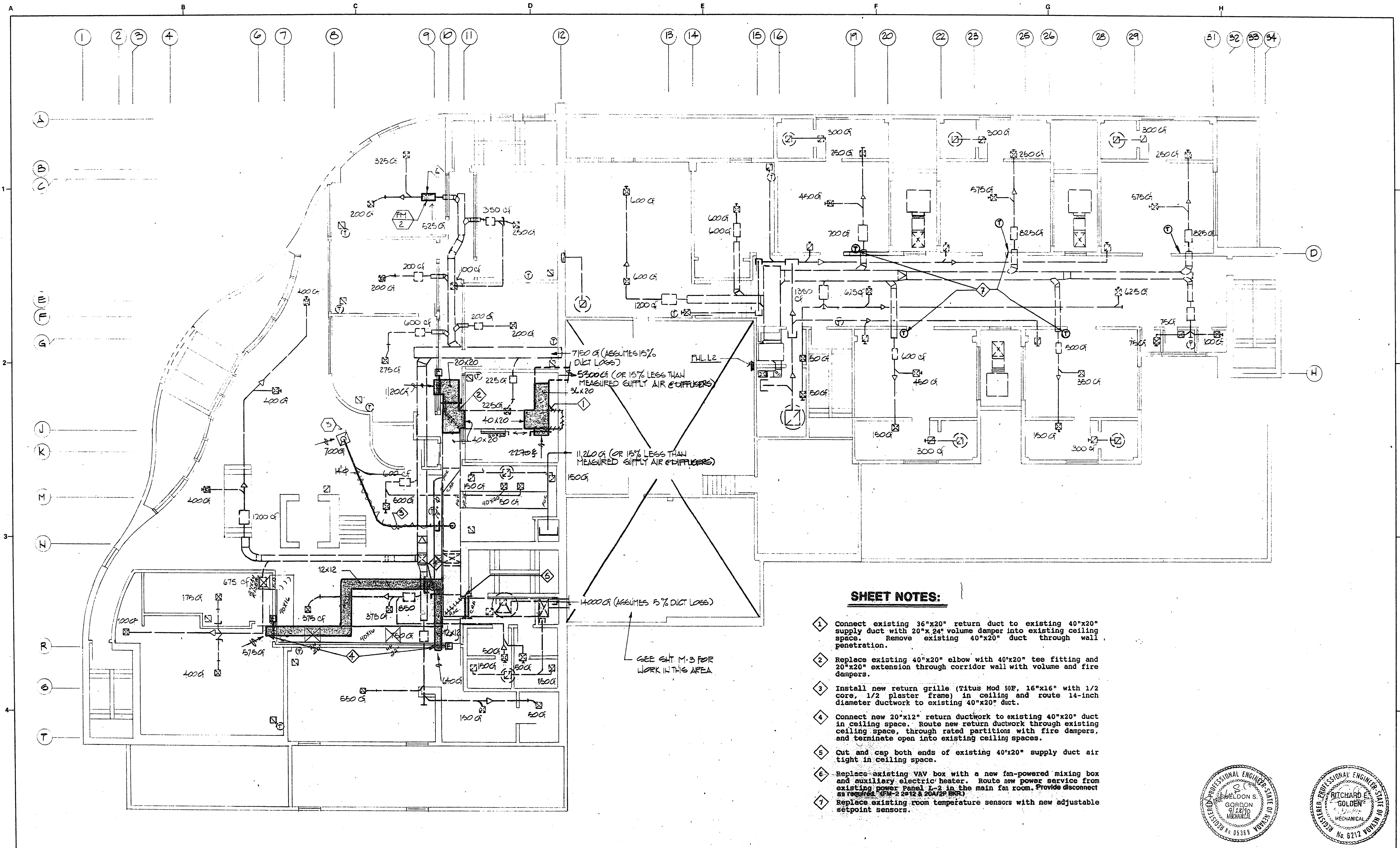
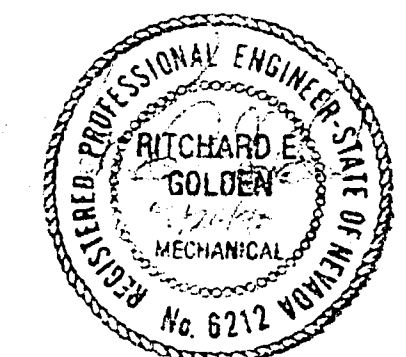




SHEET NOTES:

- 1 Connect existing 36"x20" return duct to existing 40"x20" supply duct with 20"x24" volume damper into existing ceiling space. Remove existing 40"x20" duct through wall penetration.
- 2 Replace existing 40"x20" elbow with 40"x20" tee fitting and 20"x20" extension through corridor wall with volume and fire dampers.
- 3 Install new return grille (Titus Mod 50F, 16"x16" with 1/2 core, 1/2 plaster frame) in ceiling and route 14-inch diameter ductwork to existing 40"x20" duct.
- 4 Connect new 20"x12" return ductwork to existing 40"x20" duct in ceiling space. Route new return ductwork through existing ceiling space, through rated partitions with fire dampers, and terminate open into existing ceiling spaces.
- 5 Cut and cap both ends of existing 40"x20" supply duct air tight in ceiling space.
- 6 Replace existing VAV box with a new fan-powered mixing box and auxiliary electric heater. Route new power service from existing power Panel L-2 in the main fan room. Provide disconnect as required (M-2 2012 & 2014/2015).
- 7 Replace existing room temperature sensors with new adjustable setpoint sensors.



Revised	Description	Submit	App'd	Date
Refer to Tracing for Latest Revision				

Reference Information and Notes:

Designed REG
Drawn D.R.
Checked REG
Date

SECOND LEVEL MECHANICAL PLAN	
Kennedy/Jenks/Chilton	Reno, Nevada
Submitted:	Approved:

FIRE STATION #1	
HVAC REMODEL	
LAS VEGAS, NV.	
Scale 1/8" = 1'-0"	Sheet 2
Job No.	M-2
	of 6

4-211