



13750 Sunrise Valley Drive  
Herndon, Virginia 20171-4662  
703.713.1900 ■ 703.713.1910 Fax  
ncma@ncma.org ■ www.ncma.org

April 9, 2007

Gus Lorber  
Allied Concrete  
1000 Harris St Box 1647  
Charlottesville, VA 22902

Please find enclosed a copy of a test report that we performed at your request on the following product that you supplied:

8" Double Corner  
Concrete Masonry Unit  
NCMA Job Number: 07-270-3

We are pleased to report that the tested properties from this report comply with the applicable requirements of ASTM C 90-06, Standard Specification for Loadbearing Concrete Masonry Units.

The attached report includes the tested compressive strength of the concrete masonry unit. The compressive strength of masonry constructed using these units can be calculated using the Unit Strength Method as outlined in Section 1.4.B.2.b of Specifications for Masonry Structures (ACI 530.1-05 / ASCE 6-05 / TMS 602-05). In accordance with this method, the compressive strength of masonry is a function of unit strength and mortar type. As shown in the attached test report...

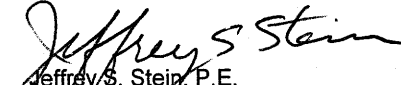
Net Area Compressive Strength of  
8" Double Corner  
Concrete Masonry Unit  
2640 psi

Therefore, the net area compressive strength of masonry when these units are used, can be considered to be the following:

	Net Area Compressive Strength of Masonry	
<u>When used with:</u>		
Type M or S mortar	1910	psi
Type N mortar	1770	psi

The values provided above can be compared directly to the specified compressive strength of masonry,  $f'_m$ . If these values exceed  $f'_m$ , compliance has been documented.

Sincerely,

  
Jeffrey S. Stein, P.E.  
Manager, Research and Development Laboratory