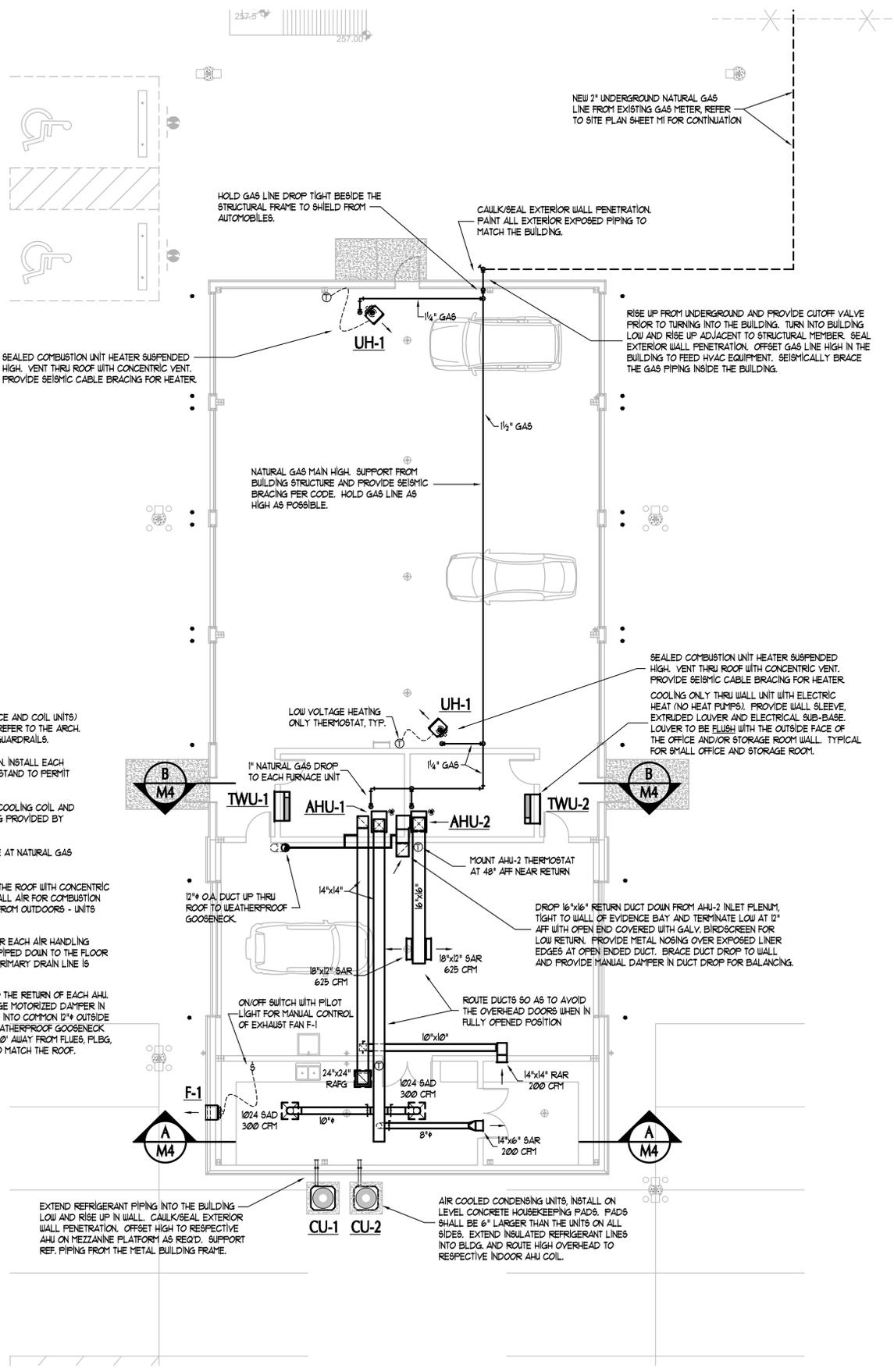
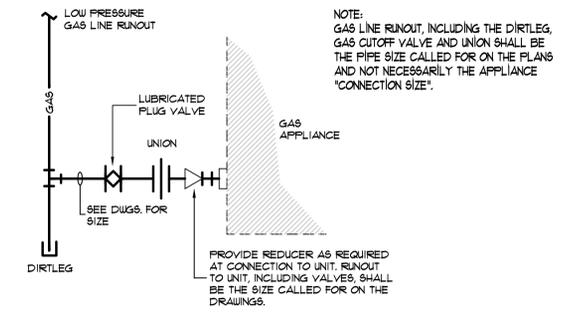


