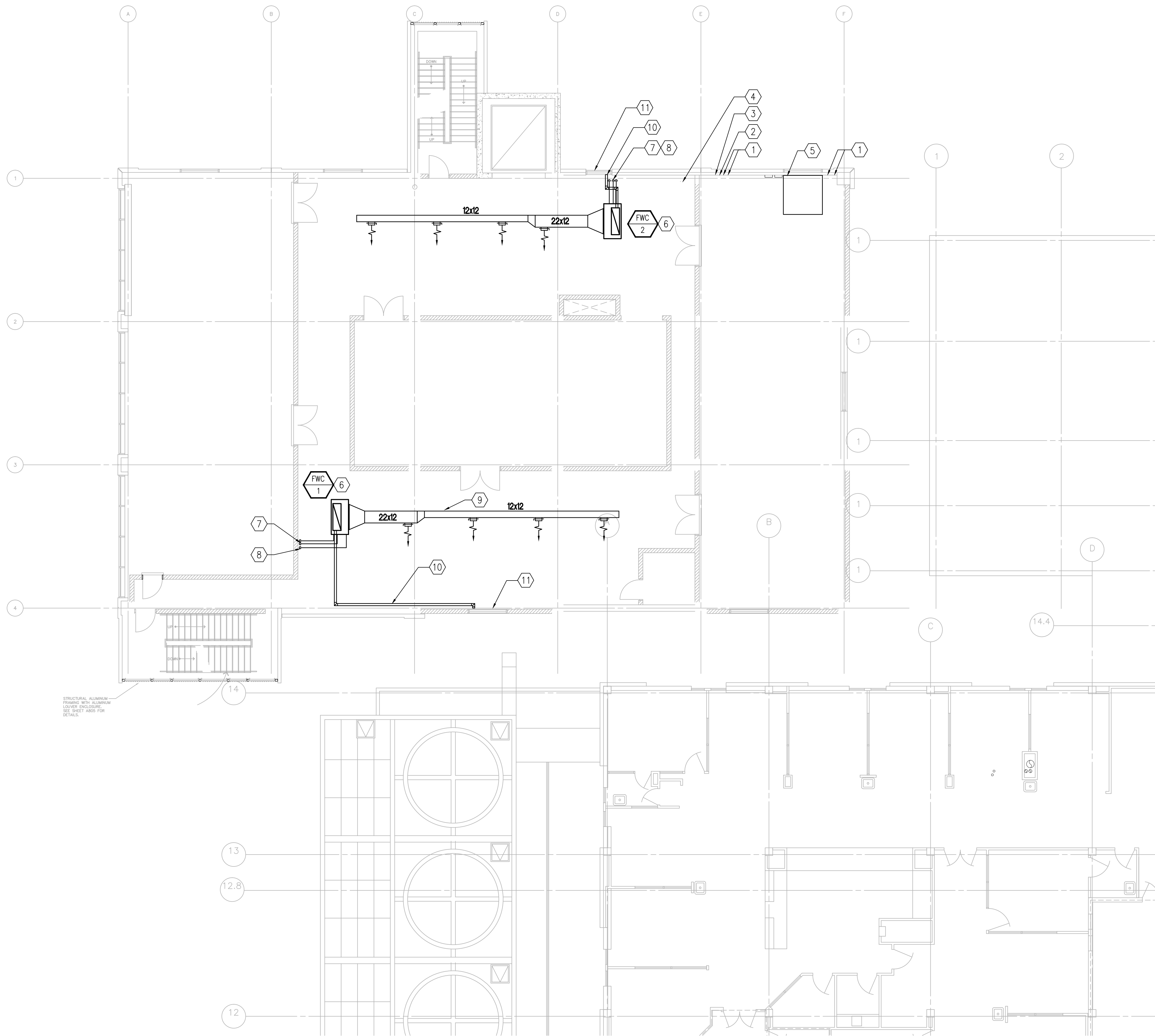
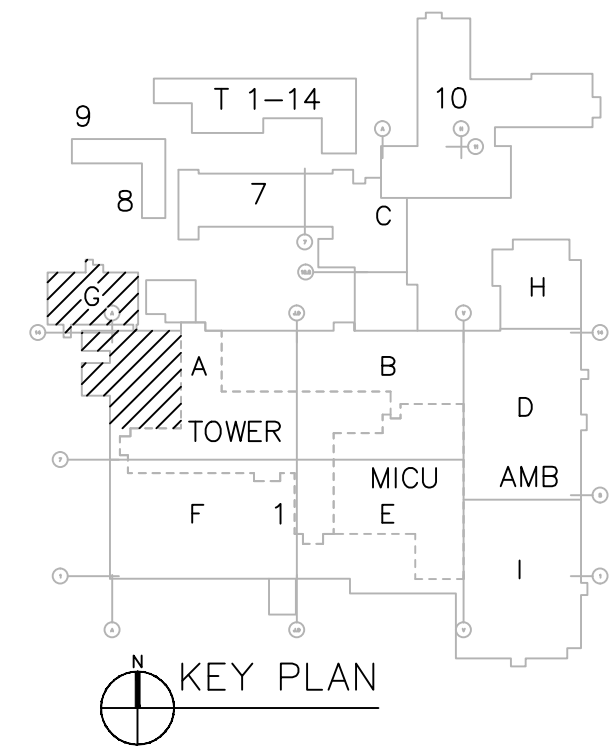


