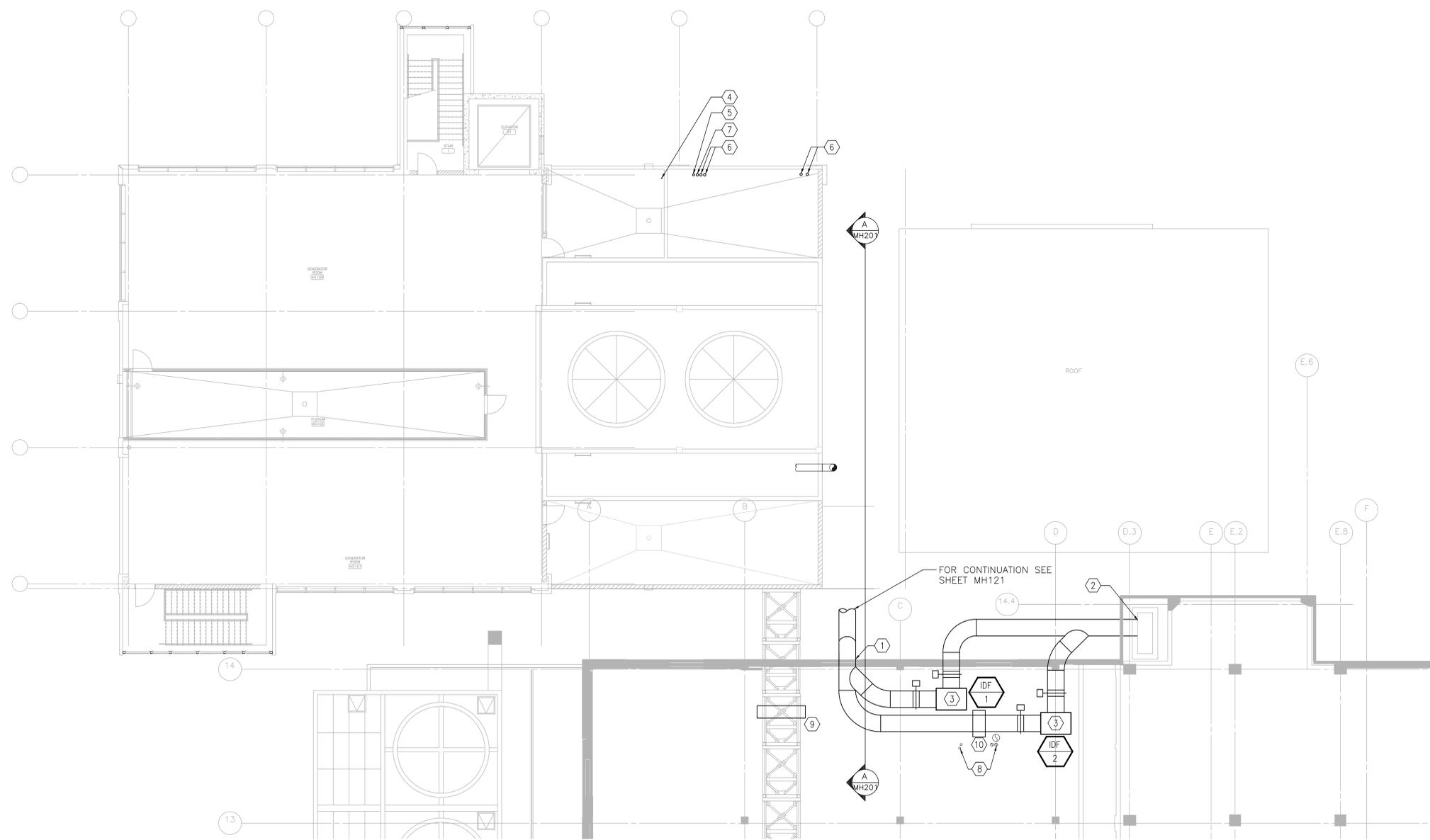


three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot

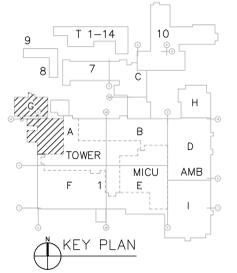


KEYNOTES

1. INSTALL (N) 32" ID COMBINED BOILER FLUE AS SHOWN.
2. PROVIDE NEW FLUE PENETRATION INTO EXISTING MASONRY CHIMNEY.
3. INSTALL (N) HIGH TEMPERATURE EXHAUST FAN (TYPICAL 2). INSTALL AUTOMATIC DAMPERS UPSTREAM AND DOWNSTREAM OF EACH FAN.
4. 1" DEAERATOR VENT THROUGH ROOF. TERMINATE PIPING 6' ABOVE ROOF.
5. 4" DEAERATOR STEAM PRESSURE REDUCING STATION SAFETY RELIEF VALVE VENT THROUGH ROOF. TERMINATE PIPING 6' ABOVE ROOF.
6. BOILER RELIEF VENTS THROUGH ROOF (TYPICAL 4). TERMINATE PIPING 6' ABOVE ROOF.
7. 4" DEAERATOR RELIEF VENT THROUGH ROOF. TERMINATE PIPING 6' ABOVE ROOF.
8. EXISTING ROOF PENETRATIONS TO REMAIN.
9. FABRICATE A STEEL BRIDGE WITH PLATFORM AND HANDRAILS TO NAVIGATE EXISTING CABLE TRAY.
10. FABRICATE A STEEL BRIDGE WITH PLATFORM AND HANDRAILS TO NAVIGATE NEW DUCTWORK.

**BASE BID
 AREA G/A - MECHANICAL
 ROOF PLAN**

Scale: 1/8" = 1'-0"



DESIGN DEVELOPMENT - NOT FOR CONSTRUCTION

Revisions: _____ Date _____ _____ Date _____ _____ Date _____ _____ Date _____ _____ Date _____	CONSULTANTS: _____ _____	ARCHITECT/ENGINEERS: GLHN ARCHITECTS & ENGINEERS, INC. 2939 E. Broadway Blvd. Tucson, Arizona 85716 PH: 520-881-4546 FAX: 520-795-1822 glhn.com <small>COPYRIGHT 2010 GLHN ARCHITECTS & ENGINEERS, INC. ALL RIGHTS RESERVED.</small>	Drawing Title BASE BID: ROOF AREA A/G MECHANICAL NEW WORK PLAN	Project Title MIAMI UTILITY PLANT CORRECTIONS	Project Number 0555.118	Office of Construction and Facilities Management
			Approved Project Director _____	Location MIAMI UTILITY PLANT	Building Number G/A	