

Project Title: Sample Project  
 Project ID: 30206  
 Project Manger: T.M.

Prepared By: W.T  
 Checked By: D.W.

Sheet: 1 of 1  
 Date: 2/4/18

**HOT WATER BASEBOARD HEATING**

ROOM-BY-ROOM WORKSHEET

**Project Description**

Hot Water Heating System with baseboard

Boiler Capacity: 256 MBH      HW Supply: 180F  
 Circulator: 20 GPM      HW Return: 160F

	Room ID	Area	Heating Load		Pipe		Baseboard	Remarks
		SF	Btuh/SF	Btu/hr	GPM	Diameter	Feet (Active)	
1	RM01 - Bedroom 1	500	30	15,000	30	1.5"	10.0	
2	RM02 - Bedroom 2	600	30	18,000	30	2"	15.0	
3	RM03 - Living Room	1,200	30	36,000				
4	RM04 - Bathroom 1	60	30	1,800				
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
<b>Total Btu/hr =</b>				70,800				
<b>Total MBH =</b>				70.8				
Safety Factor <b>15%</b>				10.6				
<b>Total MBH =</b>				<b>81.4</b>				

**Notes:**

Sample Data