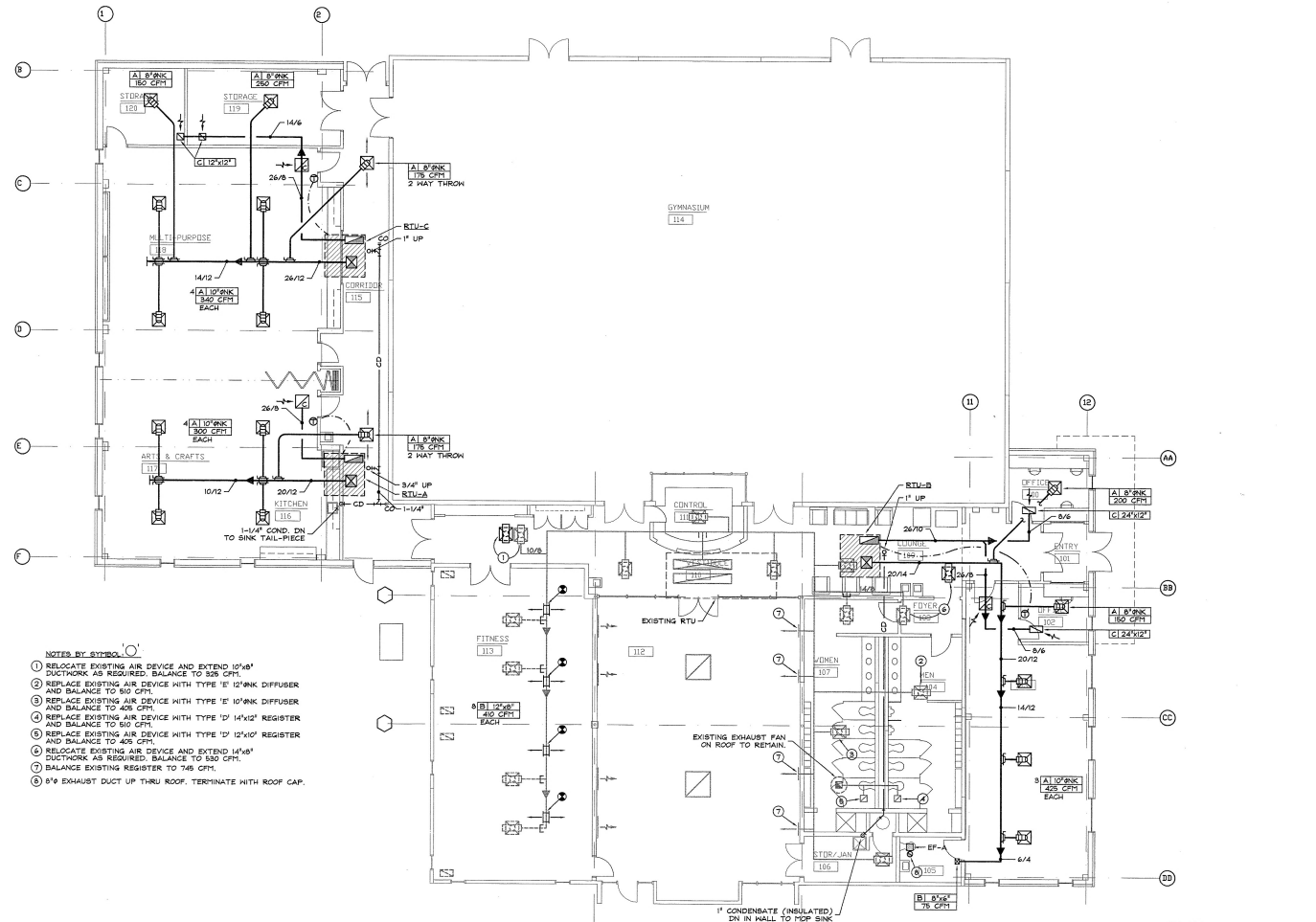


**02 ALTERNATE #1 - DENIA - MECHANICAL**  
SCALE: 1/8" = 1'-0"

**GENERAL NOTES (TYPICAL FOR PROJECT)**

1. THE CONTRACTOR SHALL VISIT THE PREMISES TO THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL DETAILS OF THE WORK, WORKING CONDITIONS AND VERIFY ALL DIMENSIONS IN THE FIELD. ALSO, THE CONTRACTOR SHALL ADVISE THE ARCHITECT, ENGINEER AND THE OWNER OF ANY DISCREPANCY BEFORE PERFORMING ANY WORK.
2. MATERIALS AND WORKMANSHIP SHALL COMPLY WITH THE CONTRACT DOCUMENTS AND APPLICABLE CODES AND STANDARDS. SHOULD THE CONTRACTOR PERFORM ANY WORK THAT DOES NOT COMPLY WITH THE REQUIREMENTS OF APPLICABLE CODES AND STANDARDS, THE CONTRACTOR SHALL BEAR ALL COSTS ARISING IN CORRECTING SUCH DEFECTS. APPLICABLE CODES AND STANDARDS SHALL INCLUDE ALL ORDINANCES, UTILITY COMPANY REGULATIONS, AND APPLICABLE REQUIREMENTS OF NATIONAL, STATE AND LOCAL CODES AND STANDARDS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL CONTROLS THAT WILL COMPLETELY ACCOMPLISH THE IMPLIED OR IMPLIED FUNCTIONS OF THE CONTROL SYSTEM AS SHOWN OR INDICATED IN THE SPECIFICATIONS.
4. CONNECTIONS TO AND HANGINGS ON EXISTING SYSTEMS SHALL BE COORDINATED WITH OWNER TO ALLOW PEN/PUMP INTERFERENCE WITH OWNER'S OPERATION AND DOWNTIME OF EXISTING SERVICES. CONTRACTOR SHALL SUBMIT TO OWNER FOR REVIEW AND APPROVAL THE PROPOSED PHASING PLAN FOR CONNECTING NEW SERVICES TO EXISTING SERVICES.
5. ALL EXISTING SYSTEMS EQUIPMENT AND MATERIALS WITHIN REMODEL AREA OF BUILDING, EXCEPT WHERE NOTED ON MEP DOCUMENTS TO CHANGE, SHALL BE LEFT INTACT AND OPERATIONAL.
6. ALL EXISTING DIFFUSERS OR REGISTERS TO BE REUSED IN RENOVATED AREA SHALL BE SURFACED, CLEANED AND REFINISHED TO MATCH ARCHITECTURAL FINISH REQUIREMENTS.
7. CONTRACTOR SHALL ABANDON IN PLACE WHERE NOT REQUIRED TO BE REMOVED FOR NEW WORK OR NOTED TO BE DECOMMISSIONED ALL NON-ACTIVE DUCTWORK, PIPING, CONTROLS AND APPURTENANCES. DEPOSED AREAS SHALL BE LEFT IN A CLEAN, ORDERLY CONDITION.
8. CONTRACTOR SHALL TURN OVER TO OWNER ALL DEPOSED EQUIPMENT.
9. PATCH WORK, WALLS, CEILING, ETC. TO MATCH EXISTING CONDITIONS WHERE CUTTING IS REQUIRED.
