LETTER OF TRANSMITTAL



Terracon Consultants, Inc.
Pine Point Business Park, 15 Holly Street, Suite 105
Scarborough, ME 04074

Ph. (207) 396-5374 Fax (207) 396-5394 Internet Address: http://www.terracon.com

| Date: | March 4, 2010 | | Attention: Matt Pelletier Sent to: BKA Architects 142 Crescent Street | | | | |
|--------------|--------------------|------------------|---|--|--|--|--|
| Project: | W.B. Mason Expa | nsion | | | | | |
| | 106 Pine Tree Indu | ustrial Parkway | | | | | |
| | Portland, ME 0410 | 02 | Brockton, MA 02302 | | | | |
| | | | | | | | |
| Project No.: | J3091112 | | | | | | |
| WE ARE SENDI | NG YOU: | Field work | X Lab work | | | | |
| _ | | Figures/Drawings | | | | | |
| |)- | Other: | | | | | |
| Copies | Date | 1 | | | | | |
| 1 | 02/03/10 | Concrete Compre | essive Strength Test | | | | |
| | | | | | | | |
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| | | | | | | | |
| | | | | | | | |
| | | • | | | | | |
| THESE ARE TR | ANSMITTED as c | hecked below: | Remarks: | | | | |
| | | | Ted Greenlaw, Structural Engineer tedgreenlawpe@yahoo.com Robert Turner, Turner Brothers, LLC rturner@turnerbrothers.com | | | | |
| | For approval | | | | | | |
| | For your use | | | | | | |
| - | For review and co | mment | | | | | |
| | | | Phil Nunley | | | | |
| COPY TO: | | | pnunley@dragonproducts.com | | | | |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |
| | | | | | | | |
| Signed: | CJR | | | | | | |

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: J3091112.0008B

Service Date: 02/03/10 Report Date: 02/10/10

Scarborough, ME 04074

207-396-5374

Client

BKA Architects Attn: Matt Pelletier 142 Crescent Street

Brockton, MA 02302

Project

W.B. Mason Expansion

106 Pine Tree Industrial Parkway

Portland, ME 04102

Project Number: J3091112

Sample Information

Weather Conditions:

Accumulative Yards:

Water Added Before (gal): Water Added After (gal):

Placement Method:

Sample Date:

Sampled By:

Material Information

Specified Strength: 3,000 psi @ 28 days

3000 3/4 No air Mix ID: Supplier: **Dragon Products**

Batch Time: 1330

Truck No.: 176 Ticket No.: 3934283

Field Test Data

| Test | Result | Specification Max 5 | | |
|---------------------|--------|------------------------|--|--|
| Slump (in): | 4 1/2 | | | |
| Air Content (%): | 3.2 | | | |
| Concrete Temp. (F): | 63 | | | |
| Ambient Temp. (F): | 25 | | | |

Plant:

Sample Location: Footing at lines F and 17

21

Chute

Placement Location: Continuous footing along line 17

02/03/10

clear, 20's F

Ethan M. Marro

between E and F. Isolated footing at lines 16 and F, 4 and B, 4 and C.

Sample Time:

Batch Size (cy):

1425

10.5

Laboratory Test Data

Plastic Unit Wt. (pcf):

| Set No. | Specimen ID | Diameter (in) | Area (sq in) | Date Received | Weight (lbs) | Date Tested | Test (days) | Load (lbs) | Strength (psi) | Fracture Type |
|------------|----------------|---------------|--------------|------------------|--------------|----------------|-------------|---------------|----------------|------------------|
| 2 | A | 4.00 | 12.57 | 02/04/10 | 8.42 | 02/10/10 | 7 | 35,320 | 2,810 | 3 |
| 2 | В | 4.00 | 12.57 | 02/04/10 | 8.42 | 03/03/10 | 28 | 49,600 | 3,950 | 3 |
| 2 | C | 4.00 | 12.57 | 02/04/10 | 8.40 | 03/03/10 | 28 | 48,900 | 3,890 | 5 |
| | | | | | | | Avera | age (28 days) | 3,920 | |
| 2 | D | | | 02/04/10 | 8.44 | | Hold | 12k (54) 15 5 | | |

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Comments: Compressive strength of 28 day cylinders complies with the specified strength. Not tested for plastic unit weight.

Samples Made By: Terracon

Services:

Terracon Rep.: Ethan M. Marro

Reported To: Contractor:

Report Distribution:

(1) BKA Architects

Reviewed By:

Test Methods:

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

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