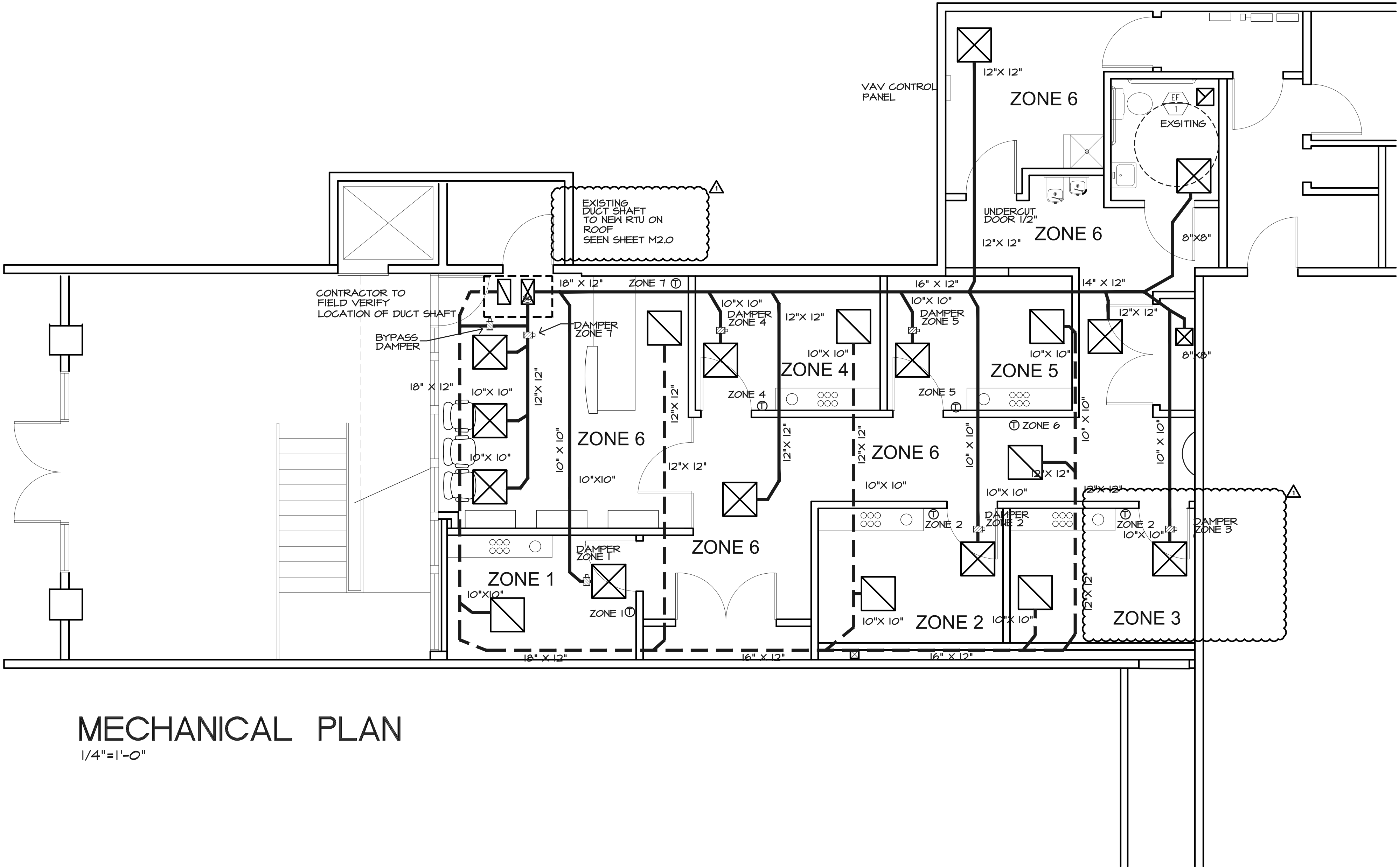


GENERAL MECHANICAL NOTES

- ALL WORK TO BE PERFORMED UNDER THE DIRECTION OF THE OWNER'S REPRESENTATIVE.
- ORDINANCES AND REGULATIONS: ALL WORK SHALL CONFORM TO APPLICABLE REQUIREMENTS OF LEGAL AUTHORITIES HAVING JURISDICTION. ORDINANCES SHALL GOVERN OVER DRAWINGS UNLESS THE DRAWINGS REQUIRE HIGHER STANDARDS OR LARGER SIZES.
- CODES AND STANDARDS: WORK SHALL BE PERFORMED IN COMPLIANCE WITH LATEST EDITION OF THE FOLLOWING REFERENCED CODES AND STANDARDS AS AMENDED TO THE DATE OF THIS DRAWING.
  - 2018 INTERNATIONAL MECHANICAL CODE.
  - 2016 NATIONAL ELECTRICAL CODE.
  - NATIONAL FIRE PROTECTION ASSOCIATION (NFPA).
  - AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI).
  - AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM).
  - UNDERWRITER'S LABORATORY (UL).
- THE CONTRACTOR IS RESPONSIBLE FOR ALL ITEMS DETAILED IN THESE NOTES.
- COORDINATE THE LOCATION OF ALL CEILING DIFFUSERS, REGISTERS, AND GRILLES WITH THE ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM ELEVATIONS. IF A QUESTION ARISES AS TO THE LOCATION OF ANY AIR DISTRIBUTION DEVICE, COORDINATE LOCATION WITH THE THE ARCHITECT.
- PRIOR TO COMMENCING ANY WORK, EXAMINE THE SITE IN DETAIL, THOROUGHLY REVIEW ALL PLANS, SPECIFICATIONS AND ANY OTHER DATA SUPPLIED BY THE OWNER. VERIFY ALL CONDITIONS AND DIMENSIONS. ANY DISCREPANCY OR INCONSISTENCY SHALL BE REPORTED TO THE ARCHITECT
- RESOLVE CONFLICTS ON THE DRAWINGS AND/OR THE SPECIFICATIONS WITH THE ARCHITECT PRIOR TO SUBMITTING BID OR COMMENCING WORK.
- COORDINATE WORK WITH ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION OF WORK.
- COORDINATE THE LOCATION OF ALL ROOF OPENINGS, AND EQUIPMENT LOCATIONS WITH THE ARCHITECTURAL AND STRUCTURAL PLANS, PRIOR TO ANY INSTALLATION.

