PROVIDE ALL ROOF CURBS EXCEPT THOSE FOR ROOF TOP UNITS & DELI/BAKERY EXHAUST HOOD FANS.

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



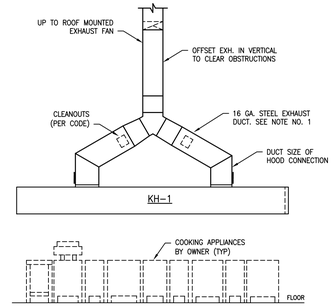

NOTES:
1. ALL DELI/BAKERY HOOD EXHAUST FANS SHALL BE 10'-0" HORIZONTALLY OR 3'-0" VERTICALLY FROM ANY PARAPET WALL. COORDINATE WITH LOCAL & STATE CODE AND OWNER'S REPRESENTATIVE.
2. SECURE FAN TO ROOF CURB.

4 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.

6 M4.01 RACK OVEN EXHAUST INSTALLATION DETAIL
NOT TO SCALE




5 M4.01 DELI HOOD EXHAUST PANTLEG DETAIL
NOT TO SCALE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I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland, License No. 41658, expiration date: 02/19/2022."

STATE OF MARYLAND · MICHAEL D. BOWERS · 41658 · PROFESSIONAL ENGINEER
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File Name:
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Date: 02-14-20
Revisions:

DELI/BAKERY RENOVATION PLAN

Mechanical
M4.01
YCH Commission Number
19032.00


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## HOOD INFORMATION – Job#3962176

| HOOD NO. | TAG | MODEL | LENGTH | MAX. COOKING TEMP. | APPLIANCE DUTY | DESIGN CFM/ft | TOTAL EXH. CFM | EXHAUST PLENUM RISER(S) WIDTH | LENG. | HEIGHT | DIA. | CFM | VEL. | S.P. | HOOD CONSTRUCTION | HOOD CONFIG. END TO END | ROW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5424 V-ND-2 | 12' 9" | 450 Deg. | Medium | 105 | 1339 | 8" | 8" | 4" | | 669 | 1505 | -0.200" | 430 SS Where Exposed | ALONE | ALONE |
| | | | | | | | | 8" | 8" | 4" | | 669 | 1505 | -0.200" | | | |

## HOOD INFORMATION

| HOOD NO. | TAG | FILTER(S) TYPE | QTY. | HEIGHT | LENGTH | EFFICIENCY @ 7 MICRONS | LIGHT(S) QTY. | TYPE | WIRE GUARD | UTILITY CABINET(S) LOCATION | SIZE | FIRE SYSTEM TYPE | FIRE SYSTEM SIZE | ELECTRICAL MODEL # | SWITCHES QUANTITY | FIRE SYSTEM PIPING | HOOD HANGING WGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | SS Baffle with Handles | 9 | 16" | 16" | 30% | 7 | L55 Series E26 | NO | Left | 12"x54"x24" | Ansul R102 | 3.0 | SC-11011002-FL | 1 Light 1 Fan | YES | 696 LBS |

## HOOD OPTIONS

| HOOD NO. | TAG | OPTION |
|---|---|---|
| 1 | | FIELD WRAPPER 17.00" High Front, Left |
| | | BACKSPLASH 48.00" High X 168.00" Long 430 SS Horizontal |
| | | RIGHT END STANDOFF 3" Wide 54" Long |
| | | RIGHT SIDESPLASH 48.00" High X 54.00" Long 430 SS Horizontal |
| | | BACKSPLASH – INSIDE CORNER 80.00" High X 2.00" Leg Length 430 SS Vertical |
| | | RIGHT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS |
| | | LEFT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS |

## Fire System Information – Job#3962176

| FIRE SYSTEM NO. | Tag | TYPE | SIZE | FLOW POINTS | INSTALLATION SYSTEM | INSTALLATION LOCATION ON HOOD |
|---|---|---|---|---|---|---|
| 1 | | Ansul R102 | 3.0 | 3 | Fire Cabinet Left | Left |

## EXHAUST FAN INFORMATION – Job#3962176

| FAN UNIT NO. | TAG | FAN UNIT MODEL # | CFM | ESP. | RPM | H.P. | B.H.P. | ø | VOLT | FLA | DISCHARGE VELOCITY | WEIGHT (LBS.) | SONES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | DU85HFA | 1339 | 0.600 | 1014 | 1.000 | 0.2060 | 1 | 115 | 10.2 | 424 FPM | 92 | 9.3 |

## FAN OPTIONS

| FAN UNIT NO. | TAG | OPTION (Qty. – Descr.) |
|---|---|---|
| 1 | | 1 – Grease Box |
| | | 1 – ECM Wiring Package–Exhaust – Manual or 0–10VDC Reference Speed Control (NIDEC Motor) |

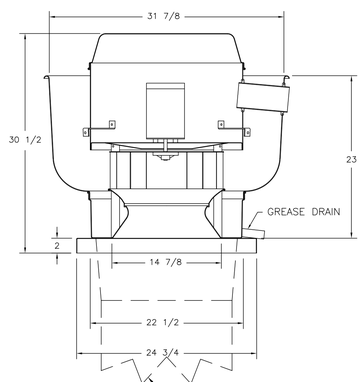
## FAN ACCESSORIES

| FAN UNIT NO. | TAG | EXHAUST GREASE CUP | EXHAUST GRAVITY DAMPER | EXHAUST WALL MOUNT | SUPPLY SIDE DISCHARGE | SUPPLY GRAVITY DAMPER | SUPPLY MOTORIZED DAMPER | SUPPLY WALL MOUNT |
|---|---|---|---|---|---|---|---|---|
| 1 | | YES | | | | | | |

## CURB ASSEMBLIES

| NO. | ON FAN | WEIGHT | ITEM | SIZE |
|---|---|---|---|---|
| 1 | # 1 | 44 LBS | Curb | 23.000"W x 23.000"L x 26.000"H Vented Hinged |

FAN #1 DU85HFA – EXHAUST FAN




### FEATURES:

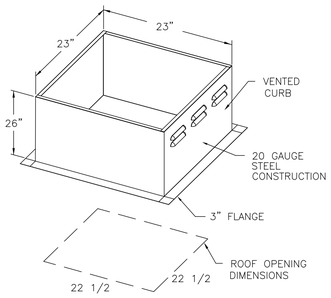
- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS)
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762 AND ULC–S645
- VARIABLE SPEED CONTROL
- INTERNAL WIRING
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE)
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE–UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

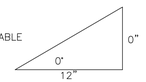
OPTIONS

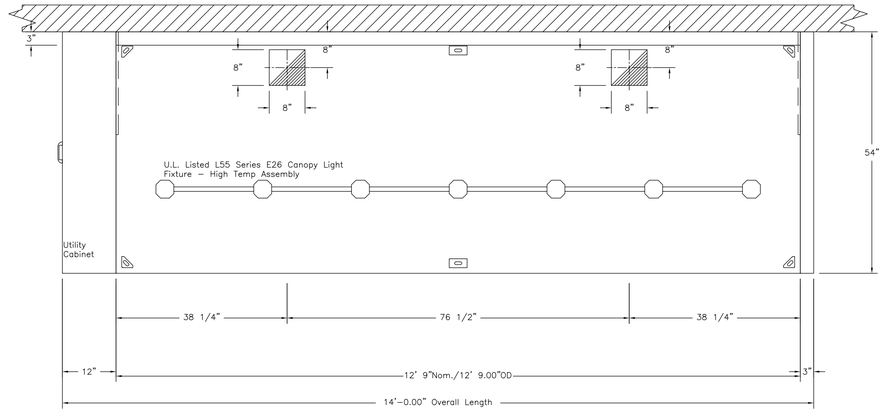
GREASE BOX.
ECM WIRING PACKAGE–EXHAUST – MANUAL OR 0–10VDC REFERENCE SPEED CONTROL (NIDEC MOTOR).



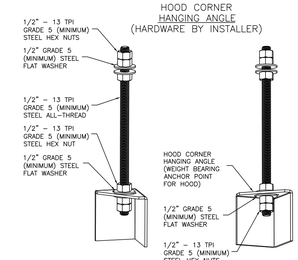

PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

SPECIFY PITCH:
EXAMPLE: 7/12 PITCH = 30° SLOPE



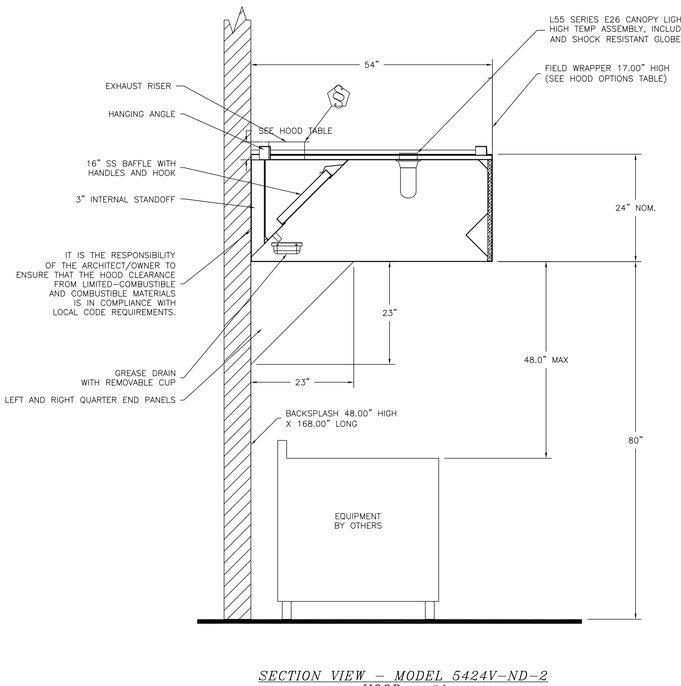




PLAN VIEW – Hood #1
12' 9.00" LONG 5424V–ND–2
NOTE: Additional hanging angles provided for hoods 12' and longer.




### ASSEMBLY INSTRUCTIONS

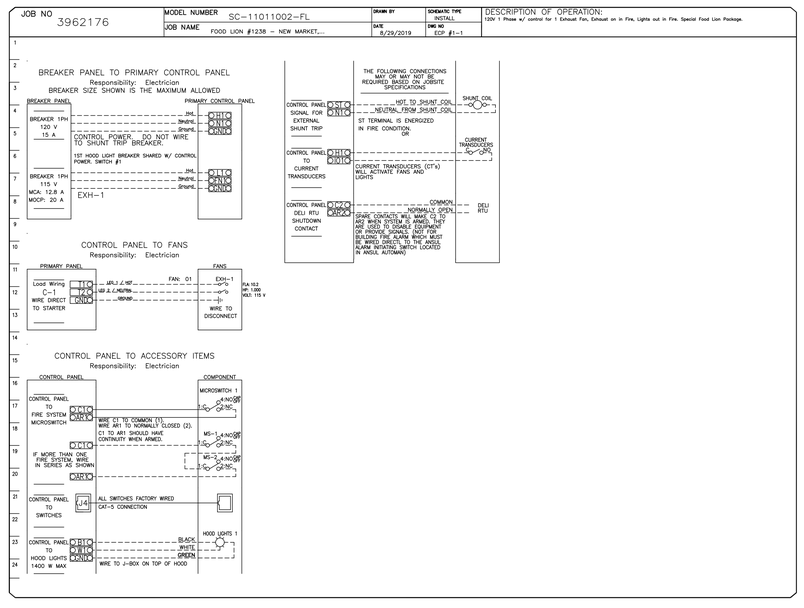
HANGING ANGLE MUST BE SUPPORTED WITH 1/2" – 13 TPI GRADE 5 (MINIMUM) ALL–THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" – 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT–LBS.

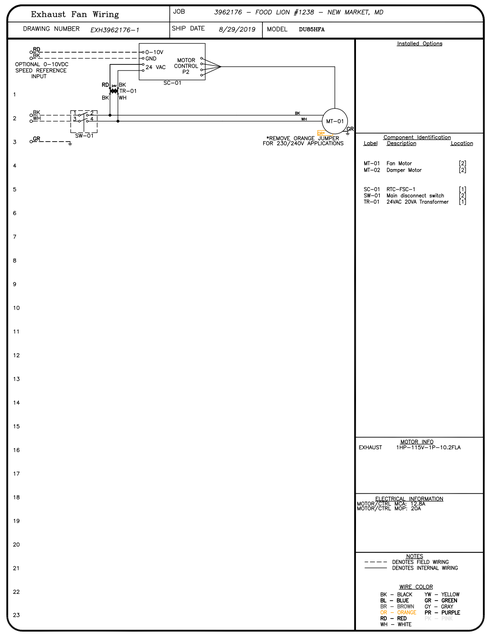



SECTION VIEW – MODEL 5424V–ND–2
HOOD – #1

## ELECTRICAL PACKAGE – Job#3962176

| NO. | TAG | PACKAGE # | LOCATION | SWITCHES LOCATION | SWITCHES QUANTITY | OPTION | FANS CONTROLLED TYPE | ø | H.P. | VOLT | FLA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | SC–11011002–FL | Utility Cabinet Left | 03 – Utility Cabinet Left | 1 Light | Smart Controls Basic | Exhaust | 1 | 1.000 | 115 | 10.2 |
| | | | | Hood # 1 | 1 Fan | | | | | | |





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Project No.: 1238FLMK20

File Name: 1238 M4.02_00.dwg

**Date: 02-14-20**

Revisions:

DELI/BAKERY AND SEAFOOD HOOD DETAILS

Mechanical

# M4.02

YCH Commission Number

**19032.00**


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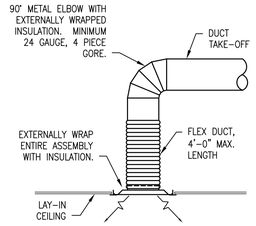
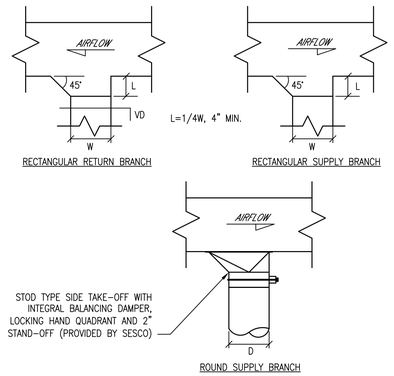
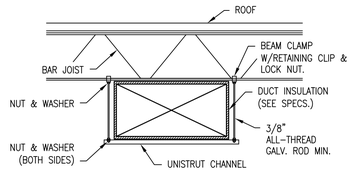
INFORMATION CONTAINED ON THIS SHEET PROVIDED BY MANUFACTURER




1 M5.01 SUPPLY DIFFUSER INSTALLATION DETAIL
NOT TO SCALE



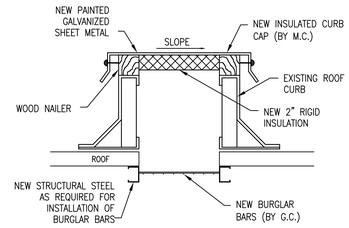

2 M5.01 TYPICAL DUCT BRANCH TAKEOFF
NOT TO SCALE



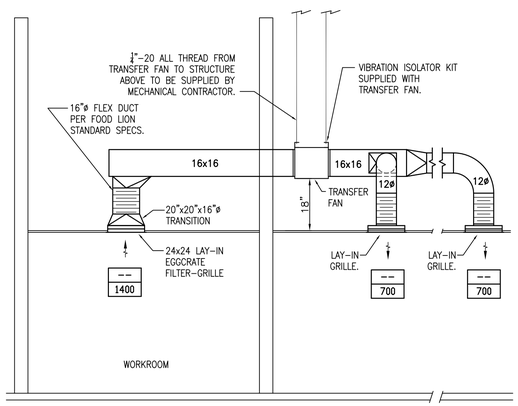

NOTE:

- DUCT SHALL BE INSTALLED AND HANGERS SPACED AS RECOMMENDED BY MANUFACTURER (NOT TO EXCEED 8'-0" SPACING).
- THIS DETAIL TO BE USED FOR MAIN & BRANCH DUCT RUNS. DO NOT APPLY THIS DETAIL TO TRANSFER FAN INSTALLATIONS.

3 M5.01 RECTANGULAR DUCT HANGER DETAIL
NOT TO SCALE



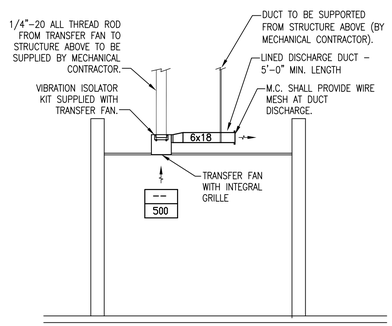

4 M5.01 WEATHERPROOF INSULATED CURB CAP DETAIL
NOT TO SCALE




NOTE:

1. TRANSFER FAN TO BE WIRED TO WORKROOM LIGHTING CIRCUIT. ENSURE THAT THE WORKROOM LIGHTING CIRCUIT IS ON EMS LOAD 1. IF THE CIRCUIT IS NOT ON LOAD 1, E.C. IS TO ADD IT AND A CONTACTOR (IF NEEDED) TO LOAD 1.
2. TRANSFER FAN SHALL BE MOUNTED OUTSIDE OF THE WORKROOM OFFICE PERIMETER.
3. SUPPLY DIFFUSERS TO BE A MINNIMUM OF 10'-0" AWAY FROM DOOR.
4. BOTTOM OF TRANSFER FAN TO BE MOUNTED A MAXIMUM OF 18" ABOVE CEILING GRID FOR SERVICE ACCESS.
5. SUPPLY & RETURN DUCT TO BE INTERNALLY LINED WITH 1/2" THK. ARMACELL AP ARMAFLEX OR EQUAL.

5 M5.01 WORKROOM TRANSFER FAN INSTALLATION DETAIL
NOT TO SCALE




NOTES:

1. SUPPORT AREA TRANSFER FAN SHALL BE CONTROLLED BY A WALL MOUNTED INLINE VOLTAGE THERMOSTAT SET AT 72°F.
2. DISCHARGE DUCT TO BE INTERNALLY LINED WITH 1/2" THK. ARMACELL AP ARMAFLEX OR EQUAL.

6 M5.01 P.C. TRAINING/MGR. OFFICE TRANSFER FAN INSTALLATION DETAIL
NOT TO SCALE

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02/14/2020

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**Date: 02-14-20**
Revisions:

MECHANICAL DETAILS

Mechanical
**M5.01**
YCH Commission Number
**19032.00**

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**Concord, NC 28027**
**704 . 788 . 2000**
**ycharch.com**

## ROOFTOP UNIT SCHEDULE

| MARK | MANUFACTURER/MODEL NO. | SERVICE | NOMINAL COOLING (TONS) | SUPPLY FAN DATA | | | | COOLING COIL DATA | | | | ELEC. HEAT DATA | | FILTER DATA | COND. FAN DATA | | COMPRESSOR DATA | | | | UNIT ELECTRICAL DATA | | | WEIGHT (LB) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | SUPPLY (CFM) | O.A. (CFM) | MOTOR (HP) | E.S.P. (IN WG) | EAT DB/WB | LAT DB/WB | TOTAL (MBH) | SEN. (MBH) | KW | STAGES | SIZE | NO. | HP | NO. | HP | RLA | LRA | VOLTS/PH | MCA | MOCP | | |
| RTU-DB | TRANE / TSC060 | DELI/BAKERY | 5.0 | 2000 | 200 | 1.0 | 0.60 | 80/67 | -- | 60 | 49 | 13.1 | 2 | (2)20x35x2 | 1 | 0.40 | 1 | 4.3 | 15.9 | 110 | 208/3 | 54 | 60 | 700 | 1 - 6 |
| RTU-1 | TRANE / THC092 | FRONT | 7.5 | 3000 | 300 | 1.0 | 0.60 | 80/67 | -- | 92 | 68.6 | 20.3 | 2 | (4)20x25x2 | 1 | 0.75 | 2 | 4.1/2.4 | 15.9/10 | 110/71 | 208/3 | 81 | 90 | 1100 | 1 - 6 |

NOTES:
1. STANDARD FACTORY CONTROLS. UNIT CAPACITY BASED ON ARI RATING CONDITIONS.
2. ROOF CURB FOR NEW INSTALLATIONS (INCLUDED IN UNIT WEIGHT) AND COIL GUARDS.
3. EXISTING ROOF CURB TO BE USED WHEN POSSIBLE. ADAPTOR CURB FURNISHED BY SESCO (WHEN REQUIRED).
4. M.C. TO PROVIDE START-UP SERVICES FOR NEW ROOF TOP UNITS.
5. MOTORIZED O.A. DAMPER, 0-25%, WITH INTAKE HOOD.
6. PROVIDE THROUGH THE BASE SINGLE POINT POWER CONNECTION & UNPOWERED CONVENIENCE OUTLET.

## AIR HANDLING UNIT SCHEDULE

| MARK | MANUFACTURER/MODEL NO. | SERVICE | FAN DATA | | | | | COOLING DATA | | | | | HEATING DATA | | | FILTER DATA | | APPROX. WEIGHT (LBS) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | SUPPLY (CFM) | O.A. (CFM) | T.S.P. (IN WG) | MOTOR (HP) | VOLTS/PH | EAT DB/WB | LAT DB/WB | DX COIL (MBH) | TOTAL (MBH) | SENSIBLE (MBH) | EAT (F°) | LAT (F°) | CAPACITY (MBH) (KW) | (QTY.) SIZE | TYPE | | |
| AHU-1 | WITT / HL31FL | SALES AREA | 20040 | 4000 | -- | -- | 208/3 | -- | -- | -- | -- | -- | SEE HEAT RECLAIM COIL SCHEDULE | | | -- | THROWAWAY | -- | 1 |
| AHU-2 | WITT / HN14FL | COLD AISLE | 7150 | -- | -- | -- | 208/3 | -- | -- | -- | -- | -- | SEE HEAT RECLAIM COIL SCHEDULE | | | -- | THROWAWAY | -- | 1 |

NOTES:
1. EXISTING TO REMAIN. M.C. TO CLEAN EXISTING COILS. DATA PROVIDED IS PER AS-BUILT DRAWINGS AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

## CONDENSING UNIT SCHEDULE

| MARK | MANUFACTURER/MODEL NO. | SERVICE | FAN DATA | | COMPRESSOR DATA | | ELECTRICAL DATA | | | WEIGHT (LBS) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | NO. | HP | NO. | HP (EA.) | VOLTS/PH | MCA | MOCP | | |
| CU-1 | RUSSELL / VCD60H22DDM | AHU-1 | -- | -- | -- | -- | 208/3 | -- | -- | -- | 1 |

NOTE:
1. EXISTING TO REMAIN. M.C. TO CLEAN EXISTING COILS. DATA PROVIDED IS PER AS-BUILT DRAWINGS AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

## HEAT RECLAIM COIL SCHEDULE

| MARK | MANUFACTURER/MODEL NO. | SERVICE | AIRFLOW (CFM) | REFRIG. TYPE | REFRIG. CIRCUIT | TOTAL HEAT REJECTION (MBH) | RECLAIM HEAT (MBH) | COIL PIPING ORIENTATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| HRC-1 | WITT / -- | AHU-1 | SEE AHU | -- | A | -- | -- | -- | 1 |
| HRC-2 | WITT / -- | AHU-2 | SEE AHU | -- | B | -- | -- | -- | 1 |

NOTE:
1. EXISTING TO REMAIN. M.C. TO CLEAN EXISTING COILS. DATA PROVIDED IS PER AS-BUILT DRAWINGS AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

## 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 | |
| TF-1 | S&P / SQD1550 | WORKROOM | CEILING | INLINE | 1400 | 0.50 | 1050 | DIRECT | 0.50 | -- | 120/1 | 2 |
| TF-2 | COOK / GC642 | DEPT. MGR'S OFFICE | CEILING | CABINET | 500 | 0.25 | 1500 | DIRECT | -- | 174 | 120/1 | 2 |
| EF-1 | PENN / AC36TS | MECHANICAL ROOM | ROOF | PROPELLER | -- | -- | -- | -- | -- | -- | 208/3 | 1 |
| EF-2 | GREENHECK / G90DX | RESTROOMS | ROOF | -- | 660 | -- | -- | -- | -- | -- | 120/1 | 1 |
| EF-3 | COOK / GC342 | LOUNGE | CEILING | CABINET | 150 | 0.375 | 1561 | DIRECT | -- | 65.4 | 120/1 | 3 |
| EF-4 | COOK / GC322 | JANITOR CLOSET | CEILING | CABINET | 100 | 0.375 | 1468 | DIRECT | -- | 32.2 | 120/1 | 3 |
| EF-5 | COOK / GC342 | DELI/BAKERY CLOSET | CEILING | CABINET | 150 | 0.375 | 1561 | DIRECT | -- | 65.4 | 120/1 | 3 |
| EF-6 | CCOK / VCRD150 | RACK OVEN | ROOF | UPBLAST | 750 | 0.75 | 1260 | DIRECT | 0.334 | -- | 120/1 | 4 |
| SF-1 | PENN / AC36TE | MECHANICAL ROOM | ROOF | PROPELLER | -- | -- | -- | -- | -- | -- | 208/3 | 1 |

NOTES:
1. EXISTING TO REMAIN. DATA PROVIDED IS PER AS-BUILT DRAWINGS AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.
2. TRANSFER FAN SHALL HAVE PLUG DISCONNECT AND VIBRATION ISOLATOR KIT. TF-1 WIRED THROUGH LIGHTING CIRCUIT. TF-2/TF-3 CONTROLLED BY INLINE THERMOSTAT. MC IS RESPONSIBLE FOR INSTALLATION OF INCLUDED 1" AIR FILTER IN RETURN GRILLE ON WORKROOM TRANSFER FAN.
3. EXHAUST FAN SHALL HAVE PLUG DISCONNECT & WALL OR ROOF CAP WITH BIRDSCREEEN (REPLACE EXISTING CAP AS NECESSARY). M.C. TO INSTALL BALANCING DAMPER IN DUCT IF NOT EXISTING (FIELD VERIFY SIZE BEFORE ORDERING).
4. EXHAUST FAN SHALL HAVE NEMA DISCONNECT, UNIT MOUNTED SPEED CONTROLLER, HINGED BASE KIT, 12" GREASE TROUGH, ROOF CURB AND U.L. 762 LISTING.