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



ADD ALTERNATES
AREA A/G - MECHANICAL
3RD FLOOR PLAN

- KEYNOTES** #
1. BASE BID: BOILER SAFETY RELIEF VENTS FROM SECOND LEVEL THROUGH ROOF (TYPICAL 4).
 2. BASE BID: 4" DEAERATOR SAFETY RELIEF VENT FROM SECOND LEVEL TO ROOF. TERMINATE PIPING 6" ABOVE ROOF.
 3. BASE BID: 4" DEAERATOR STEAM PRESSURE REDUCING STATION SAFETY RELIEF VALVE VENT THROUGH ROOF. TERMINATE PIPING 6" ABOVE ROOF.
 4. BASE BID: 1" DEAERATOR VENT FROM SECOND LEVEL TO ROOF.
 5. BASE BID: EXISTING SIDEWALL FAN TO REMAIN. ROUTE NEW PIPING TO AVOID EXISTING ELECTRICAL EQUIPMENT.
 6. ADD ALTERNATE # 4: NEW FAN COIL UNIT.
 7. ADD ALTERNATE # 4: ROUTE NEW 1" CHILLED WATER SUPPLY AND RETURN PIPING FROM SECOND FLOOR TO NEW FAN COIL UNIT.
 8. ADD ALTERNATE # 4: ROUTE NEW 3/4" DRAIN TO LEVEL TWO.
 9. ADD ALTERNATE # 4: ROUTE NEW SUPPLY DUCTWORK AS SHOWN WITH (4) 20X6 OUTLETS AND BALANCING DAMPERS.
 10. ADD ALTERNATE #4: INSTALL 4X4 OUTSIDE AIR DUCTWORK WITH MANUAL DAMPER FROM NEW FAN COIL UNIT TO NEAREST OUTSIDE AIR LOUVER. BALANCE OUTSIDE AIR FLOW TO 85 CFM (TYPICAL 2).
 11. ADD ALTERNATE #4: CLOSE OFF EXISTING OUTSIDE AIR LOUVERS WITHIN THE CENTRAL ELECTRICAL GEAR ROOM WITH SHEETMETAL. PROVIDE OPENINGS IN SHEETMETAL FOR NEW OUTSIDE AIR DUCTWORK. MAINTAIN AN 8/8 OPENING IN THE EXISTING LOUVERS FOR RELIEF AIR OUT OF THE BUILDING.



DESIGN DEVELOPMENT - NOT FOR CONSTRUCTION

CONSULTANTS:		ARCHITECT/ENGINEERS: GLHN ARCHITECTS & ENGINEERS, INC. 2939 E. Broadway Blvd. Tucson, Arizona 85716 PH: 520-881-4546 FAX: 520-795-1822 glhn.com COPYRIGHT 2010 GLHN ARCHITECTS & ENGINEERS, INC. ALL RIGHTS RESERVED		Drawing Title ADD ALTERNATES: AREA A/G MECH LEVEL 3 NEW WORK PLAN		Project Title MIAMI UTILITY PLANT CORRECTIONS		Project Number 0555.118		Office of Construction and Facilities Management Department of Veterans Affairs	
				Approved Project Director		Location MIAMI UTILITY PLANT		Building Number G/A			
Revisions:						Date 08-05-11		Checked HWJ			
										Drawing Number MH131 Dwg. -- of --	