

REVISION / ISSUE HISTORY

REV	DATE	REVISION / ISSUE NAME
04/14/2023		PERMIT

PROJECT NO 2220380	DRAWN BY HM HM
PERMIT SUB DATE 04/14/2023	CHECKED BY CC CC

PROJECT
FOOD LION STORE #2594

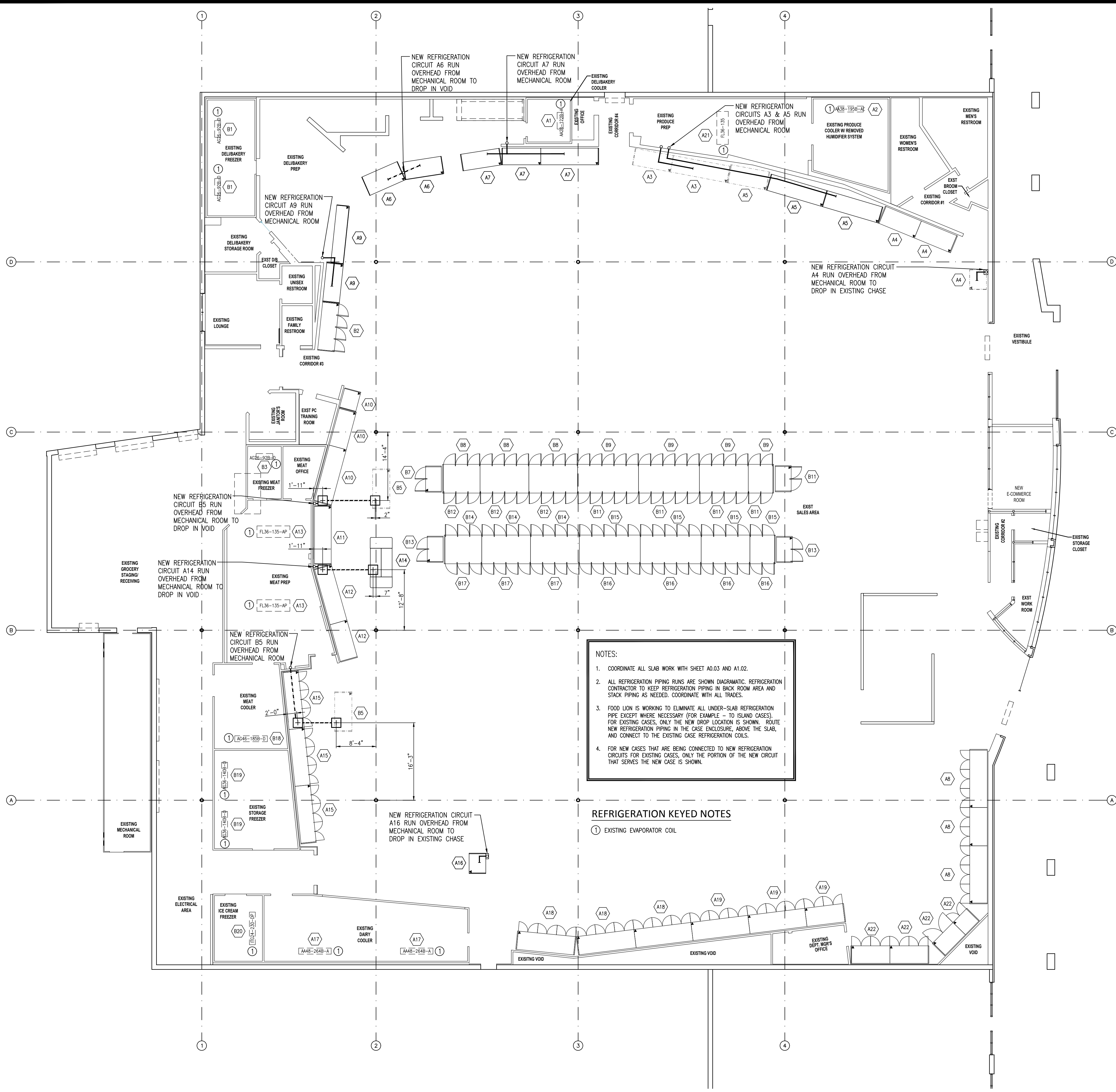
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SHEET TITLE
**REFRIGERATION PIT
 AND CONDUIT PLAN**

