

# Field/Material Report

Report #: 081721

A.A.R. Testing Laboratory, Inc. 7126 180th Ave.N.E., Park 180, Suite C101, Redmond, WA 98052  
Phone 425.881.5812 Fax 425.881.5441

Client Name: DGR Development, Inc.

Project Number: 15-347

Contact: Michael Roland

Permit # BNR 15-00957

Client Address: 7931 233rd Place S.E.  
Woodinville, WA 98072

Project Name: Alexa Lane  
Address: 12643 N.E. 70th St.

Date: 7/8/2015

Supplier:	CalPortland	Air Temperature:	75 F	
Material Data:	Grout	Concrete Temperature:	80 F	ASTM C 1064
Plant Number:	260	Air Content:	%	ASTM C 231
Mix Number:	3c28	Slump:	6 "	ASTM C 143
Truck Number:	7676	Time Sampled:	11:30:00 AM	
Ticket Number:	1181668	Added Water:	10	ByWhom: Contractor
Number of Samples:	5	Air Entrainment (oz/yard):		
Yards placed:	5	Admixtures (oz/yard):	WRDA	26
Design Strength:	3000		ADVA	20

Inspection Performed: Grout

Location: Water detention vault - closure pour; top of walls, plank voids, slabs at manholes and raised walls

Grid Lines:

Remarks: Resteel inspected on 7-7-2015, see report #62786. Grout was placed in plank joints only.

Conforming to approved plans

Inspector: Panov, Krasimir

2nd Inspector:

3rd Inspector:

Samples Tested in Accordance with ASTM: C 617 C 31 C 172 C 39

Sample ID	Test Date	Age	Size	Area	Set #	Total Load	PSI	Method	Fracture Type
1507299	7/15/2015	7	2 X 4	3.14	1/2	15070	4800	C 617	Shear

Distribution:

Client

Contractor

Owner

Date Mailed:

Municipality

Engineer

Architect

Tested By: Mike Jarbeau

Distribute Other

Reviewed: Mike Blackwell

All tests in accordance with the requirements of ASTM C 31 for casting and curing concrete specimens in the field excluding Section 10.1.2 (required use of a maximum-minimum thermometer). All reports are considered confidential and are the property of the client and A.A.R. Testing Laboratory, Inc. Reproduction except in full, without the written consent of A.A.R. Testing Laboratory is strictly forbidden.

# Field/Material Report

Report #: 084840

**A.A.R. Testing Laboratory, Inc. 7126 180th Ave.N.E., Park 180, Suite C101, Redmond, WA 98052  
Phone 425.881.5812 Fax 425.881.5441**

**Client Name:** DGR Development, Inc.  
**Contact:** Michael Roland  
**Client Address:** 7931 233rd Place S.E.  
Woodinville, WA 98072

**Project Number:** 15-347  
**Permit #** BNR 15-00957  
**Project Name:** Alexa Lane  
**Address:** 12643 N.E. 70th St.

**Date:** 7/8/2015

Supplier:	CalPortland	Air Temperature:	75 F
Material Data:	Concrete	Concrete Temperature:	80 F     ASTM C 1064
Plant Number:	260	Air Content:	%     ASTM C 231
Mix Number:	61946	Slump:	5 "     ASTM C 143
Truck Number:	7202	Time Sampled:	12:10:00 PM
Ticket Number:	1181747	Added Water:	20     ByWhom: Contractor
Number of Samples:	5	Air Entrainment (oz/yard):	
Yards placed:	40	Admixtures (oz/yard) :	WRDA     14
Design Strength:	4000		

**Inspection Performed:** Concrete

**Location:** Water detention vault - closure pour; top of walls, plank voids, slabs at manholes and raised walls

**Grid Lines:**

**Remarks:** Concrete was placed by boom pump in top of walls, plank voids, slabs at manholes, beams and wall risers. Consolidated using vibrator.

