



Ensuite		157	4037	0	105	0
Master Bedroom		190	4530	0	118	0
Laundry		54	180	0	5	0
WIC		69	848	0	22	0
Foyer		205	4996	0	130	0
Pantry		67	692	0	18	0
1/2 Bath		28	0	0	0	0
Bedroom 3		155	2297	0	60	0
Ensuite 2		50	1569	0	41	0
WIC 2		37	1970	0	51	0
Bedroom 2		226	7833	0	204	0
Entire House	d	3959	69734	0	1815	0
Other equip loads			20320	0		
Equip. @ 1.00 RSM				0		
Latent cooling				0		
TOTALS		3959	90054	0	1815	0



**Project Summary**  
**Entire House**  
**WM Schmidt Mechanical**

Job: 78154  
 Date: November 30, 2021  
 By: [REDACTED]

Cert.#: 12673  
 4603D - 13 Street NE, Calgary, AB [REDACTED]

**Project Information**

For: [REDACTED]

Notes:

**Design Information**

Weather: Calgary, AB, CA

**Winter Design Conditions**

Outside db -24 °F  
 Inside db 70 °F  
 Design TD 94 °F

**Summer Design Conditions**

Outside db 84 °F  
 Inside db 75 °F  
 Design TD 9 °F  
 Daily range H  
 Relative humidity 50 %  
 Moisture difference 0 gr/lb

**Heating Summary**

Structure 69734 Btuh  
 Ducts 0 Btuh  
**Central vent (SER=61% 136 cfm) 5385 Btuh**  
*Heat recovery*  
 Humidification 14935 Btuh  
 Piping 0 Btuh  
 Equipment load 90054 Btuh

**Sensible Cooling Equipment Load Sizing**

Structure 0 Btuh  
 Ducts 0 Btuh  
 Central vent (0 cfm) 0 Btuh  
 (none)  
 Blower 0 Btuh  
 Use manufacturer's data y  
 Rate/swing multiplier 1.00  
 Equipment sensible load 0 Btuh

**Infiltration**

Method F280  
 Expos. categ Partially sheltered  
 Const. categ Energy Tight (ACH=1.5)  
 Number of stories 2.0

	<b>Heating</b>	<b>Cooling</b>
Area (ft²)	3959	0
Volume (ft³)	34280	0
Air changes/hour	0.34	0
Equiv. AVF (cfm)	194	0

**Latent Cooling Equipment Load Sizing**

Structure 0 Btuh  
 Ducts 0 Btuh  
 Central vent (0 cfm) 0 Btuh  
 (none)  
 Equipment latent load 0 Btuh

**Equipment Total Load (Sen+Lat)** 0 Btuh  
 Req. total capacity at 0.70 SHR 0 ton

**Heating Equipment Summary**

Make Comfortmaker  
 Trade COMFORTMAKER  
 Model G97CMN1002122A  
 AHRI ref 203924597

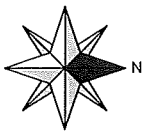
Efficiency	97 AFUE
Heating input	100000 Btuh
Heating output	98000 Btuh
Temperature rise	50 °F
Actual air flow	1815 cfm
Air flow factor	0.026 cfm/Btuh
Static pressure	0 in H2O
Space thermostat	

**Cooling Equipment Summary**

Make	n/a
Trade	n/a
Cond	n/a
Coil	n/a
AHRI ref	n/a
Efficiency	n/a
Sensible cooling	0 Btuh
Latent cooling	0 Btuh
Total cooling	0 Btuh
Actual air flow	0 cfm
Air flow factor	0 cfm/Btuh
Static pressure	0 in H2O
Load sensible heat ratio	0

