



**REPORT OF CONCRETE BUILDING BRICK TESTING**

**PROJECT:**  
PRODUCTION CHECK

**REPORTED TO:**  
W.W. THOMPSON CONCRETE PRODUCTS  
PO BOX 87  
BRainerd, MN 56401

**AET PROJECT NO.:** 20-16656

**ATTN:** ROD LAMBBRECHT

**Lab ID No.:** 18-02343-M4

**DATE:** APRIL 2, 2018

**Block Type:** Plain Concrete Solid Brick,  
Marked as BRK 91317  
**Block Producer:** W.W. Thompson Concrete Products,  
Brainerd Minnesota Plant  
**Date Produced:** September 13, 2017  
**Date Tested:** March 28, 2018

**Sample Number:** 1A 1B 1C Avg. ASTM Spec C55-16

**Dimensions:**

	1A	1B	1C	Avg.	Individual Unit	Average of 3 Units
Length, in:	7.66	7.67	7.66	7.66		
Width, in:	3.66	3.68	3.68	3.67		
Height, in:	2.27	2.26	2.26	2.26		

**Physical Properties**

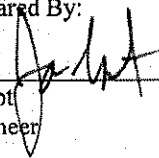
Weight Immersed, lbs:	2.78	2.75	2.75	2.76		
Weight Saturated, lbs:	5.04	4.99	5.00	5.01		
Weight Oven Dry, lbs:	4.69	4.73	4.67	4.70		
Absorption, %:	7.5	5.7	7.1	6.8	15	13
Density, lb/ft <sup>3</sup> :	129.5	131.5	129.1	130.0		125 Min

**Strength**

Total Load, lbs:	162,100	193,470	177,430			
Gross Area, in <sup>2</sup> :	28.0	28.2	28.2			
Gross Strength, psi:	6,440	7,420	6,430	6,760	2,000 min	2,500 min

The samples meet ASTM:C55-16 specifications for concrete masonry units

Report Prepared By:

  
\_\_\_\_\_  
John J. Haupt  
Senior Engineer

