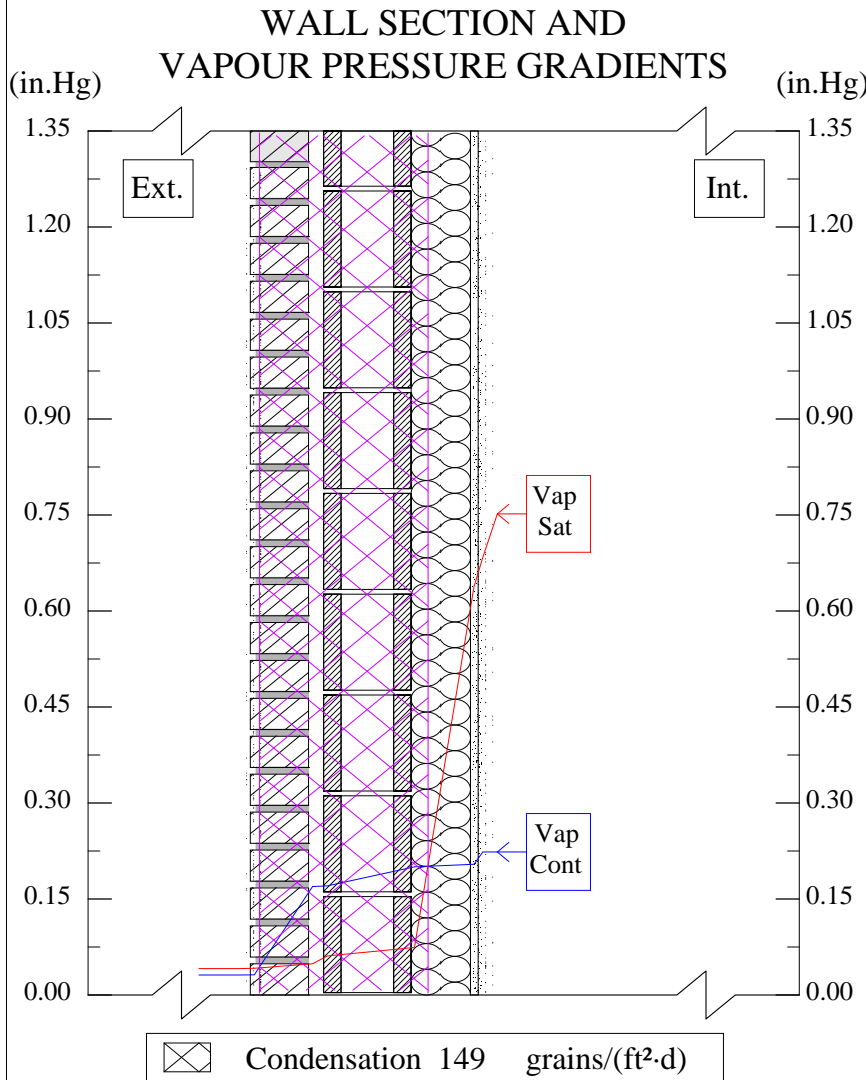


CONDENSATION ANALYSIS

C.L.I. Group, LLC Condensation Analysis Modeling



PROJECT

Name	WHFC
Number	CLI 052007
City	Cleveland, OH
Date	5/9/2007
Analysis by:	Al Tibbs
Wall Type	<input type="checkbox"/> Option <input type="checkbox"/>

CLIMATIC CONDITIONS

	Winter		Summer	
	Int.	Ext.	Int.	Ext.
Temp (°F)	70	1	—	—
RH (%)	30	76	—	—
DPT (°F)	38	-4	—	—

C.L.I. GROUP LLC

(440) 946-7191
EASTLAKE, OHIO, USA, 44095

	Material	Manufacturer	Model No.	Rvap (1/M)	Temp (°C)	VapSat (Pa)	VapCont (Pa)
1	air film (ext), 3/4 in.	No Recor...	Generic...	0.001	1.7	0.041	0.031
2	brick (TTW), 4 in.	No Recor...	Generic...	1.436	4.5	0.048	0.167
3	cavity, 1 in.	No Recor...	Generic...	0.008	8.7	0.060	0.168
4	block, 6 in.	No Recor...	Generic...	0.314	12.7	0.073	0.197
5	batt ins., 4 in.	No Recor...	Generic...	0.041	65.3	0.628	0.201
6	gypsum bd., 1/2 in., (#1)	No Recor...	Generic...	0.198	67.3	0.673	0.220
7	air film (int), 3/4 in.	No Recor...	Generic...	0.006	70.0	0.740	0.220
8							
9							
10							
11							
12							
	TOTAL or (Layer 0)			2.004	(1.0)	(0.041)	(0.031)