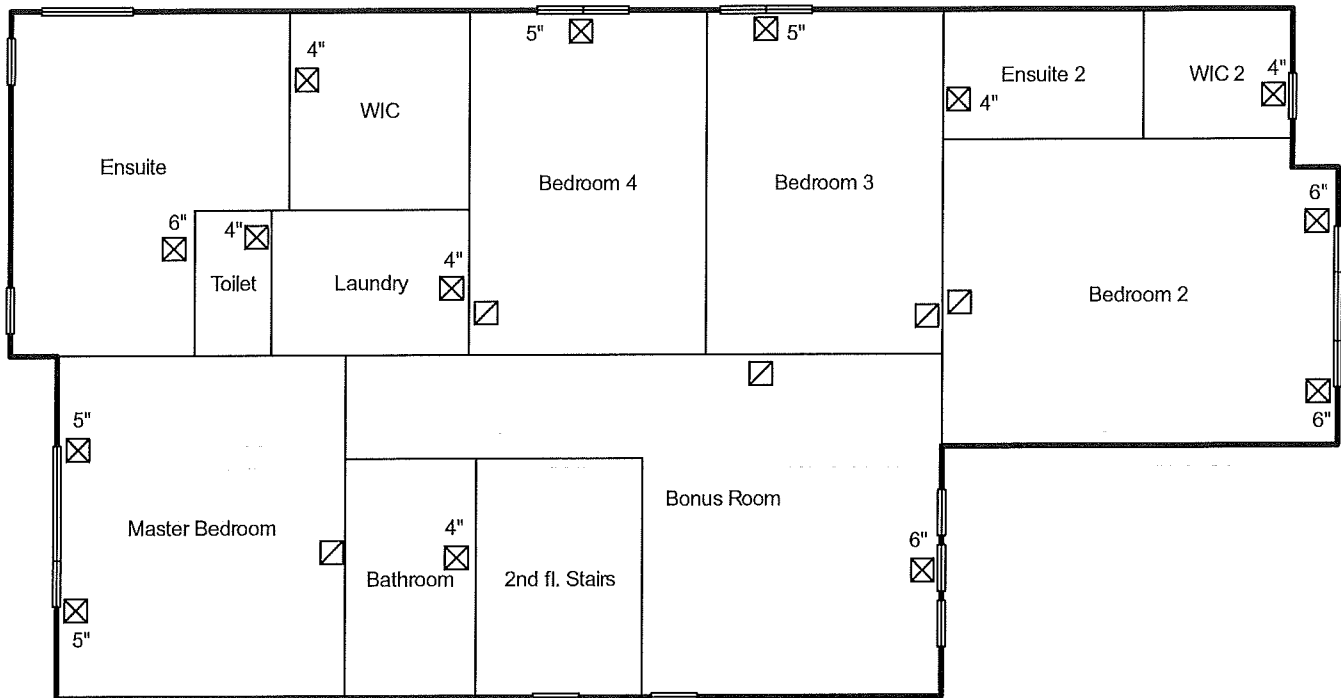
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### Second floor