## AIR-DISTRIBUTION SCHEDULE

| MARK | MANUFACTURER/MODEL NO. | MATERIAL | FRAME | TYPE | PANEL SIZE | CONN. SIZE | REMARKS |
|---|---|---|---|---|---|---|---|
| S1 | -- / -- | -- | -- | -- | -- | -- | 1 |
| S2 | METALAIRE / H4004-6 | ALUM. | LAY-IN | SUPPLY; DOUBLE DEFLECTION GRILLE | 24x24 | 16x16x14ø | 2 |
| S3 | METALAIRE / H4004-6 | ALUM. | LAY-IN | SUPPLY; DOUBLE DEFLECTION GRILLE | 24x24 | 14x14x12ø | 2 |
| S4 | METALAIRE / 5800-A | STEEL | SURFACE | SUPPLY; LOUVERED FACE | 24x24 | 8ø | 2 |
| R1 | -- / -- | -- | -- | -- | -- | -- | 1 |
| R2 | METALAIRE / CC5F-6 | ALUM. | LAY-IN | RETURN; GRILLE, FILTER BACK, 1/2x1/2x1/2 CORE | 24x24 | 20x20 | 2 |

NOTES:
1. EXISTING TO REMAIN. DATA PROVIDED IS PER AS-BUILT DRAWINGS AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. CLEAN & RE-USE.
2. COLOR OF DEVICES SHALL BE OFF-WHITE UNLESS NOTED OTHERWISE. SESCO TO PROVIDE SQUARE TO ROUND ADAPTER (WHEN REQUIRED).

## 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 | CAPTIVEAIRE / V-ND-2 | WALL MTD. | 12'9"x4'6" | WALL MTD. | | CAPTIVEAIRE / DU85HFA | 1340 | 0.60 | 1.0 | 1014 | 115/1 | 3, 4, 5 |
| KH-2 | VENTAIRE / WASW | WALL MTD. | 4'0"X3'0" | WALL MTD. | | PENN / FX13BHFT | 600 | -- | -- | -- | 115/1 | 1, 2 |

NOTES:
1. EXISTING TO REMAIN. DATA PROVIDED IS PER AS-BUILT DRAWINGS AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.
2. 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.
3. HOOD SHALL HAVE CONTROLS MOUNTED INSIDE HOOD FIRE CABINET AND 3" STAND-OFF.
4. 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.
5. HOOD SHALL BEAR THE FOLLOWING LABELS: UL, NSF, NFPA 96, BOCA, & SBCCS.

## AIR CURTAIN (FLY FAN) SCHEDULE

| MARK | MANUFACTURER/MODEL NO. | SERVICE | MOUNTING HEIGHT | MAX. FPM @ NOZZLE | AIR VOLUME (SCFM) | ELECTRICAL DATA | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | HP | VOLTS/PH | AMPS | |
| AC-1 | -- / -- | DSD DOOR | -- | -- | -- | -- | 120/1 | -- | 1 |
| AC-2 | -- / -- | ENTRANCE | -- | -- | -- | -- | 120/1 | -- | 1 |
| AC-3 | -- / -- | ENTRANCE | -- | -- | -- | -- | 120/1 | -- | 1 |
| AC-4 | -- / -- | RECEIVING | -- | -- | -- | -- | 120/1 | -- | 1 |
| AC-5 | -- / -- | RECEIVING | -- | -- | -- | -- | 120/1 | -- | 1 |

NOTE:
1. EXISTING TO REMAIN. DATA PROVIDED IS PER AS-BUILT DRAWINGS AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

## ELECTRIC DUCT HEATER SCHEDULE

| MARK | MANUFACTURER/MODEL NO. | SERVICE | ELECTRICAL DATA | | | | DUCT SIZE | AIRFLOW (CFM) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | KW | STAGES | AMPS | VOLTS/PH | | | |
| EDH-1 | -- / -- | AHU-1 | -- | -- | -- | 208/3 | SEE M1.01 | -- | 1 |
| EDH-2 | -- / -- | AHU-1 | -- | -- | -- | 208/3 | SEE M1.01 | -- | 1 |
| EDH-3 | -- / -- | AHU-2 | -- | -- | -- | 208/3 | SEE M1.01 | -- | 1 |

NOTE:
1. EXISTING TO REMAIN. DATA PROVIDED IS PER AS-BUILT DRAWINGS AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

## ELECTRIC UNIT HEATER SCHEDULE

| MARK | MANUFACTURER/MODEL NO. | SERVICE | ELECTRICAL DATA | | | | FAN DATA | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | KW | STAGES | AMPS | VOLTS/PH | HP | AIRFLOW (CFM) | |
| EUH-1 | -- / -- | RECEIVING | 15 | -- | -- | 208/3 | -- | -- | 1 |

NOTE:
1. EXISTING TO REMAIN. DATA PROVIDED IS PER AS-BUILT DRAWINGS AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

ALL HVAC EQUIPMENT AND CONTROLS SHALL BE PURCHASED FROM SESCO dba MCNAMARA & CO. (336)-996-2220.

ALL BELT DRIVE FANS:

M.C. SHALL BE RESPONSIBLE FOR PROVIDING MATERIAL AND LABOR FOR BELT & DRIVE CHANGE, AS NECESSARY, TO PROVIDE THE SCHEDULED AIRFLOW. COORDINATE REQUIREMENTS WITH TAB CONTRACTOR.

### MECHANICAL SUMMARY
### MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

METHOD OF COMPLIANCE PRESCRIPTIVE: YES

CLIMATE ZONE: 4A

THERMAL ZONE
- WINTER DRY BULB: 14°F
- SUMMER DRY BULB: 92°F

INTERIOR DESIGN CONDITIONS
- WINTER DRY BULB: 70°F
- SUMMER DRY BULB: 74°F
- RELATIVE HUMIDITY: 50%

BUILDING HEATING LOAD: EXISTING

BUILDING COOLING LOAD: EXISTING

MECHANICAL SPACING CONDITIONING SYSTEM

UNITARY
- DESCRIPTION OF UNIT: SPLIT SYSTEMS AND ROOF TOP UNIT
- HEATING EFFICIENCY: SEE SCHEDULES ON THIS SHEET
- COOLING EFFICIENCY: SEE SCHEDULES ON THIS SHEET
- HEAT OUTPUT OF UNIT: SEE SCHEDULES ON THIS SHEET
- COOLING OUTPUT OF UNIT: SEE SCHEDULES ON THIS SHEET

BOILER
- TOTAL BOILER OUTPUT. IF OVERSIZED, STATE REASON. N/A

CHILLER:
- TOTAL CHILLER CAPACITY. IF OVERSIZED, STATE REASON. N/A

LIST EQUIPMENT EFFICIENCIES

EQUIPMENT SCHEDULES WITH MOTORS (MECHANICAL SYSTEMS)
- MOTOR HORSEPOWER: SEE SCHEDULES ON THIS SHEET
- NUMBER OF PHASES: SEE SCHEDULES ON THIS SHEET
- MINIMUM EFFICIENCY: SEE SCHEDULES ON THIS SHEET
- MOTOR TYPE: SEE SCHEDULES ON THIS SHEET
- NO. OF POLES: SEE SCHEDULES ON THIS SHEET

## OUTSIDE AIR CALCULATION

| UNIT | DESCRIPTION | GROSS AREA (SF) | NET OCCUPIED AREA (SF) | # OF PEOPLE/ 1,000 SF | TOTAL NUMBER OF PEOPLE | CFM/PERSON | CFM/SF | AIR DISTRIBUTION EFFECTIVENESS | TOTAL REQUIRED OA CFM | DESIGNED OUTSIDE AIR CFM |
|---|---|---|---|---|---|---|---|---|---|---|
| AHU-1 | SUPERMARKET | 37,406 | 28,055 | 8.0 | 224 | 7.5 | 0.06 | 1.00 | 3,367 | 4,000 |
| RTU-1 | | | | | | | | | | 300 |
| RTU-DB | | | | | | | | | | 200 |
| TOTAL | | | | | | | | | 3,367 | 4,500 |

## AIR-BALANCE SCHEDULE

| MARK | MAKE-UP AIR (CFM) | EXHAUST AIR (CFM) | SERVICE |
|---|---|---|---|
| AHU-1 | 4000 | -- | -- |
| RTU-1 | 300 | -- | DELI/BAKERY |
| RTU-DB | 200 | -- | FRONT |
| EF-2 | -- | 660 | RESTROOMS |
| EF-3 | -- | 150 | LOUNGE |
| EF-4 | -- | 100 | JANITOR CLOSET |
| EF-5 | | 150 | DELI/BAKERY CLOSET |
| EF-6 | -- | 750 | RACK OVEN (INTERMITTENT) |
| KH-1 | -- | 1340 | DELI/BAKERY HOOD (INTERMITTENT) |
| KH-2 | -- | 600 | DELI/BAKERY HOOD (INTERMITTENT) |
| TOTAL | 4500 | 3750 | |
| TOTAL DIFF.: | 4500 - 3750 = (+) 750 CFM | | |


YCH ARCHITECTS
Yates-Chreitzberg-Hughes Architects, Corp.
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**Professional Seals**

"PROFESSIONAL CERTIFICATION"

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland, License No. 41658, expiration date: 02/19/2022."

STATE OF MARYLAND — MICHAEL D. BOWERS — 41658 — PROFESSIONAL ENGINEER
02/14/2020

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Project No.: 1238FLMK20
File Name: 1238 M6.01_00.dwg
**Date: 02-14-20**
Revisions:

MECHANICAL SCHEDULES

Mechanical
**M6.01**
YCH Commission Number
**19032.00**


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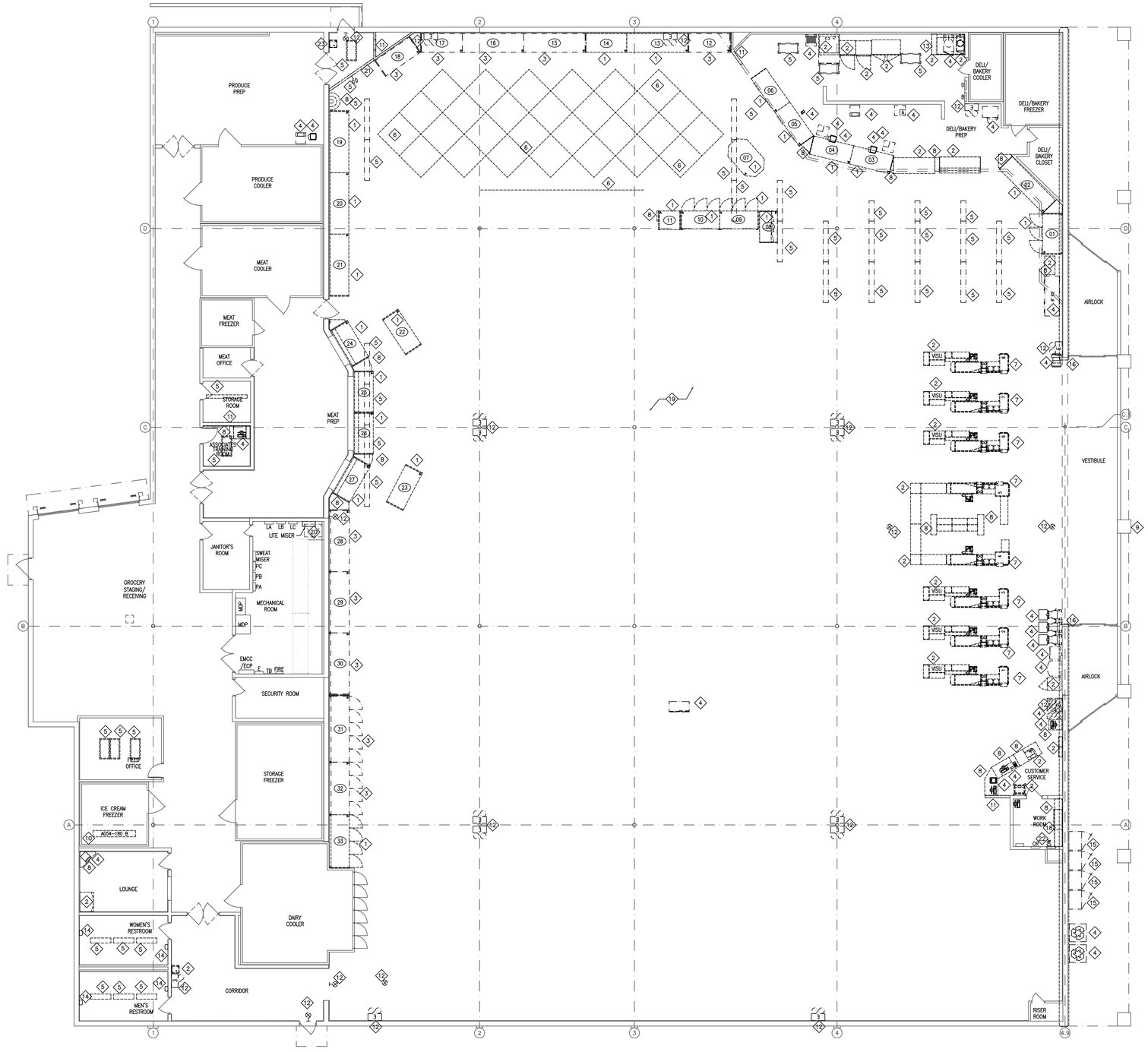


1 E0.01 ELECTRICAL DEMO PLAN
3/32" = 1'-0"

## 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 SUPERVISOR.
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 SUPERVISOR.
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 SUPERVISOR. PROPER SIGNAGE MUST BE INSTALLED WITH UNISEX RESTROOMS, USE SLIDE LOCK. PROVIDED BY FOOD LION.

## ELECTRICAL DEMOLITION KEY NOTES (K)

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.
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.
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 SUPERVISOR 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 REPLACED. DISCONNECT AS REQUIRED. CIRCUITS TO REMAIN FOR REUSE. COORDINATE WITH THE REFRIGERATION CONTRACTOR.
11. 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.
12. ELECTRICAL CONTRACTOR TO COORDINATE WITH FOOD LION CONSTRUCTION SUPERVISOR AT TIME OF WALK THROUGH IF EXISTING SALES AREA FACING EMERGENCY AND EXIT SIGNS TO BE REPLACED WITH NEW WHITE FIXTURES.
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 LOCATION, 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 IN WALL OR REMOVED IF NOT USE.
17. REMOVE EXISTING UPLIGHT LIGHTING FIXTURES. PROVIDE CIRCUITRY PROVISIONS NECESSARY TO MAINTAIN DOWNSTREAM LOADS.
18. RECEPTACLES, COMMUNICATIONS, DATA, AND JUNCTION BOXES BELOW 48" AFF TO BE RELOCATED TO 48" AFF BEHIND NEW CABINET TO BE INSTALLED IN WORK ROOM.
19. REMOVE CEILING-MOUNTED RECEPTACLES U.O.N.
20. LITE MISER PANEL TO BE REMOVED, PANEL LA TO BR CONNECTED DIRECTLY TO MDP-2, (NO HOT WORK ALLOWED) COORDINATE WITH FOOD LION CONSTRUCTION SUPERVISOR EXACT AMOUNT OF WORK REQUIRED.
21. CANOPY SECTION TO BE DEMOLISHED. REMOVE ALL DEVICES AND RE-ROUTE ALL AFFECTED CIRCUITRY AS REQUIRED TO MAINTAIN DOWNSTREAM LOADS. FIELD VERIFY EXTENT OF WORK.
22. ELECTRICAL PANEL OW (24 CIRCUIT) TO BE REPLACED WITH NEW 40 CIRCUIT PANEL .
23. EQUIPMENT TO BE REMOVED & RECEPTACLE REUSED AS CONVENIENCE OUTLET.

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 SUPERVISOR AND NATIONWIDE SERVICE AND/OR THE COMPANY THAT REPLENISHES CASH.

LEGEND
========= ITEMS TO BE REMOVED AS NOTED ON PLAN
- - - - - - - - ITEMS TO BE RELOCATED

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I certify that these documents were prepared or approved by me, and that I am a duly licensed engineer under the laws of the State of Maryland, license number 41676, expiration date 03-14-2021."

Professional Seals

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ROBERT W. STURGILL
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02/14/2020

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ELECTRICAL DEMO PLAN

Electrical
E0.01
YCH Commission Number
19032.00

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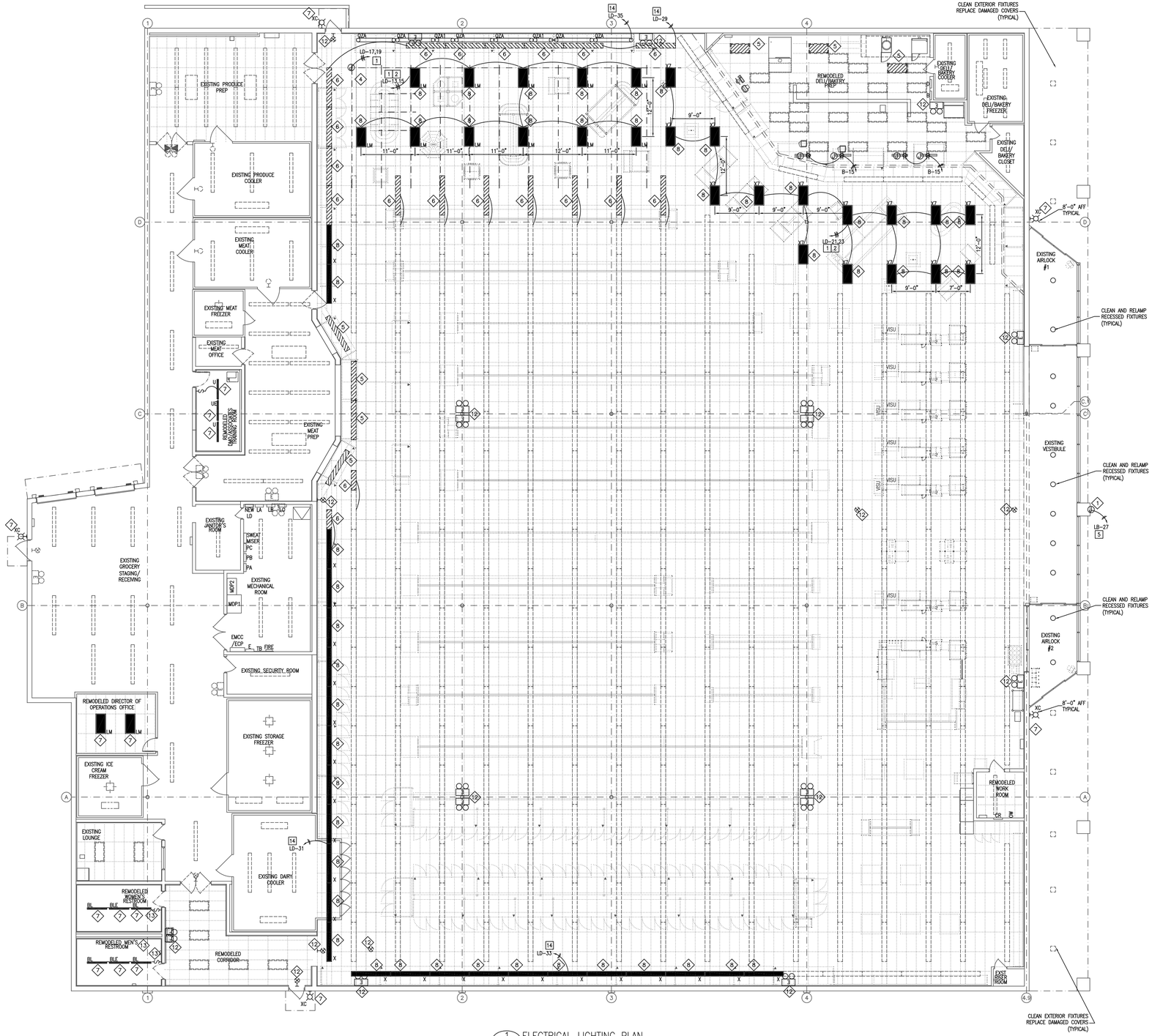


1 ELECTRICAL LIGHTING PLAN
E1.01 3/32" = 1'-0"

## SYMBOL LEGEND

- NEW LIGHTS
- RELOCATED LIGHTS
- EXISTING LIGHTS
- NEW NIGHT LIGHTS
- NEW LIGHTS WITH TUBE SHIELDS
- EXISTING COOLER/FREEZER LIGHTS
- NEW/ RELOCATED COOLER/FREEZER LIGHTS
- EXISTING EXIT LIGHTS
- NEW/RELOCATED EXIT LIGHTS
- EXISTING EMERGENCY LIGHTS
- NEW EMERGENCY LIGHTS
- ENERGY MANAGEMENT LOAD NUMBER.
- NEW UP-LIGHTING
- POWERED TRELLIS
- NON-POWERED TRELLIS

## 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 TYPE "QZA" OR "QZA1" (SEE LIGHT FIXTURE SCHEDULE ON SHT. E6.02). UP-LIGHTING SHALL BE INSTALLED THRU THE ENERGY MANAGEMENT SYSTEM; REFER TO E6.03 FOR CORRECT LOAD #. INSTALL A COMBINATION OF 4' AND 8' LIGHT FIXTURES ABOVE THE CASES FOR EVEN LIGHT DISTRIBUTION ALONG THE WALLS. EXAMPLE: 8' CASE SHOULD GET (2) 4' LIGHT FIXTURES OVERLAPPED. 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.

## LIGHTING PLAN KEY NOTES

1. STORE FRONT SIGN TO BE REPLACED. RECONNECT TO EXISTING CIRCUITS. COORDINATE REQUIREMENTS WITH SIGN CONTRACTOR.
2. ELECTRICAL CONTRACTOR TO ORDER AND INSTALL 4' OF "04" LED LIGHTING FOR TOI SIGNAGE MOUNTED TO BACK OF BULKHEAD.
3. RECEPTACLE AND JUNCTION BOX FOR DELI MONITOR MOUNTED IN CEILING TILE, COORDINATE EXACT LOCATION WITH FOOD LION CONSTRUCTION SUPERVISOR.
4. NEW BUS-STRUT FIXTURE WIRED BY ELECTRICAL CONTRACTOR, INSTALLED BY DECOR CONTRACTOR AT 10'-6" AFF. COORDINATE POWER DROP WITH BUS STRUT SUBMITTAL
5. EXISTING LIGHT FIXTURE, RELOCATED, EXTEND LIGHTING CIRCUITS FOR NEW LOCATION OF FIXTURE. FIELD VERIFY EXISTING CONDITIONS. DO NOT OVERLOAD EXISTING CIRCUITS.
6. EXISTING LIGHT FIXTURE, RELOCATED, CONNECT TO NEW LIGHTING CIRCUIT FOR NEW FIXTURE LOCATION. FIELD VERIFY EXISTING CONDITIONS.
7. NEW LIGHT FIXTURE, CONNECT TO EXISTING ELECTRICAL CIRCUIT. FIELD VERIFY EXISTING CONDITIONS; ELECTRICAL CONTRACTOR TO VERIFY EXISTING CIRCUIT IS NOT OVERLOADED.
8. NEW LIGHT FIXTURE, CONNECT TO NEW ELECTRICAL CIRCUIT. FIELD VERIFY EXISTING CONDITIONS; ELECTRICAL CONTRACTOR TO VERIFY EXISTING CIRCUIT IS NOT OVERLOADED.
9. MOUNT FIXTURES ON TOP OF REFRIGERATED CASES IN WALL-WASH CONFIGURATION, SEE GEN. NOTE #15.
10. COORDINATE EXACT LOCATIONS AND QUANTITIES OF DEPARTMENT SIGN FIXTURES IN FIELD WITH CEILING CONTRACTOR. RUN CIRCUIT THROUGH EXISTING CONTACTOR FOR EMS CONTROL (EMS CIRCUIT #14). PROVIDE NEW CONTACTOR IN ENCLOSURE IF REQUIRED.
11. EXISTING LIGHT REMOVED, CONNECT LIGHT TO EXISTING CIRCUIT. ELECTRICAL CONTRACTOR TO VERIFY EXISTING CIRCUIT IS NOT OVERLOADED.
12. ELECTRICAL CONTRACTOR TO COORDINATE WITH FOOD LION CONSTRUCTION SUPERVISOR AT TIME OF WALK THROUGH IF EXISTING SALES AREA FACING EMERGENCY AND EXIT SIGNS TO BE REPLACED WITH NEW WHITE FIXTURES.
13. RELOCATE RESTROOM SWITCH TO OTHER SIDE OF DOOR OPENING TO COORDINATE WITH DOOR SWING CHANGE.
14. EXISTING LIGHT FIXTURE, RELOCATED, CONNECT TO EXISTING LIGHTING CIRCUIT FOR NEW FIXTURE LOCATION. FIELD VERIFY EXISTING CONDITIONS ELECTRICAL CONTRACTOR TO VERIFY EXISTING CIRCUIT IS NOT OVERLOADED.

## HANGING TRACK SYSTEM NOTES: (SUPPLIED BY FOOD LION)

PRODUCE AREA EQUIPMENT: (SILVER COATED)
2 CIRCUIT SILVER TRACK BY BUS STRUT; PROVIDED BY FOOD LION, 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 LOADS 1.
- NO TRELLIS EXISTING, ADDING BUS STRUT- REQUIRES 2 DEDICATED CIRCUITS, ON EMS LOADS 1.

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. 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.
- GARDEN COOLER INTERIOR- MOUNT TRELLIS AT 10'-6" AFF
- GARDEN COOLER SALES AREA- SEE ABOVE.

