

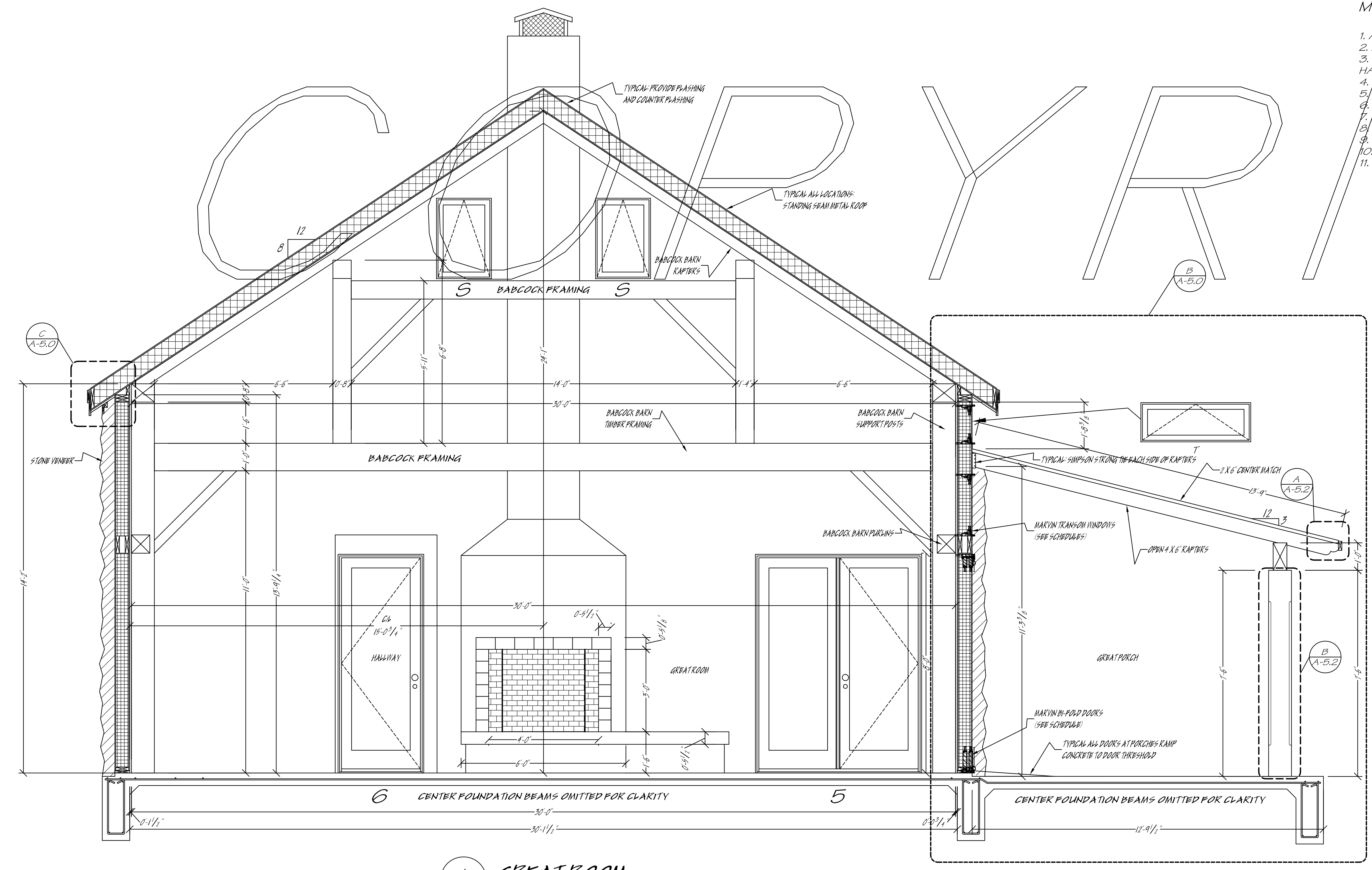
Reviewed By:  
**REVIEWER**  
01/23/2017

