## 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 3, 2010		Attention: Matt Pelletier					
Project:	W.B. Mason Expa	nsion	Sent to:	BKA Architects 142 Crescent Street Brockton, MA 02302				
Project Address:	106 Pine Tree Indu	ıstrial Parkway						
	Portland, ME 0410							
Project No.:	J3091112							
WE ARE SEND	-	_ Field work _ Figures/Drawings _ Other:		Lab work Report				
Copies	Date	T		Description				
1	02/02/10	Concrete Compressi						
THESE ARE TRANSMITTED as checked below:			Remarks	5:				
			Ted Greenlaw, Structural Engineer  tedgreenlawpe@yahoo.com					
	For approval							
<u>X</u>	For your use		Robert 7	Furner, Turner Brothers, LLC				
_	For review and con	nment	rturner@	turnerbrothers.com				
			Phil Nunley					
COPY TO:			pnunley@	Ddragonproducts.com				
Signed:	CJR							

## CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: J3091112.0007B

Service Date: 02/02/10 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

**Material Information** 

Specified Strength: 4,000 psi @ 28 days

Mix ID: 4000 3/4 Supplier:

**Dragon Products** 

Batch Time: 1330 Truck No.: 192

Plant:

Ticket No.: 3934277 Sample Information

Sample Date:

02/02/10

Sample Time:

1430

Sampled By: Weather Conditions: Ethan M. Marro clear, 20's F

Accumulative Yards:

20 Chute Batch Size (cy): 10

Placement Method: Water Added Before (gal):

Water Added After (gal):

Sample Location:

Along line E at 16.8

Placement Location:

Along line E between 15 and 18, along

line 18 between E and G

Field Test Data

Test Result Specification Slump (in): Max 5 Air Content (%): 4.7 Concrete Temp. (F): 64 Ambient Temp. (F): 25

Plastic Unit Wt. (pcf):

Laboratory Test Data

	Set No.	Specimen ID	Diameter (in)	Area (sq in)	Date Received	Weight (lbs)	Date Tested	Test (days)	Load (lbs)	Strength (psi)	Fracture Type
	1	A	4.00	12.57	02/04/10	8.42	02/09/10	7	53,340	4,250	5
	1	В	4.00	12.57	02/04/10	8.42	03/02/10	28	66,630	5,300	3
	1	C	4.00	12.57	02/04/10	8.42	03/02/10	28	64,390	5,120	5
								Avera	age (28 days)	5,210	
	1	D			02/04/10	8.49		Hold		2	

C---

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:**

CR0001, 5-21-09, Rev.3

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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