

22.101 ROUTE PIPING THROUGH JOIST SPACE. COORDINATE WITH HVAC, FIRE PROTECTION AND OTHER TRADES.

KEYNOTES

22.103 PLUMBING CONTRACTOR TO PROVIDE PIPING UP TO PO BOX. REFRIGERATION CONTRACTOR TO FURNISH AND INSTALL PO BOX AND PLASTIC PIPING TO REFRIGERATION CASE, PROVIDE REVERSE OSMOSIS WATER SYSTEM FOR PRODUCE MISTING SYSTEM IF REQUIRED BY OWNER. COORDINATE LOCATION AND

REQUIREMENTS WITH OWNER.

- 22.104 PLUMBING IN EXISTING FLOOR SLAB AREAS WILL BE EVALUATED BY THE PLUMBING CONTRACTOR FOR THE PURPOSE OF RE-USING EXISTING DRAIN PIPES. THE PLUMBING SHOWN UNDER EXISTING FLOOR SLAB AREAS IS FOR EVALUATION PURPOSES AND SUGGESTED ROUTING OF THE PIPING. CHECK WITH THE ARCHITECTURAL PLANS PRIOR TO ANY CUTTING OF THE
- 22.107 COORDINATE EXACT LOCATION OF COLD WATER CONNECTION WITH NEW CASE REQUIREMENTS TYPICAL.
- 22.109 CONTRACTOR TO VERIFY THICKNESS OF MORTAR BED AND TILE PRIOR TO SETTING FLOOR DRAIN. TOP OF GRATE SHALL BE LEVEL WITH TOP OF TILE. ANY FLOOR DRAINS SHOWN WITHOUT DIMENSIONS WILL BE PLACED AS REQUIRED. REFERENCE ARCHITECTURAL PLANS FOR WALL AND EQUIPMENT LOCATIONS.
- 22.112 REFRIGERATION CONTRACTOR SHALL ROUTE PVC DRAIN LINE FROM EACH CASI DRAIN CONNECTION SAME SIZE AS CASE OUTLET, AND END OVER FLOOR RECEPTOR W/AIR GAP; PITCH DRAINS 1/8" PER FOOT MINIMUM.
- 22.156 CONTRACTOR TO COORDINATE PLUMBING UNDER FREEZER, AND COOLER AREAS WITH ANY INSULATION THAT MAY BE BELOW THE FINISHED FLOOR.

PLANS REVIEWED BY LOUDOUN COUNTY

APPROVED SUBJECT TO FIELD INSPECTION

REJECTED REVIEW & RESUBMIT

APPROVED AS NOTED SUBJECT TO FIELD INSPECTION

DATE 5/20/19 BY 07

PLANS ARE:

GENERAL NOTES

- GENERAL NOTES ARE APPLICABLE TO ALL
- PLUMBING DRAWINGS. REFER TO RISER DIAGRAMS AND PLUMBING FIXTURE SCHEDULES FOR ALL PIPING AND
- PROVIDE ALL MATERIALS FOR A COMPLETE INSTALLATION IN ALL RESPECTS AND READY FOR INTENDED USE AND IN STRICT ACCORDANCE WITH STATE AND LOCAL

PIPE SIZES NOT SHOWN ON PLAN.

CODES AND EQUIPMENT MANUFACTURER RECOMMENDATIONS. REFER TO ARCHITECTURAL PLANS FOR

ADDITIONAL DEMOLITION, REPAIR OR

CONSTRUCTION OF PLUMBING RELATED

- EQUIPMENT. IF NEW CONSTRUCTION WILL DISRUPT EXISTING UNDERGROUND SERVICES (GAS,
- SEWER, DOMESTIC WATER, FIRE SPRINKLER, ETC.), PROVIDE ALL MATERIALS AND LABOR AS REQUIRED TO MAINTAIN THEIR PROPER OPERATION. COORDINATE ANY DISRUPTIONS WITH OWNER MANAGER AND CONSTRUCTION MANAGER. PLUMBING VTR PIPES NOTED TO BE