Drawn By:  
**James Kenalty**  
01/29/2017

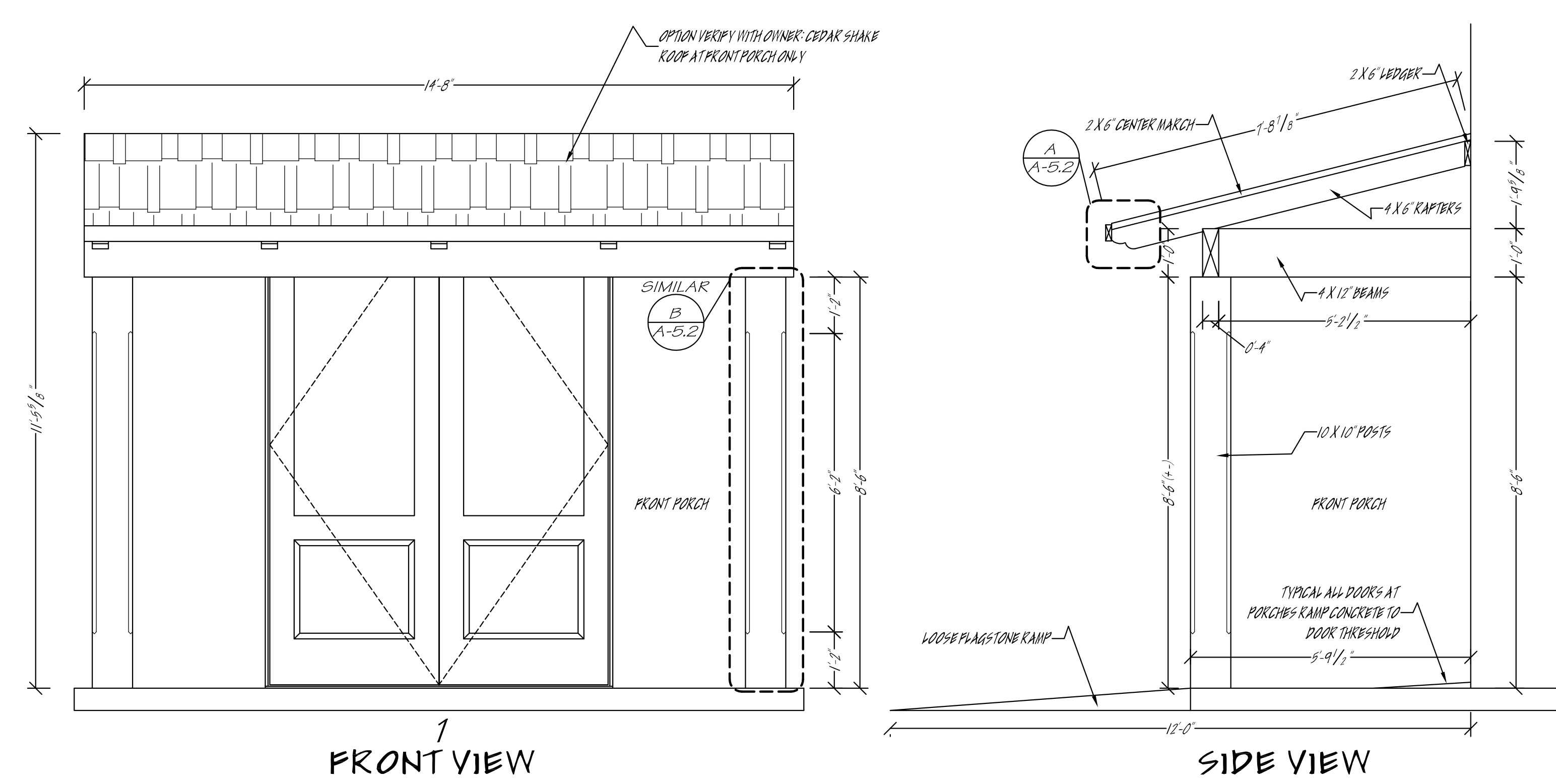
Project Start Date:  
09/20/2017

**MECHANICAL DESIGN BUILT BY HVAC CONTRACTOR**

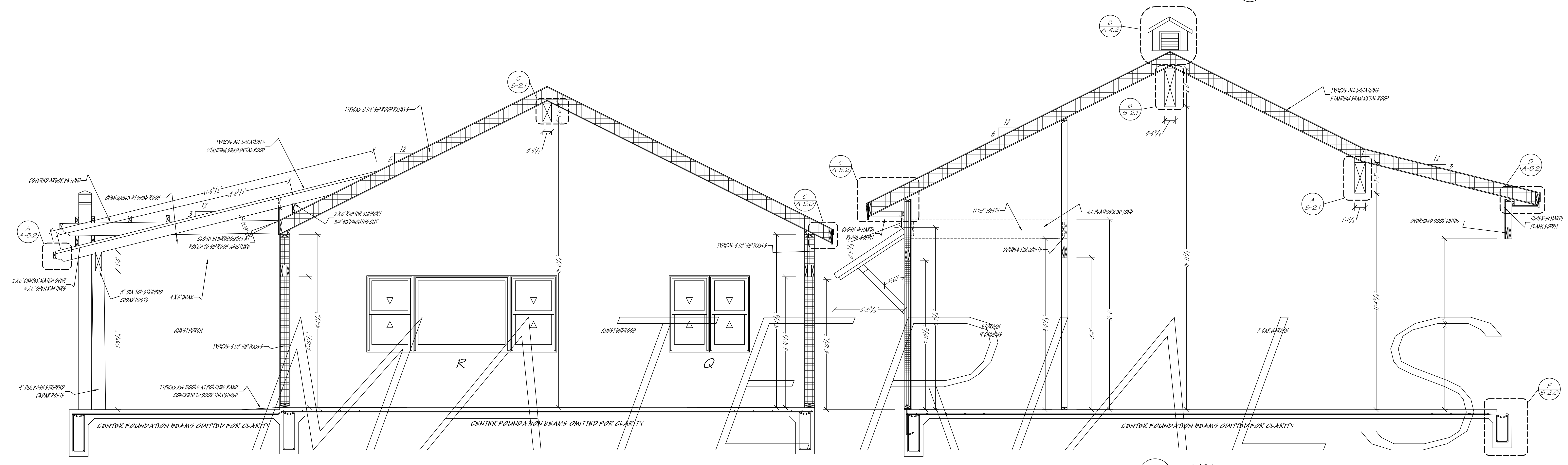
1. ALL DUCT SHALL BE GALVANIZED METAL INSULATED WITH R-6 WRAP FOR THE FIRST 20' LEAVING THE AIR HANDLER UNIT
2. ALL DUCT DIAMETERS SHALL BE GIVEN AS CLEAR INSIDE DIMENSIONS
3. CONNECT MAIN CONDENSATION DRAIN LINES TO PLUMBING TRAP PROVIDE FULL SIZE SECONDARY DRAIN PAN BENEATH EACH AIR HANDLER UNIT WITH FLOAT SAFETY DEVICE AT ALL EMERGENCY DRAIN LOCATIONS
4. EQUIP EACH UNIT WITH DUCT MOUNTED SMOKE DETECTOR AND FAN SHUTDOWN SWITCH
5. THERMOSTAT IS TO BE CHRONOTHERMAL DIGITAL PROGRAMMABLE AT ALL LOCATIONS
6. INSTALL DIRECT WIRED SMOKE SENSOR IN ORDER TO SHUT DOWN SYSTEM IN CASE OF FIRE
