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August 1, 2016

Job No. 16-037

Columbus Brick Co.
P.O. Box 9630
Columbus, MS 39705

Re: Plant 1
Red Clear Modular

Gentlemen:

Tabulated below are results of laboratory tests performed at your request. These tests were performed in accordance with ASTM Designation: C-67

Unit No.	Dimensions		Compressive Strength Test			Initial Rate of Absorption (Suction in Grams per 1-Min.)			
	L	W	Total Load Lbs.	Gross Area Sq. Inches	PSI	Unit No.	Initial Rate of Absorption	% Void	
1	3.77	3.90	88,500	14.70	6,020	1	23.55	28.3	27.5
2	3.87	3.87	100,000	15.36	6,510	2	24.55	27.4	26.3
3	3.96	3.95	97,000	15.64	6,200	3	27.03	27.2	27.6
4	3.87	3.97	92,500	15.36	6,020	4	24.52	27.7	28.0
5	3.90	3.76	104,000	14.66	7,090	5	27.91	26.9	26.7
Average of 5 Units:					<u>6,370</u>		<u>25.51</u>	Average of 10 Units: <u>27.4</u>	

Per Cent Water Absorption
24 Hour Submersion in Cold Water

Per Cent Absorption - 5 Hours
Boiling Method

Unit No.	Dry Weight Grams	Wet Weight Grams	% Absorption	Dry Weight Grams	Wet Weight Grams	% Absorption	Sat. Coeff.
1	782.4	828.8	5.93	782.4	849.9	8.63	.69
2	708.2	751.8	6.16	708.2	770.8	8.84	.70
3	713.8	759.2	6.36	713.8	777.4	8.91	.71
4	715.9	759.2	6.05	715.9	778.1	8.69	.70
5	739.2	784.9	6.18	739.2	804.9	8.89	.70
Average of 5 Units:			<u>6.14</u>			<u>8.79</u>	<u>.64</u>

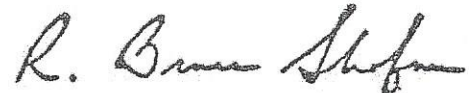
These test results meet the requirements of ASTM Designation: C-652, Grade SW

These brick are rated "Not Effloresced".

We trust that this is the information required at this time.

Yours very truly,

ENGINEERS LABORATORIES, INC.



R. Bruce Shofner

RBS/dw