

CAPITAL CONSTRUCTION
4071 NE TIMBERLAKE COURT

Combustion Air			
Per IRC 2006 G2407.5.1			
Fuel Burning Appliance #1	Furnace	100000	Btu/h
Fuel Burning Appliance #2		50000	Btu/h
Fuel Burning Appliance #3		NA	Btu/h
Total Btu/h		150000	Btu/h
Area of Usable Space		235	sq. ft
Ceiling Height in Usable Space (no sheetrock)		9	ft
Required Volume of Air = Total Btu/h * (50 cu.ft./1000 Btu/h)			
		= 7500	cu.ft.
Required Area of Usable Space		233	sq.ft.
Standard Method Work?		OKAY	
Combustion Air Transfer Grille			
Per IRC 2006 G2407.5.3.1			
Required Opening Free Space = 1 sq.in./1000 Btu/h			
	=	160 in.sq.	
Size of Grill(s) to be used	=	(2) 14"X8"	
Note: If Fuel Burning Appliances are enclosed, (1) opening is required within 12" of floor and (1) opening is required within 12" of top of enclosure			

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