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REFER TO SHEET E6.02 FOR LIGHT FIXTURE SCHEDULE
REFER TO SHEET E6.03 FOR ENERGY MANAGEMENT SYSTEM NOTES


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02/14/2020


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ELECTRICAL LIGHTING PLAN

Electrical
E1.01
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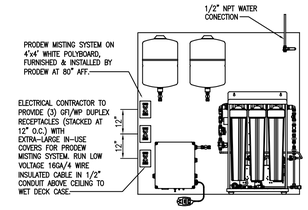


2 E1.02 MISTING SYSTEM DETAIL 3/32" = 1'-0"

EC TO PROVIDE THREE (3) DUPLEX RECEPTACLES (ON 1 DIRTY POWER CIRCUIT) FOR PRODUCE MISTING SYSTEM MOUNTED AT 72"AFF. COORDINATE LOCATION WITH FOOD LION CONSTRUCTION MANAGER SEE DETAIL 2/E1.02

PRODUCE MISTING SYSTEM TO HAVE LOW VOLTAGE 16 GAUGE/4 WIRE INSULATED CABLE (IN 1/2" CONDUIT TO ASSESSABLE CEILING SPACE) FROM WET DECK CASE TO MISTING SYSTEM IN PRODUCE PREP. COORDINATE LOCATION WITH FOOD LION CONSTRUCTION MANAGER

REFRIGERATED BIN (120/1/60, 13.6 MCA, 20A MOPD), PROVIDE NEMA L5-20P AND HACR CIRCUIT BREAKER

REFRIGERATED BIN (208/1/60, 18.9 MCA EACH), 20A MOPD, PROVIDE NEMA L6-20P AND HACR CIRCUIT BREAKER

REFRIGERATED BIN (120/1/60, 18.9 MCA, 25A MOPD), PROVIDE NEMA L5-20P AND HACR CIRCUIT BREAKER

NEMA 3R, 3P, DISCONNECT WITH FUSES - AS PER MFR'S NAMEPLATE (60A DISC)

EXHAUST FAN (EF-5) 120V, 1 PH, 65.4W SUPPLIED BY MECHANICAL CONTRACTOR WIRED BY ELECTRICAL CONTR. SEE GEN. NOTE #13

RUSH-BUTTON. COORDINATE LOCATION W/ INSTALLATION OF CASE AND STORE PERSONNEL/FOOD LION CONSTRUCTION MANAGER

DUPLEX RECEPTACLE WITH WATERPROOF COVER FOR SAMPLING STATION MOUNTED IN KICK PLATE OF MEAT PROD. CASE.

TRANSFER FAN (TF-2) 120V, 1 PH, 174W SUPPLIED BY MECHANICAL CONTRACTOR WIRED BY ELECTRICAL CONTRACTOR

EXHAUST FAN (EF-4) 120V, 1 PH, 32.2W SUPPLIED BY MECHANICAL CONTRACTOR WIRED BY ELECTRICAL CONTR. SEE GEN. NOTE #13

EXHAUST FAN (EF-3) 120V, 1 PH, 65.4W SUPPLIED BY MECHANICAL CONTRACTOR WIRED BY ELECTRICAL CONTR. SEE GEN. NOTE #13

NOTE:
REMOVE ANY JUNCTION BOXES THAT DO NOT FALL UNDER THE GONDOLAS AFTER FINAL STORE SET. PATCH AND/OR REPAIR THE FLOOR WHERE EXISTING BOXES ARE REMOVED. COORDINATE WITH THE FOOD LION CONSTRUCTION SUPERVISOR.

GENERAL CONTRACTOR SHALL COORDINATE WITH DECOR PLAN AND CONSTRUCTION MANAGER PRIOR TO MOUNTING PULL STATIONS, STROBES, EMERGENCY/EGRESS SIGNS, RECEPTACLES, ETC. TO PREVENT INTERFERENCE WITH DECOR AND FINISH ELEMENTS.

EC NOTE:
ELECTRICAL CONTRACTOR IS TO PULL (8) CAT-5 CABLES FROM THE TELEPHONE BACKBOARD OVER TO THE EMS PANEL. ALL CABLES ARE TO BE PULLED IN ONE CONDUIT, SIZE TO BE DETERMINED BY THE ELECTRICAL CONTRACTOR. EC IS TO LEAVE A 3' OF COIL OF CABLE AT THE TELEPHONE BOARD AND LABEL 'RACK/EM COMMUNICATION HUB'. EC PULL CABLES INTO THE EMS PANEL AND LEAVE A 3' COIL OF CABLE IN THE EMS PANEL LABELED 'RACK/EM COMMUNICATIONS HUB'. SESCO AND MACRO WILL MAKE APPROPRIATE CONNECTIONS.

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

TELEPOLE FOR PET FOOD COOLER COORDINATE EXACT LOCATION WITH EQUIPMENT AND FOOD LION CONSTRUCTION MANGERS

TRANSFER FAN (TF-1) 120V, 1 PH, 5HP SUPPLIED BY MECHANICAL CONTRACTOR WIRED BY ELECTRICAL CONTR. EC TO CONNECT TO EXISTING WALL MOUNTED LIGHT SWITCH FOR FAN OPERATION SEE GEN. NOTE #13

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

## LEGEND:

- QUAD RECEPTACALE
- JUNCTION BOX
- WEATHERPROOF DUPLEX RECEPTACLE
- GROUND FAULT INTERRUPTING RECEPTACLE
- ISOLATED GROUND RECEPTACLE
- SPECIAL USE RECEPTACLE. VOLTAGE, PHASE AND AMPERAGE BASED ON LOAD SERVED. COORDINATE NEMA CONFIGURATION WITH EQUIPMENT REQUIREMENTS.
- SWITCH
- FLOOR STUB UP
- DISCONNECT SWITCH-TYPE AS NOTED
- ELECTRICAL DROP FROM OVERHEAD
- EXISTING ELECTRICAL STUB-UP
- TELE-POWER POLE
- ELECTRICAL CONNECTION UNDER CASE
- MAGNETIC SWITCH (EXISTING)

## 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 "G.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 CAT5 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 CAT5 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. QC 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 EZOLAB 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) 2" CONDUITS FROM PANEL "OW" – 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. TELEPOLES SHALL BE INSTALLED SECURE AND PLUMB; TOP CONNECTION OF TELEPOLE TO BAR JOIST SHALL BE CONNECTED WITH A LEGRAND/WIREMOLD SLIDING SUPPORT (#E63204 FOR 2-CHANNEL POLES, #E6320143 FOR 3-CHANNEL POLES) 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 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, 52"x2½" 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.
10. IF EXTENSION IS NEEDED, USE #AMP0322 (2 CHANNEL POLES) OR #LAMP0496 (3 CHANNEL POLES).
11. 3-CHANNEL TELEPOLES AT CHECK STANDS (TYPE DR AND DL) SHALL INCLUDE LIGHT BRACKET #E63920.
12. EXISTING TELEPOLES TO BE PAINTED SILVER BY GC.

MODEL #'S

- [A] FLAMP0565
  - SPL AMDTP-412 12FT 2-CHANNEL POLE WITH SLIDING SUPPORT #E63204 AND (1) L5-20R
  - 3x3 & 4x4 SLANT BINS
- [B] FLAMP0566
  - SPL AMDTP-412 12FT 2-CHANNEL POLE WITH SLIDING SUPPORT #E63204 AND (1) L6-20R
  - 3x6 BIN, 3x8 BIN, 5x5 BERRY QUAD
- [C] FLAMP0567
  - SPL AMTC-412 12FT 2-CHANNEL POLE (BLANK) WITH SLIDING SUPPORT #E63204, GROMMET AND STANDARD GRAY BOOT
  - CUSTOMER SERVICE COUNTER, WING BAR (OR WHEN ONE-OFF RECEPTACLE OR NO RECEPTACLE REQUIRED)
- [DL] FLAMP0575 (LEFT HAND)
  - SPL ALUMINUM 3-CHANNEL POLE WITH SLIDING SUPPORT #E63204-3 AND 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 SLIDING SUPPORT #E63204-3 AND LANE LIGHT MOUNTING BRACKET #E63920 (2-1/4"x3-5/16")
  - CHECKSTANDS, CUSTOMER SERVICE CHECKSTAND #1
- [E] FLAMP0564
  - SPL AMDTP-412 12FT 2-CHANNEL POLE WITH SLIDING SUPPORT #E63204 AND (1) NEMA 5-30R & STANDARD GRAY BOOT
  - SELF-CONTAINED WINE CASE

## POWER PLAN KEY NOTES

1. SURFACE MOUNTED HAND DRYERS TO BE POWERED FROM DEDICATED CIRCUIT.
2. COORDINATE GFCI RECEPTACLE HEIGHT WITH COUNTER TOP HEIGHT (46" AFF), COORDINATE EXACT HEIGHT WITH FOOD LION CONSTRUCTION MANAGER.
3. RELOCATED EQUIPMENT CIRCUIT TO NEW LOCATION, EXTEND CIRCUITRY AS REQUIRED.
4. RECONNECT EXISTING CIRCUIT TO NEW EQUIPMENT (REPLACING EXISTING EQUIPMENT), ELECTRICAL CONTRACTOR TO VERIFY EXISTING CIRCUIT IS NOT OVERLOADED.
5. THE 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.
6. THE ELECTRICAL CONTRACTOR SHALL PROVIDE GFCI, WR, WP RECEPTACLE AT PRIMO RETURN LOCATION (IF NOT CURRENTLY EXISTING) COORDINATE EXACT LOCATION OF RECEPTACLE WITH FOOD LION CONSTRUCTION MANAGER.
7. CONDUITS ON THIS WALL TO BE RECESSED BEHIND GWB.
8. DUPLEX RECEPTACLE MOUNTED 18" AFF (CONVENIENCE OUTLET).
9. EXTEND EXISTING COMMUNICATIONS CONNECTIONS TO RELOCATED REDBOX LOCATION.
10. VERIFY EXISTING CONNECTIONS MEET FOOD LION REQUIREMENTS.
11. DUPLEX RECEPTACLE MOUNTED 15" DOWN FROM CEILING, (CONNECTED EXISTING LOUNGE POWER). DATA PORT JUNCTION BOX (WITH EMPTY CONDUIT TO ACCESSIBLE CEILING SPACE) TO BE MOUNTED 15" DOWN FROM CEILING, DATA CONNECTIVITY (CAT5 CABLE AND CONNECTIONS) TO BE PROVIDED BY FOOD LION 3RD PARTY VENDOR


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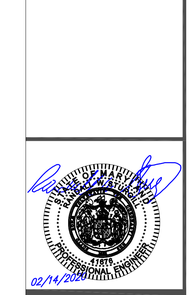


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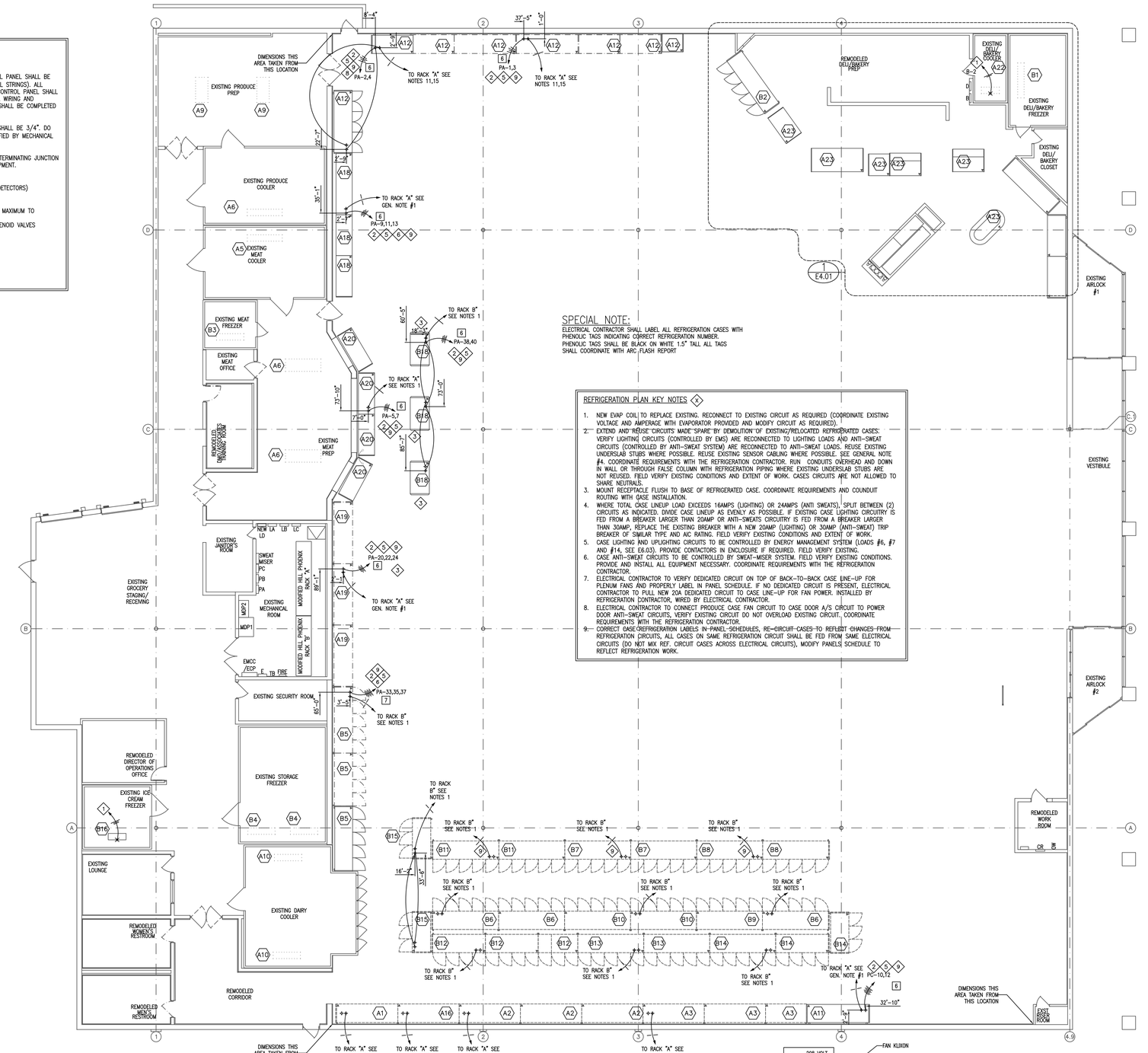
## ENVIRONMENTAL CONTROL PANEL CONDUIT SYSTEM

◇ = 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.

## 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.




## SPECIAL NOTE:

ELECTRICAL CONTRACTOR SHALL LABEL ALL REFRIGERATION CASES WITH PHENOLIC TAGS INDICATING CORRECT REFRIGERATION NUMBER. PHENOLIC TAGS SHALL BE BLACK ON WHITE 1.5" TALL ALL TAGS SHALL COORDINATE WITH ARC FLASH REPORT

## REFRIGERATION PLAN KEY NOTES (X)

1. NEW EVAP COIL TO REPLACE EXISTING. RECONNECT TO EXISTING CIRCUIT AS REQUIRED (COORDINATE EXISTING VOLTAGE AND AMPERAGE WITH EVAPORATOR PROVIDED AND MODIFY 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. MOUNT RECEPTACLE FLUSH TO BASE OF REFRIGERATED CASE. COORDINATE REQUIREMENTS AND COUNDUIT ROUTING WITH CASE INSTALLATION.
4. 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.
5. CASE LIGHTING AND UPLIGHTING CIRCUITS TO BE CONTROLLED BY ENERGY MANAGEMENT SYSTEM (LOADS #6, #7 AND #14, SEE E6.03). PROVIDE CONTACTORS IN ENCLOSURE IF REQUIRED. FIELD VERIFY EXISTING.
6. 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.
7. 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.
8. ELECTRICAL CONTRACTOR TO CONNECT PRODUCE CASE FAN CIRCUIT TO CASE DOOR A/S CIRCUIT TO POWER DOOR ANTI-SWEAT CIRCUITS, VERIFY EXISTING CIRCUIT DO NOT OVERLOAD EXISTING CIRCUIT. COORDINATE REQUIREMENTS WITH THE REFRIGERATION CONTRACTOR.
9. CORRECT CASE/REFRIGERATION LABELS IN PANEL SCHEDULES. RE-CIRCUIT CASES TO REFLECT CHANGES FROM REFRIGERATION CIRCUITS. ALL CASES ON SAME REFRIGERATION CIRCUIT SHALL BE FED FROM SAME ELECTRICAL CIRCUITS (DO NOT MIX REF. CIRCUIT CASES ACROSS ELECTRICAL CIRCUITS), MODIFY PANELS SCHEDULE TO REFLECT REFRIGERATION WORK.

## GENERAL NOTES:

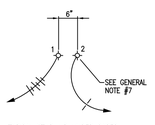
1. MEDIUM TEMPERATURE CASES (PER CIRCUIT ELECTRICAL REQUIREMENTS AND COLOR CODES)
   - FANS: 12GA 1-BLACK, 1-WHITE, 1-BLACK/WHITE (NEUTRAL)
   - LIGHTS: 12GA 1-RED, 1- WHITE, 1-RED/WHITE (NEUTRAL), RUN THROUGH EMS LOAD #6
   - ANTI-SWEAT HEATERS: 10GA 1-BLUE, 1-WHITE, 1-BLUE/WHITE (NEUTRAL), FOR NEW 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 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.

LEGEND

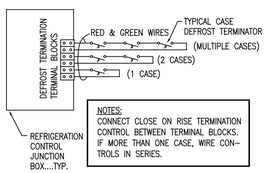
- ELECTRICAL STUB-UP
- DROP FROM CEILING
- (S) SENSOR. SEE NOTES No. 8, 12
- XXX-XXX EVAPORATOR COIL
- MAGNETIC SWITCH
- (XX) REFRIGERATION CIRCUIT NUMBER
- REFRIGERATION CIRCUIT BREAK
- (#) EMS LOAD (VERIFY WITH SESCO REPRESENTATIVE, ARCHITECT AND CRESCENT REPORT FOR EXISTING LOADS)




TYPICAL STUB-UP UNDER CASES

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

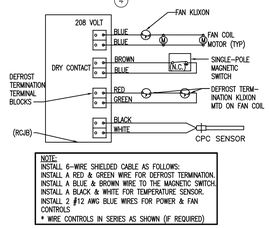
SEE 3/E1.03 FOR ADDITIONAL DETAIL




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

3 E1.03 TYPICAL CASE CONTROL WIRING FOR HOT GAS CONTROL WIRE

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




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)

2 E1.03 TYPICAL FREEZER WIRING NOT TO SCALE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**Professional Seals**

02/14/2020

**Interior Alteration For:**

**FOOD LION**

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Store No. 1238

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Revisions:

ELECTRICAL REFRIGERATION PLAN

Electrical

**E1.03**

YCH Commission Number

**19032.00**


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1 CAT 5 RISER DIAGRAM
E2.01 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

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).

3 DSD STATION ELEVATION
E2.01 NOT TO SCALE

4 FIRE/SECURITY BACKBOARD LAYOUT
E2.01 NOT TO SCALE

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

7 ELECTRICAL ROOM ELEVATION
E2.01 NOT TO SCALE

8 COMMUNICATION CABINET INSTALLATION DETAIL
E2.01 NTS

## CONTROL NOTES

1. THE ENERGY MANAGEMENT CONTROL CABINET WITH ENVIRONMENTAL CONTROL PANEL SHALL BE PROVIDED VIA NATIONAL ACCOUNT BY FOOD LION
2. ONE SEPARATE 3/4" CONDUIT THROUGH ROOF FOR PHOTOCELL. RUN (1) 4-CONDUCTOR SHIELDED CABLE (#22AWG OR LARGER) FOR PHOTOCELL. TERMINATE PER ENERGY MANAGEMENT CONTROL DRAWINGS. PHOTOCELL SHALL BE LOCATED ON THE ROOF, IN AN OPEN AREA, IN A HORIZONTAL POSITION, WITH A NORTHERN EXPOSURE. PHOTOCELL SHALL NOT BE LOCATED DIRECTLY ABOVE POWER WALL (AS PER SESCO COMMISSIONING).
3. PROVIDE 3/4" CONDUIT TO RECLAIM WATER HEATER CONTACTORS FOR EMS CONTROL (2 #14 w/GND)
4. PROVIDE 1" CONDUIT TO AHU'S AND 3/4" CONDUIT TO OTHER MECHANICAL EQUIPMENT (IE. RTU'S, EDH'S, DAMPERS) FOR CONTROL. PROVIDE SEPARATE 3/4" CONDUIT FOR SENSOR CABLES. REFER TO SHEET M1.1. COORDINATE WITH MECHANICAL CONTRACTOR.
5. PROVIDE 3/4" CONDUIT TO EACH REFRIGERATION CONTROLLER AND ECP PANEL TO THE PHONE BOARD FOR CAT 5 COMMUNICATION CABLE. NO OTHER CABLES SHALL BE RUN IN THIS CONDUIT.
6. LEAVE RIGHT HALF OF TROUGH OPEN FOR ENVIRONMENTAL CONTROL CONDUITS (BY THE ELECTRICAL CONTRACTOR) PER SHEET E4.01. MECHANICAL CONTRACTOR SHALL PROVIDE ALL ENVIRONMENTAL CONTROL WIRING AND TERMINATIONS.
7. PROVIDE 3/4" CONDUIT FOR EMS CONTROL TO MECHANICAL ROOM EXHAUST & SUPPLY FAN (IF REQUIRED) (4 #4 W/GND)
8. (1) 5-CONDUCTOR SHIELDED CABLE (#22 AWG OR LARGER) FOR ANTI-SWEAT CONTROL, TERMINATE PER ENERGY CONTROL DRAWINGS. NO OTHER CONDUCTORS SHALL BE RUN IN THIS CONDUIT. SEE DETAIL #8 THIS SHEET.
9. PROVIDE 3/4" CONDUIT FOR EMS CONTROL FOR PLL CONTACTORS (8 #14 W/GND)
10. PROVIDE 3/4" CONDUIT TO CU-1 CONDENSING UNIT ON ROOF FOR EMS CONTROL AND 3/4" CONDUIT FROM CU-1 TO COOLING STAGE SOLENOIDS.
11. PROVIDE 3/4" CONDUIT TO D/B PANEL SECTION FOR DELI EMS CONTROL. (8 #14 W/GND)
12. 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. 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.

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Revisions:

ELECTRICAL ELEVATIONS AND DETAILS

Electrical

# E2.01

YCH Commission Number
19032.00

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2 / E4.01 POWER CONNECTION DETAIL
NOT TO SCALE

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, INDICATED AS:
(2) CONDUCTOR (RED & GREEN) – FOR DEFROST TERMINATION, INDICATED AS:
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. 8.ALL BRANCH CIRCUIT PANELBOARDS SHALL BE VACUUMED. ALL ELECTRICAL ENCLOSURE COVERS SHALL BE INSTALLED AND ADEQUATELY SECURED TO OBTAIN PROJECT CLOSE OUT.
10. 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.
11. 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.
12. SCALES SHALL BE FED FROM A CIRCUIT THAT IS CONTINUOUSLY ENERGIZED (NOT CONTROLLED BY THE ENERGY MGMT SYSTEM)
13. COORDINATE REMOVAL/REPLACEMENT OF REFRIGERATED CASES WITH THE REFRIGERATION CONTRACTOR AND THE FOOD LION CONSTRUCTION SUPERVISOR.

## LEGEND:

- Ⓙ JUNCTION BOX
- WP / GFI GROUND FAULT INTERRUPTING RECEPTACLE
- IG ISOLATED GROUND RECEPTACLE
- SPECIAL USE RECEPTACLE. VOLTAGE, PHASE AND AMPERAGE BASED ON LOAD SERVED. COORDINATE NEMA CONFIGURATION WITH EQUIPMENT REQUIREMENTS.
- FLOOR STUB UP
- DISCONNECT SWITCH–TYPE AS NOTED
- Ⓔ ELECTRICAL CONNECTION UNDER CASE
- ELECTRICAL DROP FROM OVERHEAD
- EXISTING ELECTRICAL STUB–UP
- XX REFRIGERATION CIRCUIT NUMBER
- POWER POLE (SEE GENERAL NOTE #17)
- SC SCALE SYSTEM DATA PORT (SEE SCALE SYSTEM NOTES)
- Ⓔ ELECTRICAL CONNECTION UNDER CASE. REUSE EXISTING STUBS WHERE POSSIBLE. COORDINATE CONDUIT ROUTING WITH THE FOOD LION CONSTRUCTION SUPERVISOR.