10. BALANCING OF AIR SYSTEMS SHALL BE PROVIDED UNDER THIS CONTRACT FOR ALL SYSTEMS WITHIN DEPENDENT/NEW CONSTRUCTION BOUNDARIES AND ADJACENT AREAS THAT MAY BE AFFECTED BY BALANCING FOR THE PROJECT.
11. --- INDICATES EXISTING DUCTWORK, PIPING AND EQUIPMENT TO BE RELOCATED.
12. --- INDICATES CONNECT NEW TO EXISTING.
13. --- INDICATES EXISTING TO REMAIN.
14. --- INDICATES NEW DUCTWORK, PIPING AND EQUIPMENT TO BE ADDED.
15. --- INDICATES NEW DUCTWORK, PIPING AND EQUIPMENT ON ROOF, BELOW SLAB OR BELOW GRADE.
16. E/R INDICATES EXISTING EQUIPMENT WHICH IS RELOCATED TO A NEW POSITION AND REUSED.
17. ● INDICATES A CONNECTION POINT OF NEW DUCTWORK, PIPING, ETC. TO AN EXISTING SYSTEM. ALL EXISTING SYSTEM LOCATIONS SHALL BE FIELD VERIFIED.
18. --- INDICATES EXISTING DUCT OR TAPS WHICH SHALL BE CAPPED AIRTIGHT AND PLUMB (IE: PLASTIC SEALED GALVANIZED SHEET METAL DUCT PATCH) TO EXISTING DUCTWORK.
19. IN AREAS WHERE EXISTING CONSTRUCTION IS REMOVED AND NO ADDITIONAL CONSTRUCTION IS INDICATED, PATCH EXISTING ADJACENT CONSTRUCTION TO MATCH.
20. ALL DUCTWORK IS SHOWN IN SCHEMATIC FORM. DUCT RISERS AND DROPS ARE NOT SHOWN. PROVIDE OFFSETS AS REQUIRED TO MEET SPACE REQUIREMENTS AND TO AVOID INTERFERENCE WITH OTHER TRADES. EACH TRADE SHALL BE TOTALLY RESPONSIBLE FOR COORDINATION WITH OTHER TRADES.
21. PIPING IS SHOWN IN SCHEMATIC FORM. ROUTE PIPING AS REQUIRED FOR CLEARANCE WITH STRUCTURAL CONDITIONS. COORDINATE WITH OTHER TRADES AS REQUIRED. PIPING SHALL BE INSTALLED WITH ADEQUATE SLOPE AS REQUIRED FOR EACH PARTICULAR SYSTEM.
22. DUCTWORK AND ITS CONSTRUCTION WILL BE CONSTRUCTED ACCORDING TO SMAGNA STANDARDS.
23. ROUND FLEXIBLE SUPPLY DUCTWORK TO DIFFUSERS SHALL NOT EXCEED 9'-0" IN LENGTH.
24. DUCTWORK SHOWN ON PLANS ARE CLEAR AIRSTREAM DIMENSIONS.
25. INSULATE ALL RECTANGULAR SUPPLY AND RETURN DUCTWORK PER SPECS.
26. THERMOSTAT LOCATION AND WALL ELEVATION SHALL BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION.
27. PROVIDE FLEXIBLE DUCTWORK CONNECTIONS AT EQUIPMENT.
28. MECHANICAL CONTRACTOR SHALL COORDINATE DUCT RUNOUTS EXACTLY OVER THE TOP OF THE SUPPLY DIFFUSERS (IE: WITHOUT ANY FLEX CRIMPS) WITH THE ARCH. RCP GRIDS AND THE CEILING SUPPLIER.