A  
B  
C  
D

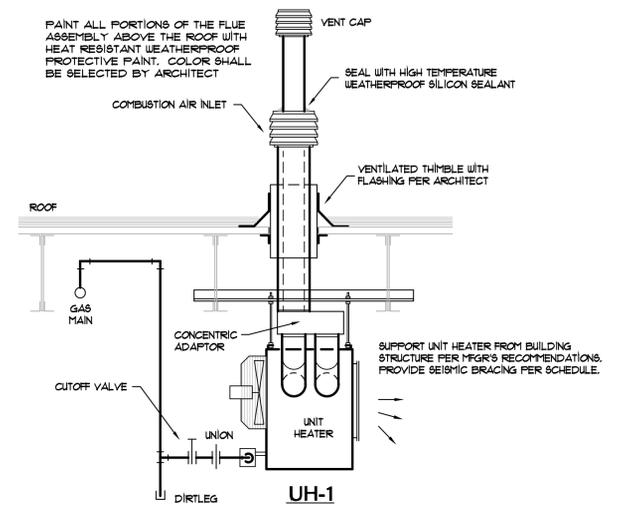
**AIR HANDLING UNIT NOTES:**  
 INSTALL UPFLOW AIR HANDLING UNITS (FURNACE AND COIL UNITS) ON EQUIPMENT MEZZANINE ABOVE OFFICES. REFER TO THE ARCH. DRAWINGS FOR ACCESS TO PLATFORM AND GUARDRAILS.  
 UNITS SHALL BE UPFLOW WITH BOTTOM RETURN. INSTALL EACH UNIT ON FIELD FABRICATED STEEL SUPPORT STAND TO PERMIT UN-OBSTRICTED BOTTOM RETURN INLET.  
 SPILL CONDENSATE DRAIN FROM EACH UNIT COOLING COIL AND CONDENSING FURNACE SECTION INTO OPENING PROVIDED BY PLUMBING.  
 PROVIDE DIRTLEG UNION AND CUTOFF VALVE AT NATURAL GAS LINE CONNECTION TO EACH UNIT.  
 VENT EACH FURNACE VERTICALLY THROUGH THE ROOF WITH CONCENTRIC VENT PER THE MFG'S RECOMMENDATIONS. ALL AIR FOR COMBUSTION IS TO BE PIPED TO THE UNITS COMPLETELY FROM OUTDOORS - UNITS SHALL NOT USE ROOM AIR FOR COMBUSTION.  
 PROVIDE GALV. AUXILIARY DRAIN PAN UNDER EACH AIR HANDLING UNIT WITH SEPARATE AUXILIARY DRAIN LINE PIPED DOWN TO THE FLOOR OF THE SHOP TO SERVE AS AN ALARM. THE PRIMARY DRAIN LINE IS RESTRICTED.  
 MAKE INDIVIDUAL 8" FRESH AIR RUNOUTS TO THE RETURN OF EACH AHU. PROVIDE MANUAL DAMPER AND LOW VOLTAGE MOTORIZED DAMPER IN EACH RUNOUT (SEE SPECS). COMBINE DUCTS INTO COMMON 12" OUTSIDE AIR DUCT AND EXTEND UP THRU ROOF TO WEATHERPROOF GOOSENECK WITH BIRDSCREEN. HOLD O.A. INLET MINIMUM 10' AWAY FROM FLUES, FLEGS, SANITARY VENTS, ETC. PAINT GOOSENECK TO MATCH THE ROOF.



1 FLOOR PLAN - HVAC  
 1/8" = 1'-0"



GAS LINE CONNECTION DETAIL  
 NO SCALE



SEPARATED COMBUSTION UNIT HEATER DETAIL  
 NO SCALE

**BCM**  
 BARHAM/CAIN/MYNATT  
 Incorporated  
 Consulting Engineers  
 1015 Cordova Station Road Cordova, Tennessee 38018  
 Phone: (901) 685-2371 Fax: (901) 682-0233

revisions	
no.	date
<b>john pruet architects</b> 1869 madison ave. memphis, tn 38104 (901) 721-9062 pruetarchitects@bellsouth.net www.pruettarchitects.com	
<b>Shelby County Sheriff's Department</b> <b>EQUIPMENT STORAGE BUILDING</b> 989 Dovecrest Road, Memphis, TN 38134	
sheet name	
<b>HVAC FLOOR PLAN</b>	
date	
<b>April 29, 2014</b>	
<b>M2</b>	