## ADDED DEMAND FOR KITCHEN EQUIPMENT

| VOLTAMPS | EQUIPMENT |
|---|---|
| 40,680 | RACK OVEN |
| 19,080 | FRYER |
| 11,160 | CONVECTION OVEN |
| 70,920 | TOTAL |
| X.70 | |
| 49,644 | |
| ADDITION | D/B TOTAL 49,644 |

## 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. SERVICE COLD DELI CASE RECEPTACLES, GFCI, WP, PROVIDED WITH CASE. COORDINATE REQUIREMENTS AND CONDUIT ROUTING WITH CASE INSTALLATION.
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. EXISTING PANEL SCHEDULE IS INCORRECT, RECONNECT CIRCUITS TO RELOCATED EQUIPMENT SHIFT EXISTING BREAKERS AS REQUIRED TO FIT NEW LOADS IN PANELS
5. ~~ELECTRICAL CONTRACTOR SHALL REPLACE SEAL TIGHT FLEXIBLE CONDUIT AND FITTINGS FOR D/B HOOD ON ROOF, (SEAL–TITE TYPE FLEX IS SPECIFIED, USE PROPER METAL FITTINGS) IF EQUIPMENT TO BE REUSED AFTER REMODEL.~~

1 / E4.01 DELI/BAKERY POWER PLAN
1/4" = 1'-0"

## PANEL: D

VOLTAGE: 208Y/120 VOLT, 3PH, 4W, 60 Hz — 100% NEUTRAL BUS
LOCATION: DELI/BAKERY AREA — MAINS: 400 AMP [X] MLO — [*] LOCK ON CIRCUIT
FED FROM: MDP-2 — ___ AMP MAIN BREAKER — [#] SHUNT TRIP
MOUNTING: [ ] UNITIZED SWITCHGEAR [X] FLUSH [ ] SURFACE — MINIMUM AIC RATING: 65 KA

| EMS LOAD | COND SIZE | WIRE SIZE | AMP TRIP (DEVICE) | POLES (DEVICE) | DESIGNATION (BRANCH CIRCUIT) | VOLT-AMPS | NO. | PHASE LOAD (VOLT-AMPS) A | B | C | NO. | VOLT-AMPS | DESIGNATION (BRANCH CIRCUIT) | POLES (DEVICE) | AMP TRIP (DEVICE) | WIRE SIZE | COND SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2 | | | | 5676 | 1 | 5676 | | | 2 | 0 | SPARE | 1 | 15 | - | - | |
| 4 | 1- | 2 | 60 | 3 | BLFF-208 OPEN VAT FRYER | 5676 | 3 | | 5676 | | 4 | 0 | SPARE | 1 | 15 | - | - | |
| | 1/4 | 2 | | | (208/3/60, 47.3 A, 17KW) | 5676 | 5 | | | 5676 | 6 | 0 | SPARE | 1 | 15 | - | - | |
| | - | - | - | 1 | SHUNT TRIP SPACE | 0 | 7 | 0 | | | 8 | 0 | SPARE | 1 | 15 | - | - | |
| | | 6 | | | | 4476 | 9 | | 8316 | | 10 | 3840 | | | | 10 | | |
| 4 | 1- | 6 | 50 | 3 | FRYER | 4476 | 11 | | | 8316 | 12 | 3840 | ROTISSERIE OVEN | 3 | 30 | 10 | 1/2 | 4 |
| | 1/4 | 6 | | | | 4476 | 13 | 8316 | | | 14 | 3840 | | | | 10 | | |
| | - | - | - | 1 | SHUNT TRIP | 0 | 15 | | 0 | | 16 | 0 | SHUNT | - | - | - | | |
| | | 6 | | | | 3720 | 17 | | | 5472 | 18 | 1752 | INDUCTION WOK | 2 | 20 | 10 | 1/2 | 4 |
| 4 | 1 | 6 | 40 | 3 | SHO-E CONVECTION OVEN | 3720 | 19 | 5472 | | | 20 | 1752 | (NEMA 6-20P, 3.5KW, 14.6A) | | | 10 | | |
| | | 6 | | | (208/3/60, 11KW, 31/29/29 AMPERES) | 3720 | 21 | | 3720 | | 22 | 0 | SHUNT | - | - | - | | |
| | - | - | - | 1 | SHUNT TRIP | 0 | 23 | | | 1752 | 24 | 1752 | INDUCTION WOK | 2 | 20 | 10 | 1/2 | 4 |
| | | 6 | | | | 3720 | 25 | 5472 | | | 26 | 1752 | (NEMA 6-20P, 3.5KW, 14.6A) | | | 10 | | |
| 4 | 1- | 6 | 45 | 3 | HOT DELI CASE | 3720 | 27 | | 3720 | | 28 | 0 | SHUNT | - | - | - | | |
| | 1/4 | 6 | | | (208/3/60, 31.2 AMPERES) | 3720 | 29 | | | 3720 | 30 | 0 | SPARE | 1 | 20 | - | - | |
| | | 2 | | | | 7080 | 31 | 7080 | | | 32 | 0 | SPARE | 1 | 20 | - | - | |
| 4 | 1- | 2 | 80 | 3 | DELI ISLAND | 7080 | 33 | | 13080 | | 34 | 6000 | | | | 4 | | |
| | 1/4 | 2 | | | (208/3/60, 59 AMPERES) | 7080 | 35 | | | 13080 | 36 | 6000 | WATER HEATER | 3 | 70 | 4 | - | |
| | - | - | 20 | 1 | SPARE | 0 | 37 | 3720 | | | 38 | 6000 | | | | 4 | | |
| | 1/2 | 12 | 15 | 1 | RACK OVEN CONTROL | 600 | 39 | | 4320 | | 40 | 600 | PROOFER CONTROL | 1 | 15 | - | - | |
| | - | - | 15 | 1 | SPARE | 0 | 41 | | | 3720 | 42 | 0 | SPARE | 1 | 20 | - | - | |
| | | 4/0 | | | | 11300 | | 11300 | | | | | | | | | | |
| | - | 4/0 | 225 | 3 | PANEL B | 14062 | | | 14062 | | | | | | | | | |
| | | 4/0 | | | | 15107 | | | | 15107 | | | | | | | | |
| | | | | | TOTALS PER PHASE (W) | | | 35736 | 38832 | 41736 | | | TOTAL CONNECTED LOAD (VA) | | 116,304 | | | |

NOTES: EXISTING PANEL EXISTING INFORMATION FROM FOOD LION ASBUILTS, ELECTRICAL CONTRACTOR TO FIELD VERIFY PANEL CIRCUITS — BOLD INDICATES NEW WORK
ELECTRICAL CONTRACTOR TO REMOVE DOUBLE TERMINATION ON BREAKERS 12 ,REMOVE WIRE FROM ALL UNUSED BREAKERS AND LABEL AS SPARE, PANEL SCHEDULE INCORRECT, COORD. EXACT WIRE SIZE AND BREAKER WITH EXISTING AND RELOCATED EQUIPMENT PRIOR TO WORK, MODIFY BREAKER LAYOUT AS REQUIRED FOR NEW EQUIPMENT
SEE SHEET E6.04 ELECTRICAL DEFICIENCIES TO BE REPAIRED LIST FOR FURTHER BREAKER INFORMATION D-35,37,67

## PANEL:B

VOLTAGE: 208Y/120 VOLT, 3PH, 4W, 60 Hz — 100% NEUTRAL BUS
LOCATION: DELI/BAKERY AREA — MAINS: 225 AMP [X] MLO — [*] LOCK ON CIRCUIT
FED FROM: PANEL D — ___ AMP MAIN BREAKER — [#] SHUNT TRIP
MOUNTING: [ ] UNITIZED SWITCHGEAR [X] FLUSH [ ] SURFACE — MINIMUM AIC RATING: 65 KA

| EMS LOAD | COND SIZE | WIRE SIZE | AMP TRIP (DEVICE) | POLES (DEVICE) | DESIGNATION (BRANCH CIRCUIT) | VOLT-AMPS | NO. | PHASE LOAD (VOLT-AMPS) A | B | C | NO. | VOLT-AMPS | DESIGNATION (BRANCH CIRCUIT) | POLES (DEVICE) | AMP TRIP (DEVICE) | WIRE SIZE | COND SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/2 | 12 | 15 | 1 | FROZEN DELI FANS {B2} | 121 | 1 | 305 | | | 2 | 184 | DELI COOLER FAN {A10} | 1 | 20 | 12 | 1/2 | |
| | 1/2 | 12 | 15 | 1 | FROZEN DELI A/S {B2} | 572 | 3 | | 1292 | | 4 | 720 | HEAT TAPE IN FREEZER | 1 | 20 | 12 | - | |
| 7 | 1/2 | 12 | 15 | 1 | FROZEN DELI LTS {B2} | 87 | 5 | | | 627 | 6 | 540 | DELI FREEZER COOLER LIGHTS | 1 | 20 | 12 | - | |
| | - | 12 | 20 | 1 | DELI FREEZER COOLER LIGHTS | 900 | 7 | 900 | | | 8 | 0 | SPARE | 1 | 20 | - | - | |
| | 1/2 | 12 | 20 | 1 | SELF CONTAINED DELI CASE | 1480 | 9 | | 2380 | | 10 | 900 | DELI LIGHTS | 1 | 20 | 12 | - | |
| | 1/2 | 12 | 20 | 1 | CAKE PRINTER | 240 | 11 | | | 1140 | 12 | 900 | DELI LIGHTS | 1 | 20 | 12 | - | |
| | 1/2 | 12 | 20 | 1 | CAKE MONITOR | 240 | 13 | 840 | | | 14 | 600 | HOOD EXHAUST CONTROLS LIGHTS#1 | 1 | 20 | 12 | 1/2 | |
| | 1/2 | 12 | 20 | 1 | DELI MONITOR RECPT | 240 | 15 | | 840 | | 16 | 600 | HOOD EXHAUST #1 | 1 | 20 | 12 | 1/2 | |
| | 1/2 | 12 | 20 | 1 | BREADER | 1080 | 17 | | | 1680 | 18 | 600 | HOOD EXHAUST CONTROLS LIGHTS#2 | 1 | 20 | 12 | 1/2 | |
| | 1/2 | 12 | 15 | 1 | HOT CASE RECPT | 180 | 19 | 780 | | | 20 | 600 | HOOD EXHAUST #2 | 1 | 15 | 12 | 1/2 | |
| | 1/2 | 12 | 20 | 1 | HOT CASE RECPT | 180 | 21 | | 1680 | | 22 | 1500 | RICE COOKER | 1 | 20 | 12 | 1/2 | |
| | 1/2 | 10 | 15 | 1 | INDUCTION OVEN | 1800 | 23 | | | 3300 | 24 | 1500 | RICE COOKER | 1 | 20 | 12 | 1/2 | |
| | 1/2 | 12 | 20 | 1 | ISLAND CASE RECPT | 360 | 25 | 720 | | | 26 | 360 | WRAPPER | 1 | 20 | 12 | 1/2 | |
| | - | - | 20 | 1 | SPARE | 0 | 27 | | 0 | | 28 | 0 | SPARE | 1 | 20 | - | - | |
| | 1/2 | 10 | 20 | 1 | DELI CASE FANS {A22} | 92 | 29 | | | 572 | 30 | 480 | BREAD SLICER | 1 | 15 | 12 | 1/2 | |
| 4 | 1/2 | 10 | 20 | 1 | DELI CASE LIGHTS {A22} | 495 | 31 | 1035 | | | 32 | 540 | SLICER AT TABLE | 1 | 20 | 12 | 1/2 | |
| | 1/2 | 10 | 15 | 1 | DELI CASE FANS {A23} | 610 | 33 | | 850 | | 34 | 240 | SCALE AT TABLE | 1 | 20 | 12 | 1/2 | |
| 4 | 1/2 | 10 | 15 | 1 | DELI CASE LIGHTS {A23} | 828 | 35 | | | 828 | 36 | 0 | SPARE | 1 | 20 | - | - | |
| | | 4 | | | | 6480 | 37 | 6720 | | | 38 | 240 | SCALE CASE | 1 | 20 | 12 | 1/2 | |
| | 1- | 4 | 60 | 3 | RTU-DB | 6480 | 39 | | 7020 | | 40 | 540 | SLICER AT CASE | 1 | 20 | 12 | 1/2 | |
| | 1/4 | 4 | | | | 6480 | 41 | | | 6960 | 42 | 480 | BUG ZAPPER | 1 | 20 | 12 | - | |
| | | | | | TOTALS PER PHASE | | | 11300 | 14062 | 15107 | | | TOTAL CONNECTED LOAD (VA) | | 40,469 | | | |

NOTES: EXISTING PANEL EXISTING INFORMATION FROM FOOD LION ASBUILTS, ELECTRICAL CONTRACTOR TO FIELD VERIFY PANEL CIRCUITS
ELECTRICAL CONTRACTOR TO REMOVE DOUBLE TERMINATION ON BREAKER, *LOCK ON BREAKER — BOLD INDICATES NEW WORK
MODIFY CIRCUITS IN PANEL AS INDICATED, **ELECTRICAL CONTRACTOR TO MOVE ANY OFFICE/FRONT END CIRCUITS TO PANEL OW, COORDINATE WITH FOOD LION CS
SEE SHEET E6.04 ELECTRICAL DEFICIENCIES TO BE REPAIRED LIST FOR FURTHER BREAKER INFORMATION D-34,36,37


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Project No.:
File Name: 1238 E4.01_00.dwg
Date: 02/14/2020
Revisions:

ENLARGED DELI/BAKERY ELECTRICAL PLAN

Electrical
**E4.01**

YCH Commission Number
19032.00


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## CHECKOUT INSTALLATION NOTES

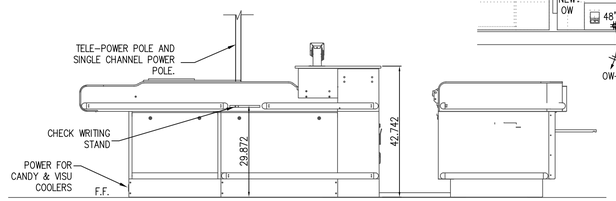
1. SEE SHEET E4.03 FOR WORKROOM, CUSTOMER SERVICE AND CHECKOUT COMMUNICATION WIRING.
2. MOUNT QUAD OUTLET FLUSH IN THE CHECKOUT STAND FOR THE VISU COOLER(S) AND LED CANDY RACK LIGHTING AT THIS LOCATION. RECEPTACLE TO BE MOUNTED 1'-4" A.F.F. IN THE SIDE NEAREST THE CASHIER AND ACCESSIBLE TO THE VISU COOLER 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.

## ELECTRICAL WIRING KEY NOTES (X)

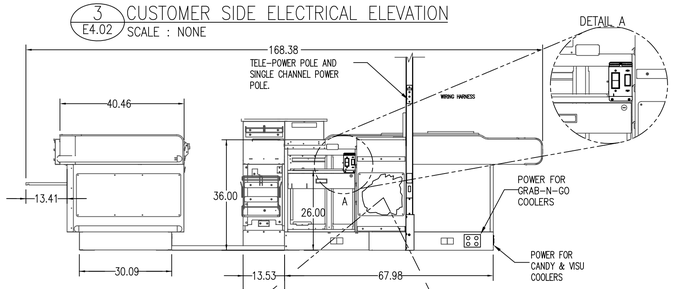
1. EXISTING PANEL SCHEDULE FOR PANEL OW, CR NOT LABELED CORRECTLY. ELECTRICAL CONTRACTOR TO TRACE AND FIELD VERIFY EACH CIRCUIT IN PANEL OW AND PROPERLY LABEL CIRCUITS IN TYPED WRITTEN PANEL SCHEDULE IN PANEL.
2. ELECTRICAL CONTRACTOR TO CONNECT POWER FOR NEW CHECK STAND "DIRTY POWER" AND VISU COOLERS TO EXISTING CIRCUITS IN PANEL OW MADE SPARE BY REMOVAL OF EXISTING CHECK STAND EQUIPMENT.
3. ELECTRICAL CONTRACTOR TO RECONNECT RELOCATED EQUIPMENT TO EXISTING CIRCUITS AT NEW LOCATION. EXTEND EXISTING CIRCUITRY AS REQUIRED.
4. VERIFY EXISTING CONDITIONS- CIRCUIT TO BE DEDICATED FED FROM CR PANEL, RE-CIRCUIT AS NECESSARY.
5. ELECTRICAL CONTRACTOR TO CONNECT NEW EQUIPMENT TO NEW CIRCUITS OR REUSE EXISTING CIRCUITS AS REQUIRED.
6. CONDUITS ON THIS WALL TO BE RECESSED BEHIND GWB.
7. DEDICATED 120V RECEPTACLES FOR NEXGEN DATA CABINET PROVIDED AND INSTALLED ABOVE CEILING BY SEPARATE OWNER CONTRACTOR.

## CHECKOUT WIRING LEGEND

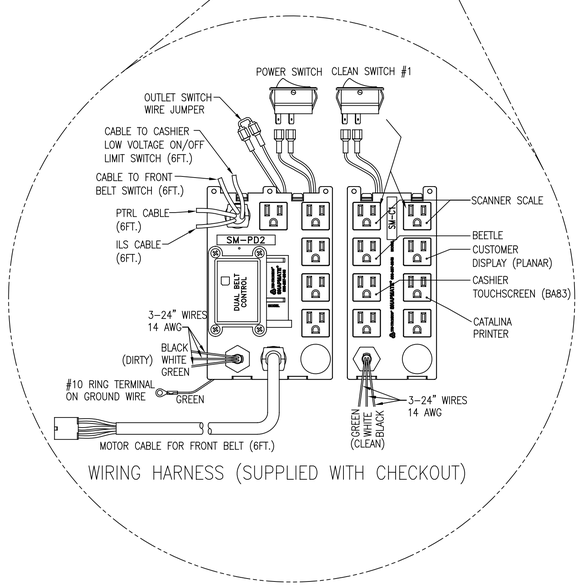
- DIRTY CIRCUIT No. 1 (BELT MOTOR, STAND LIGHT, GEN. RECEPS.)
- DIRTY CIRCUIT No. 2 (VISU COOLERS)
- CLEAN CIRCUIT No. 1 (REGISTER, CATALINA, DEBIT CARD, SCANNER & SCALE, SPARE RECEP.)



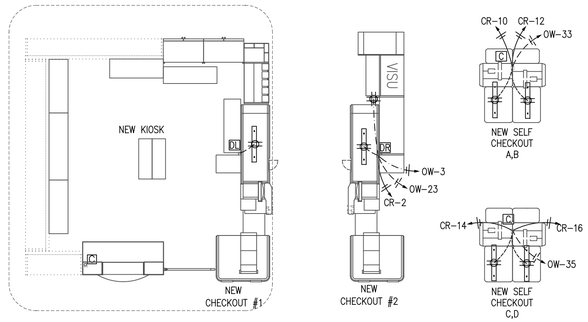

3 E4.02 CUSTOMER SIDE ELECTRICAL ELEVATION
SCALE : NONE

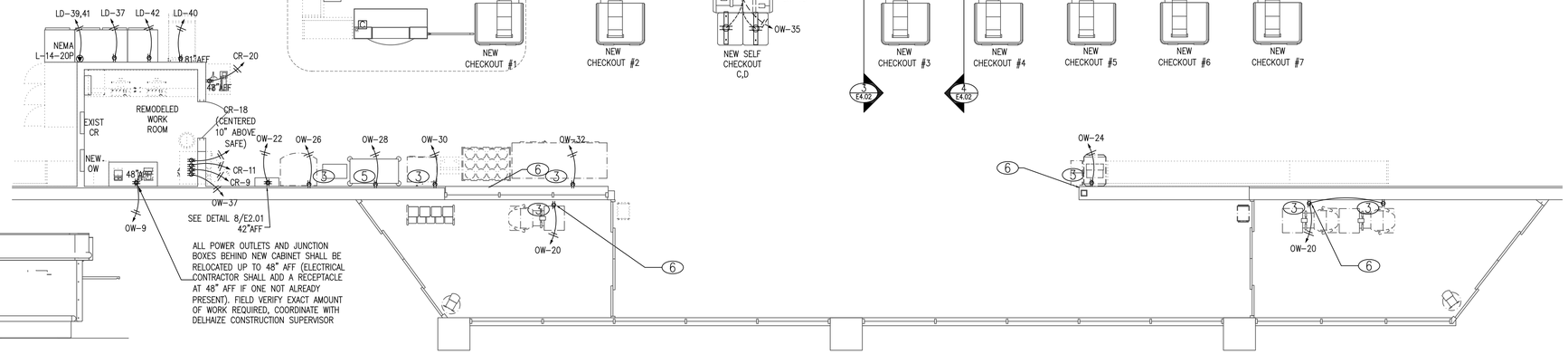



4 E4.02 ASSOCIATE SIDE ELECTRICAL ELEVATION
SCALE : NONE

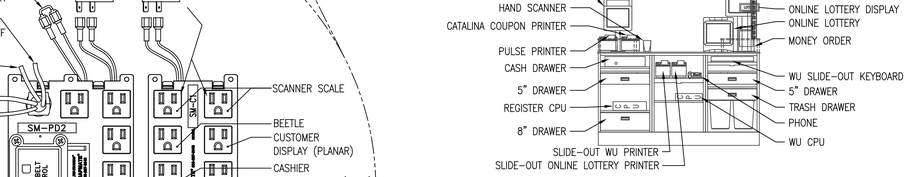



WIRING HARNESS (SUPPLIED WITH CHECKOUT)

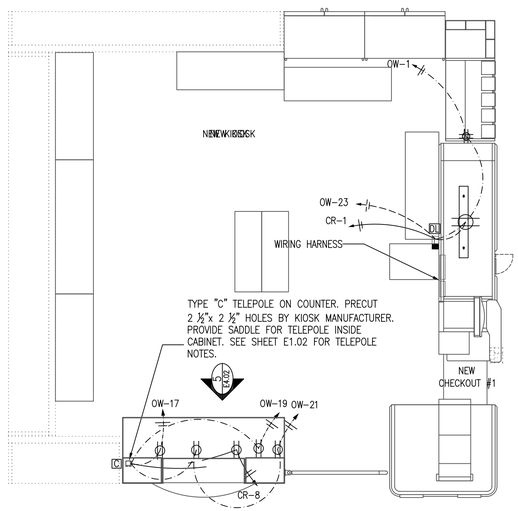



1 E4.02 ENLARGED ELECTRICAL POWER PLAN
SCALE : 3/16" = 1'-0"




5 E4.02 CUSTOMER SERVICE KIOSK ELECTRICAL ELEVATION
SCALE : NONE




2 E4.02 CUSTOMER SERVICE KIOSK ELECTRICAL PLAN
SCALE : 1/2" = 1'-0"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Revisions:

CUSTOMER SERVICE, WORKROOM, AND CHECKOUT POWER PLAN

Electrical
E4.02
YCH Commission Number
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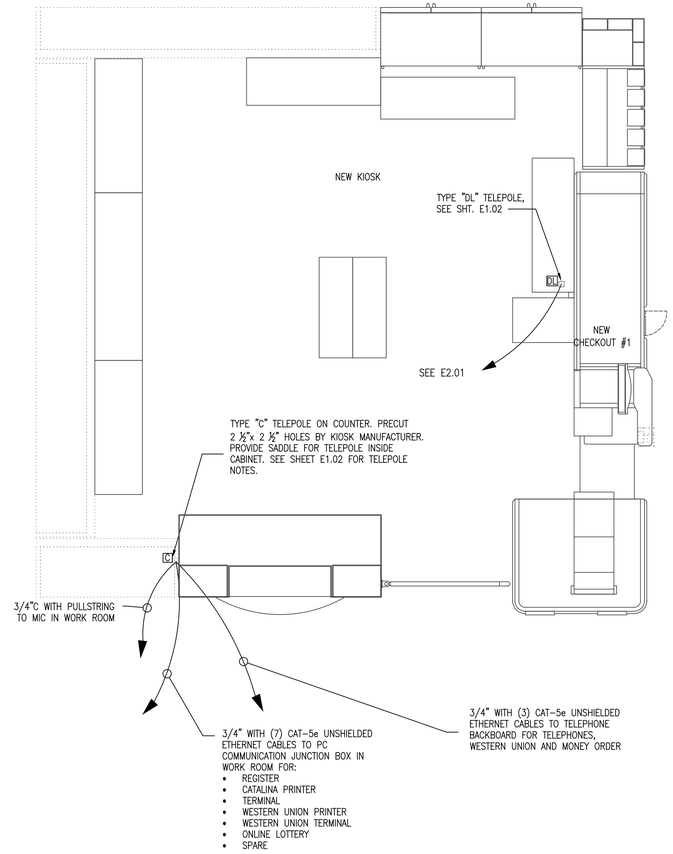
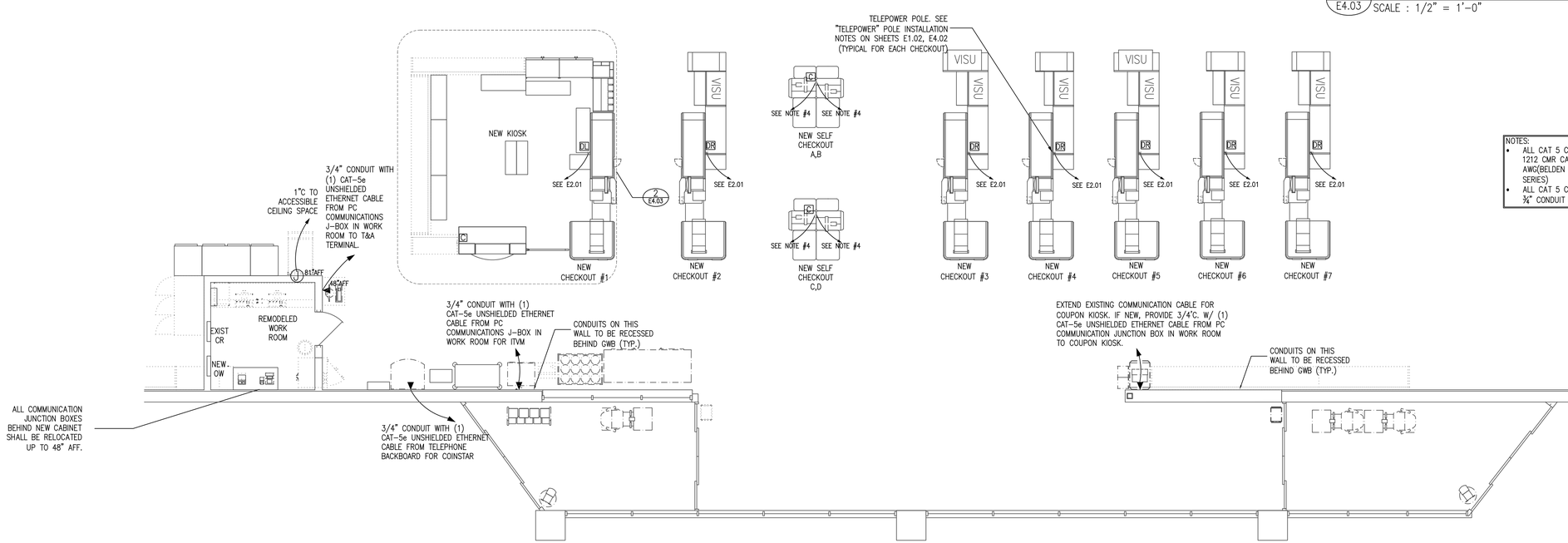



2 E4.03 CUSTOMER SERVICE KIOSK COMMUNICATIONS PLAN
SCALE : 1/2" = 1'-0"




NOTES:
- ALL CAT 5 CABLE SHALL BE BELDEN 1212 CMR CAT-5E 4 PAIR 24 AWG(BELDEN 1200 DATATWIST CABLE SERIES)
- ALL CAT 5 CABLE TO BE INSTALLED IN ¾" CONDUIT UNLESS NOTED OTHERWISE

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

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CUSTOMER SERVICE, WORKROOM, AND CHECKOUT COMMUNICATION PLAN

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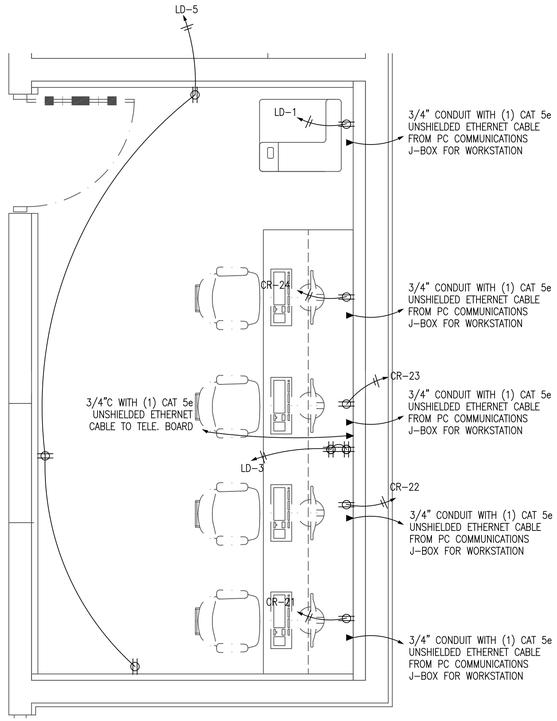
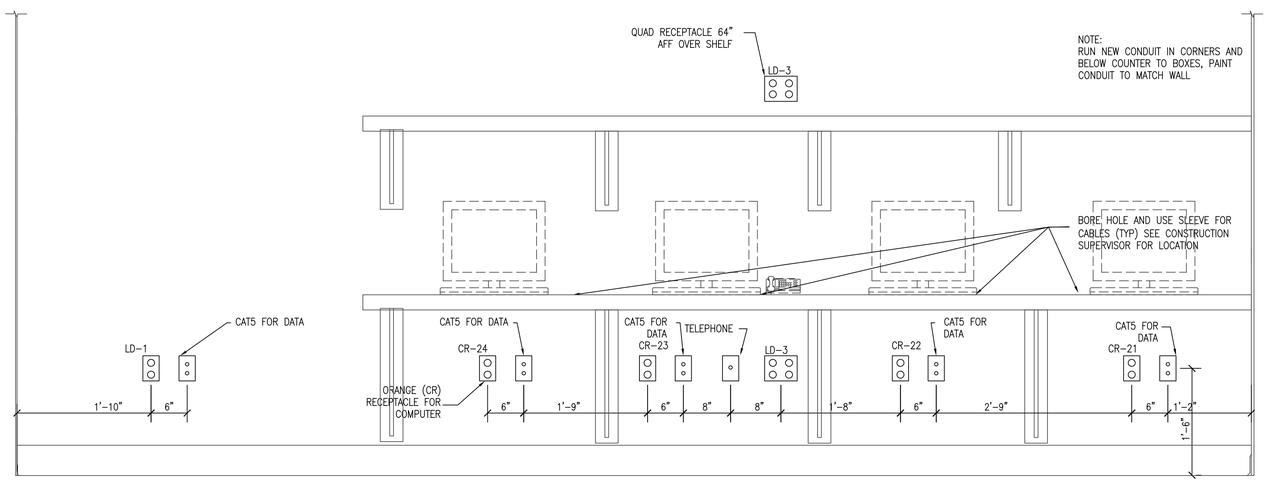



1 E4.04 ENLARGED STORE/DEPT. MANAGER POWER PLAN
SCALE : 1/2" = 1'-0"




2 E4.04 DEPARTMENT MANAGERS COUNTER ELEVATION
SCALE : NONE

## ELECTRICAL WIRING KEY NOTES (X)

1. VERIFY EXISTING CONDITIONS.
2. RECEPTACLE TO BE FED FROM DEDICATED CLEAN POWER CIRCUIT. RE-FEED CIRCUIT AS NECESSARY TO MEET CONSTRUCTION REQUIREMENTS.
3. RE-CIRCUIT FROM CLEAN POWER TO "DIRTY" POWER.
4. REMOVE / INSTALL TO FOOD LION STANDARDS. COORDINATE WITH FOOD LION CONSTRUCTION MANAGER.