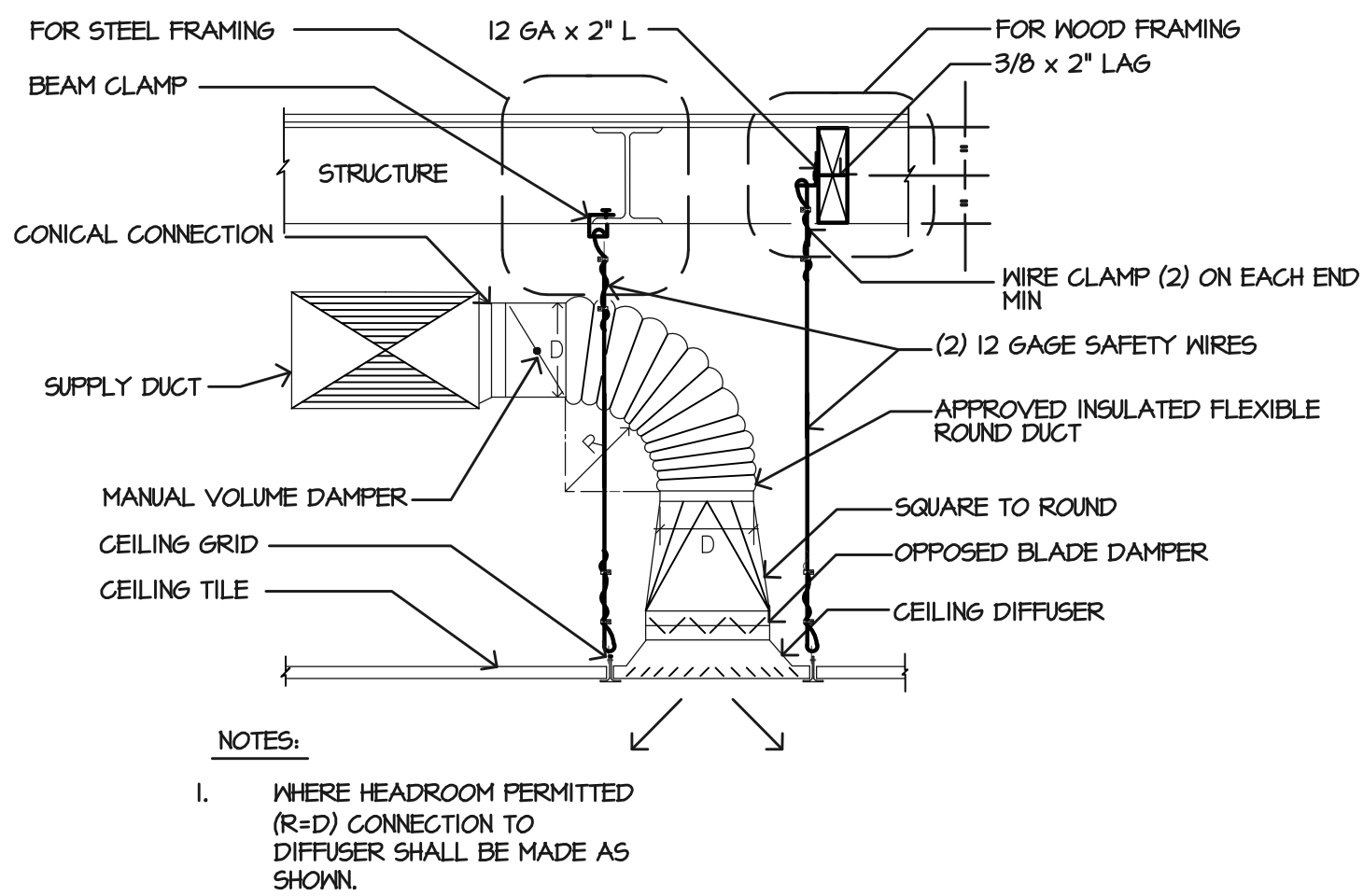
GENERAL MECHANICAL REQUIREMENTS

- TON REQUIREMENTS: 1 TON PER 225-250 S.F.  
1,260 /250 =5 TONS
- GRILL TYPE: DROP CEILING AREAS  
3 CONE INDUSTRIAL GRADE DIFFUSER A/C 24" X 24"  
FINISH: WHITE
- GYP. BD CEILINGS:  
SUPPLY AIR AND RETRUN AIR DIFFUSERS IN LOBBY, HALLWAY SHALL BE 16" X 16"  
TYPICAL COMERICAL GRILLS PAINTED TO MATCH CEILING COLOR OR EACH AREA.
- VAV SYSTEM: HONEYWELL HZ432- ELECTRONIC DAMPER CONTROL SYSTEM  
DIGITAL THERMOSTATS IN EACH ZONE: TH8312R1001  
TOUCH SCREEN CONTROL PANEL  
  
PROVIDE ZONE DAMPERS FOR EACH ZONE  
PROVIDE TRUE ZONE PANEL KIT HZ2432 INCLUDE ONE HZ432 PANEL, ONE TRANSFORMER AND ONE CT135A DISCHARGE AIR TEMPERATUE SENSOR.  
PROVIDE TAZ-4 (ADD -A-ZONE) EXPANSION PANEL WITH TRANSFORMER  
INSURE SYSTEM IS INSTALLED PER MANFACTUR REQUIREMENTS FOR PROPER PERFORMANCE.  
