

- ### HVAC NOTES
- H1 CODES - HVAC work shall be done in conformity with the best practice of that trade and comply with all state and local codes.
  - H2 BALANCE REPORT - Mechanical Contractor shall balance system in accordance with quantities detailed on drawings and submit balance report to architect.
  - H3 REQUIRED PERMITS, DEPOSITS AND INSPECTIONS for his work shall be paid for by M.C.
  - H4 HVAC CONTRACTOR - See division 1, General Requirements, for items pertaining to your work.
  - H5 DUCT WORK shall be galvanized steel LFQ with 1 1/4 oz. total for both sides of 1 sq.ft. of a sheet. Ducts for cooling purposes shall be lined with coated acoustical liner attached with adhesive and pin fasteners. All ductwork shall be supported with hanger straps, metal hangers, etc. shall be in accordance with Sheet Metal and Air Conditioning Contractors Association's most current standard recommendations and specifications.
  - H6 ALL FLEXIBLE DUCTS shall be spiral wire reinforced fabric with factory fabricated insulating jacket complete with vapor barrier. Contractor shall carefully adhere to manufacturer's recommendation. See plans for sizes.
  - H7 FIRE DAMPERS shall be similar to Ruskin Curtain type 1BQ2 style B sized according to duct size. Provide access panels in duct at each damper.
  - H8 Branch duct to supply air diffuser at 800 CFM velocity shall be as follows:  
 100 CFM 5"ø (4 7/8)  
 170 CFM 6"ø (6 1/4)  
 310 CFM 8"ø (8 1/2)  
 500 CFM 10"ø (10)  
 700 CFM 12"ø (12)  
 900 CFM 14"ø (14)
  - H9 Fresh air from the exterior shall be brought into the return air ducts of each furnace in the quantities indicated on the furnace schedule.
  - H10 FIRE DAMPERS shall be provided at all fire rated walls as indicated on the floor plan.
  - H11 All ductwork to be properly sized for 800 fpm velocity and provide required air quantities.
  - H12 T-STATS to be 7-day digital programmable with tamper proof key lock covers - LOCATE PER OWNER

SYMBOL LEGEND	
	TYPICAL 125 CFM CEILING EXHAUST FAN SIDE WALL EXHAUST
	2" X 2" TITUS TMS SERIES SUPPLY DIFFUSER (FUTURE) TO BE PER TENANT FLOOR PLAN
	2" X 2" EGG CRANE JAY-IN RETURN AIR (FUTURE)
	CEILING HINGE AIR HANDLER UNIT, GAS FRED FORCED AIR - SEALED COMBUSTION
	TYPICAL COMPRESSOR / CONDENSER
	SOFFIT MOUNTED FRESH AIR GRILLE

3400 CFM FRESH AIR + 8400 RETURN = 11800 CFM TOTAL  
 4 TON = 320 CFM FRESH AIR + 1280 RETURN = 1600 CFM TOTAL  
 8 1/2 TON = 680 CFM FRESH AIR + 2720 RETURN = 3400 CFM TOTAL