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02/14/2020

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Revisions:
DEPARTMENT MANAGER'S OFFICE AND ASSOCIATES TRAINING POWER AND COMMUNICATION PLAN

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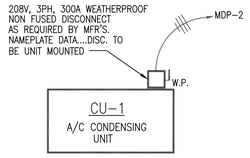
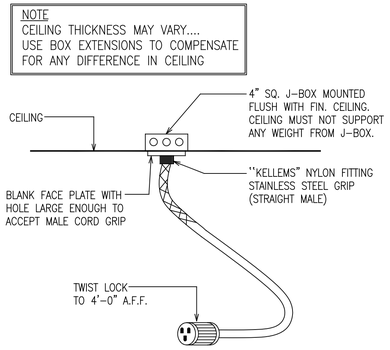
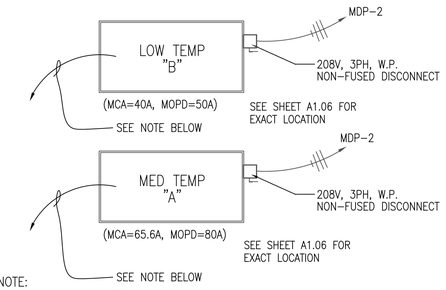



1 E5.01 ROOFTOP H.V.A.C. EQUIPMENT DETAIL
NOT TO SCALE

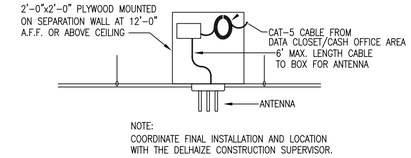



2 E5.01 HANGING TWIST LOCK DETAIL
NOT TO SCALE



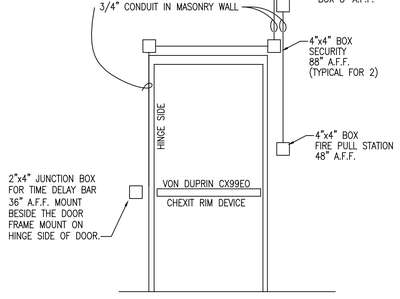

NOTE:
RUN A SEPARATE 3/4" CONDUIT FROM EACH REFRIGERATION CONTROLLER TO ITS RESPECTIVE CONDENSER, CONTAINING (1) 4-WIRE SHIELDED CABLE (BELDON #8760) FOR COMMUNICATION. ONLY SHIELDED CABLES SHALL BE RUN IN THIS CONDUIT.

3 E5.01 ELECTRICAL DETAIL FOR CONDENSERS ON ROOF
NOT TO SCALE

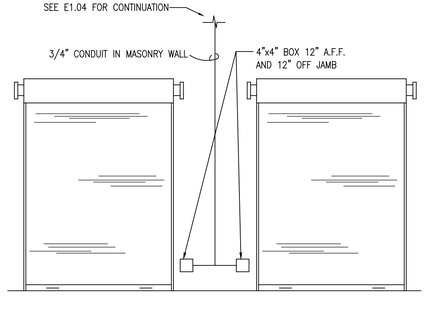



NOTE:
COORDINATE FINAL INSTALLATION AND LOCATION WITH THE DELHAIZE CONSTRUCTION SUPERVISOR.

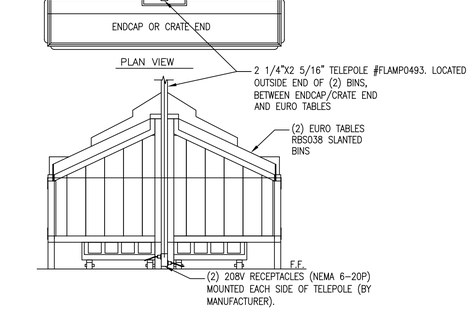
4 E5.01 CAT 5 CABLE PLYWOOD BACKBOARD DETAIL
NOT TO SCALE



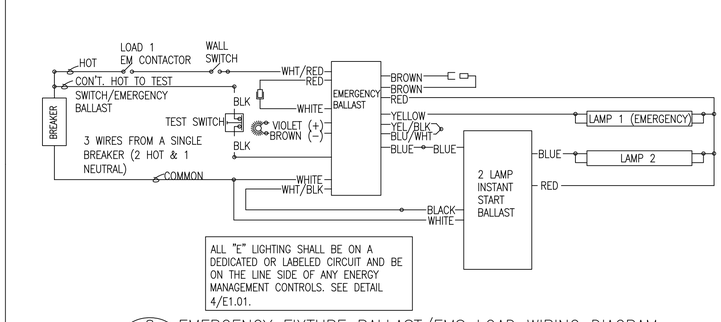

5 E5.01 SECURITY CONDUIT - DETAIL #1
NOT TO SCALE



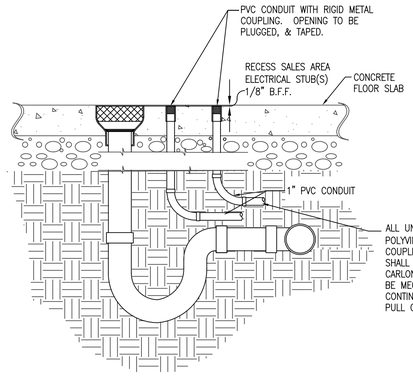

6 E5.01 SECURITY CONDUIT - DETAIL #2
NOT TO SCALE




7 E5.01 SIDE ELEVATION DUAL PRODUCE SLANT BINS
NOT TO SCALE




8 E5.01 EMERGENCY FIXTURE BALLAST/EMS LOAD WIRING DIAGRAM
NOT TO SCALE




9 E5.01 SALES FLOOR ELECTRICAL STUBS @ CASES
NOT TO SCALE

## LEGEND

| | | | |
|---|---|---|---|
| S | SINGLE POLE SWITCH | | DROP FROM CEILING |
| Swp | WEATHERPROOF SWITCH | | NEW FLOOR STUB-UP |
| Sp | SINGLE POLE SWITCH WITH PILOT LIGHT | | ELECTRICAL CONNECTION UNDER CASE |
| S3p | THREE-WAY SWITCH WITH PILOT LIGHT | | FLUORESCENT FIXTURE |
| $S_m$ | SINGLE POLE, MOTOR RATED SWITCH. | | LIGHT FIXTURE (SEE LIGHT FIXTURE SCHEDULE, SHEET E-1) |
| | DUPLEX RECEPTACLE | | EXIT LIGHT |
| W.P. | WEATHERPROOF RECEPTACLE | | EMERGENCY LIGHT FIXTURE |
| 4 | QUADRAPLEX RECEPTACLE | | FAN MOTOR (HORSEPOWER AS NOTED) |
| | SPECIAL PURPOSE OUTLET (TYPE AS NOTED) | | PUSHBUTTON |
| J | 4"X4" JUNCTION BOX | B | SIGNAL BELL |
| | TELEPHONE JACK | S | SENSOR, TEMP/HUMIDITY (HANDY BOX MTD.) |
| | MIC OR INTERCOM (AS NOTED) | SC | SCALE COMMUNICATION OUTLET |
| J | DISCONNECT SWITCH (TYPE AS NOTED) | | MOTOR STARTER |
| T | THERMOSTAT | | FLOOR BOX WITH BRASS TRIM AND DUPLEX RECEPTACLE. |
| | MAGNETIC SWITCH | | |


YCH ARCHITECTS
Architecture
Interior Design
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Project Management

STURGILL ENGINEERING PA
ONE SOUTH MAIN ST.
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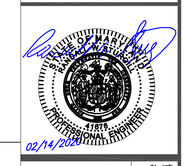
(336) 238-1249 PH.
(336) 236-0393 FAX
"PROFESSIONAL CERTIFICATION.

I certify that these documents were prepared or approved by me, and that I am a duly licensed engineer under the laws of the State of Maryland, license number 41676, expiration date 03-14-2021."


Professional Seals




Interior Alteration For:
FOOD LION
2110 Executive Drive, Salisbury, NC 28145/ Ph: 704.633.8250
11800 Old National Pike
New Market, MD 21774
Store No. 1238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File Name: 1238 E5.01_00.dwg
Date: 02/14/2020
Revisions:

ELECTRICAL DETAILS

Electrical
E5.01
YCH Commission Number
19032.00


7035 Northwinds Dr NW
Concord, NC 28027
704 . 788 . 2000
ycharch.com



\\SERVER\Folder Redirection\jpeck\Desktop\Work\1238-New Market, MD - 01\1238 E5.01_00.dwg

## PANEL: LA

VOLTAGE: 208Y/120 VOLT, 3PH, 4W, 60 Hz — 100% NEUTRAL BUS
LOCATION: ELECTRICAL ROOM — MAINS: 225 AMP [X] MLO — [*] LOCK ON CIRCUIT
FED FROM: MDP-2 — ___ AMP MAIN BREAKER — [ ] SHUNT TRIP
MOUNTING: [ ] UNITIZED SWITCHGEAR [ ] FLUSH [X] SURFACE — MINIMUM AIC RATING: 65 KA

| EMS LOAD | COND SIZE | WIRE SIZE | AMP TRIP | POLES | DESIGNATION | VOLT-AMPS | NO. | A | B | C | NO. | VOLT-AMPS | DESIGNATION | POLES | AMP TRIP | WIRE SIZE | COND SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1/2 | 10 | 20 | 1 | **SALES AREA LIGHTING (ROW 14)** | **1080** | 1 | 2160 | | | 2 | **1080** | **SALES AREA LIGHTING (ROW 14)** | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 5) | 555 | 3 | | 2115 | | 4 | 1560 | SALES AREA LIGHTING (ROW 14) | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 5) | 555 | 5 | | | 1333 | 6 | 778 | SALES AREA LIGHTING (ROW 2) | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 7) | 555 | 7 | 1333 | | | 8 | 778 | SALES AREA LIGHTING (ROW 2) | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 7) | 380 | 9 | | 935 | | 10 | 555 | SALES AREA LIGHTING (ROW 6) | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 9) | 380 | 11 | | | 935 | 12 | 555 | SALES AREA LIGHTING (ROW 6) | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 9) | 600 | 13 | 1860 | | | 14 | 1260 | SALES AREA LIGHTING (ROW 8) | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 11) | 1560 | 15 | | 2820 | | 16 | 1260 | SALES AREA LIGHTING (ROW 8) | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 11) | 1560 | 17 | | | 2820 | 18 | 1260 | SALES AREA LIGHTING (ROW 10) | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 13) | 611 | 19 | 1871 | | | 20 | 1260 | SALES AREA LIGHTING (ROW 10) | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 13) | 611 | 21 | | 1871 | | 22 | 1260 | SALES AREA LIGHTING (ROW 12) | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 3) | 555 | 23 | | | 1815 | 24 | 1260 | SALES AREA LIGHTING (ROW 12) | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 3) | 555 | 25 | 555 | | | 26 | 0 | SPARE | 1 | 20 | - | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 15) | 652 | 27 | | 1612 | | 28 | 960 | LEFT WALL ACCENT LIGHTS | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 15) | 744 | 29 | | | 2304 | 30 | 1560 | SALES AREA LIGHTING (ROW 16) | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 1) | 600 | 31 | 1860 | | | 32 | 1260 | SALES AREA LIGHTING (ROW 16) | 1 | 20 | 10 | - | |
| | - | - | 20 | 1 | SPARE | 0 | 33 | | 0 | | 34 | 0 | SPARE | 1 | 20 | - | - | |
| | - | - | 20 | 1 | SPARE | 0 | 35 | | | 1260 | 36 | 1260 | RIGHT WALL ACCENT LIGHTS | 1 | 20 | 10 | - | |
| | - | 12 | 20 | 1 | GROCERY STAGING LIGHTING | 652 | 37 | 1912 | | | 38 | 1260 | D/B CANOPY ACCENT LIGHTS | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 4) | 744 | 39 | | 744 | | 40 | 0 | SPARE | 1 | 20 | - | - | |
| | - | 10 | 20 | 1 | SALES AREA LIGHTING (ROW 4) | 600 | 41 | | | 600 | 42 | 0 | SPARE | 1 | 20 | - | - | |
| | | | | | TOTALS PER PHASE | | | 11551 | 10097 | 11067 | | | TOTAL CONNECTED LOAD (VA) | 32,715 | | | | |

NOTES: EXISTING PANEL EXISTING INFORMATION FROM FOOD LION ASBUILTS, ELECTRICAL CONTRACTOR TO FIELD VERIFY PANEL CIRCUITS
ELECTRICAL CONTRACTOR TO REMOVE ANY DOUBLE TERMINATION ON BREAKER — BOLD INDICATES NEW WORK

SEE SHEET E6.04 ELECTRICAL DEFICIENCIES TO BE REPAIRED LIST FOR FURTHER BREAKER INFORMATION D-56,58

## PANEL: LB

VOLTAGE: 208Y/120 VOLT, 3PH, 4W, 60 Hz — 100% NEUTRAL BUS
LOCATION: ELECTRICAL ROOM — MAINS: 225 AMP [X] MLO — [*] LOCK ON CIRCUIT
FED FROM: MDP-2 — ___ AMP MAIN BREAKER — [ ] SHUNT TRIP
MOUNTING: [ ] UNITIZED SWITCHGEAR [ ] FLUSH [X] SURFACE — MINIMUM AIC RATING: 65 KA

| EMS LOAD | COND SIZE | WIRE SIZE | AMP TRIP | POLES | DESIGNATION | VOLT-AMPS | NO. | A | B | C | NO. | VOLT-AMPS | DESIGNATION | POLES | AMP TRIP | WIRE SIZE | COND SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | - | 12 | 20 | 1 | RECEIVING AREA LIGHTS | 1200 | 1 | 1800 | | | 2 | 600 | WIRED BREAKER | 1 | 20 | 10 | - | |
| | - | - | 20 | 1 | SPARE | 0 | 3 | | 600 | | 4 | 600 | WIRED BREAKER | 1 | 20 | 10 | - | |
| | - | 12 | 20 | 1 | RESTROOM COORD LIGHTS | 560 | 5 | | | 1460 | 6 | 900 | MEAT PREP LIGHTS | 1 | 20 | 12 | - | |
| | - | 10 | 20 | 1 | WIRED BREAKER | 960 | 7 | 1860 | | | 8 | 900 | MEAT PREP LIGHTS | 1 | 20 | 12 | - | |
| | - | 10 | 20 | 1 | WIRED BREAKER | 960 | 9 | | 960 | | 10 | 0 | SPARE | 1 | 20 | - | - | |
| | - | 12 | 20 | 1 | JAN, PC, MT STOR EQ RM LIGHTS | 600 | 11 | | | 1200 | 12 | 600 | WIRED BREAKER | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | JAN, PC, MT STOR EQ RM FANS | 600 | 13 | 1320 | | | 14 | 720 | LOUNGE RECPT | 1 | 20 | 12 | - | |
| | - | - | 20 | 1 | SPARE | 0 | 15 | | 325 | | 16 | 325 | CORRIDOR RECPTS | 1 | 20 | 12 | - | |
| | - | 12 | 20 | 1 | WIRED BREAKER | 960 | 17 | | | 960 | 18 | 0 | SPARE | 1 | 20 | - | - | |
| | - | 12 | 20 | 1 | DOCK LIGHTS | 900 | 19 | 900 | | | 20 | 0 | SPARE | 1 | 20 | - | - | |
| | - | 10 | 20 | 1 | FRONT LIGHTS | 1200 | 21 | | 1800 | | 22 | 600 | WIRED BREAKER | 1 | 20 | 12 | - | |
| | - | 10 | 20 | 1 | FLY FAN | 1560 | 23 | | | 2280 | 24 | 720 | GROCERY STAGING RECPT | 1 | 20 | 12 | - | |
| | - | 10 | 20 | 1 | FLY FAN | 1560 | 25 | 2760 | | | 26 | 1200 | VESTIBLE LIGHTS | 1 | 20 | 10 | - | |
| 5 | 1/2 | 10 | 20 | 1 | **FOOD LION SIGN** | **600** | 27 | | 960 | | 28 | 360 | PRODUCE PREP RECEPTS | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | **SIGN (SPARE)** | **0** | 29 | | | 360 | 30 | 360 | WIRED BREAKER | 1 | 20 | 12 | - | |
| | - | 10 | 20 | 1 | **SIGN (SPARE)** | **0** | 31 | 360 | | | 32 | 360 | PRODUCE PREP RECEPTS | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | **SIGN (SPARE)** | **0** | 33 | | 360 | | 34 | 360 | WIRED BREAKER | 1 | 20 | 12 | - | |
| | - | 10 | 20 | 1 | **SIGN (SPARE)** | **0** | 35 | | | 360 | 36 | 360 | MEAT PREP RECPT | 1 | 20 | 12 | - | |
| | - | 10 | 20 | 1 | **SIGN (SPARE)** | **0** | 37 | 360 | | | 38 | 360 | MEAT PREP RECPT | 1 | 20 | 12 | - | |
| | - | 10 | 20 | 1 | **SIGN (SPARE)** | **0** | 39 | | 1200 | | 40 | 1200 | SALES AREA NIGHT EMERG LIGHTS | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | **SIGN (SPARE)** | 0 | 41 | | | 1200 | 42 | 1200 | GROCERY STAGING NIGHT EMERG LIGHTS | 1 | 20 | 12 | - | |
| | | | | | TOTALS PER PHASE | | | 9360 | 6205 | 7820 | | | TOTAL CONNECTED LOAD (VA) | 23,385 | | | | |

NOTES: EXISTING PANEL EXISTING INFORMATION FROM FOOD LION ASBUILTS, ELECTRICAL CONTRACTOR TO FIELD VERIFY PANEL CIRCUITS
ELECTRICAL CONTRACTOR TO REMOVE ANY DOUBLE TERMINATION ON BREAKER — BOLD INDICATES NEW WORK

SEE SHEET E6.04 ELECTRICAL DEFICIENCIES TO BE REPAIRED LIST FOR FURTHER BREAKER INFORMATION D-49,59

## PANEL: LC

VOLTAGE: 208Y/120 VOLT, 3PH, 4W, 60 Hz — 100% NEUTRAL BUS
LOCATION: ELECTRICAL ROOM — MAINS: 225 AMP [X] MLO — [*] LOCK ON CIRCUIT
FED FROM: MDP-2 — ___ AMP MAIN BREAKER — [ ] SHUNT TRIP
MOUNTING: [ ] UNITIZED SWITCHGEAR [ ] FLUSH [X] SURFACE — MINIMUM AIC RATING: 65 KA

| EMS LOAD | COND SIZE | WIRE SIZE | AMP TRIP | POLES | DESIGNATION | VOLT-AMPS | NO. | A | B | C | NO. | VOLT-AMPS | DESIGNATION | POLES | AMP TRIP | WIRE SIZE | COND SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6 | | | | 4330 | 1 | 4690 | | | 2 | 360 | GFCI RECPT ON ROOF | 1 | 20 | 10 | - | |
| | - | 6 | 60 | 3 | BALER | 4330 | 3 | | 4330 | | 4 | 0 | SPARE | 1 | 20 | - | - | |
| | | 6 | | | | 4330 | 5 | | | 4330 | 6 | 0 | SPARE | 1 | 20 | - | - | |
| | | 8 | | | | 3248 | 7 | 3248 | | | 8 | 0 | SPARE | 1 | 20 | - | - | |
| | - | 8 | 50 | 3 | MEAT GRINDER | 3248 | 9 | | 3248 | | 10 | 0 | SPARE | 1 | 20 | - | - | |
| | | 8 | | | | 3248 | 11 | | | 3478 | 12 | 230 | DIARY COOLER EVAP {A5} | 1 | 15 | 12 | - | |
| | | 10 | | | | 1299 | 13 | 1529 | | | 14 | 230 | PRODUCE COOLER EVAP {A8} | 1 | 15 | 10 | - | |
| | - | 10 | 20 | 3 | MEAT SAW | 1299 | 15 | | 1713 | | 16 | 414 | MEAT PREP EVAP {A6} | 1 | 15 | 12 | - | |
| | | 10 | | | | 1299 | 17 | | | 1575 | 18 | 276 | PRODUCE PREP EVAP {A9} | 1 | 15 | 12 | - | |
| | - | 10 | 30 | 2 | ICE MACHINE DISC | 0 | 19 | 540 | | | 20 | 540 | MEAT PREP WRAPER | 1 | 15 | 12 | - | |
| | | 10 | | | PRODUCE PREP | 0 | 21 | | 6000 | | 22 | 6000 | | | | 6 | | |
| | - | - | 30 | 2 | SPARE | 0 | 23 | | | 6000 | 24 | 6000 | WATER HEATER | 3 | 60 | 6 | - | |
| | | - | | | | 0 | 25 | 6000 | | | 26 | 6000 | | | | 6 | | |
| | - | - | 20 | 1 | SPARE | 0 | 27 | | 180 | | 28 | 180 | PROD MIST | **1** | **20** | 10 | - | |
| | - | - | 20 | 1 | SPARE | 0 | 29 | | | 720 | 30 | 720 | HT TAPE IC STORAGE FRZR | **1** | **20** | 12 | - | |
| | - | 10 | 30 | 2 | WATER HEATER | 2250 | 31 | 2250 | | | 32 | 0 | SPARE | 1 | 30 | - | - | |
| | | 10 | | | | 2250 | 33 | | 3210 | | 34 | 960 | BACK TO BACK CASE FAN | **1** | **20** | 10 | - | |
| | - | - | 20 | 1 | SPARE | 0 | 35 | | | 1500 | 36 | 1500 | WATER HEATER | 1 | 30 | 10 | - | |
| | - | - | 20 | 1 | SPARE | 0 | 37 | 0 | | | 38 | 0 | | | | - | | |
| | - | - | 20 | 1 | SPARE | 0 | 39 | | 0 | | 40 | 0 | SPARE | 3 | 70 | - | - | |
| | - | - | 20 | 1 | SPARE | 0 | 41 | | | 0 | 42 | 0 | | | | - | | |
| | | | | | TOTALS PER PHASE | | | 18,257 | 18,681 | 17,603 | | | TOTAL CONNECTED LOAD (VA) | 54,541 | | | | |

NOTES: EXISTING PANEL EXISTING INFORMATION FROM FOOD LION ASBUILTS, ELECTRICAL CONTRACTOR TO FIELD VERIFY PANEL CIRCUITS — BOLD INDICATES NEW WORK
ELECTRICAL CONTRACTOR TO REMOVE DOUBLE TERMINATION ON BREAKER

