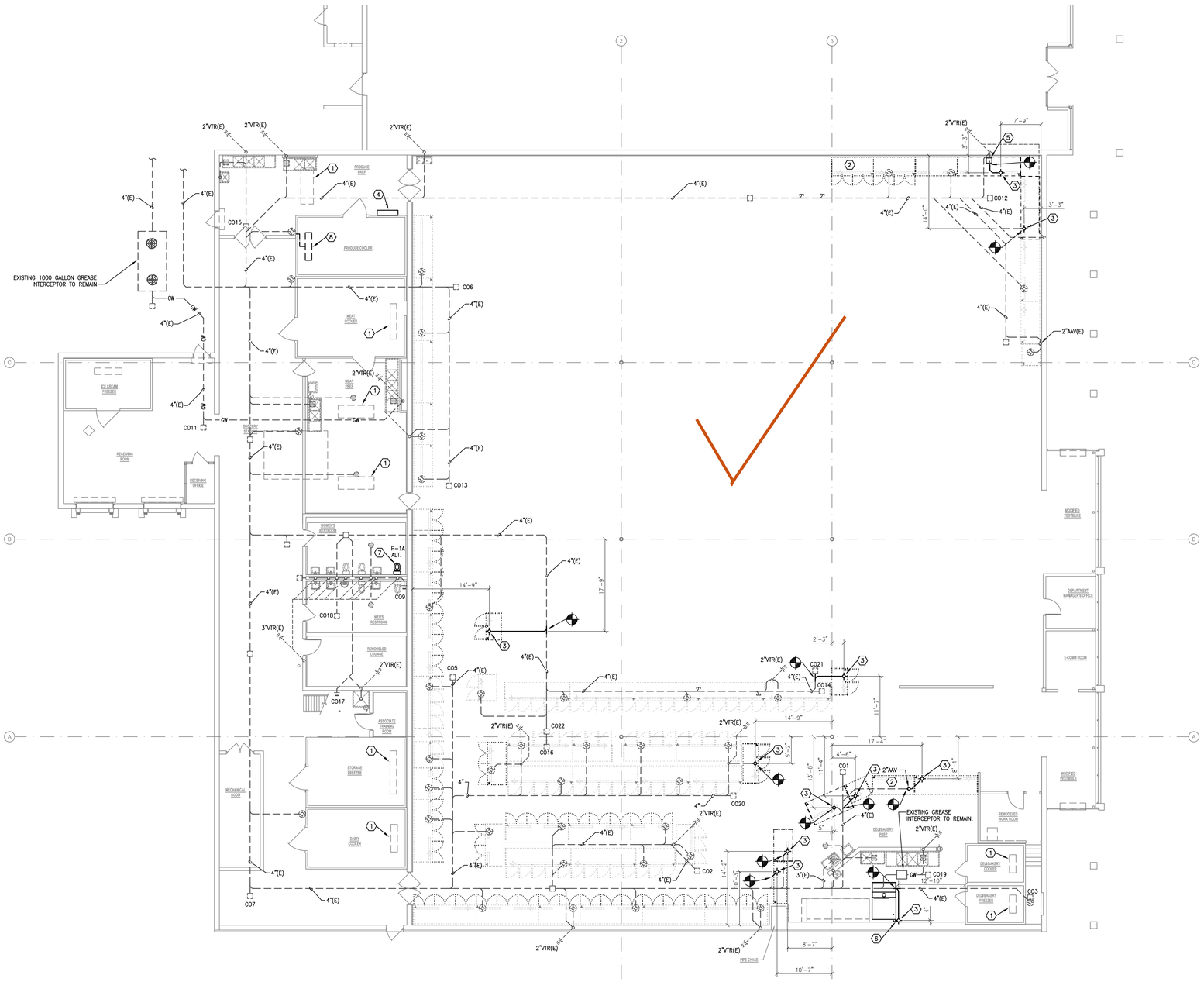
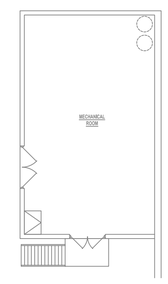


1 P1.01 SANITARY SEWER AND DRAIN PLAN
SCALE: 3/32" = 1'-0"



2 P1.01 MEZZANINE
SCALE: 3/32" = 1'-0"

PLUMBING LEGEND

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

GENERAL NOTES

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

QUALITY CONTROL NOTES:

6. GENERAL CONTRACTOR TO ENSURE:
   - POSITIVE DRAINING IN PREP AREAS, RESTROOMS AND COOLERS.
   - CLEAN OUT COVERS AND TILE RINGS TO BE FLUSH WITH FINISH FLOOR TILE.
   - NO FLOOR CLEANOUTS SHALL BE LOCATED IN AREAS WITH ACRYLIC RESIN FLOOR WHERE POSSIBLE. SEE SHEET A1.05.
   - SEE SHEET P6.01 FOR HUB DRAIN INSTALLATION DETAILS
7. PLUMBING CONTRACTOR SHALL COORDINATE FLOOR DRAIN LOCATIONS WITH GENERAL CONTRACTOR AND SHEET A1.02.
8. PLUMBING CONTRACTOR TO VERIFY THAT ALL SANITARY DRAINS AND HUB DRAINS ARE CLEAR OF DEBRIS. HUB DRAINS ARE TO BE TEMPORARILY SEALED WITH PVC PLUG UNTIL A CASE IS INSTALLED OR CONDENSATE IS FLOWING.
9. ALL SANITARY TEES SHALL BE COMBINATION TEES.
10. DIMENSIONS ARE SHOWN FROM INTERIOR SURFACE OF EXTERIOR BUILDING WALLS OR COLUMN CENTER LINE, UNLESS OTHERWISE INDICATED. DIMENSIONS SHALL BE MAINTAINED WITHIN ONE INCH AS INDICATED ON PLANS.
11. ~~PROVIDE "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-1B 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 FOOD LION CONSTRUCTION MANAGER.
17. WHERE EXISTING CLEANOUTS OCCUR UNDER CASEWORK, RELOCATE AS REQUIRED.
18. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR:
    - INSTALLING/RELOCATING HUB DRAINS (4" BELL HUBS ARE REQUIRED WHERE TWO CASES SHARE ONE CONDENSATE HUB IN THE FLOOR FOR EXISTING CASES. 4" BELL HUBS REQUIRED WHERE CASES ARE NEW OR RELOCATED). ALL EXPOSED HUBS SHALL BE 4" BELL TYPE WITH PVC SCREEN INSERTS. (NO MORE THAN TWO CASES CAN BE PIPED TO ONE HUB). PLUMBING CONTRACTOR WILL BE REQUIRED TO INSTALL HUBS AS NOTED ON THE PLANS AND SHALL NOT COMBINE HUBS IN AREAS OF NEW WORK.
    - VERIFYING ALL HUB DRAIN PLACEMENTS WITH THE DRAWINGS, CASE MANUFACTURER SPECS, AND THE CONSTRUCTION MANAGER. IF THIS IS NOT DONE, ALL ASSOCIATED COST WILL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR. ALL HUB DRAINS SHALL EXTEND ABOVE FINISHED FLOOR USING A 4" HUB BELL. (SEE HUB DRAIN DETAIL #5 ON SHEET P6.01)
    - HOOKING UP ALL PRODUCE & DARY 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 #34-4PWR). VERIFY COMPATIBILITY WITH DRAIN LINES. REPLACEMENT CONCRETE WHERE CONCRETE HAS BEEN REMOVED TO ACCOMPLISH THE WORK SHALL BE MINIMUM 3000 psi.
21. THE REFRIGERATION CONTRACTOR CAN TIE DRAINS FROM ADJECENT CASES INTO THE SAME HUB DRAIN ABOVE SLAB. TWO CASE MAXIMUM PER HUB DRAIN.
22. PLUMBING CONTRACTOR TO RUN COPPER DRAIN LINE FOR WALK-IN EVAPORATOR COILS.
23. FOR NEW AND RELOCATED TOILETS, INSURE THAT THE PROPER SIZED WAX RING AND IF NEEDED, TOILET FLANGE ADAPTOR ARE USED ALLOWING FOR BOTH A WATER TIGHT AND AIR TIGHT SEAL AT TOILET FLANGE CONNECTION.
24. SEAL JOINTS BETWEEN FIXTURES AND WALLS, FLOORS, AND COUNTERS USING SANITARY-TYPE ONE PART, MILDEW-RESISTANT SILICONE SEALANT. MATCH SEALANT TO FIXTURE COLOR. REFER TO SPECIFICATIONS.

WASTE AND VENT KEY NOTES

1. EXISTING CONDENSATE DRAINS FROM EVAPORATORS TO REMAIN.
2. TIE DRAIN FOR THIS CASE INTO HUB DRAIN OF A SIMILAR ADJACENT CASE ABOVE SLAB.
3. EXTEND 3" WASTE LINE TO NEW HUB DRAIN. VERIFY LOCATION WITH OWNER PRIOR TO CONSTRUCTION. REPAIR FLOOR TO MATCH EXISTING. SEE DETAIL ON SHEET P6.01.
4. EXTEND ½" INDIRECT DRAIN FROM FOGGING SYSTEM TO NEAREST DRAIN.
5. EXTEND ½" INDIRECT DRAIN FROM FOGGING SYSTEM SOLENOID/MANIFOLD BOX TO NEAREST HUB DRAIN.
6. EXTEND ¾" HARD COPPER TYPE L DRAIN FROM NEW RACK OVEN TO DRAIN.
7. INSTALL NEW WATER CLOSET (P-1A ALT) 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.
8. NEW CONDENSATE LINES. SEE DETAIL ON SHEET P6.01.

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-42 CLEANOUT 14 UNDER CASE.

D-45 CLEANOUT 16 UNDER CASE.

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

YCH Architects
7035 NORTHWINDS DR NW
CONCORD, NC 28027
704.700.2000 I ycharch.com

PROFESSIONAL SEALS:

JOSH CAROL SEAL 21539 ENGINEER
MICHAEL D. BOWERS
9/20/24

YATES - DIMELTZBERG - HUGHES ARCHITECTS P.A. ARCHITECTURE - INTERIOR DESIGN
CERT. NO. 310
CONCORD, N. C.

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CONSULTANT:

BOWERS CONSULTING, PA
1620 South MLK, Jr. Avenue - Suite 106
Salisbury, NC 28144
T: 704-639-0075 F: 704-639-0051
NC PE CORPORATION C-1619
GA PE CORPORATION 0052074
VA PE CORPORATION 0401004434
TN PE CORPORATION 5281

CLIENT:

2110 Executive Drive.
Salisbury, NC 28145
Ph: 704.633.8250
FOOD LION

FOOD LION STORE NO. 2654 INTERIOR ALTERATIONS

610 East King Street I Kings Mountain, NC 28086

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PHASE & DATE:
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SANITARY DEWER AND DRAIN PLAN

PLUMBING:

P1.01