- NOTES BY STUDIOS:**
1. RELOCATE EXISTING AIR DEVICE AND EXTEND 10'x8" DUCTWORK AS REQUIRED. BALANCE TO 325 CFM.
  2. REPLACE EXISTING AIR DEVICE WITH TYPE 'E' 10"X8" DIFFUSER AND BALANCE TO 300 CFM.
  3. REPLACE EXISTING AIR DEVICE WITH TYPE 'E' 10"X8" DIFFUSER AND BALANCE TO 400 CFM.
  4. REPLACE EXISTING AIR DEVICE WITH TYPE 'D' 14"X12" REGISTER AND BALANCE TO 350 CFM.
  5. REPLACE EXISTING AIR DEVICE WITH TYPE 'D' 12"X10" REGISTER AND BALANCE TO 400 CFM.
  6. RELOCATE EXISTING AIR DEVICE AND EXTEND 14"X8" DUCTWORK AS REQUIRED. BALANCE TO 350 CFM.
  7. BALANCE EXISTING REGISTER TO 745 CFM.
  8. 8"X EXHAUST DUCT UP THRU ROOF. TERMINATE WITH ROOF CAP.

**01 FLOOR PLAN - DENIA - MECHANICAL**  
SCALE: 1/8" = 1'-0"

PLAN NORTH DENIA NORTH LAKES



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REVISIONS

CITY OF DENTON  
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