7. INSTALL ULTRA VIOLET LIGHT FILTER AT ALL AIR RETURN AIR LOCATIONS
8. INSULATED R-6 FLEX LINE MAY BE USED FOR FINAL CONNECTIONS TO CEILING BOXES WITH MAXIMUM LENGTH NOT TO EXCEED 60'
9. MECHANICAL CONTRACTOR TO PROVIDE RESIDENTIAL COOLING LOAD CALCULATIONS "RESCALC" TO OWNER PRIOR TO BEGINNING ANY WORK
10. MAKE PROVISIONS FOR FRESH AIR INTAKE TO MECHANICAL UNITS AS NEEDED
11. MECHANICAL CONTRACTOR TO PROVIDE RESCALC DATA FOR ENTIRE PROJECT PRIOR TO COMMENCING ANY WORK



**GREAT ROOM**  
12'-1'0"



**FRONT ENTRY DETAILS**  
12'-1'0"



**GUEST BEDROOM**  
12'-1'0"

**GARAGE**  
12'-1'0"

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CUSTOM DESIGN FOR  
NAME OF CUSTOMER  
NAME OF REALTUTOR RANCH  
PROPERTY ADDRESS  
TOWN, TEXAS ZIP  
PHONE NUMBERS

Drawing Sealed By:

SCALE:  
1/2" = 1'  
SECTIONS  
SHEET  
A - 4.0