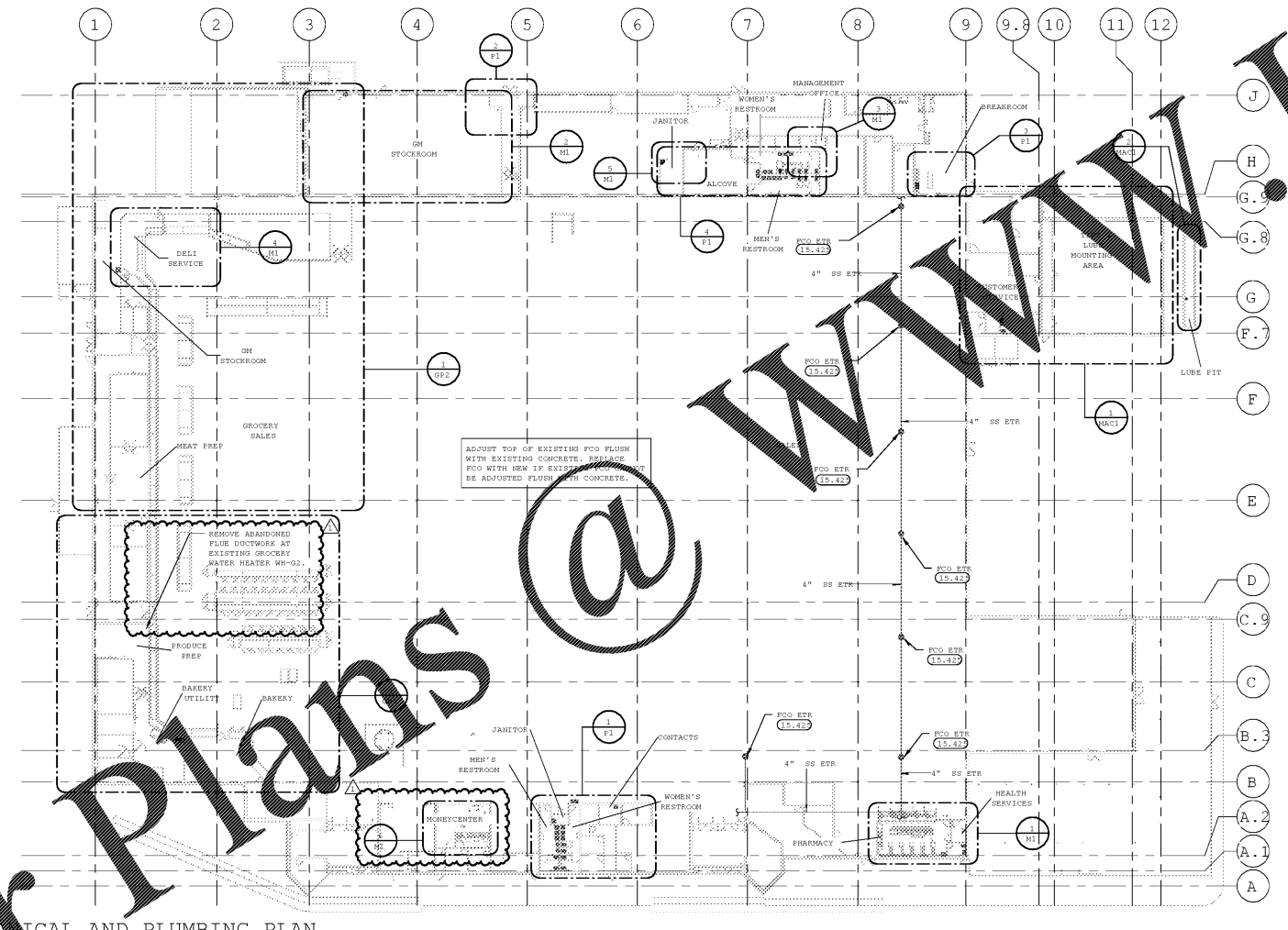


KEYNOTES
15.425 REMOVE CONCRETE CLOSE TO RIM OF EXISTING FLOOR CLEANOUT AND ADJUST TOP OF FLOOR CLEANOUT FLUSH WITH FINISHED FLOOR. IF FLOOR CLEANOUT CANNOT BE ADJUSTED FLUSH WITH FINISHED FLOOR, REPLACE EXISTING FLOOR CLEANOUT WITH NEW POOL.