PROVIDE PROGRAMMABLE THERMOSTAT FOR ALL ZONES  
LOCATE THE THERMOSTAT NEXT TO LIGHT SWITCH, COORDINATE WITH ARCHITECT  
EXTACTLOCATION.  
THERMOSTATS LOCATED 54" A.F.F TO OPERATION PANEL
- EACH WAX ROOM TO HAVE SUPPLY AND RETURN.  
HVAC REGISTERS:  
SUPPLY AIR : TITUS TMS  
RETURN AIR : TITUS 24"x24" PAR
- 8" MIN DUCTS
- FORCE CLOSE DAMPERS REQUIRED.



MECHANICAL PLAN

1/4"=1'-0"



1 DIFFUSER CONNECTION DETAIL

N.T.S.

HVAC LEGEND

- RETURN AIR REGISTER
- SUPPLY AIR REGISTER
- THERMOSTATS TO BE TH8312R1001

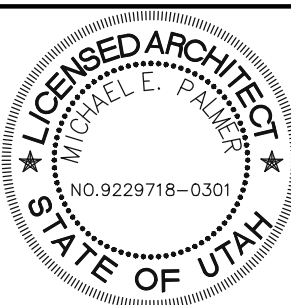
JOINT VENTURE PROJECT

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84108

SHEET DESCRIPTION  
  
MECHANICAL PLAN  
AND DETAILS



REVISIONS:	
OWNER REVIEW	08-30-2019- Plan Check Corrections

DWN	TB	SHEET	
DATE	8-22-2019		
CHK	TB		
SCALE	AS NOTED		
PROJ.	2019-50		

M1.0