SEE SHEET E6.04 ELECTRICAL DEFICIENCIES TO BE REPAIRED LIST FOR FURTHER BREAKER INFORMATION D-50,51,52,60

## PANEL: LD (NEW)

VOLTAGE: 208Y/120 VOLT, 3PH, 4W, 60 Hz — 100% NEUTRAL BUS
LOCATION: ELECTRICAL ROOM — MAINS: 225 AMP [X] MLO — [*] LOCK ON CIRCUIT
FED FROM: MDP-2 — ___ AMP MAIN BREAKER — [ ] SHUNT TRIP
MOUNTING: [ ] UNITIZED SWITCHGEAR [ ] FLUSH [X] SURFACE — MINIMUM AIC RATING: 65 KA

| EMS LOAD | COND SIZE | WIRE SIZE | AMP TRIP | POLES | DESIGNATION | VOLT-AMPS | NO. | A | B | C | NO. | VOLT-AMPS | DESIGNATION | POLES | AMP TRIP | WIRE SIZE | COND SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/2 | 12 | 20 | 1 | LEXMARK COPIER DEPT MAN OFFICE | 600 | 1 | 2868 | | | 2 | 2268 | REFRIGERATED PRODUCE BIN | 2 | 20 | 10 | 1/2 | |
| | 1/2 | 12 | 20 | 1 | DEPT MAN OFFICE RECPT | 720 | 3 | | 2988 | | 4 | 2268 | (208/1P/60 18.9 MCA, 20A MOPD) | | | 10 | | |
| | 1/2 | 12 | 20 | 1 | DEPT MAN OFFICE RECPT | 720 | 5 | | | 2988 | 6 | 2268 | REFRIGERATED PRODUCE BIN | 2 | 20 | 10 | 1/2 | |
| | 1/2 | 12 | 20 | 1 | LOUNGE COFFEE | 1200 | 7 | 3468 | | | 8 | 2268 | (208/1P/60 18.9 MCA, 20A MOPD) | | | 10 | | |
| | 1/2 | 12 | 20 | 1 | LOUNGE REFRIGERATOR | 1200 | 9 | | 2868 | | 10 | 2268 | REFRIGERATED PRODUCE BIN | 2 | 20 | 10 | 1/2 | |
| | - | - | 20 | 1 | SPARE | 0 | 11 | | | 2268 | 12 | 2268 | (208/1P/60 18.9 MCA, 20A MOPD) | | | 10 | | |
| 1 | 1/2 | 10 | 20 | 1 | PRODUCE SALES AREA LIGHTING | 665 | 13 | 2933 | | | 14 | 2268 | REFRIGERATED PRODUCE BIN | 2 | 20 | 10 | 1/2 | |
| 2 | 1/2 | 10 | 20 | 1 | PRODUCE SALES AREA LIGHTING | 665 | 15 | | 2933 | | 16 | 2268 | (208/1P/60 18.9 MCA, 20A MOPD) | | | 10 | | |
| 1 | 1/2 | 10 | 20 | 1 | PRODUCE BUS STUT LIGHTS | 1800 | 17 | | | 4068 | 18 | 1668 | REFRIGERATED PRODUCE BIN | 1 | 20 | 10 | 1/2 | |
| 1 | 1/2 | 10 | 20 | 1 | PRODUCE BUS STUT LIGHTS | 1800 | 19 | 4068 | | | 20 | 2268 | REFRIGERATED PRODUCE BIN | 1 | 25 | 10 | 1/2 | |
| 1 | 1/2 | 10 | 20 | 1 | DELI SALES AREA LIGHTING | 1215 | 21 | | 2475 | | 22 | 1260 | PROD CASES MISTING SYSTEM | 1 | 20 | 12 | 1/2 | |
| 2 | 1/2 | 10 | 20 | 1 | DELI SALES AREA LIGHTING | 1215 | 23 | | | 1395 | 24 | 180 | PRODUCE AREA RECPT | 1 | 20 | 12 | 1/2 | |
| 1 | 1/2 | 10 | 20 | 1 | SALES AREA LIGHTING | 1215 | 25 | 1395 | | | 26 | 180 | MEAT PROMO RECPT | 1 | 20 | 12 | 1/2 | |
| 2 | 1/2 | 10 | 20 | 1 | SALES AREA LIGHTING | 1215 | 27 | | 1755 | | 28 | 540 | FLY TRAP/BUG ZAPPER | 1 | 20 | 12 | 1/2 | |
| 14 | 1/2 | 10 | 20 | 1 | PRODUCE WALLWASH LIGHTING | 1350 | 29 | | | 1524 | 30 | 174 | TF-2 | 1 | 20 | 12 | 1/2 | |
| 14 | 1/2 | 10 | 20 | 1 | BACKWALL WALLWASH LIGHTING | 1620 | 31 | 1620 | | | 32 | 0 | SPARE | 1 | 20 | - | - | |
| 14 | 1/2 | 10 | 20 | 1 | DAIRY WALLWASH LIGHTING | 1485 | 33 | | 1485 | | 34 | 0 | SPARE | 1 | 20 | - | - | |
| 14 | 1/2 | 10 | 20 | 1 | PRODUCE UP LIGHTING | 1350 | 35 | | | 1530 | 36 | 180 | PRIMO RECPT | 1 | 20 | 12 | 1/2 | |
| | 1/2 | 10 | 20 | 1 | E-COMMERCE REFRIGERATOR | 948 | 37 | 1128 | | | 38 | 180 | PRIMO RECPT | 1 | 20 | 12 | 1/2 | |
| | 1/2 | 10 | 20 | 2 | E-COMMERCE HOLDING CABINET | 1500 | 39 | | 1740 | | 40 | 240 | E-COMMERCE MONITOR | 1 | 20 | 12 | 1/2 | |
| | | 10 | | | | 1500 | 41 | | | 2880 | 42 | 1380 | E-COMMERCE FREEZER | 1 | 20 | 10 | 1/2 | |
| | | | | | TOTALS PER PHASE | | | 17480 | 16244 | 16653 | | | TOTAL CONNECTED LOAD (VA) | 50377 | | | | |

NOTES: NEW PANEL

## PANEL: PA

VOLTAGE: 208Y/120 VOLT, 3PH, 4W, 60 Hz — 100% NEUTRAL BUS
LOCATION: ELECTRICAL ROOM — MAINS: 225 AMP [X] MLO — [*] LOCK ON CIRCUIT
FED FROM: MDP-2 — ___ AMP MAIN BREAKER — [ ] SHUNT TRIP
MOUNTING: [ ] UNITIZED SWITCHGEAR [ ] FLUSH [X] SURFACE — MINIMUM AIC RATING: 65 KA

| EMS LOAD | COND SIZE | WIRE SIZE | AMP TRIP | POLES | DESIGNATION | VOLT-AMPS | NO. | A | B | C | NO. | VOLT-AMPS | DESIGNATION | POLES | AMP TRIP | WIRE SIZE | COND SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 1/2 | 10 | 15 | 1 | **PRODUCE CASE LIGHTS {A14}** | **414** | 1 | 1001 | | | 2 | **587** | **PRODUCE CASE LIGHTS {A12}** | 1 | 15 | 10 | 1/2 | 6 |
| | 1/2 | 10 | 15 | 1 | **PRODUCE CASE FAN {A14}** | **242** | 3 | | 702 | | 4 | **460** | **PRODUCE CASE FAN/DR A/S {A12}** | 1 | 15 | 10 | 1/2 | |
| | 1/2 | 10 | 15 | 1 | **MEAT CASE FANS {A20}** | **851** | 5 | | | 851 | 6 | **0** | **SPARE** | 1 | 15 | - | - | |
| 6 | 1/2 | 10 | 15 | 1 | **MEAT CASE LIGHTS {A20}** | **897** | 7 | 897 | | | 8 | **0** | **SPARE** | 1 | 15 | - | - | |
| 6 | 1/2 | 10 | 15 | 1 | **MEAT CASE LIGHTS {A18}** | **754** | 9 | | 754 | | 10 | **0** | **SPARE** | 1 | 15 | - | - | |
| | 1/2 | 10 | 15 | 1 | **MEAT CASE FANS {A18}** | **529** | 11 | | | 529 | 12 | 0 | **SPARE** | 1 | 15 | - | - | |
| | 1/2 | 10 | 15 | 1 | **MEAT CASE A/S {A18}** | **276** | 13 | 276 | | | 14 | 0 | **SPARE** | **1** | **20** | - | - | |
| | - | 10 | 15 | 1 | DAIRY CASE FANS {A1} | 108 | 15 | | 2028 | | 16 | 1920 | DAIRY CASE LIGHTS {A3} | 1 | 20 | 10 | - | |
| | - | 10 | 15 | 1 | DAIRY CASE LIGHTS {A1} | 756 | 17 | | | 1044 | 18 | 288 | DAIRY CASE FANS {A3} | 1 | 15 | 10 | - | |
| | - | 10 | 15 | 1 | FROZEN FOOD CASE FANS {B10} | 480 | 19 | 1614 | | | 20 | **1134** | **LUNCH CASE LIGHTS {A19}** | **1** | **20** | 10 | 1/2 | 6 |
| | - | 10 | 20 | 1 | FROZEN FOOD CASE LIGHTS {B10} | 1032 | 21 | | 1356 | | 22 | **324** | **LUNCH CASE FANS {A19}** | 1 | 15 | 10 | 1/2 | |
| | - | 12 | 20 | 1 | FROZEN FOOD CASE A/S {B10} | 1872 | 23 | | | 3006 | 24 | **1134** | **LUNCH CASE LIGHTS {A19}** | 1 | 20 | 10 | 1/2 | 6 |
| | - | 10 | 15 | 1 | DAIRY CASE FANS {A2} | 324 | 25 | 324 | | | 26 | **0** | **SPARE** | 1 | 20 | - | - | |
| | - | 10 | 15 | 1 | **DAIRY CASE LIGHTS {A2}** | **1340** | 27 | | 1340 | | 28 | **0** | **SPARE** | 1 | 20 | - | - | |
| | - | 12 | 20 | 1 | **DAIRY CASE LIGHTS {A2}** | **1340** | 29 | | | 1340 | 30 | **0** | **SPARE** | 1 | 15 | - | - | |
| | - | 10 | 15 | 1 | WIRED BREAKER | 600 | 31 | 600 | | | 32 | **0** | **SPARE** | 1 | 15 | - | - | |
| | 1/2 | 10 | 15 | 1 | **FROZEN MEAT CASE FANS {B5}** | **552** | 33 | | 552 | | 34 | **0** | **SPARE** | 1 | 20 | - | - | |
| | 1/2 | 10 | **20** | **1** | **FROZEN MEAT CASE LIGHTS {B5}** | **1056** | 35 | | | 1056 | 36 | **0** | **SPARE** | 1 | 20 | - | - | |
| 7 | 1/2 | 10 | 30 | 1 | **FROZEN MEAT CASE A/S {B5}** | **2280** | 37 | 2681 | | | 38 | 401 | **MEAT PROMO A/S {B4}** | 1 | 15 | **10** | 1/2 | |
| | - | 10 | 15 | 1 | DAIRY CASE FANS {A16} | 115 | 39 | | 322 | | 40 | 207 | **MEAT PROMO FANS {B4}** | 1 | 15 | **10** | 1/2 | |
| | - | 10 | 15 | 1 | DAIRY CASE LIGHTS {A16} | 763 | 41 | | | 763 | 42 | **0** | **SPARE** | 1 | 15 | - | - | |
| | | | | | TOTALS PER PHASE | | | 7393 | 7054 | 8589 | | | TOTAL CONNECTED LOAD (VA) | 23,036 | | | | |

NOTES: EXISTING PANEL EXISTING INFORMATION FROM FOOD LION ASBUILTS, ELECTRICAL CONTRACTOR TO FIELD VERIFY PANEL CIRCUITS
ELECTRICAL CONTRACTOR TO REMOVE ANY DOUBLE TERMINATION ON BREAKERS — BOLD INDICATES NEW WORK

SEE SHEET E6.04 ELECTRICAL DEFICIENCIES TO BE REPAIRED LIST FOR FURTHER BREAKER INFORMATION D-44,45,64

## PANEL: PB

VOLTAGE: 208Y/120 VOLT, 3PH, 4W, 60 Hz — 100% NEUTRAL BUS
LOCATION: ELECTRICAL ROOM — MAINS: 225 AMP [X] MLO — [*] LOCK ON CIRCUIT
FED FROM: MDP-2 — ___ AMP MAIN BREAKER — [ ] SHUNT TRIP
MOUNTING: [ ] UNITIZED SWITCHGEAR [ ] FLUSH [X] SURFACE — MINIMUM AIC RATING: 65 KA

| EMS LOAD | COND SIZE | WIRE SIZE | AMP TRIP | POLES | DESIGNATION | VOLT-AMPS | NO. | A | B | C | NO. | VOLT-AMPS | DESIGNATION | POLES | AMP TRIP | WIRE SIZE | COND SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | - | 10 | 30 | 1 | FROZEN FOOD A/S {B11} | 1872 | 1 | 2352 | | | 2 | 480 | FROZEN FOOD FANS {B8} | 1 | 15 | 10 | - | |
| | - | 10 | 15 | 1 | FROZEN FOOD FANS {B11} | 480 | 3 | | 1512 | | 4 | 1032 | FROZEN FOOD LIGHTS {B8} | **1** | **20** | 10 | - | |
| | - | 10 | **20** | **1** | FROZEN FOOD LIGHTS {B11} | 1032 | 5 | | | 2904 | 6 | 1872 | FROZEN FOOD A/S {B8} | 1 | 30 | 10 | - | |
| | - | 10 | 15 | 1 | FROZEN FOOD FANS {B7} | 480 | 7 | 2352 | | | 8 | 1872 | FROZEN FOOD A/S {B9} | 1 | 30 | 10 | - | |
| | - | 10 | 20 | 1 | FROZEN FOOD A/S {B7} | 1872 | 9 | | 2352 | | 10 | 480 | FROZEN FOOD FANS {B9} | 1 | 15 | 10 | - | |
| | - | 10 | 15 | 1 | FROZEN FOOD LIGHTS {B7} | 1032 | 11 | | | 2064 | 12 | 1032 | FROZEN FOOD LIGHTS {B9} | 1 | 15 | 10 | - | |
| | - | 10 | 20 | 1 | LIGHTS OFFICE | 600 | 13 | 1632 | | | 14 | 1032 | FROZEN FOOD LIGHTS {B6} | 1 | 15 | 10 | - | |
| | - | 10 | 20 | 1 | RECPT OFFICE | 720 | 15 | | 2592 | | 16 | 1872 | FROZEN FOOD A/S {B6} | **1** | **30** | 10 | - | |
| | | 12 | | | | 720 | 17 | | | 1200 | 18 | 480 | FROZEN FOOD FANS {B6} | 1 | 15 | 10 | - | |
| | - | 12 | 20 | 3 | EQUIPMENT ROOM EXHAUST FAN | 720 | 19 | 1801 | | | 20 | **1081** | **FROZEN FOOD A/S {B15}** | **1** | **20** | **10** | **1/2** | |
| | | 12 | | | | 720 | 21 | | 1387 | | 22 | **667** | **FROZEN FOOD LIGHTS {B15}** | **1** | **20** | **10** | **1/2** | 7 |
| | | 12 | | | | 720 | 23 | | | 1019 | 24 | **299** | **FROZEN FOOD FANS {B15}** | 1 | 20 | **10** | **1/2** | |
| | - | 12 | 20 | 3 | EQUIPMENT ROOM SUPPLY FAN | 720 | 25 | 1236 | | | 26 | 516 | FROZEN FOOD FANS {B12} | **1** | **20** | 10 | - | |
| | | 12 | | | | 720 | 27 | | 1956 | | 28 | 1236 | FROZEN FOOD LIGHTS {B12} | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | PROMO RECPT | 1200 | 29 | | | 3252 | 30 | 2052 | FROZEN FOOD A/S {B12} | 1 | 30 | 10 | - | |
| | - | 10 | 20 | 1 | PROMO RECPT | 1680 | 31 | 2148 | | | 32 | 468 | ICE CREAM FANS {B13} | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | WIRED BREAKER | 600 | 33 | | 1644 | | 34 | 1044 | ICE CREAM LIGHTS {B13} | 1 | 20 | 10 | - | |
| | - | 12 | 20 | 1 | WIRED BREAKER | 600 | 35 | | | 2292 | 36 | 1692 | ICE CREAM A/S {B13} | 1 | 20 | 10 | - | |
| | - | 10 | 20 | 1 | WIRED BREAKER | 600 | 37 | 1176 | | | 38 | 576 | ICE CREAM FANS {B14} | 1 | 20 | 10 | - | |
| | - | **12** | 20 | 2 | AC OFFICE | 1500 | 39 | | 2808 | | 40 | 1308 | ICE CREAM LIGHTS {B14} | 1 | 20 | 10 | - | |
| | | 12 | | | | 1500 | 41 | | | 3744 | 42 | 2244 | ICE CREAM A/S {B14} | 1 | 20 | 10 | - | |
| | | | | | TOTALS PER PHASE | | | 12697 | 14251 | 16475 | | | | 43,423 | | | | |

NOTES: EXISTING PANEL EXISTING INFORMATION FROM FOOD LION ASBUILTS, ELECTRICAL CONTRACTOR TO FIELD VERIFY PANEL CIRCUITS
ELECTRICAL CONTRACTOR TO REMOVE ANY DOUBLE TERMINATION ON BREAKER — BOLD INDICATES NEW WORK

SEE SHEET E6.04 ELECTRICAL DEFICIENCIES TO BE REPAIRED LIST FOR FURTHER BREAKER INFORMATION D-42,43,46,47,48,54

## PANEL: PC

VOLTAGE: 208Y/120 VOLT, 3PH, 4W, 60 Hz — 100% NEUTRAL BUS
LOCATION: ELECTRICAL ROOM — MAINS: 225 AMP [X] MLO — [*] LOCK ON CIRCUIT
FED FROM: MDP-2 — ___ AMP MAIN BREAKER — [ ] SHUNT TRIP
MOUNTING: [ ] UNITIZED SWITCHGEAR [ ] FLUSH [X] SURFACE — MINIMUM AIC RATING: 65 KA

| EMS LOAD | COND SIZE | WIRE SIZE | AMP TRIP | POLES | DESIGNATION | VOLT-AMPS | NO. | A | B | C | NO. | VOLT-AMPS | DESIGNATION | POLES | AMP TRIP | WIRE SIZE | COND SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | - | 10 | 20 | 1 | RAMP FLOOD, DOCK CANPOY | 1600 | 1 | 1996 | | | 2 | 396 | PC ROOM EX FAN | 1 | 20 | 12 | - | |
| | - | 10 | 20 | 1 | RECEPTACLE BETWEEN RECEIVING DOORS | 240 | 3 | | 1440 | | 4 | 1200 | CHARGER | 1 | 20 | 12 | - | |
| | | 12 | | | | 600 | 5 | | | 1800 | 6 | 1200 | CHARGER | 1 | 20 | 12 | - | |
| | - | 12 | **20** | **3** | **WIRED BREAKER** | 180 | 7 | 540 | | | 8 | 360 | ROOF RECPT | 1 | 20 | 12 | - | |
| | | 12 | | | | 600 | 9 | | 819 | | 10 | **219** | **DAIRY CASE LIGHTS {A3}** | 1 | 20 | **12** | **1/2** | **6** |
| | - | 10 | 20 | 1 | FLY FAN FF-2 | 1560 | 11 | | | 16 | 12 | **16** | **DAIRY CASE FANS {A3}** | 1 | 20 | **12** | **1/2** | |
| | - | - | 20 | 1 | SPARE | 0 | 13 | 600 | | | 14 | 0 | SPARE | 1 | 20 | - | - | |
| | - | 10 | 20 | 1 | WIRED BREAKER | 600 | 15 | | 2820 | | 16 | 1260 | WIRED BREAKER | 1 | 20 | 12 | - | |
| | - | 10 | 20 | 1 | FLY FAN FF-1 | 1560 | 17 | | | 2004 | 18 | 444 | DAIRY COOLER ICE CREAM FZR LIGHTS | 1 | 20 | 12 | - | |
| | - | - | 20 | 1 | SPARE | 0 | 19 | 480 | | | 20 | 480 | MEAT COOLER FRZR LIGHTS | **1** | **20** | 12 | - | |
| | - | 10 | 20 | 1 | RECPT | 180 | 21 | | 180 | | 22 | 0 | SPARE | 1 | 20 | - | - | |
| | - | 10 | 20 | 1 | RECPT | 180 | 23 | | | 180 | 24 | 0 | SPARE | 1 | 20 | - | - | |
| | - | 10 | 20 | 1 | RECPT | 180 | 25 | 1380 | | | 26 | **1200** | **MENS HAND DRYERS** | 1 | 20 | **12** | **1/2** | |
| | - | 12 | 20 | 1 | FANS OVER BACK TO BACK | 960 | 27 | | 2160 | | 28 | **1200** | **MENS HAND DRYERS** | 1 | 20 | **12** | **1/2** | |
| | - | - | 20 | 1 | SPARE | 0 | 29 | | | 1200 | 30 | **1200** | **WOMENS HAND DRYERS** | 1 | 20 | **12** | **1/2** | |
| | - | - | 20 | 1 | SPARE | 0 | 31 | 1200 | | | 32 | **1200** | **WOMENS HAND DRYERS** | 1 | 20 | **12** | **1/2** | |
| | - | 12 | 20 | 1 | RECPT | 180 | 33 | | 360 | | 34 | **180** | **RISER ROOM RECPT** | 1 | 20 | **12** | **1/2** | |
| | - | 10 | 15 | 1 | RECPT | 180 | 35 | | | 180 | 36 | 0 | SPARE | 1 | 20 | - | - | |
| | - | 10 | 20 | 1 | RECPT | 180 | 37 | 1380 | | | 38 | 1200 | WIRED BREAKER | 1 | 20 | 12 | - | |
| | - | 10 | 20 | 1 | RECPT | 180 | 39 | | 180 | | 40 | 0 | SPARE | 1 | 20 | - | - | |
| | - | - | 20 | 1 | SPARE | 0 | 41 | | | 0 | 42 | 0 | SPARE | 1 | 20 | - | - | |
| | | | | | TOTALS PER PHASE | | | 7576 | 7959 | 5380 | | | TOTAL CONNECTED LOAD (VA) | | | | | |

NOTES: EXISTING PANEL EXISTING INFORMATION FROM FOOD LION ASBUILTS, ELECTRICAL CONTRACTOR TO FIELD VERIFY PANEL CIRCUITS
ELECTRICAL CONTRACTOR TO REMOVE DOUBLE TERMINATION ON BREAKERS — BOLD INDICATES NEW WORK

SEE SHEET E6.04 ELECTRICAL DEFICIENCIES TO BE REPAIRED LIST FOR FURTHER BREAKER INFORMATION D-13,55,57

## PANEL: OW (NEW)

VOLTAGE: 240Y/120 VOLT, 1PH, 4W, 60 Hz — 100% NEUTRAL BUS
LOCATION: WORKROOM — MAINS: 225 AMP [X] MLO — [*] LOCK ON CIRCUIT
FED FROM: MDP — ___ AMP MAIN BREAKER — [ ] SHUNT TRIP
MOUNTING: [ ] UNITIZED SWITCHGEAR [X] FLUSH [ ] SURFACE — MINIMUM AIC RATING: 65 KA

| COND SIZE | WIRE SIZE | AMP TRIP | POLES | DESIGNATION | VOLT-AMPS | NO. | L1 | L2 | NO. | VOLT-AMPS | DESIGNATION | POLES | AMP TRIP | WIRE SIZE | COND SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/2 | 12 | 20 | 1 | GRAB-N-GO VISU | 1200 | 1 | 2400 | | 2 | 1200 | VISU COOLER REG 3 | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | VISU COOLER REG 2 | 1200 | 3 | | 2400 | 4 | 1200 | VISU COOLER REG 4 | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | DOOR OPENER LEFT | 1200 | 5 | 2400 | | 6 | 1200 | VISU COOLER REG 5 | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | DOOR OPENER LEFT | 1200 | 7 | | 2400 | 8 | 1200 | VISU COOLER REG 6 | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | DATA RECPT | 60 | 9 | 1260 | | 10 | 1200 | VISU COOLER REG 7 | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | SECURITY MONITOR/COMPUTER | 540 | 11 | | 1260 | 12 | 720 | WORK ROOM RECPT | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | DOOR OPENER RIGHT | 1200 | 13 | 1920 | | 14 | 720 | WORK ROOM RECPT | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | DOOR OPENER RIGHT | 1200 | 15 | | 1920 | 16 | 720 | WORK ROOM RECPT | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | KIOSK RECEPTACLE | 360 | 17 | 1080 | | 18 | 720 | SPRINKLER ALARM | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | KIOSK RECEPTACLE | 360 | 19 | | 960 | 20 | 600 | MART CART | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | KIOSK RECEPTACLE | 360 | 21 | 720 | | 22 | 360 | CHARGING RECPT | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | DIRTY POWER CHECKOUT 1 &2 | 1020 | 23 | | 1740 | 24 | 720 | COUPON KIOSK | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | DIRTY POWER CHECKOUT 3 & 4 | 1020 | 25 | 1740 | | 26 | 720 | COINSTAR | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | DIRTY POWER CHECKOUT 5 &6 | 1020 | 27 | | 1740 | 28 | 720 | RUG DOCTOR | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | DIRTY POWER CHECKOUT 7 | 1020 | 29 | 1740 | | 30 | 720 | LOTTO ITVM | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | ALARM BELL | 600 | 31 | | 1800 | 32 | 1200 | ICE MERCHANDIZER | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | SELF CHECKOUT A,B | 1260 | 33 | 2820 | | 34 | 1560 | AIR CURTAIN | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | SELF CHECKOUT C,D | 720 | 35 | | 2280 | 36 | 1560 | AIR CURTAIN | 1 | 20 | 12 | 1/2 |
| 1/2 | 12 | 20 | 1 | DATA RACK RECEPTACLES | 360 | 37 | 2760 | | 38 | 2400 | PANEL CR VIA UPS | 2 | 50 | 6 | 1 |
| - | - | 20 | 1 | SPARE | 0 | 39 | | 2400 | 40 | 2400 | | | | 6 | |
| | | | | TOTALS PER PHASE | | | 18840 | 18900 | | | TOTAL CONNECTED LOAD (VA) | | | | |
| | | | | TOTALS AMPS PER PHASE | | | 157 | 158 | | | | | | | |

