



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

PLUMBING LEGEND			
	- NEW CLEAN OUT FLUSH WITH FINISH FLOOR		- TRENCH DRAIN
	- EXISTING CLEAN OUT		- REFRIGERATION EVAPORATORS
	- NEW FLOOR SINK		- CONNECT TO EXISTING
	- EXISTING FLOOR SINK		- ABOVE FINISH FLOOR
	- NEW FLOOR DRAIN		- 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		- GREASE WASTE EXISTING
	- HUB DRAIN TO BE REMOVED		- EXISTING WASTE LINE
	- VENT THROUGH ROOF		- EXISTING VENT LINE
	- EXISTING VENT THROUGH ROOF		- EXISTING PLUMBING LINE TO BE REMOVED
	- EXISTING LINE CAPPED OFF		

GENERAL NOTES

- 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, ETC.
- PLUMBING CONTRACTOR SHALL SUPPLY AND INSTALL ANY ADDITIONAL FIXTURES FOR CODE COMPLIANCE SUCH AS GREASE INTERCEPTORS, BACKFLOW PREVENTERS, ETC.
- 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 ODITIES 1-800-438-5327, PART NO. PSI-310.
- REFRIGERATION CONTRACTOR IS RESPONSIBLE FOR RUNNING PVC DRAIN LINES FROM DRAINS ON CASES TO THEIR RESPECTIVE HUB DRAINS.
- ALL SANITARY WASTE AND VENT PIPING SHALL BE NO-HUB ASSEMBLY, CAST IRON WITH STAINLESS STEEL BANDS OR PVC - SCHEDULE 40 ASTM D-2685.
- QUALITY CONTROL NOTES:
 - 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.
- PLUMBING CONTRACTOR SHALL COORDINATE FLOOR DRAIN LOCATIONS WITH GENERAL CONTRACTOR AND SHEET A1.02.
- 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.
- ALL SANITARY TEES SHALL BE COMBINATION TEES.
- 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.
- PROVIDE 7'-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.
- H.V.A.C. CONDENSATE PIPING SHOWN ON THIS PLUMBING DRAWING FOR ROUTING PURPOSES:
 - 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.
- P-18 SHALL BE USED WHEN BASKET STRAINER IS REQUIRED BY CODE.
- PLUMBING CONTRACTOR TO CAP OFF EXISTING DRAINS, CLEANOUTS, ETC. AND ABANDONED SEWER LINES THAT CAN NOT BE REUSED. REPAIR FLOOR AS REQUIRED.
- 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.
- WHERE EXISTING CLEANOUTS OCCUR UNDER CASEWORK, RELOCATE AS REQUIRED.
- 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.
- REFRIGERATION CONTRACTOR TO INSTALL CASE DRAINS. CASE DRAINS TO BE CUT ON A 45° ANGLE WITH AN APPROPRIATE AIR GAP AS INDICATED BY THE LOCAL JURISDICTION. CASE DRAINS SHALL NOT BE VISIBLE OUTSIDE OF THE RICK 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.
- 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 B34-4PWR). VERIFY COMPATIBILITY WITH DRAIN LINES. REPLACEMENT CONCRETE WHERE CONCRETE HAS BEEN REMOVED TO ACCOMPLISH THE WORK SHALL BE MINIMUM 3000 psi.
- THE REFRIGERATION CONTRACTOR CAN TIE DRAINS FROM ADJACENT CASES INTO THE SAME HUB DRAIN ABOVE SLAB. TWO CASE MAXIMUM PER HUB DRAIN.
- PLUMBING CONTRACTOR TO RUN COPPER DRAIN LINE FOR WALK-IN EVAPORATOR COILS.

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-3 INSTALL NEW CLEANOUTS (P-9) AS INDICATED ON SHEET P1.01. SEE KEY NOTE No. 7
REFER TO CRESCENT CONSTRUCTION SERVICES, LLC DRAIN REPORT FOR ADDITIONAL INFORMATION.

WASTE AND VENT KEY NOTES

- EXISTING CONDENSATE DRAINS FROM EVAPORATORS TO REMAIN.
- NEW CONDENSATE LINES. SEE DETAIL ON SHEET P6.01.
- TIE DRAIN FOR THIS CASE INTO HUB DRAIN OF A SIMILAR ADJACENT CASE ABOVE SLAB.
- EXTEND 3" WASTE LINE TO NEW HUB DRAIN. EXTEND 1/2" INDIRECT DRAIN TO NEW HUB DRAIN. VERIFY LOCATION WITH OWNER PRIOR TO CONSTRUCTION. REPAIR FLOOR TO MATCH EXISTING. SEE DETAIL ON SHEET P6.01.
- EXTEND 1/2" INDIRECT DRAIN FROM MISTING SYSTEM TO NEAREST DRAIN.
- EXTEND 1/2" INDIRECT DRAIN FROM MISTING SYSTEM SOLENOID/MANIFOLD BOX TO NEAREST HUB DRAIN.
- INSTALL NEW CLEANOUT (P-9) AS INDICATE ON SHEET P1.01. REPAIR FLOOR TO MATCH EXISTING.
- INSTALL NEW 2 COMPARTMENT PRODUCE PREP SINK (P-27) AS INDICATED ON SHEET P1.01. VERIFY LOCATION WITH OWNER. EXTEND 1/2" INDIRECT DRAIN FROM NEW 2 COMPARTMENT PRODUCE PREP SINK (P-27) TO EXISTING FLOOR SINK (P-23). SEE DETAIL ON SHEET P6.01.
- RELOCATE 1 COMPARTMENT D/B CHICKEN SINK (P-26) SINK AS INDICATED ON SHEET P1.01. VERIFY LOCATION WITH OWNERS. EXTEND 1/2" INDIRECT DRAIN TO NEW FLOOR SINK (P-23). EXTEND 3/4" WASTE LINE TO NEW FLOOR SINK (P-23). REPAIR FLOOR TO MATCH EXISTING FLOOR. SEE DETAIL ON SHEET P6.01.
- EXTEND 3/4" INDIRECT DRAIN FROM NEW RACK OVEN TO EXISTING HUB DRAIN
- RELOCATE EXISTING WATER CLOSET 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.
- RELOCATE EXISTING URINAL 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.
- RELOCATE EXISTING LAVATORY 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.
- 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.