GENERAL NOTES
1. GENERAL NOTES ARE APPLICABLE TO ALL MECHANICAL AND PLUMBING DRAWINGS.
2. PROVIDE ALL MATERIALS FOR A COMPLETE INSTALLATION IN ALL RESPECTS AND READY FOR IMMEDIATE USE AND IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES AND MANUFACTURER'S RECOMMENDATIONS.
3. STORE MUST BE KEPT IN OPERATION. ARRANGE ALL WORK TO KEEP DISRUPTIONS TO STORE OPERATIONS TO A MINIMUM. COORDINATE WITH EXISTING AND NEW CONSTRUCTION. PAY ALL NECESSARY FEES AND PERMITS.
4. IF NEW CONSTRUCTION DISRUPTS EXISTING UNDERGROUND SERVICES (GAS, SEWER, DOMESTIC WATER, FIRE SPRINKLER, ETC.), PROVIDE ALL MATERIALS AND LABOR AS REQUIRED TO MAINTAIN THEIR PROPER OPERATION.
5. CONTRACTOR IS RESPONSIBLE FOR UTILISING OWNER APPROVED ROOFING CONTRACTORS FOR CUTTING AND PATCHING ROOF.
6. CONTRACTOR SHALL FURNISH AND INSTALL EXHAUST FANS AND EXHAUST FAN CURBS. CONTRACTOR SHALL INSTALL ALL STRUCTURAL SUPPORTS FOR FANS. REFERENCE ARCHITECTURAL/STRUCTURAL SHEETS FOR DETAILS.
7. CONTRACTOR SHALL INSTALL OWNER FURNISHED RTU CURBS AND TEMPORARY COVER CURBS PER DETAIL (IF USED). RTU'S SHALL BE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR TO BE SET ON ROOF CURB WITH SET BACK FROM ROOF. COORDINATE RTU INSTALLATION WITH MECHANICAL CONTRACTOR AND ARCHITECTURAL CONTRACTOR.
8. REPLACE FITTINGS WITH NEW FITTINGS "LARGER THAN ONE SIZE" PRIOR TO ANY REPAIRS. REFER TO PROCEDURES. FITTING SHALL BE 1/2" THICK EQUAL TO FABR 30/30.
9. LABEL RTU WITH BLACK PERMANENT PAINT STENCIL. NUMBER SENSOR WITH 2" HIGH BLACK PERMANENT PAINT STENCIL. NUMBER THE SENSOR TO CORRELATE WITH RTU IT CONTROLS. LOCATE SENSORS IN UNIT NEAR ITS DISCONNECT SO IT IS ACCESSIBLE FROM ROOF HATCH.
10. IF RTU ARE INSTALLED BEFORE ROOFING IS COMPLETED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE WHICH OCCURS DURING THE ROOFING PROCESS, INCLUDING TAB ON COILS.
11. ROOFTOP UNIT CONDENSATE SHALL BE ROUTED TO DRAIN WITH THE SLOPE OF THE ROOF.
12. MECHANICAL FAILURE OF NEW ROOFTOP UNITS PRIOR TO ACCEPTANCE BY OWNER, SHALL BE REPAIRED OR REPLACED BY CONTRACTOR THROUGH WARRANTY AGREEMENT WITH MANUFACTURER.
13. IF APPLICABLE, COORDINATE ALL NEW GAS PIPING AND ROOF EQUIPMENT WITH EXISTING GAS PIPING, SKYLIGHTS, AND ROOF EQUIPMENT. FIELD VERIFY EXISTING CONDITIONS.
14. ROOFTOP UNITS BEING ADDED TO EXISTING ROOF STRUCTURE SHALL BE INSTALLED WHEN THE UNITS ARRIVE AT THE JOB SITE. REFERENCE ARCHITECTURAL/STRUCTURAL SHEETS FOR DETAILS.
