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:			Attention: Matt Pelletier				
Project:	W.B. Mason Expan	sion	Sent to:	BKA Architects			
	106 Pine Tree Indus		142 Crescent Street				
	Portland, ME 04102			Brockton, MA 02302			
Project No.:	J3091112						
WE ARE SEND	ING YOU:	_ Field work _ Figures/Drawings		Lab work Report			
	-						
Copies	Date			Description			
1	02/02/10	Concrete Compress	ive Strength				
		-					
THESE ARE TR	ANSMITTED as ch	ecked below:	Remark	S:			
			Ted Gre	enlaw, Structural Engineer			
_	For approval		tedgreen	lawpe@yahoo.com			
X	For your use		Robert Turner, Turner Brothers, LLC rturner@turnerbrothers.com				
	For review and com	nment					
			Phil Nunley				
COPY TO:	-		pnunley@	@dragonproducts.com			

	No.						
	Name of the second						
G' 1	CID						
Signed:	CJR						

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Report Number: J3091112.0007B

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

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

Dragon Products Supplier: Batch Time: 1330

Plant:

Truck No.: 192 Ticket No.: 3934277

Specification

Max 5

Field Test Data

Test Result Slump (in): 5

Air Content (%): 4.7 Concrete Temp. (F): 64 Ambient Temp. (F): 25

Plastic Unit Wt. (pcf):

Sample Information Sample Date:

02/02/10

Sample Time:

Batch Size (cv):

1430

10

Sampled By: Weather Conditions: Ethan M. Marro

clear, 20's F

20

Chute

Placement Method: Water Added Before (gal):

Water Added After (gal): Sample Location:

Accumulative Yards:

Along line E at 16.8

Placement Location:

Along line E between 15 and 18, along

line 18 between E and G

aboratory Tost Data

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
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			
1	C	4.00	12.57	02/04/10	8.42	03/02/10	28			
1	D			02/04/10	8.49		Hold			

Comments: 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.

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

Sample Date:

Sampled By:

Project Number: J3091112

Sample Information

Weather Conditions:

Accumulative Vards:

Placement Method:

Material Information

Specified Strength: 3,000 psi @ 28 days

Mix ID: 3000 3/4 No air **Dragon Products** Supplier: Batch Time: 1330 Plant:

Truck No.:

Field Test Data

Ticket No.: 3934283

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

21

Chute

Sample Location:

Footing at lines F and 17

Placement Location: Continuous footing along line 17 between E and F. Isolated footing at

02/03/10

clear, 20's F

Ethan M. Marro

lines 16 and F, 4 and B, 4 and C.

Sample Time:

Batch Size (cy):

1425

10.5

rest	Result	Specification
Slump (in):	4 1/2	Max 5
Air Content (%):	3.2	
Concrete Temp. (F):	63	
Ambient Temp. (F):	25	
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
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			
2	C	4.00	12.57	02/04/10	8.40	03/03/10	28			
2	D			02/04/10	8.44		Hold			

Comments: 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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