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DOCUMENT DATE: 04/17/19

SCATES

- DEMOLISHED ON PLAN SHALL BE CUT 6" BELOW BOTTOM OF ROOF DECK. CAP ABANDONED VTR WATERTIGHT ABOVE AND BELOW ROOF. SECURE VENT PIPE FROM STRUCTURE WITH UNISTRUT AND PIPE CLAMP TO PREVENT MOVEMENT.
- EXISTING PIPE SIZES AND LOCATIONS HAVE NOT BEEN FIELD VERIFIED. CONTRACTOR TO FIELD VERIFY LOCATION AND SIZES OF ALL EXISTING PIPING THAT IS BEING CONNECTED TO OR MODIFIED. AND TO VERIFY THAT PROPER SLOPES AND ELEVATIONS ARE AVAILABLE. MAINTAIN MINIMUM SLOPE OF 1/4" PER FOOT FOR 2 1/2" OR SMALLER, 1/8" PER FOOT FOR SANITARY SEWER PIPING 3" TO 6", AND 1/16" PER FOOT FOR 8" OR LARGER. REF ARCH. FOR TRENCHING REQUIREMENTS.
- VERIFY EXISTING SEWER AND VENT PIPE SIZE, ELEVATION, AND PROPER SLOPES ARE AVAILABLE BEFORE CUTTING FLOOR SLAB FOR NEW SEWER PIPING FOR FLOOR SLABS NOT SHOWN TO BE REMOVED ON THE DEMOLITION PLAN.
- . PROVIDE ACCESS DOORS TO ALL INACCESSIBLE WATER VALVES AND CLEANOUTS.
- 10. PLUMBING CONTRACTOR SHALL PROVIDE ONE YEAR WARRANTY FOR PROPER SEWER SYSTEM OPERATION.
- 11. SANITARY DRAINAGE LINES AND FITTINGS (DRAIN, WASTE AND VENT) SHALL BE PVC-DWV PLASTIC SCHEDULE 40. WHERE REQUIRED BY LOCAL CODES, CAST IRON, COATED INSIDE AND OUTSIDE SHALL BE

USED. REFER TO SPECIFICATIONS.

12. PROVIDE AUTOMATIC TRAP PRIMERS ON

PLUMBING CODES. WATERLESS TRAP PRIMERS MAY BE USED IF APPROVED BY THE AHJ. REFER TO DETAIL AND SPECIALTY PLUMBING FIXTURE SCHEDULE. 13. ALL FLOOR CLEANOUTS SHALL BE INSTALLED FLUSH WITH FLOOR FINISH MATERIAL OR

FLUSH WITH CONCRETE SLAB IF NO FLOOR FINISH MATERIAL IS CALLED OUT FOR ON

FLOOR DRAINS IF REQUIRED BY LOCAL D

ARCHITECTURAL DRAWINGS. 14. LOCATE ALL FLOOR CLEANOUTS OUT OF TRAFFIC WAYS WHILE MAINTAINING ACCESSIBILITY. LOCATE PER DIMENSIONS IF

SHOWN ON PLANS.

- 15. FLOOR CUTS SHALL BE STRAIGHT AND CLEAN, REPLACE REMOVED SLAB WITH CONCRETE FLUSH AND SMOOTH WITH ADJACENT FLOOR SLAB. COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECTURAL
- 16. CAP ALL PIPING OPENINGS DURING CONSTRUCTION UNTIL FINAL CONNECTIONS TO EQUIPMENT AND ACCESSORIES ARE
- 17. CUT AND PATCH EXISTING CONCRETE FLOOR SLAB FOR INSTALLATION OF NEW UNDERGROUND PLUMBING PIPE. MATCH EXISTING CONSTRUCTION.
- 18. DO NOT INSTALL PIPING WITHIN COOLER PANELS. INSTALL EXPOSED PIPING IN PREP AREAS A MINIMUM OF 1" FROM PANEL WALL AND 6" ABOVE FINISHED FLOOR TO ALLOW FOR CLEANING. USE ONLY NON-CORROSIVE MATERIALS FOR SPACERS AND ANCHORS.
- 19. PROVIDE ESCUTCHEON PLATES FOR PLUMBING PENETRATIONS THROUGH GROCERY CEILINGS AND WALLS.
- 20. PROVIDE AIR TIGHT SEAL AROUND PIPING PENETRATIONS THROUGH COOLER/FREEZER WALLS AND CEILINGS. FINISH WITH ESCUTCHEON PLATE.
- 21. PROVIDE HEAT TAPE AND INSULATION ON ALL WATER AND DRAIN PIPING EXPOSED TO FREEZING.
- 22. INSTALL CONTINUOUS SEALANT JOINT AT ALL EXTERIOR WALL PENETRATIONS.
- 23. PROVIDE SEISMIC BRACING BASED ON APPROPRIATE SEISMIC DESIGN CATEGORY REQUIREMENTS PER SMACNA PUBLISHED SEISMIC DETAILS, LOCAL AND NATIONAL CODES. CONTRACTOR'S RESPONSIBILITY INCLUDES STRUCTURAL ENGINEER'S CERTIFICATION ON DETAILS SUBMITTED FOR
- 24. BUILDING COMPONENTS ABANDONED BY THE SCOPE OF WORK SHALL BE SECURED TO PREVENT FALLING, LOOSENING, OR CREATING DAMAGE OF ANY KIND IN THE FUTURE.
- 25. INSTALL CENTERLINE OF GROCERY AREA UTILITY WALL PENETRATIONS AND WALL CLEANOUTS AT 12" AFF MINIMUM.

PLANS ON JOB **INSPECT**

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS. EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT THEMSELVES WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF

PERFORMING THE WORK PROPERLY. NO ADDITIONAL

COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

PLUMBING