Job #: 78154

Nuvista Homes

WM Schmidt Mechanical

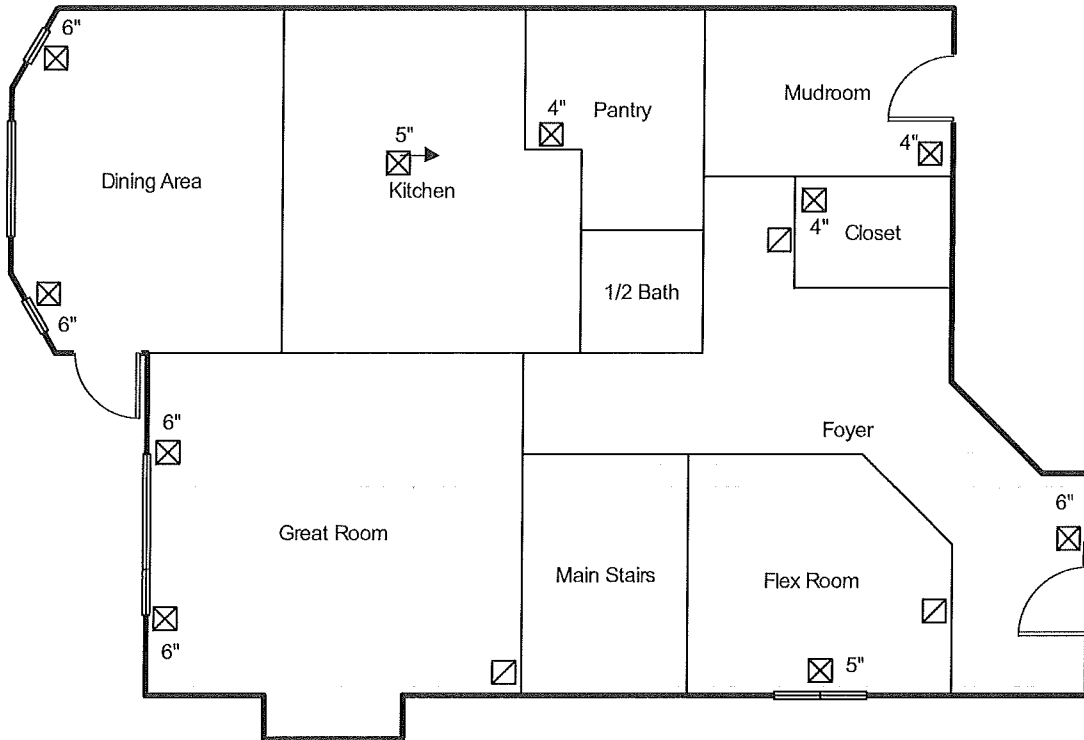
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Calgary, AB

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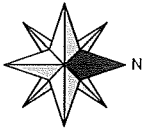
First floor



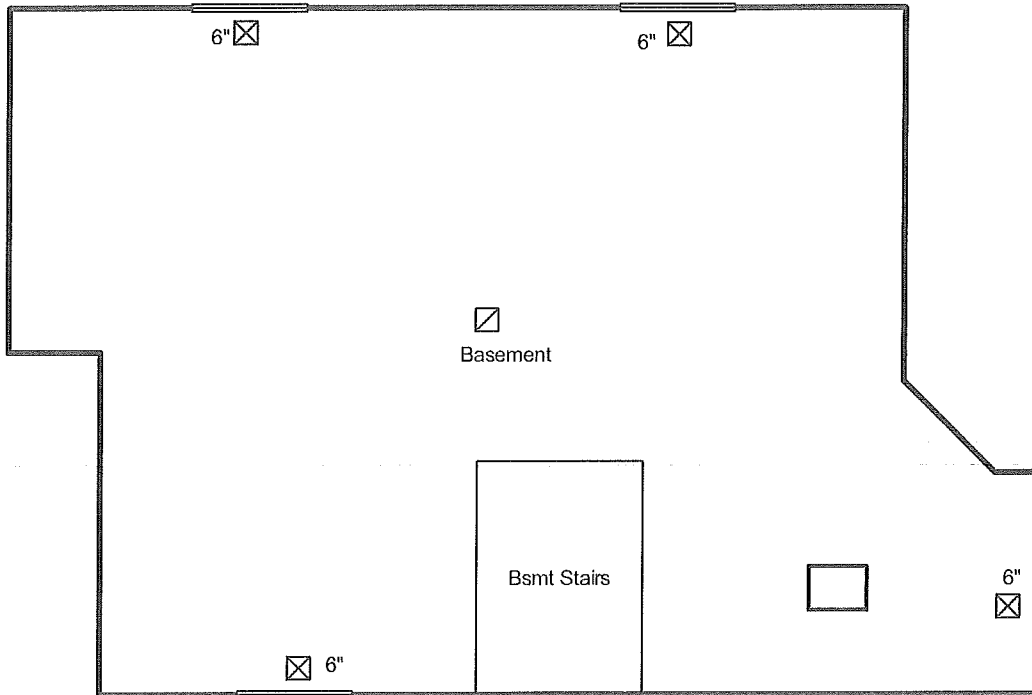
Job #: 78154  
Performed by [REDACTED]  
NuVista Homes  
[REDACTED] t  
Airdrie

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**Basement**



Job #: 78154  
Performed by [REDACTED] for:

**WM Schmidt Mechanical**

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[REDACTED] Group