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

May 14, 2010			Attention: Matt Pelletier				
Project:	W.B. Mason Expa	ansion	Sent to: BKA Architects				
Project Address:	106 Pine Tree Ind			142 Crescent Street			
	Portland, ME 041			Brockton, MA 02302			
Project No.:	J3091112.0028B						
1 Toject No	JJ091112.0026D						
WE ARE SENDING YOU:		Field work	X	Lab work			
		Figures/Drawings		Report			
		Other:					
Conica	Date			Description			
Copies 1	04/14/10	Cananata Campu	Description pressive Strength Test				
.I	04/14/10	Concrete Compre	ssive suengui	Test			
THESE ARE TR	ANSMITTED as c	hecked below:	Remarks	S:			
			Ted Greenlaw, Structural Engineer				
	For approval			lawpe@yahoo.com			
	For your use		Robert 7	Turner, Turner Brothers, LLC			
_	For review and co	mment	rturner@	turnerbrothers.com			
			Phil Nur	nley			
COPY TO:			pnunley@	@dragonproducts.com			
Signed:	CJR	#1					
	· · · · · · · · · · · · · · · · · · ·						

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: J3091112.0028B

Service Date:

04/14/10

Report Date:

04/16/10

Scarborough, ME 04074

207-396-5374

04/14/10

Clear 40'sF

Ethan M. Marro

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

Sample Date:

Sampled By:

Project Number: J3091112

Sample Information

Weather Conditions:

Material Information

Specified Strength: 4,000 psi @

28 days

Mix ID:

3/8 4000-psi

Supplier: Batch Time: 0725

Dragon Products Plant:

Truck No.:

190

Ticket No.:

3934651

Accumulative Yards: 20 Placement Method: Pump

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

Sample Location:

Between column lines A nad B 3 and 4.

Sample Time:

Batch Size (cy):

0745

10

Placement Location:

Mezzanine between column lines A and

D. 1 and 4.5

Field Test Data

Test Specification Result Slump (in): 6 Max 6 Air Content (%): 2.6 0 - 3 Concrete Temp. (F): 60 Ambient Temp. (F): 41

Plastic Unit Wt. (pcf):

Laboratory Test Data

					Specimen			Age at	Maximum	Compressive	
	Set	Specimen	Diameter	Area	Date	Weight	Date	Test	Load	Strength	Fracture
	No.	ID	(in)	(sq in)	Received	(lbs)	Tested	(days)	(lbs)	(psi)	Type
	8	A	4.00	12.57	04/15/10	8.30	04/21/10	7	58,150	4,630	3
	8	В	4.00	12.57	04/15/10	8.35	05/12/10	28	64,260	5,110	2
	8	C	4.00	12.57	04/15/10	8.41	05/12/10	28	67,190	5,350	2
								Average (28 days)		5,230	
	8	D			04/15/10	8.34		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

CR0001 5-21-09 Rev 3

Reported To: Contractor:

Report Distribution: (1) BKA Architects

Reviewed By:

Test Methods:

ASTM C39, ASTM C143, ASTM C172, ASTM C231, ASTM C1064, ASTM C31

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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CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: J3091112.0028B

Service Date: 04/14/10 **Report Date:** 04/16/10

Terracon
15 Hally St

Sample Time:

0945

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

Sample Date:

Sampled By:

Project Number: J3091112

Sample Information

Material Information

Specified Strength: 4,000 psi @ 28 days

Mix ID: 3/8 4000-psi
Supplier: Dragon Products
Batch Time: 0920 Plant:

Truck No.: 173 Ticket No.: 3934657

Weather Conditions: Clear 40's F

Accumulative Yards: 80 Batch Size (cy): 10

04/14/10

Ethan M. Marro

Placement Method: Pump Water Added Before (gal): Water Added After (gal):

Sample Location: Between column lines C and D. 1 and 2.

Placement Location: Mezzanine between column lines A and

D. 1 and 4.5

Field Test Data

 Test
 Result
 Specification

 Slump (in):
 6
 Max 6

 Air Content (%):
 2.3
 0 - 3

 Concrete Temp. (F):
 58

 Ambient Temp. (F):
 45

abaratary Tast Data

Plastic Unit Wt. (pcf):

Laboratory Test Data				Specimen			Age at	Maximum	Compressive		
	Set No.	Specimen ID	Diameter (in)	Area (sq in)	Date Received	Weight (lbs)	Date Tested	Test (days)	Load (lbs)	Strength (psi)	Fracture Type
	9	A	4.00	12.57	04/15/10	8.32	04/21/10	7	53,340	4,250	2
	9	В	4.00	12.57	04/15/10	8.37	05/12/10	28	59,870	4,760	2
	9	C	4.00	12.57	04/15/10	8.34	05/12/10	28	61,610	4,900	2
								Average (28 days)		4,830	
	9	D			04/15/10	8.36		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:

Wendell Shedd

Test Methods:

ASTM C39, ASTM C143, ASTM C172, ASTM C231, ASTM C1064, ASTM C31

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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