15. INSTALL VTR'S A MINIMUM OF 24" AND FLUES A MINIMUM OF 36" FROM ROOF EDGE AND/OR PARAPET WALLS. INSTALL VTR'S, FLUES AND EXHAUST FANS A MINIMUM OF 10 FT FROM OUTSIDE AIR INTAKE OF ROOF TOP UNITS. INSTALL EXHAUST FANS AND ROOF TOP UNITS A MINIMUM OF 10 FT FROM ROOF EDGE OR A MINIMUM OF 40" FROM PARAPET WALLS THAT ARE AT LEAST 42" HIGH.
16. COORDINATE LOCATION OF DUCTWORK AND DIFFUSERS WITH LIGHT FIXTURES TO PREVENT EXCESSIVE SHADOWING OF THE SALES OR STOCK FLOORS. LIGHT FIXTURE LOCATIONS TAKE PRECEDENCE. FIELD VERIFY STRUCTURAL CONDITIONS BEFORE FABRICATION OF DUCTWORK.
17. FLEXIBLE DUCT CONNECTIONS TO NEW OR RELOCATED DIFFUSERS AND GRILLES ARE PROHIBITED. INSPECT CONDITION OF EXISTING DUCT AND REPLACE DAMAGED DUCT WITH EQUIVALENT TYPE OF DUCT AS REQUIRED.
18. DUCT SIZES SHOWN ON DRAWINGS ARE NET FREE AREA. CONTRACTOR'S OPTION: FORM DUCTWORK OF EQUIVALENT FREE AREA MAY BE USED IN LIEU OF RECTANGULAR. INCREASE RECTANGULAR SHEET METAL SIZE AS REQUIRED FOR LINES. REFER TO SPECIFICATIONS FOR THE INSULATION THICKNESS.
19. DUCT SUPPORT AND GRILLE DETAIL IS APPLICABLE THROUGHOUT THE STORE. DO NOT USE FASTENERS THAT PENETRATE ROOF DECK.
20. TYPICAL BRANCH DUCT FITTING DETAIL IS APPLICABLE THROUGHOUT THE STORE.
21. NOT USED.
22. EXISTING PIPE SIZES AND LOCATIONS HAVE NOT BEEN FIELD VERIFIED. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY LOCATION AND SIZE OF ALL EXISTING PIPING THAT IS BEING CONNECTED TO OR REPLACED, AND TO VERIFY THAT PROPER SLOPES AND ELEVATIONS ARE AVAILABLE. MAINTAIN MINIMUM SLOPE OF 1/8" PER FOOT FOR SAN SEWER PIPING 3" OR LARGER. MAINTAIN MINIMUM SLOPE OF 1/4" PER FOOT FOR SAN SEWER PIPING SMALLER THAN 3". REF. BRCK. FOR TRENCHING REQUIREMENTS.
23. PLUMBING CONTRACTOR SHALL VERIFY EXISTING SEWER AND VENT PIPE SIZE AND ELEVATION AND SHALL VERIFY THAT PROPER SLOPE IS AVAILABLE BEFORE CUTTING FLOOR SLAB FOR EXISTING PIPING.
24. PROVIDE ACCESS DOORS TO NEW WATER VALVE AND CLEANOUTS. WATER VALVES SHALL BE INSTALLED IN UNOCCUPIED AREAS.
25. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL WATER VALVE AND CLEANOUTS IN UNOCCUPIED AREAS.
26. SANITARY DRAIN LINES, FITTINGS (DRAIN, WASTE AND VENT), SHALL BE CAST IRON, COATED INSIDE AND OUTSIDE. PERMITTED BY LOCAL CODES, PVC-DWV PLASTIC SCHEDULE 40 MAY BE USED IN LIEU OF CAST IRON. ALL PHOTOLAB PHOTOGRAPHY SHALL BE PVC.
