CONCRETE COMPRESSION TEST REPORT AT1597CL-01-07-16

CLIENT: Duke Concrete Products (Otsego Ready Mix)  
PROJECT: CLSM Cylinders  
CONTRACTOR: Not Given  
PLACEMENT DATE: May 10, 2016 (Tuesday)  
CYLINDERS FABRICATED BY: Client  
SUPPLIER: Otsego Ready Mix  
PLANT LOCATION: Oneonta, New York

MIX DESIGN DATA

MIX DATA OBTAINED FROM: Client  
Mix Designation: Not Given

DESIGN STRENGTH AT 28 DAYS:
PER cy: CEMENT (lbs): 100  
WATER (gals): 40  
FINE AGG. (lbs): 2400  
AEA (oz): 3.0

CEMENT BRAND: Lafarge Cement Co.  
W/CM RATIO: Not Given  
FINE AGG. SOURCE: Poland Sand  
AEA BRAND: Euclid AE 92

LABORATORY DATA (ASTM C 39, C 511, and C 1231)

<table>
<thead>
<tr>
<th>Cylinder Number</th>
<th>Client Provided Information</th>
<th>Unit Weight (pcf)</th>
<th>Date of Test</th>
<th>Age (days)</th>
<th>Cylinder Diameter (in)</th>
<th>Cylinder Area (in)</th>
<th>Fracture Type (1-6)</th>
<th>Total Load (lbs)</th>
<th>Unit Load (psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1597CL-01</td>
<td>Required Design Strength - 100</td>
<td>128</td>
<td>07/29/16</td>
<td>80</td>
<td>6.01</td>
<td>28.37</td>
<td>3</td>
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<td>150</td>
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<td>1597CL-02</td>
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<td>130</td>
<td>07/29/16</td>
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<td>3</td>
<td>4640</td>
<td>160</td>
</tr>
</tbody>
</table>

REMARKS

Cylinders were delivered by Duke Concrete on July 29, 2016.  
Unit weights are approximate and are calculated based on cylinder weights and volumes determined in the laboratory.

Reviewed by: __________________________  
Date: __________________________

August 11, 2016