LETTER OF TRANSMITTAL



Terracon Consultants, Inc.
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Internet Address: http://www.terracon.com

Date: March 23, 2010 Attention: Matt Pelletier Project: W.B. Mason Expansion Sent to: BKA Architects Project Address: 106 Pine Tree Industrial Parkway 142 Crescent Street Portland, ME 04102 Brockton, MA 02302 J3091112 Project No.: __ Field work WE ARE SENDING YOU: X Lab work __ Figures/Drawings __ Report __ Other: Description Copies Date 02/18/10 Concrete Compressive Strength Test Remarks: THESE ARE TRANSMITTED as checked below: Ted Greenlaw, Structural Engineer tedgreenlawpe@yahoo.com __ For approval X For your use Robert Turner, Turner Brothers, LLC __ For review and comment rturner@turnerbrothers.com Phil Nunley pnunley@dragonproducts.com COPY TO: CJRSigned:

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: J3091112.0012B

Service Date: 02/18/10 Report Date: 02/25/10

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

Material Information

Specified Strength: 3,000 psi @

28 days

Specification

Max 5

Mix ID:

Supplier: Batch Time: 0925

Dragon Products Plant:

Truck No.: 192 Ticket No.: 3934339

42

Field Test Data

Test Result Slump (in): 3 1/2 Air Content (%): 2.8 70

Concrete Temp. (F): Ambient Temp. (F):

Plastic Unit Wt. (pcf):

Sample Information

Sample Date:

02/18/10

Sample Time:

1020

Sampled By: Weather Conditions: Ethan M. Marro Clear, 40's F

Accumulative Yards:

10.5

Batch Size (cy): 10.5

Placement Method: Chute

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

Sample Location:

Along line E.6 at 14.

Placement Location:

Footings for the ramp between 13.2 and

15 from E to E.6.

Ago at Maximum Compressive

Labo	rato	ry	Гes	t D	ata

Set No.	Specimen ID	Diameter (in)	Area (sq in)	Date Received	Weight (lbs)	Date Tested	Test (days)	Load (lbs)	Strength (psi)	Fracture Type
5	A	4.00	12.57	02/19/10	8.57	02/25/10	7	33,690	2,680	2
5	В	4.00	12.57	02/19/10	8.49	03/18/10	28	47,750	3,800	5
5	C	4.00	12.57	02/19/10	8.49	03/18/10	28	46,780	3,720	3
							Average (28 days)		3,760	
5	D			02/19/10	8.54		Hold			
		No. ID A	No. ID (in) 5 A 4.00 5 B 4.00	No. ID (in) (sq in) 5 A 4.00 12.57 5 B 4.00 12.57	No. ID (in) (sq in) Received 5 A 4.00 12.57 02/19/10 5 B 4.00 12.57 02/19/10 5 C 4.00 12.57 02/19/10	Set Specimen Diameter (in) Area (sq in) Date Received (lbs) Weight (lbs) 5 A 4.00 12.57 02/19/10 8.57 5 B 4.00 12.57 02/19/10 8.49 5 C 4.00 12.57 02/19/10 8.49	Set Specimen ID Diameter (in) Area (sq in) Date Received (lbs) Weight (lbs) Date Tested 5 A 4.00 12.57 02/19/10 8.57 02/25/10 5 B 4.00 12.57 02/19/10 8.49 03/18/10 5 C 4.00 12.57 02/19/10 8.49 03/18/10	Set Specimen Diameter (in) Area (sq in) Date Received (lbs) Weight (days) Date Tested (days) 5 A 4.00 12.57 02/19/10 8.57 02/25/10 7 5 B 4.00 12.57 02/19/10 8.49 03/18/10 28 5 C 4.00 12.57 02/19/10 8.49 03/18/10 28 Average Average	Set Specimen ID Diameter (in) Area (sq in) Date Received (lbs) Weight (lbs) Date Test (days) Load (lbs) 5 A 4.00 12.57 02/19/10 8.57 02/25/10 7 33,690 5 B 4.00 12.57 02/19/10 8.49 03/18/10 28 47,750 5 C 4.00 12.57 02/19/10 8.49 03/18/10 28 46,780 Average (28 days)	Set Specimen ID Diameter (in) Area (sq in) Date Received (lbs) Weight (lbs) Date Test (days) Load (lbs) Strength (psi) 5 A 4.00 12.57 02/19/10 8.57 02/25/10 7 33,690 2,680 5 B 4.00 12.57 02/19/10 8.49 03/18/10 28 47,750 3,800 5 C 4.00 12.57 02/19/10 8.49 03/18/10 28 46,780 3,720 Average (28 days) 3,760

Caccimon

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:

Wendell Shedd

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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