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 12, 2010		Attention: Matt Pelletier				
Project:	W.B. Mason Expan			BKA Architects 142 Crescent Street			
Project Address:	106 Pine Tree Indu						
	Portland, ME 0410	2	<u> </u>	Brockton, MA 02302			
Project No.:	J3091112		_				
WE ARE SENDING YOU:		_ Field work		Lab work			
	_	_ Figures/Drawing _ Other:	S F	Report			
Copies	Date	Description					
1	02/10/10 Concrete Compressive Strength Test						
				10			
THESE ARE TR	ANSMITTED as cl	necked below:	Remarks:				
			Ted Greenlaw, Structural Engineer tedgreenlawpe@yahoo.com Robert Turner, Turner Brothers, LLC rturner@turnerbrothers.com				
	For approval						
<u>X</u>	For your use						
	For review and cor	nment					
			Phil Nunley				
COPY TO:			pnunley@d	dragonproducts.com			
	No.						
		9					
Signed:	CJR						

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: J3091112.0010B

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

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: 3,000 psi @

28 days

Mix ID:

3000 3/4

Supplier: **Dragon Products** Batch Time: 1000

Field Test Data

Truck No.:

Slump (in):

190

Ticket No .:

3934309

Specification

Max 5

6%+/-1.5%

Result

4 1/2

4.5

65

33

Sample Information

Sample Date:

02/10/10

Sample Time:

1110

Sampled By: Weather Conditions:

Ethan M. Marro

Accumulative Yards:

Cloudy, 30's F Batch Size (cy):

16

Placement Method:

Chute

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

Sample Location:

Foundation wall at column lines 17 and

Placement Location:

Foundation walls along line 15 from E to E.2, line E from 15 to 18, line 18

from E to G.5, and 17 from E to F.1

Air Content (%):

Test

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

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
3	A	4.00	12.57	02/11/10	8.41	02/17/10	7	35,210	2,800	3
3	В	4.00	12.57	02/11/10	8.42	03/10/10	28	51,530	4,100	5
3	C	4.00	12.57	02/11/10	8.39	03/10/10	28	51,960	4,140	2
							Avera	age (28 days)	4,120	
3	D			02/11/10	8.38		Hold			

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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