NOTES: EXISTING PANEL EXISTING INFORMATION FROM FOOD LION ASBUILTS, ELECTRICAL CONTRACTOR TO FIELD VERIFY PANEL CIRCUITS
REPLACE EXISTING 24 CIRCUIT PANEL WITH NEW 40 CIRCUIT PANEL
ELECTRICAL CONTRACTOR TO REMOVE ANY DOUBLE TERMINATION ON BREAKERS 5,7,13,18 — BOLD INDICATES NEW WORK
SEE SHEET E6.04 ELECTRICAL DEFICIENCIES TO BE REPAIRED LIST FOR FURTHER BREAKER INFORMATION D-13,66

## PANEL: CR

VOLTAGE: 240Y/120 VOLT, 1PH, 4W, 60 Hz — 100% NEUTRAL BUS
LOCATION: WORKROOM — MAINS: 125 AMP [X] MLO — [*] LOCK ON CIRCUIT
FED FROM: UPS UNIT — ___ AMP MAIN BREAKER — [ ] SHUNT TRIP
MOUNTING: [ ] UNITIZED SWITCHGEAR [X] FLUSH [ ] SURFACE — MINIMUM AIC RATING: 65 KA

| COND SIZE | WIRE SIZE | AMP TRIP | POLES | DESIGNATION | VOLT-AMPS | NO. | L1 | L2 | NO. | VOLT-AMPS | DESIGNATION | POLES | AMP TRIP | WIRE SIZE | COND SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/2 | 12 | 15 | 1 | REGISTER #1 | 420 | 1 | 840 | | 2 | 420 | REGISTER #2 | 1 | 15 | 12 | 1/2 |
| 1/2 | 12 | 15 | 1 | REGISTER #3 | 420 | 3 | | 840 | 4 | 420 | REGISTER #4 | 1 | 15 | 12 | 1/2 |
| 1/2 | 12 | 15 | 1 | REGISTER #5 | 420 | 5 | 840 | | 6 | 420 | REGISTER #6 | 1 | 15 | 12 | 1/2 |
| 1/2 | 12 | 15 | 1 | REGISTER #7 | 420 | 7 | | 780 | 8 | 360 | KIOSK RECEPTACLE | 1 | 15 | 12 | 1/2 |
| 1/2 | 12 | 15 | 1 | DATA RACK RECEPTACLES | 360 | 9 | 780 | | 10 | 420 | SELF CHECKOUT A | 1 | 15 | 12 | 1/2 |
| 1/2 | 12 | 15 | 1 | DATA RACK RECEPTACLES | 360 | 11 | | 780 | 12 | 420 | SELF CHECKOUT B | 1 | 15 | 12 | 1/2 |
| 1/2 | 12 | 15 | 1 | DEPART MANAGER'S TERMINAL/PRINTER | 360 | 13 | 780 | | 14 | 420 | SELF CHECKOUT C | 1 | 15 | 12 | 1/2 |
| 1/2 | 12 | 15 | 1 | REGISTER MONITOR AND REPORT PRINTER | 840 | 15 | | 1260 | 16 | 420 | SELF CHECKOUT D | 1 | 15 | 12 | 1/2 |
| 1/2 | 12 | 15 | 1 | WINDOWS SERVER MONITOR | 480 | 17 | 1080 | | 18 | 600 | SAFE | 1 | 15 | 12 | 1/2 |
| 1/2 | 12 | 15 | 1 | REAR DSD EQUIPMENT | 360 | 19 | | 1080 | 20 | 720 | TIME AND ATTENDANCE | 1 | 15 | 12 | 1/2 |
| 1/2 | 12 | 15 | 1 | MANAGER OFFICE WORKSTATION #1 | 180 | 21 | 360 | | 22 | 180 | MANAGER OFFICE WORKSTATION #2 | 1 | 15 | 12 | 1/2 |
| 1/2 | 12 | 15 | 1 | MANAGER OFFICE WORKSTATION #3 | 180 | 23 | | 360 | 24 | 180 | MANAGER OFFICE WORKSTATION #4 | 1 | 15 | 12 | 1/2 |
| | | | | TOTALS PER PHASE | | | 4680 | 5100 | | | TOTAL CONNECTED LOAD (VA) | | | | |

NOTES: EXISTING PANEL EXISTING INFORMATION FROM FOOD LION ASBUILTS, ELECTRICAL CONTRACTOR TO FIELD VERIFY PANEL CIRCUITS
ELECTRICAL CONTRACTOR TO REMOVE DOUBLE TERMINATION ON BREAKER 14

SEE SHEET E6.04 ELECTRICAL DEFICIENCIES TO BE REPAIRED LIST FOR FURTHER BREAKER INFORMATION D-13,65

## PANEL:E

VOLTAGE: 208Y/120 VOLT, 3PH, 4W, 60 Hz — 100% NEUTRAL BUS
LOCATION: DELI/BAKERY AREA — MAINS: 125 AMP [X] MLO — [*] LOCK ON CIRCUIT
FED FROM: MDP-2 — ___ AMP MAIN BREAKER — [#] SHUNT TRIP
MOUNTING: [ ] UNITIZED SWITCHGEAR [X] FLUSH [ ] SURFACE — MINIMUM AIC RATING: 65 KA

| EMS LOAD | COND SIZE | WIRE SIZE | AMP TRIP | POLES | DESIGNATION | VOLT-AMPS | NO. | A | B | C | NO. | VOLT-AMPS | DESIGNATION | POLES | AMP TRIP | WIRE SIZE | COND SIZE | EMS LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | - | 12 | 20 | 1 | BURGLAR ALARM | 720 | 1 | 1440 | | | 2 | 720 | MEAT PREP SCALE | 1 | 20 | 12 | - | |
| | - | 12 | 20 | 1 | TELEPHONE BACKBOARD | 500 | 3 | | 860 | | 4 | 360 | PRODUCE PREP SCALE | 1 | 20 | 10 | - | |
| | - | 12 | 20 | 1 | TELEPHONE BACKBOARD | 500 | 5 | | | 500 | 6 | 0 | SPARE | 1 | 20 | - | - | |
| | - | 12 | 20 | 1 | EMCC/ECP | 360 | 7 | 1080 | | | 8 | 720 | CONTROLS FOR LIGHTS (BLUE) | 1 | 20 | 12 | - | |
| | - | - | 20 | 1 | SPARE | 0 | 9 | | 720 | | 10 | 720 | CONTROLS FOR LIGHTS (BLACK) | 1 | 20 | 12 | - | |
| | - | - | 20 | 1 | SPARE | 0 | 11 | | | 720 | 12 | 720 | CONTROLS FOR LIGHTS (RED) | 1 | 20 | 12 | - | |
| | - | 12 | 20 | 1 | FIRE ALARM | 600 | 13 | 960 | | | 14 | 360 | WIRED BREAKER | 1 | 20 | 12 | - | |
| | - | - | 20 | 1 | SPARE | 0 | 15 | | 0 | | 16 | 0 | SPARE | 1 | 20 | - | - | |
| | - | - | 20 | 1 | SPARE | 0 | 17 | | | 0 | 18 | 0 | SPARE | 1 | 20 | - | - | |
| | - | - | 20 | 1 | SPARE | 0 | 19 | 0 | | | 20 | 0 | SPARE | 1 | 20 | - | - | |
| | - | - | 20 | 1 | SPARE | 0 | 21 | | 0 | | 22 | 0 | SPARE | 1 | 20 | - | - | |
| | - | - | 20 | 1 | SPARE | 0 | 23 | | | 0 | 24 | 0 | SPARE | 1 | 20 | - | - | |
| | | | | | TOTALS PER PHASE | | | 3480 | 1580 | 1220 | | | TOTAL CONNECTED LOAD (VA) | 6,280 | | | | |

NOTES: EXISTING PANEL EXISTING INFORMATION FROM FOOD LION ASBUILTS, ELECTRICAL CONTRACTOR TO FIELD VERIFY PANEL CIRCUITS
ELECTRICAL CONTRACTOR TO REMOVE ANY DOUBLE TERMINATION ON BREAKERS — BOLD INDICATES NEW WORK

SEE SHEET E6.04 ELECTRICAL DEFICIENCIES TO BE REPAIRED LIST FOR FURTHER BREAKER INFORMATION D-61

## ELECTRICAL FEEDER SCHEDULE

| FEEDER AMPACITY | NO. OF SETS | FEEDER CONDUCTOR SIZE (75°C): COPPER CONDUCTORS (THWN) PHASE & NEUTRAL | COPPER GROUND & I.G. | ALUMINUM CONDUCTORS (THWN) PHASE & NEUTRAL | ALUMINUM GROUND & I.G. | CONDUIT SIZE (EMT): 3 PHASE CONDUCTORS AND GROUND COPPER FEEDERS | 3 PHASE CONDUCTORS AND GROUND ALUMINUM FEEDERS | 3 PHASE CONDUCTORS, NEUTRAL, AND GROUND COPPER FEEDERS | 3 PHASE CONDUCTORS, NEUTRAL, AND GROUND ALUMINUM FEEDERS |
|---|---|---|---|---|---|---|---|---|---|
| 20 | 1 | 12 | 12 | - | - | 3/4" | - | 3/4" | - |
| 30 | 1 | 10 | 10 | - | - | 3/4" | - | 3/4" | - |
| 40 | 1 | 8 | 10 | - | - | 3/4" | - | 3/4" | - |
| 50 | 1 | 8 | 10 | - | - | 3/4" | - | 3/4" | - |
| 60 | 1 | 6 | 10 | - | - | 3/4" | - | 1" | - |
| 70 | 1 | 4 | 8 | - | - | 1" | - | 1 1/4" | - |
| 80 | 1 | 4 | 8 | - | - | 1" | - | 1 1/4" | - |
| 100 | 1 | 3 | 8 | - | - | 1 1/4" | - | 1 1/4" | - |
| 110 | 1 | 2 | 6 | - | - | 1 1/4" | - | 1 1/4" | - |
| 125 | 1 | 1 | 6 | - | - | 1 1/4" | - | 1 1/2" | - |
| 150 | 1 | 1/0 | 6 | - | - | 1 1/2" | - | 2" | - |
| 175 | 1 | 2/0 | 6 | - | - | 2" | - | 2" | - |
| 200 | 1 | 3/0 | 6 | – | – | 2" | – | 2" | – |
| 225 | 1 | 4/0 | 4 | - | – | 2" | – | 2 1/2" | – |
| 250 | 1 | 250kcmil | 4 | - | – | 2 1/2" | – | 2 1/2" | – |
| 300 | 2 | 1/0 | 4 | – | – | 1 1/2" | – | 2" | – |
| 350 | 2 | 2/0 | 3 | – | – | 2" | – | 2" | – |
| 400 | 2 | 3/0 | 3 | – | – | 2" | – | 2" | – |
| 450 | 2 | 4/0 | 2 | – | – | 2" | – | 2 1/2" | – |
| 500 | 2 | 250kcmil | 2 | – | – | 2 1/2" | – | 2 1/2" | – |
| 600 | 2 | 350kcmil | 1 | – | – | 2 1/2" | – | 3" | – |
| 750 | 2 | 500kcmil | 1/0 | – | – | 3" | – | 3" | – |
| 800 | 3 | 300kcmil | 1/0 | 400kcmil | 3/0 | 2 1/2" | 2 1/2" | 2 1/2" | 3" |
| 1000 | 3 | 500kcmil | 2/0 | 600kcmil | 4/0 | 3" | 3" | 3 1/2" | 3 1/2" |

NOTES:
1.) SIZE BASED ON THE 2011 NEC EDITION. OTHER CONDITIONS MAY REQUIRE A LARGER CONDUIT, SIZED PER NEC.
2.) ALUMINUM WIRING ALTERNATE ACCEPTABLE FOR FEEDS TO MDP MAINS.

WHEN USING ALUMINUM ALTERNATE:
1.) THE SURFACE OF THE CONDUCTOR MUST BE WIRE-BRUSHED TO BREAK ANY ALUMINUM OXIDE BARRIER LEAVING A CLEAN SURFACE FOR CONNECTION.
2.) APPLY MANUFACTURER APPROVED ANTI-OXIDANT COMPOUND OR JOINT COMPOUND AT ALL ALUMINUM TERMINAL CONNECTIONS.
3.) ALL INTERIOR WIRING SHALL BE COPPER.

ELECTRICAL CONTRACTOR VERIFY ALL CIRCUITS IN ALL PANELS AND REMOVE ANY UNUSED CONDUCTORS IN ALL PANELS (FIELD VERIFY EACH BREAKER) AND MARK AS SPARE

NOTE:
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.

NOTE:
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.).

NOTE:
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.

NOTE:
ALL BRANCH CIRCUIT PANELBOARDS (NON-DELI/BAKERY) SHALL BE BALANCED TO WITHIN 10% PHASE TO PHASE. PERFORM/DOCUMENT AT LEAST THREE RANDOM AMPERAGE CHECKS AND RELOCATE CONTINUOUS LOADS TO ACCOMPLISH. FINAL ACCEPTANCE REQUIRES ALL PANEL SCHEDULES BE TYPE WRITTEN, DATED AND 100% ACCURATE (AS BUILT). A FOOD LION COMMISSIONING AGENT WILL VERIFY YOUR WORK AND PERFORM A THERMAL WARRANTY SCAN AT 30 DAYS POST GRAND OPENING.

NOTE:
FOR PANEL REQUIREMENTS VERIFY WITH REFRIGERATION SUMMARY. REFRIGERATION SUMMARY SHALL GOVERN DESIGN.

NOTES:
1. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY CIRCUIT, PROPERLY LABEL AND VERIFY THAT NO CIRCUITS ARE OVERLOADED AT END OF PROJECT AND RELABEL ALL PANELS IF INCORRECTLY LABELED, (INCLUDES MDP(S))
2. VACUUM ALL BRANCH CIRCUIT PANELS.
3. ELECTRICAL CONTRACTOR TO REMOVE ANY MULTIPLE LANDED CONDUCTORS ON A SINGLE BREAKER AND CONNECT EACH CONDUCTOR TO A SINGLE BREAKER.
4. ALL CIRCUITS FEEDING CASES SHALL BE LABELED WITH CASE REFRIGERATION CIRCUIT NUMBER ALONG WITH CASE TYPE. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL CIRCUITS.


YCH ARCHITECTS
Architecture
Interior Design
Land Planning
Project Management

STURGILL ENGINEERING PA
ONE SOUTH MAIN ST.
LEXINGTON, NC 27292
(336) 238-1249 PH.
(336) 236-6393 FAX


"PROFESSIONAL CERTIFICATION. I certify that these documents were prepared or approved by me, and that I am a duly licensed engineer under the laws of the State of Maryland, license number 41676, expiration date 03-14-2021."

Professional Seals

02/14/2020

Interior Alteration For:
FOOD LION
2110 Executive Drive, Salisbury, NC 28145 Ph: 704.633.8250
Store No. 1238
11800 Old National Pike
New Market, MD 21774


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Project No.:
File Name: 1238 E6.01_00.dwg
Date: 02/14/2020
Revisions:

ELECTRICAL PANEL SCHEDULES

Electrical
E6.01

YCH Commission Number
19032.00


7035 Northwinds Dr NW
Concord, NC 28027
704 . 788 . 2000
ycharch.com

## 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 | 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
1–2–3 HR UL PENETRATION (STEEL CONDUIT)

## 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
1–2–3 HR UL PENETRATION (STEEL CONDUIT)

### UL PENETRATING PROCEDURE DETAILS
NOT TO SCALE

UPS UNIT NOTES:

1. THIS DIAGRAM MUST BE FOLLOWED PER PROPER PHASING AND OPERATION.
2. PANEL 'CR' TO BE POWERED BY 208 VAC HOT, NEUTRAL AND ISOLATED GROUND.
3. ALL ELECTRICAL WIRING WILL BE DONE IN A MANNER ACCEPTABLE TO DELHAIZE AMERICA AND THE N.E.C.
4. FOR ANY QUESTIONS, CALL NATIONAL POWER CORPORATION AT (336) 613–3679.
5. NATIONAL POWER IS RESPONSIBLE FOR STARTING UP THE U.P.S. SYSTEM.
6. 6"x6"x4"D JUNCTION BOX SHALL BE FLUSH MOUNTED DIRECTLY BEHIND THE BYPASS SWITCH FOR CONCEALED UPS WIRING.

### 2 (E6.02) "UPS" UNIT WIRING DIAGRAM
NOT TO SCALE

## LIGHT FIXTURE SCHEDULE

| Fixture Type | Description | Manufacturer | Label | Watts | Volts | Note | Location |
|---|---|---|---|---|---|---|---|
| B | Avante 2L1x4 T8 Surface Suspended Fixture | Lithonia | AVSM 2 32 MDR DLS MVOLT OS10PSX | 52 | 120 | | Fluorescent restroom lights. |
| BE | Avante 2L1x4 T8 Surface Suspended Fixture w/EM | Lithonia | AVSM 2 32 MDR DLS MVOLT OS10PSX EL55 | 52 | 120 | | Fluorescent restroom lights. |
| BL | LED LINEAR CURVE Fixture, 37w, 4650 lumens, 35K | Elite | 4-OC1-LED-5000L-DIM10-MVOLT-35K-85 | | | | If anything other than recessed cans or Avante fixtures exist, replace with this fixture. Replace all fluorescent restroom lights with this fixture in LED stores. |
| BLE | LED LINEAR CURVE Fixture, 37w, 4650 lumens, 35K w/emeg battery backup | Elite | 4-OC1-LED-5000L-DIM10-MVOLT-35K-85-0-EMG-LED | | | | If anything other than recessed cans or Avante fixtures exist, replace with this fixture. Replace all fluorescent restroom lights with this fixture in LED stores. |
| E1 | Emergency light, 2 head | Mule | TSR-HO-W-IBM | 10.8 | MVOLT | | To be used when existing fixtures are off-white and store is getting all new finishes (cool color scheme) |
| XCL | LED Egress Light | Mule | MAKO-LED ACEM DB | 6 | 120 | | LED Exterior egress emergency light |
| XC | Egress Light | Lithonia | AFN DB EXT | 0.05 | 120 | | Exterior egress emergency light |
| EXL | Exit Sign, Polycarbonate, NiCad battery | Mule | MX-B-R-U | 4 | MVOLT | | White Interior EXIT sign |
| M | 2L2X4 Prismatic Troffer | Lithonia | 2GT8 2 32 RN A12 MVOLT OS10ISH | 52 | 120 | | Corridors/Offices/Lounge with lay-in ceiling. |
| ME | 2L2X4 Prismatic Troffer emergency | Lithonia | 2GT8 2 32 RN A12 MVOLT OS10ISH EL14 | 52 | 120 | | Same, emergecy light |
| M2 | 2L2X2 Prismatic Troffer | Lithonia | 2GT8 2 17 RN A12 MVOLT OS10ISH | 37 | MVOLT | | 2' version of M fixture (to be added as needed to boost light levels in dark areas) |
| O4 | 4' Led Lensed Strip Light | Lithonia | ZL1N L48 3000LM FST MVOLT 35K 80CRI | 32 | MVOLT | | Mount 4' to bulkhead to illuminate taste of inspirations board. |
| O4S | 4' Led Lensed Strip Light for Deli / Bakery suspended | Lithonia | ZL1N L48 3000LM FST MVOLT 35K 80CRI (ZACVH + CABLE) | 32 | MVOLT | | Suspended behind bulkhead to illuminate taste of inspirations board (when case doesn't run parallel to bulkhead) |
| QZA | 2L8' with Asymetric Reflector | Lithonia | TZ 1 32 MVOLT OS10IS Z8ASR48 | 52 | 120 | 4 | On top of cases (uplighting) |
| QZA1 | 1L4' with Asymetric Reflector | Lithonia | Z 1 32 MVOLT OS10IS Z8ASR48 | 27 | 120 | 4 | 4' version of QZA |
| QZAG | 2L8' with Asymetric Reflector , Grid Hung | Lithonia | TZ 1 32 MVOLT OS10IS Z8ASR48, ZSPRG | 52 | 120 | | Grid QZA (downlighting); department signage illumination |
| QZAG1 | 1L4' with Asymetric Reflector , Grid Hung | Lithonia | Z 1 32 MVOLT OS10IS Z8ASR48, ZSPRG | 27 | 120 | | 4' version of QZAG |
| QZAS | 2L8' with Asymetric Reflector , Suspended | Lithonia | TZ 1 32 MVOLT OS10IS Z8ASR48, ZACVH | 52 | 120 | 7 | Suspended QZA (downlighting); department signage illumination |
| QZAS1 | 1L4' with Asymetric Reflector , Suspended | Lithonia | Z 1 32 MVOLT OS10IS Z8ASR48, ZACVH | 27 | 120 | 7 | 4' version of QZAS |
| S | Down Light; Clear alzak refl w/lens | Lithonia | LF8N 2/26-42TRT MVOLT F803A CGL OSCF | 69 | 120 | | Existing recessed can-light in some restrooms; to be relamped to match existing |
| SL | LED recessed cans 8', 32W, 3500K | Green Creative | 32CDL8G4DIM/835/277 | 32 | 120 | | LED Recessed Can Light used in Energy Upgrades |
| SLE | LED 8', 32W, 3500K w-battery backup | Green Creative | 32CDL6G4DIM/835/277/EM | 32 | 120 | | LED Recessed Can Light w/ battery back up used in Energy Upgrades |
| T | LED Retrofit Kit; Clear alzak refl w/lens | Lithonia | LDN8RV 27/20 LR8AR LS MVOLT ELV | | MVOLT | | LED Retrofit Kit for existing Fluorescent Recessed Can Lights |
| U | 2L4' Wraparound | Lithonia | LB 2 32 MVOLT OS10ISH | 52 | 120 | | Corridors/Offices/Lounge with gypsum wall board ceiling |
| UE | 2L4' Wraparound with emergency | Lithonia | LB 2 32 MVOLT OS10ISH EL14 | 52 | 120 | | Same, emergency light |
| VL | 4' LED Walk-In Cooler/Freezer Fixture, 4000k | Power Concepts | LT-1228U-40 | 88 | 120 | | LED Prep Room Lights |
| X7 | 2x4 LED Troffer (lay-in) | Power Concepts | P-HT2F4119LO6A301 | 120 | MVOLT | | Deli/Bakery sales lights for stores with a lay-in ceiling |
| CL | 10"x3.5" Cylinder, suspended by 12" Stem (2x 6" w/ Coupling) 10 W, 1100 LUMENS, 3500K, Matte Black | Contech | CY3T-1-35K-12D1-RS-M-B with 6"STEM(A)-B | 10 | 120 | | Flagship Deli Pendants |
| K | LED Wall-Wash | Lumium/CED | O2-CSR-CR44'-35K-SO-UNV-ND-SW-MF-55-SW-W-CL-12 | | | | Garden Cooler wall-wash light |
| LU | 8' Linear Strip Linking Fixture, Starter/End/Middle Unit,80 watts, 9600 lumens, 3500K | Lite Sheet | BLSL-8-80-V-3580-(S,E,M)-CA-D | 80 | | | Exterior canopy light - installed in 1 continuous run. Could also use in an "open prep" room. |
| LU1 | 4' Linear Strip Linking Fixture, Starter/End/Middle Unit, 40 watts, 4800 lumens, 3500K | Lite Sheet | BLSL-4-40-V-3580-(S,E,M)-CA-D | 40 | | | Exterior canopy light - installed in 1 continuous run. Could also use in an "open prep" room. |
| AEI(8) | 6" WideT8 8' 2 L strip w/UNV IS Normal Power Ballast | AEI Lighting | T8ST-8FT-232-UNINP-NL-6" | 32 | 120 | | To be used in existing "belly pan" style stores for whole new rows only. Do not use this fixture to extend existing rows. |
| AEI(4) | 6" WideT8 4' 1 L strip w/UNV IS Normal Power Ballast | AEI Lighting | T8ST-4FT-232-UNINP-NL-6" | 32 | 120 | | To be used in existing "belly pan" style stores for whole new rows only. Do not use this fixture to extend existing rows. |

**EXAMPLES OF EXISTING SALES AREA LIGHTS**

| Fixture Type | Description | Manufacturer | Catalog Number | Watts | Volts | Note | Location |
|---|---|---|---|---|---|---|---|
| X | Continuous Recessed Row Fluorescent, 2L 8' | Lithonia | CRRS 2 96T8 120 OS10IS | 123 | MVOLT | | Existing Sales Area- lay-in ceiling with recessed fixtures |
| X1 | Continuous Recessed Row Fluorescent, 2L 4' | Lithonia | CRRS 2 32T8 120 OS10IS | 65 | MVOLT | | Existing Sales Area- lay-in ceiling with recessed fixtures |
| XX | Strip 2L8' | Lithonia | TC 2 32 MVOLT OS10IS | 65 | 120 | | Existing Sales Area- lay-in ceiling with surface-mounted fixtures |
| XX1 | Strip 1L4' | Lithonia | C 2 32 MVOLT OS10IS | 35 | 120 | | Existing Sales Area- lay-in ceiling with surface-mounted fixtures |
| XX2 | Strip 2L8' | Lithonia | C 2 96T8 MVOLT OS10IS | 98 | 120 | | Existing Sales Area- lay-in ceiling with surface-mounted fixtures |
| XAA | Fluorescent High Bay 4L8' straight blade louvers | Lithonia | TMS8 2 32 SBL WD MVOLT OS10ISH TILW CRM | 111 | 120 | 7 | Existing Sales Area- open structure with suspended fixtures. Typical in 35-05 style stores. If necessary, relocate existing fixtures to extend rows as needed and replace entire section with these, minus the louvers. Add to frozen food aisle on 35-05 style stores to match existing (with louvers). |
| XAA1 | Fluorescent High Bay 2L4' straight blade louvers | Lithonia | MS8 2 32 SBL WD MVOLT 2/1 OS10ISH CRM | 52 | 120 | 7 | Existing Sales Area- open structure with suspended fixtures. Typical in 35-05 style stores. If necessary, relocate existing fixtures to extend rows as needed and replace entire section with these, minus the louvers. Add to frozen food aisle on 35-05 style stores to match existing (with louvers). |
| XTT | SUSPENDED DIRECT INDIRECT | Peerlite | 10CRM8 3 32 30/70 4FT R4 120 GEB SCT L/LP F2 12 ACG CMG | 111 | 120 | 7 | Existing Vestible Area- open structure with suspended fixtures. Typical in 35-05 style stores. |

NOTE: NOT ALL FIXTURES USED ON THIS PROJECT

NOTE:

LIGHT FIXTURES SHALL BE MANUFACTURED BY LITHONIA 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.