SHEET NO 2594P1.02_00 REV
P1.02



- GENERAL NOTES**
- DIMENSIONS TO BE MAINTAINED WITHIN ONE INCH AS SHOWN.
 - DIMENSIONS ARE SHOWN FROM INTERIOR SURFACE OF EXTERIOR BUILDING WALLS, OR CLOSEST EXISTING INTERIOR WALL.
 - 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 1/2" UNLESS NOTED OTHERWISE
 - REFRIGERATION CONDUIT TO BE INSTALLED LEVEL UNDER SLAB
 - NO REFRIGERATION CONDUIT RUNS SHALL BE STACKED UNDER SLAB
 - 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
 - REFRIGERATION CONTRACTOR IS RESPONSIBLE FOR SEALING, GROUTING & PATCHING AROUND REFRIGERATION LINES AT WALL PENETRATIONS.
 - REFRIGERATION CONTRACTOR TO ANCHOR ALL PROMO CASES TO FINISHED FLOOR AT ALL FOUR CORNERS OF CASE, AFTER ALL TESTING HAS BEEN COMPLETED.
 - MINIMUM SPACE BETWEEN UNDERSLAB PVC CONDUITS SHALL BE 4".
 - GENERAL CONTRACTOR TO CONSTRUCT BOXED ENCLOSURES AROUND EXPOSED REFRIGERATION LINES. UTILIZE 1/2" GYB. BD. ON 3 1/2" METAL STUDS. ALIGN WITH SALES AREA COLUMNS AND PAINT TO MATCH SURROUNDING SALES AREA DECOR.
 - 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.
 - WHEN REFRIGERATION LINES ARE PENETRATING ANY WALLS, GENERAL CONTRACTOR SHALL SEAL AROUND LINES WITH FOAM INSULATION.
 - 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.
 - 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.
 - EXISTING EVAPORATOR WITH REFRIGERANT LINES RUN OVERHEAD BACK TO THE EQUIPMENT ROOM.
 - REFRIGERATION CONTRACTOR IS RESPONSIBLE FOR CONNECTING/RECONNECTING CASE AND EVAPORATOR DRAINS.

REFRIGERATION LEGEND

- EXISTING ACCESS PIT TO BE FILLED WITH 2500 PSI CONCRETE
- EXISTING ACCESS PIT TO REMAIN
- NEW ACCESS PIT
- EXISTING EVAPORATOR COILS - REFRIGERANT PIPING TO REMAIN
- NEW EVAPORATOR COILS
- REFRIGERATION CIRCUIT
- EXISTING BELOW SLAB REFRIGERANT CONDUIT TO BE REUSED
- EXISTING BELOW SLAB REFRIGERANT CONDUIT TO BE ABANDONED
- EXISTING ABOVE CASE REFRIGERATION PIPING (TOP STUB)
- NEW OVERHEAD REFRIGERANT CONDUIT
- NEW BELOW SLAB REFRIGERANT CONDUIT
- NEW ABOVE SLAB AND BELOW CASE REFRIGERATION PIPING
- NEW ABOVE CASE REFRIGERATION PIPING (TOP STUB)

NOTES:

- COORDINATE ALL SLAB WORK WITH SHEET A0.03 AND A1.02.
- ALL REFRIGERATION PIPING RUNS ARE SHOWN DIAGNOSTIC. REFRIGERATION CONTRACTOR TO KEEP REFRIGERATION PIPING IN BACK ROOM AREA AND STACK PIPING AS NEEDED. COORDINATE WITH ALL TRADES.
- FOOD LION IS WORKING TO ELIMINATE ALL UNDER-SLAB REFRIGERATION PIPE EXCEPT WHERE NECESSARY (FOR EXAMPLE - TO ISLAND CASES). FOR EXISTING CASES, ONLY THE NEW DROP LOCATION IS SHOWN. ROUTE NEW REFRIGERATION PIPING IN THE CASE ENCLOSURE, ABOVE THE SLAB, AND CONNECT TO THE EXISTING CASE REFRIGERATION COILS.
- FOR NEW CASES THAT ARE BEING CONNECTED TO NEW REFRIGERATION CIRCUITS FOR EXISTING CASES, ONLY THE PORTION OF THE NEW CIRCUIT THAT SERVES THE NEW CASE IS SHOWN.

REFRIGERATION KEYED NOTES

① EXISTING EVAPORATOR COIL

NOTE:
 CASES, COOLER COILS, AND FREEZER COILS THAT ARE NOT SHOWN WITH NEW REFRIGERATION CIRCUITS ARE EXISTING, WITH EXISTING CIRCUITS.

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