Conforming to approved plans     **Inspector:** Panov, Krasimir     **2nd Inspector:**  
**3rd Inspector:**

Samples Tested in Accordance with ASTM:     C 1231   C 31   C 172   C 39

Sample ID	Test Date	Age	Size	Area	Set #	Total Load	PSI	Method	Fracture Type
1507289	7/14/2015	6	4 X 8	12.56	2/2	40090	3190	C 1231	Cone

**Distribution:**      Client      Contractor      Owner     **Date Mailed:**  
 Municipality      Engineer      Architect     **Tested By:** J. Hoover  
 Distribute Other     **Reviewed:** Mike Blackwell

All tests in accordance with the requirements of ASTM C 31 for casting and curing concrete specimens in the field excluding Section 10.1.2 (required use of a maximum-minimum thermometer). All reports are considered confidential and are the property of the client and A.A.R. Testing Laboratory, Inc. Reproduction except in full, without the written consent of A.A.R. Testing Laboratory is strictly forbidden.

# Field/Material Report

Report #: 081755

**A.A.R. Testing Laboratory, Inc. 7126 180th Ave.N.E., Park 180, Suite C101, Redmond, WA 98052  
Phone 425.881.5812 Fax 425.881.5441**

<b>Client Name:</b> DGR Development, Inc.	<b>Project Number:</b> 15-347
<b>Contact:</b> Michael Roland	<b>Permit #:</b> BNR 15-00957
<b>Client Address:</b> 7931 233rd Place S.E. Woodinville, WA 98072	<b>Project Name:</b> Alexa Lane <b>Address:</b> 12643 N.E. 70th St.
<b>Date:</b> 6/17/2015	

Supplier: CalPortland	Air Temperature: 67 F	
Material Data: Concrete	Concrete Temperature: 78 F	ASTM C 1064
Plant Number: 282	Air Content: %	ASTM C 231
Mix Number: 61946	Slump: 5 "	ASTM C 143
Truck Number: 7618	Time Sampled: 8:10:00 AM	
Ticket Number: 1168482	Added Water: 40	ByWhom: QC
Number of Samples: 5	Air Entrainment (oz/yard):	
Yards placed: 40/150	Admixtures (oz/yard) : WRDA	18
Design Strength: 4000		

**Inspection Performed:** Reinforced Concrete

**Location:** Detention vault - Cells 1 and 2 walls

**Grid Lines:**

**Remarks:** Resteel inspected prior to placement as per report 060284 dated 6-9-2015 and 63680 dated 6-10-2015, verified clearance conformance. CalPortland approved mix 61946 was placed via boom pump and was mechanically consolidated in accordance with approved contract documentation.

Conforming to approved plans      **Inspector:** Gabrys, Jorden      **2nd Inspector:**  
**3rd Inspector:**

Samples Tested in Accordance with ASTM:    C 1231   C 31   C 172   C 39

Sample ID	Test Date	Age	Size	Area	Set #	Total Load	PSI	Method	Fracture Type
1506360	6/24/2015	7	4 X 8	12.56	1/1	49780	3960	C 1231	Cone
1506362	7/15/2015	28	4 X 8	12.56	1/1	66270	5280	C 1231	Cone
1506363	7/15/2015	28	4 X 8	12.56	1/1	69580	5540	C 1231	Cone Split

**Distribution:**       Client       Contractor       Owner      **Date Mailed:**  
 Municipality       Engineer       Architect      **Tested By:** Mike Jarbeau  
 Distribute Other      **Reviewed:** Mike Blackwell

All tests in accordance with the requirements of ASTM C 31 for casting and curing concrete specimens in the field excluding Section 10.1.2 (required use of a maximum-minimum thermometer). All reports are considered confidential and are the property of the client and A.A.R. Testing Laboratory, Inc. Reproduction except in full, without the written consent of A.A.R. Testing Laboratory is strictly forbidden.