MIX VERIFICATION REPORT NUMBER AT2505CL-04C-16

CLIENT: Oneonta Block Co.
PROJECT: Mix Design Verification
Otsego Ready Mix, Inc.
PLACEMENT LOCATION: Mix Design Verification

PLACEMENT DATE: October 3, 2016 (Monday)
CYLINDERS FABRICATED BY: R. Field
SUPPLIER: Otsego Ready Mix, Inc.

MIX DATA OBTAINED FROM: Client
DESIGN STRENGTH AT 28 DAYS: 5000 psi

Per cy:
- CEMENT (lbs): 489
- SLAG (lbs): 122
- WATER (gals): 29.5
- FINE AGG. (lbs): 1,270
- COARSE AGG. #2 (lbs): 1,800
- COARSE AGG. #1 (lbs): 1,270
- AEA (oz): 2.4
- WRA (oz): 18.3

CEMENT BRAND: Lafarge North America, Type III
SLAG BRAND: Essroc, Oswego, NY
W/CM RATIO: 0.40
FINE AGG. SOURCE: Poland Sand and Gravel, Russia, NY
COARSE AGG SOURCE: Cobleskill Stone, Cobleskill, NY
COARSE AGG SOURCE: Cobleskill Stone, Cobleskill, NY
AEA BRAND: AEA92, Euclid Chemical Co.
WRA BRAND: Eucon WR91, Euclid Chemical Co.

LABORATORY INFORMATION
At the request of Mr. Robert Harlem, representing Otsego Ready Mix, Inc., concrete testing was performed. Laboratory testing was performed in accordance with the following ASTM methods: C 31, C 138, C 143, C 231, and C 1064.

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

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<th>Cylinder ID</th>
<th>Batch Number</th>
<th>Slump (in.)</th>
<th>Unit Weight (pcf)</th>
<th>Date of Test</th>
<th>Age (days)</th>
<th>Concrete Area (in.²)</th>
<th>Total Load (lbs.)</th>
<th>Unit Load (psi)</th>
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REMARKS
The design data was provided by the client.
The final curing was performed in tanks filled with lime saturated water.

Reviewed by: Christopher J. D. Date: December 1, 2016