27. WATER PIPING ABOVE GRADE SHALL BE TYPE "L" DRAWN COPPER JOINED WITH WROUGHT IRON COPPER FITTINGS. MAKE JOINTS USING LEAD-FREE SOLDER AND A NON-CORROSIVE, PAINT-TYPE FLOOR. MAKE PIPING CONNECTIONS TO A FIXTURE WITH CHROME-PLATED BRASS BRASS TUBE. INSULATE HOT & COLD WATER PIPING WITH KIGLO GLASS FIBER A MINIMUM OF 1/2" THICK WITH WHITE ALL-SERVICE JACKET (VAPOR RETARDER).
28. PROVIDE AUTOMATIC TRAP PRIMERS ON FLOOR DRAINS IF REQUIRED BY LOCAL PLUMBING CODES.
29. 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 ARCHITECTURAL DRAWINGS.
30. LOCATE ALL FLOOR CLEAN-OUTS OUT OF TRAFFIC WAYS, WHILE MAINTAINING ACCESSIBILITY. LOCATE PER DIMENSIONS IF SHOWN ON PLANS.
31. FLOOR CUTS SHALL BE STRAIGHT AND CLEAN. REPLACE REMOVED SLAB WITH CONCRETE FLUSH AND SMOOTH WITH ADJACENT FLOOR SLAB. REFERENCE ARCHITECTURAL SHEETS. COORDINATE WITH GENERAL CONTRACTOR.
32. CAP ALL PIPING OPENINGS DURING CONSTRUCTION UNTIL FINAL CONNECTIONS TO EQUIPMENT AND ACCESSORIES ARE MADE.
33. CUT AND PATCH EXISTING CONCRETE FLOOR SLAB FOR INSTALLATION OF NEW UNDERGROUND PLUMBING PIPEL. MATCH EXISTING CONSTRUCTION.
34. DO NOT INSTALL PIPING WITHIN COOLER PANELS. INSTALL EXPOSED PIPING IN FREE 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.
35. PROVIDE ESCUTCHEON PLATES FOR PLUMBING PENETRATIONS THROUGH GROCKET CEILING AND WALLS.
36. PROVIDE AIR TIGHT SEAL AROUND PIPING PENETRATIONS THROUGH COOLER/FREEZER WALLS AND CEILING. FINISH WITH ESCUTCHEON PLATE.
37. PROVIDE HEAT TAPE AND INSULATION ON ALL WATER AND DRAIN PIPING EXPOSED TO FREEZING.
38. INSTALL CONTINUOUS SEALANT JOINT AT ALL EXTERIOR WALL PENETRATIONS.
39. AT CONTRACTOR'S OPTION (O.M.O.), IN LIEU OF COOLER WATER PIPING, FLEX OR AGENTMENT PIPING MAY BE USED. REFER TO EQUIVALENT NOMINAL PIPE SIZES SCHEDULE AND SPECIFICATIONS.
40. PROVIDE SEISMIC BRACING BASED ON APPROPRIATE SEISMIC CODE REQUIREMENTS PER SDOCA FURNISHED SEISMIC DETAILS, LOCAL AND NATIONAL CODES. CONTRACTOR'S RESPONSIBILITY INCLUDES STRUCTURAL ENGINEER'S CERTIFICATION ON DETAILS SUBMITTED FOR PERMITTING.
41. BUILDING COMPONENTS ANCHORED BY THE SCOPE OF WORK SHALL BE SECURED TO PREVENT FALLING, LOOSENING, OR CREATING DAMAGE OF ANY KIND IN THE FUTURE.



MECHANICAL AND PLUMBING PLAN

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MECHANICAL AND PLUMBING PLAN

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24 HOURS PRIOR TO SHUTTING DOWN ANY REFRIGERATION SYSTEMS, HVAC SYSTEMS, OR ENERGY MANAGEMENT CONTROLS SYSTEMS, SEND E-MAIL TO NER@WALMART.COM. THE E-MAIL SHALL STATE WHAT, WHY, AND WHEN IT IS BEING SHUT DOWN AND HOW LONG IT IS ANTICIPATED TO BE DOWN. THEN SEND A FOLLOW UP E-MAIL TO NER@WALMART.COM AFTER THE WORK IS COMPLETE AND THE SYSTEM IS BACK UP AND RUNNING.

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.