

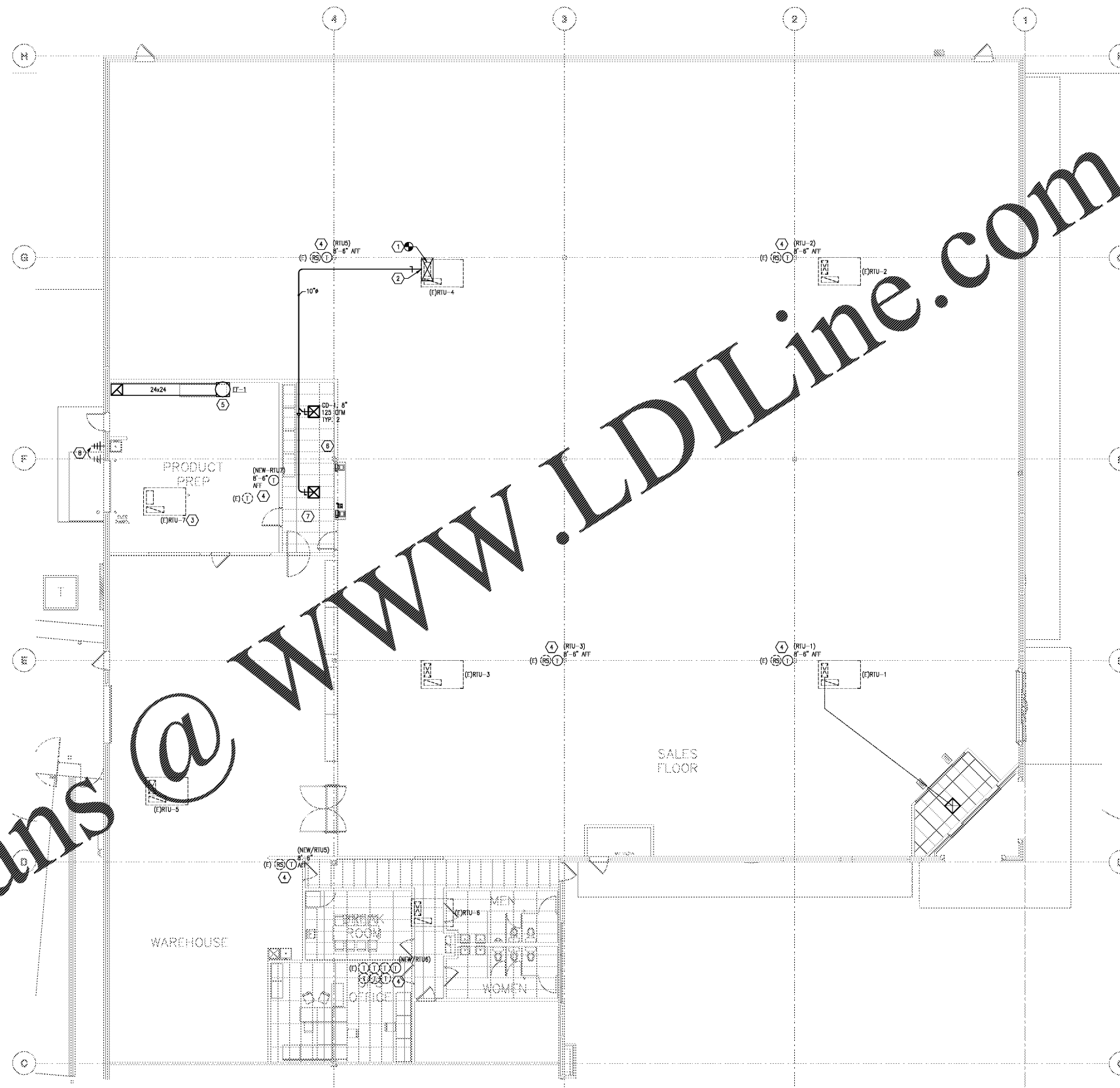
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**MECHANICAL GENERAL NOTES:**

- CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT TO INSTALL A COMPLETE AND OPERATIONAL HEATING AND COOLING SYSTEM.
- CONTRACTOR SHALL PROVIDE ALL REQUIRED HVAC PERMITS.
- THE CONTRACTOR SHALL COMPLY WITH MFA-90A AND ALL APPLICABLE CODES.
- ALL HVAC WORK TO BE PERFORMED SHALL BE IN COMPLIANCE WITH ALL STATE AND LOCAL CODES.
- FLEXIBLE DUCT SHALL COMPLY WITH SMACNA, ALL LOCAL CODES, U.L. RATING, AND NOT EXCEED FIVE FEET IN LENGTH.
- SHIET METAL DUCT, WHERE REQUIRED BY LOCAL CODES, SHALL BE LINED WITH 1" MATT FACED DUCTLINER IN THE FIRST 10 (TEN) FEET OF THE RETURN AND SUPPLY DUCT STARTING FROM THE HVAC UNIT. AFTER THE FIRST 10 (TEN) FEET THE USE OF 1" DUCT WRAP SHALL BE ACCEPTABLE. WORK MATERIAL TO BE VERIFIED WITH CEILING ACCESSIBILITY RATING.
- ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS, ALLOW FOR DUCT INSULATION.
- THE CONTRACTOR SHALL PROVIDE A WRITTEN GUARANTEE THAT SHALL WAIVER ALL WORKMANSHIP AND MATERIALS FOR ONE (1) YEAR FROM THE FINAL WORK ACCEPTANCE BY THE OWNER AND A FIVE YEAR WARRANTY ON THE COMPRESSOR.
- CONTRACTORS SHALL INSTALL ALL NECESSARY OFFSETS, BENDS, AND TRANSITIONS REQUIRED TO PROVIDE A COMPLETE SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
- COORDINATE LOCATION OF ALL CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH THE ELECTRICIAN TO PREVENT CONFLICT WITH LIGHTS AND ARCHITECTURAL ELEMENTS.
- ALL WORK OF THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID ANY INTERFERENCES THAT MAY DELAY PROGRESS DURING CONSTRUCTION.
- THE MECHANICAL CONTRACTOR SHALL TEST AND BALANCE TO THE AIR QUANTITIES ON THE PLAN AND PROVIDE A TABS REPORT.
- CONTRACTOR SHALL INSTALL MANUAL BALANCING DAMPERS AT ALL SUPPLY AIR BRANCH DUCTWORK RUN OUTS.
- CONTRACTOR SHALL INSTALL TURNING VANES AT ALL DUCTWORK TEES AND 90 DEGREE ELBOWS.
- ALL SHIET METAL DUCTWORK SHALL COMPLY WITH SMACNA STANDARDS. ALL DUCTWORK JOINTS SHALL BE TAPED AND SEALED.

**(X) KEYED NOTE SCHEDULE**

- THE NEW 10" SUPPLY DUCT INTO EXISTING SUPPLY DUCT DROP WITH MANUAL VOLUME DAMPER FROM UNIT BEFORE FLEX DUCT SERVING EXISTING CONCENTRIC DIFFUSER.
- REBALANCE EXISTING CONCENTRIC DIFFUSER TO 950 CFM.
- RTU-7 TO REMAIN EXCLUSIVELY SERVING PRODUCT PREP ROOM.
- EXISTING REMOTE SENSORS(S) TO BE REMOVED, INSTALL NEW THERMOSTAT AS SHOWN. SEE EME-1 DWG. FOR MORE INFORMATION.
- MAINTAIN A MINIMUM OF 10'-0" FROM THE ROOFTOP UNIT TO EXHAUST FAN.
- EXISTING 8"x10" OPENING IN CEILING TO REMAIN FOR RETURN AIR.
- CONTRACTOR TO REWORK EXISTING SPLIT PIPING IN NEW LAYOUT INCLUDING NEW PARTS ROOM.
- RELOCATE EXISTING FROST PROOF HOSE AS SHOWN.
- SEE DETAIL No. 1 ON DWG. M2.00 FOR MORE INFORMATION.



**MECHANICAL PLAN**  
 1/8"=1'-0"

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