## LIGHT FIXTURE SCHEDULE NOTES

1. LIGHT FIXTURES AND LAMPS SHALL BE PURCHASED FROM SYLVANIA LIGHTING SERVICES CORP. LIGHTING DESIGN AND PROJECT MANAGEMENT DEPARTMENT, 200 MIDWAY PARK DRIVE, MIDDLETON, NY 10940 AT THE NATIONAL CONTRACT PRICE. FOR PURCHASE, CONTACT LISA B. MASTIN AT 1–800–573–1514 EXT. 0066 EMAIL: lisab.mastin@sylvania.com; LED LIGHTS TO BE PURCHASED FROM POWER CONCEPTS; CONTACT NEIL CHABLEE (252) 723–9887 EMAIL Neil.Chamblee@gmail.com. ALL FIXTURES SHALL BE INSTALLED AND POWERED BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES, RATINGS, LENGTHS, ETC.
2. SEE SHEET E1.01 FOR MOUNTING HEIGHTS ALL LIGHTING FIXTURES. COORDINATE CABLE MOUNTING LENGTH WITH MOUNTING HEIGHT OF FIXTURE.
3. INSTALL 'SREP' CLIPS ON BOTH SIDES OF EACH ROW OF FIXTURES. PROVIDE BLACK MC POWER FEED. TIE WRAP MC CORD NEATLY TO AIRCRAFT CABLE.
4. FIXTURE TO BE MOUNTED ON TOP OF REFRIGERATED CASE. MOUNT FIXTURE 24" FROM CENTER OF FIXTURE TO FACE OF WALL. POSITION REFLECTOR TO FACE THE WALL.
5. TRACK SYSTEM SHALL BE SUSPENDED WITH AIRCRAFT CABLE. PROVIDE BLACK MC CORD POWER FEED FOR (2) CIRCUIT TRACK SECTION OF GRID. HARD WIRE POWERED TRACK SECTIONS TOGETHER VIA BLANK GRID SECTION. CIRCUITING OF TRACK HEADS SHALL BE DISTRIBUTED EVENLY AMONG CIRCUITS. ELECTRICAL CONTRACTOR TO INSTALL STEEL SAFETY CABLE PROVIDED WITH FIXTURE.
6. ALL LAMPS SHALL BE MANUFACTURED BY GENERAL ELECTRIC, SYLVANIA OR PHILLIPS, UNLESS NOTED OTHERWISE.
7. SUSPEND QZAS FIXTURES WITH AIRCRAFT CABLE. PROVIDE WHITE MC CABLE POWER FEED. TIE WRAP MC CABLE NEATLY TO AIRCRAFT CABLE.
8. PROVIDE TUBE SHIELDS FOR ALL LAMPS IN THE PRODUCE PREP AND SALES AND ALL FIXTURES IDENTIFIED WITH "TS".
9. MOUNTED TO BACK OF BULKHEAD
10. SEE NOTE SHEET E1.01 FOR LUMEN PACKAGE COLOR (6K OR 8K).

NOTES:

1. ELECTRICAL CONTRACTOR TO PROVIDE & MOUNT A DOUBLE POLE SINGLE THROW SWITCH.

### 3 (E6.02) WIRING DETAIL FOR THERMA–STOR III–1 RECLAIM WATER HEATER
NOT TO SCALE

## SYMBOL LEGEND

| Symbol | Description | Symbol | Description |
|---|---|---|---|
| S | SINGLE POLE SWITCH | | NEW FLOOR STUB–UP |
| S3 | THREE WAY SWITCH | | ELECTRICAL CONNECTION UNDER CASE |
| Sp | SINGLE POLE SWITCH w/ PILOT LIGHT INDICATOR | | FLUORESCENT FIXTURE |
| | DUPLEX RECEPTACLE | | LIGHT FIXTURE (SEE LIGHT FIXTURE SCHEDULE ON THIS SHEET) |
| W.P. | WEATHERPROOF RECEPTACLE | | EXIT LIGHT |
| 4 | QUADRAPLEX RECEPTACLE | | EMERGENCY LIGHT FIXTURE |
| | SPECIAL RECEPTACLE (TYPE AS NOTED) | | EXHAUST FAN |
| J | JUNCTION BOX | PB | PUSHBUTTON |
| | MICROPHONE | | SIGNAL BELL |
| | TELEPHONE JACK, 2"x4" UNLESS NOTED OTHERWISE | S | SENSOR....TEMP/HUMIDITY (HANDY BOX MTD.) |
| | DISCONNECT SWITCH (TYPE AS NOTED) | SC | SCALE COMMUNICATION OUTLET |
| | MAGNETIC SWITCH | # | ENERGY MANAGEMENT SYSTEM LOAD NUMBER |
| | DROP FROM CEILING | V | SPEAKER VOLUME CONTROL |

## HOOD SYSTEM WIRING DETAIL

| Motor | Type | PH | Volt | HP | FLA | BREAKER |
|---|---|---|---|---|---|---|
| Exh–1 | Exh | 1 | 115 | 0.333 | 6 | 15 Amp |

1 Phase Controls for 1 Exhaust fan. Includes 1 Light switch, 1 Fan switch, Exhaust in Fire, NC contact from EMS Panel for override of fan control, Double Dual Microswitch (extra) used for shutdowns. Fans ON/OFF thermostatically controlled.

NOTES

------ DENOTES FIELD WIRING
—— DENOTES INTERNAL WIRING

WIRE COLOR

BK – BLACK
BL – BLUE
BR – BROWN
OR – ORANGE
RD – RED
WH – WHITE
YW – YELLOW
GY – GRAY
PR – PURPLE
OR/BL –ORANGE/BLUE (STRIPE)
BL/RD – BLUE/RED (STRIPE)
RD/GN – RED/GREEN (STRIPE)

COMPONENT PARTS LIST

| LABEL | DESCRIPTION | LOCATION |
|---|---|---|
| C–x | Contactor | |
| ST–x | Starter | |
| OL–x | Overload | |
| FS–xx | Fan Switch (Lighted) | |
| LS–xx | Light Switch | |
| L | Hood Light(s) | |
| MS–x | MicroSwitch (Ansul/PyroChem) | |
| Rx | Relay DPDT – 34.110.0146.0 | |

TC–XX TEMPERATURE CONTROLLER PXR4–WAS1–GV0A7
SN–X RTD TEMPERATURE SENSOR (See Note 1)

DRAWING SHOWN DE–ENERGIZED

NOTE: IF WALL MOUNT PREWIRE, OR FIELD INSTALLED FIRE SYSTEM MICROSWITCH, THE TERMINALS SHOWING FACTORY WIRING MUST BE FIELD WIRED.

SPARE FIRE DRY CONTACTS

TERMINAL FOR FIELD WIRING TO BUILDING FIRE PANEL, DRY CONTACTS FOR SIGNAL ONLY

TERMINAL FOR FIELD WIRING TO MUA–1 O/A DAMPER, DRY CONTACTS FOR SIGNAL ONLY

TERMINAL FOR FIELD WIRING TO (spare) SHUTDOWN, DRY CONTACTS FOR SIGNAL ONLY

Rx RELAY SOCKET STYLE

NOTE 1: CT SENSOR FIELD WIRED WHEN RISERS SHIPPED LOOSE. WHEN MULTIPLE CT SENSORS USED ON ONE FAN SWITCH, EACH SENSOR IS WIRED TO ITS OWN CONTROLLER AND THE CONTROLLER TERMINALS 4, 7, 10 AND 11 ARE WIRED IN PARALLEL. TERMINALS 6 AND 8 ARE JUMPERED ON EACH CONTROLLER.

12 x 18 x 6 Box

1. CONNECT BALLAST "A" TO ENERGY LOAD 1(FACING REAR OF SALES AREA – RIGHT SIDE OF STORE)
2. CONNECT BALLAST "B" TO ENERGY LOAD 2(FACING FRONT OF SALES AREA – LEFT SIDE OF STORE)
3. CONNECT EACH "X" OR "XS" FIXTURE SO THAT LAMPS "A" ARE CONTROLLED BY BALLAST "A" AND ARE LOCATED ON THE SAME SIDE IN EACH FIXTURE OF THE ROW (TYP. FOR LAMPS AND BALLAST "B").

NOTE
*EVERY ROW CONSISTENTLY WIRED

### 1 (E6.02) MAIN SALES AREA LIGHTING WIRING DETAIL
NTS


YCH ARCHITECTS
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"PROFESSIONAL CERTIFICATION.
I certify that these documents were prepared or approved by me, and that I am a duly licensed engineer under the laws of the State of Maryland, license number 41676, expiration date 03-14-2021."

Professional Seals

STATE OF MARYLAND · RANDY W. STURGILL · 41676 · PROFESSIONAL ENGINEER
02/14/2020

Interior Alteration For:
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Project No.:
File Name: 1238 E6.02_00.dwg
Date: 02/14/2020
Revisions:

ELECTRICAL SCHEDULES AND DIAGRAMS

Electrical
**E6.02**
YCH Commission Number
19032.00


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## GENERAL ELECTRICAL NOTES:

1. ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE MOST RECENT ADOPTED NFPA, NATIONAL ELECTRIC 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 SUPERVISOR 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.

### 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 |

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 |

### 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 (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 (SPARE)

| LOCATION |
|---|
| |
| |

### 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 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, DECOR OR 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.

MECHANICAL:

18. 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.
19. 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.
20. 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.
21. 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 9 November 10, 2016

## 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.


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Project No.: 1238FLMK20
File Name: 1238 E6.03_00.dwg
Date: 02/14/2020
Revisions:

ELECTRICAL NOTES AND EMS LOAD SCHEDULE

Electrical
E6.03
YCH Commission Number
19032.00


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Concord, NC 28027
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# ELECTRICAL SYSTEM AND EQUIPMENT:

METHOD OF COMPLIANCE

ENERGY CODE: ☒PRESCRIPTIVE ☐PERFORMANCE
ASHRAE 90.1: ☐PRESCRIPTIVE ☐PERFORMANCE

LIGHTING SCHEDULE (EACH FIXTURE TYPE)

| | |
|---|---|
| LAMP TYPE REQUIRED IN FIXTURE | ( SEE FIXTURE SCHEDULE ) |
| NUMBER OF LAMPS IN FIXTURE | |
| BALLAST TYPE USED IN FIXTURE | |
| NUMBER OF BALLAST IN FIXTURE | |
| TOTAL WATTAGE PER FIXTURE | |
| TOTAL NEW INTERIOR WATTAGE SPECIFIED VS. ALLOWED (WHOLE BUILDING OR SPACE BY SPACE) | 1.1W/SQFT vs 1.3W/SQFT |
| TOTAL NEW EXTERIOR WATTAGE SPECIFIED VS. ALLOWED | NOT APPLICABLE |

ADDITIONAL PRESCRIPTIVE COMPLIANCE

- ☐506.2.1 MORE EFFICIENT MECHANICAL EQUIPMENT
- ☒506.2.2 REDUCED LIGHTING POWER DENSITY
- ☐506.2.3 ENERGY RECOVERY VENTILATION SYSTEMS
- ☐506.2.4 HIGHER EFFICIENCY SERVICE WATER HEATING
- ☐506.2.5 ON-SITE SUPPLY OF RENEWABLE ENERGY
- ☐AUTOMATIC DAYLIGHTING CONTROL SYSTEMS

DESIGNER STATEMENT:

To the best of my knowledge and belief, the design of this building complies with the electrical system and equipment requirements of the LOCAL ENERGY CODE.

SIGNED: Randall W. Sturgill

NAME: RANDALL W. STURGILL

TITLE: ELECTRICAL DESIGN ENGINEER

# LOAD BREAKDOWN

SERVICE : 120/208V-3PH-4W

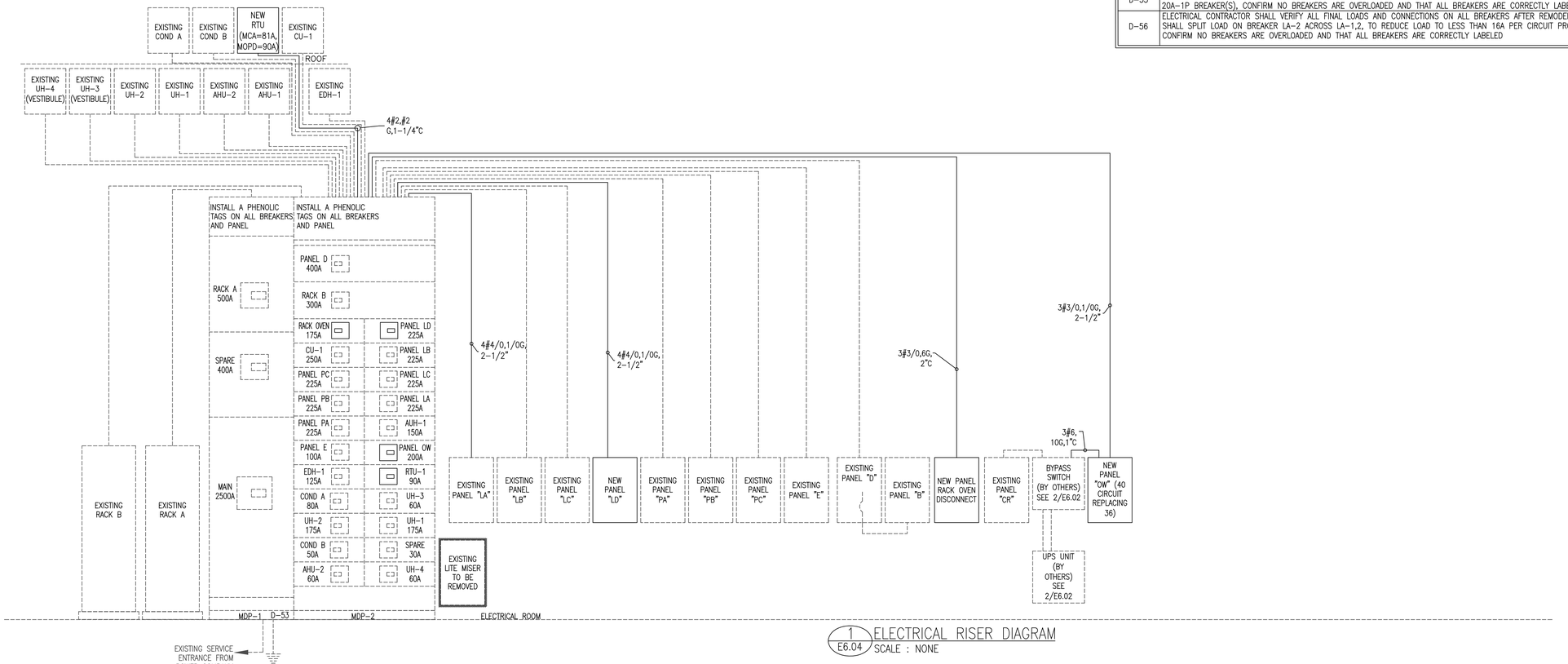
| CONNECTED LOAD | CONNECTED KVA |
|---|---|
| ADDED LIGHTING | 0.0 |
| KITCHEN EQUIPMENT (NET ADDITION W/ DIV.) | 49.6 |
| ADDED HVAC | 0.0 |
| ADDED REFRIGERATION | 0.0 |
| ADDED RECEPTACLE LOADS | 1.1 |
| ADDED MISC. LOADS | 29.0 |
| ADDED TOTAL | 79.7 |
| EXISTING DEMAND LOAD: 291 KWD ($\frac{1}{9}$PF)(1.25) | 404.2 |
| TOTALS: | 483.9 KVA |
| $\div \sqrt{3}$ 208V | =1344 AMPS |

NOTE:
1. EXISTING SERVICE LOAD HAS BEEN CALCULATED PER 220.87
2. NEW REFRIGERATION RACK AND REFRIGERATION CONDENSER LOADS OFFSET BY REMOVAL OF EXISTING.
3. NEW LIGHTING LOADS OFFSET BY REMOVAL OF EXISTING.

ELECTRICAL CONTRACTOR SWITCH GEAR NOTES:
ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW BREAKERS AS INDICATED
ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL IN EXISTING PANEL MDP-2:
1-3P-225A BREAKER FOR PANEL LD (65kA STYLE BREAKER)
1-3P-175A BREAKER FOR RACK OVEN (65kA STYLE BREAKER)
1-3P-90A BREAKER FOR RTU (65kA STYLE BREAKER)
1-2P-200A BREAKER FOR PANEL OW (65kA STYLE BREAKER)

COORDINATE FINAL REFRIGERATION SUMMARY WITH RISER DIAGRAM AND NOTIFY ENGINEER OF ANY DISCREPANCIES COORDINATE REFRIGERATION RACK(S) BREAKER WITH FINAL REFRIGERATION SUMMARY. PRIOR TO INSTALLATION.

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




1 E6.04 ELECTRICAL RISER DIAGRAM
SCALE : NONE

# 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.

| | | |
|---|---|---|
| D-5 | ELECTRICAL CONTRACTOR SHALL PROPERLY LABEL AND SCHEDULE ALL SWEAT MISER CIRCUITS, REPLACE WIRING / CRIMP TERMINALS AS NEEDED TO REPAIR ALL ISSUES MARKED WITH YELLOW TAPE | SEE SHEET E1.03, E6.01,E6.03,E6.04 |
| D-8 | THE ELECTRICAL CONTRACTOR SHALL TURN POWER OFF TO PANEL LA REMOVE LITE MISER PANEL, RECONNECT PANEL LA DIRECTLY TO MDP AND REMOVE CAUTION LABEL FROM PANEL LA | SEE SHEET E0.01, E6.04 |
| D-12 | ELECTRICAL CONTRACTOR SHALL SPLIT NEUTRALS ON ALL REFRIGERATION CASES THAT THE CASE LIGHT AND FANS SHARE NEUTRALS (THIS REFERS TO NEW AND RELOCATED CASE WORK ONLY, LIGHTS AND FANS ARE TO HAVE DEDICATED NEUTRALS. | SEE SHEET E1.03, E6.01 |
| D-13 | ELECTRICAL CONTRACTOR SHALL REMOVE DOUBLE TERMINATIONS (BREAKER CR-14, OW-5,7,13,18) AND INSTALL PROPER BREAKER TIES ON PC-5,7,9. BRANCH CIRCUIT PANEL BOARDS ARE NOT TO BE USED AS JUNCTION BOXES, REMOVE ANY JUNCTIONS IN BRANCH CIRCUIT PANEL BOARDS AND REMOVE ALL ADDITIONAL UNUSED WIRES. | SEE SHEET E6.01 |
| D-16,34, 42,57,58, 59,60,61, 64,65, 66,67 | ELECTRICAL CONTRACTOR SHALL NOTE ALL SCHEDULES ARE TO BE 100% ACCURATE, ON CARD STOCK, TYPED, DATED, AND INSTALLED IN A CLEAR POCKET. E.C. 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 WITH ENDING LOCATION NOTED. DO NOT REMOVE EXISTING PANEL SCHEDULES. ELECTRONIC COPIES OF ALL PANEL SCHEDULES ARE REQUIRED AT CLOSEOUT. | SEE SHEETS E4.01, E6.01 AND E6.04 |
| D-17 | ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE FINAL REFRIGERATION SUMMARY AND REPORT ANY DISCREPANCIES TO THE ELECTRICAL ENGINEER BETWEEN IT AND THE ELECTRICAL DESIGN. | SEE SHEET E6.04 |
| D-20 | ELECTRICAL CONTRACTOR SHALL INSTALL EMERGENCY EGRESS LIGHTING AS SHOWN ON SHEET E1.01 | SEE SHEET E1.01 |
| D-22 | ELECTRICAL CONTRACTOR SHALL REPLACE PANEL OW WITH NEW 40 CIRCUIT PANEL | SEE SHEET E0.01, E1.02, E6.01, E6.04 |
| D-29 | ELECTRICAL CONTRACTOR SHALL LABEL ALL REFRIGERATION CASES WITH PHENOLIC TAGS INDICATING CORRECT REFRIGERATION NUMBER. PHENOLIC TAGS SHALL BE BLACK ON WHITE 1.5" TALL ALL TAGS SHALL COORDINATE WITH ARC FLASH REPORT | SEE SHEET E1.03 |
| D-35 | ELECTRICAL CONTRACTOR SHALL VERIFY UPGRADE CONDUCTORS FOR RELOCATED ROTISSERIE, COORDINATE WIRE SIZE WITH NAMEPLATE OF EQUIPMENT PROVIDED. | SEE SHEET E4.01 |
| D-36 | ELECTRICAL CONTRACTOR SHALL VERIFY ALL FINAL LOADS AND CONNECTIONS ON ALL BREAKERS AFTER REMODEL, REPLACE B-25 WITH NEW 20A-1P BREAKER(S), CONFIRM NO BREAKERS ARE OVERLOADED AND THAT ALL BREAKERS ARE CORRECTLY LABELED | SEE SHEET E4.01 |
| D-37 | ELECTRICAL CONTRACTOR SHALL REPAIR BLUE CONDUCTOR PASSING THROUGH PANEL D AND B. BLUE CONDUCTOR ENTERING PANEL B TOP LEFT TIED TO GREEN WIRE WRAPPED WITH BLUE TAPE AT BOTTOM OF PANEL. TAPED CONDUCTOR RUNS TO PANEL D AND EXITS TOP OF PANEL IN MC. 2 AMP LOAD PRESENT, NOT TERMINATED TO BREAKER IN EITHER PANEL. REPAIR, REPLACE WITH PROPERLY COLORED CONDUCTOR, ENTIRE LENGTH. PANEL NOT TO BE USED AS RACEWAY. | SEE SHEET E4.01 |
| D-38 | ELECTRICAL CONTRACTOR SHALL LABEL BREAKER FEEDING PANEL B IN PANEL D WITH PHENOLIC TAGS. PHENOLIC TAGS SHALL BE BLACK ON WHITE 1.5" TALL ALL TAGS SHALL COORDINATE WITH ARC FLASH REPORT | SEE SHEET E4.01 |
| D-39, 40,41 | ELECTRICAL CONTRACTOR SHALL LABEL MDP-1, AND MDP-2 ENCLOSURE AND ALL BREAKERS IN MDP'S, AND BRANCH CIRCUIT PANELS WITH PHENOLIC TAGS. ALL BRANCH CIRCUIT PANELS, SAFETY DISCONNECTS, ELECTRICAL DISTRIBUTION EQUIPMENT, MAIN BREAKERS AND MAIN SERVICE DISCONNECTS AND LABELED WITH PHENOLIC TAGS. PHENOLIC TAGS SHALL BE BLACK ON WHITE 1.5" TALL ALL TAGS SHALL COORDINATE WITH ARC FLASH REPORT | SEE SHEET E6.04 |
| D-43 | ELECTRICAL CONTRACTOR SHALL REPLACE CONDUCTOR ON PB-36 WITH PROPERLY COLORED CONDUCTOR. TOP LEG OF 20 AMP 2-POLE BREAKER LABELED "AC OFFICE", 12, 12 AWG, HAS WHITE CONDUCTOR TERMINATED ON BREAKER. REPLACE WITH PROPERLY COLORED CONDUCTOR, ENTIRE LENGTH. | SEE SHEET E6.01 |
| D-44,45, 46,47,48, 49,50, 51,52, | ELECTRICAL CONTRACTOR SHALL VERIFY ALL FINAL LOADS AND CONNECTIONS ON ALL BREAKERS AFTER REMODEL, REPLACE LB-16, LC-28,30,34, PA-14,35, PB-4,5,26 PC-20 WITH NEW 20A-1P BREAKER(S), CONFIRM NO BREAKERS ARE OVERLOADED AND THAT ALL BREAKERS ARE CORRECTLY LABELED | SEE SHEET E6.01 |
| D-53 | ELECTRICAL CONTRACTOR SHALL FIX HOT TERMINATION ON MDP-1 LEGS BAND C. CRIMP LUG TERMINALS ON B & C PHASE HAVE BAD CONNECTIONS. THIS WILL REQUIRE A COORDINATED SHUTDOWN. ALL MECHANICAL / CRIMP CONNECTORS ON ALL PHASES ARE TO BE REPLACED OR REMOVED (TERMINATED DIRECTLY INTO LUG WITH ANTI-OXIDANT COMPOUND) TO PREVENT CREATING NEW BAD TERMINATIONS DURING ANY PARTIAL REPLACEMENT / REMOVAL PROCESS. ELECTRICAL CONTRACTOR SHALL COORDINATE ORDER AND DELIVERY WITH NATIONAL ACCOUNT VENDOR FOR ELECTRICAL GEAR. NO HOT WORK IS ALLOWED | SEE SHEET E6.04 |
| D-54 | ELECTRICAL CONTRACTOR SHALL VERIFY ALL FINAL LOADS AND CONNECTIONS ON ALL BREAKERS AFTER REMODEL, REPLACE PB-16 WITH NEW 30A-1P BREAKER(S), CONFIRM NO BREAKERS ARE OVERLOADED AND THAT ALL BREAKERS ARE CORRECTLY LABELED | SEE SHEET E6.01 |
| D-55 | ELECTRICAL CONTRACTOR SHALL VERIFY ALL FINAL LOADS AND CONNECTIONS ON ALL BREAKERS AFTER REMODEL, REPLACE PC-20 WITH NEW 20A-1P BREAKER(S), CONFIRM NO BREAKERS ARE OVERLOADED AND THAT ALL BREAKERS ARE CORRECTLY LABELED | SEE SHEET E6.01 |
| D-56 | ELECTRICAL CONTRACTOR SHALL VERIFY ALL FINAL LOADS AND CONNECTIONS ON ALL BREAKERS AFTER REMODEL, THE ELECTRICAL CONTRACTOR SHALL SPLIT LOAD ON BREAKER LA-2 ACROSS LA-1,2, TO REDUCE LOAD TO LESS THAN 16A PER CIRCUIT PROPERLY IDENTIFY CIRCUITS, CONFIRM NO BREAKERS ARE OVERLOADED AND THAT ALL BREAKERS ARE CORRECTLY LABELED | SEE SHEET E6.01 |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Date: 02/14/2020

Revisions:

ELECTRICAL RISER DIAGRAM AND NOTES

Electrical

E6.04

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