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## Concrete Test Report

**Report No: CON:W01-14-00502-C1**  
 Date of Issue: 2/14/2014 Issue No: 1

**Customer:** Cellular Concrete Technologies  
 c/o CDI  
 Irvine, CA, 92618  
**Project:** CCT Benchmark Testing  
 100 Pacifica  
 Irvine, CA, 92618

**Project No.:** 140024.1  
**Permit No.:**  
**OSHPD:**  
**DSA File #:**  
**DSA AP #:**

**Jurisdiction:** Irvine  
**Distribution:**

  
 Approved Signatory: Eugene Raymundo (Project Engineer)

### Mix Data

**Supplier** N/A  
**Plant** N/A  
**Mix Identification** N/A  
**Specified Design Strength (psi)** 2900 at age 28 days  
**Mortar Type** N/A  
**Type of Shotcrete** N/A  
**Type of Fibers** N/A

### Details of Sample

<b>Date Sampled</b>	1/9/2014	<b>Date Received</b>	1/10/2014	<b>Measured</b>	<b>Specified</b>
<b>Sample Location</b>	samples submitted by client			<b>Slump (in)</b> ASTM C 143	N/A
<b>Curing Method</b>	Five day Field/Laboratory Cure			<b>Slump w/ plasticizer (in)</b>	N/A
<b>Field Sample No</b>	<b>Field Cure Temp (°F) High</b>	N/A	<b>Low</b>	N/A	N/A
<b>Contractor</b>	N/A			<b>Air Temp (°F)</b>	N/A
<b>Nozzleman</b>	N/A			<b>Concrete Temp (°F)</b> ASTM C 1064	N/A
<b>Gun Operator</b>	N/A			<b>Air Content (%)</b> ASTM C 173	N/A
<b>Truck No.</b>	N/A	<b>Ticket No.</b>	N/A	<b>Unit Weight (pcf)</b> ASTM C 138	N/A
<b>Sampled By</b>	N/A			<b>Batch Size (yd³)</b>	N/A
<b>Submitted By</b>	N/A			<b>Water Added (gal)</b>	<b>Before</b> N/A
<b>Weather</b>	N/A			<b>After</b>	N/A
<b>Est. Wind (mph)</b>	N/A	<b>Yd³ Placed</b>	N/A	<b>Time Batched</b>	N/A
<b>Est. Rh (%)</b>	N/A	<b>Yd³ Rejected</b>	N/A	<b>Time Sampled</b>	N/A
				<b>Time Placed</b>	N/A
				<b>Time In Truck (mins)</b>	N/A

### Compressive Strength of Concrete Cylinders

ASTM C 39

Specimen ID	Date Tested	Age (Days)	Dimensions (in) Diameter	Height	Area (in²)	Type of Cap	Ultimate Load (lbf)	Type of Fracture	Compressive Strength (psi)	Required Strength (psi)
W01-14-00502-1\1	01/16/14	7	4.00	8.00	12.57	U	22790	2	1810	N/A
W01-14-00502-1\2	01/23/14	14	4.00	8.00	12.57		26390	1	2100	N/A
W01-14-00502-1\3	02/06/14	28	4.00	8.00	12.57		38190	1	3040	
<b>Average 28 Day Compressive Strength (psi)</b>									3040	

### Notes

1. Sampling to ASTM C 172
2. Specimen(s) Prepared to ASTM C 31
3. Capping: B = Bonded ASTM C 617, U = Unbonded ASTM C 1231

### Remarks

Fracture Type: 1 = C39: Cones on both ends; C1314: Conical Break, 2 = Cone & Shear  
 Mix#: 95 PCF / 2900 psi