

Concrete Test Report

c/o CDI

Irvine, CA, 92618

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100 Pacifica

CCT Benchmark Testing

Twining, Inc.- Long Beach Lab

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Report No: CON:W01-14-00503-C1

Approved Signatory: Eugene Raymundo (Project Engineer)

Issue No: 2

Date of Issue: 2/14/2014

Permit No.: OSHPD: DSA File #:

Project No.: 140024.1

DSA AP #:

Jurisdiction: Irvine

Distribution:

Customer:

Project:

Mix Data

Supplier N/A **Plant** N/A Mix Identification N/A

Specified Design Strength (psi) 157 at age 28 days

Cellular Concrete Technologies

Mortar Type N/A Type of Shotcrete N/A Type of Fibers N/A

Details of Sample

Specified **Date Sampled** 1/9/2014 Date Received 1/10/2014 Measured N/A Slump (in) ASTM C 143 Slump w/ plasticizer (in) **General Location** Irvine N/A fabricated by client **Sample Location** Air Temp (°F) N/A Concrete Temp (°F) **Curing Method** One day Field/Laboratory Cure N/A ASTM C 1064 Air Content (%) ASTM C 173 Field Sample ID Field Cure Temp (°F) High N/A 74 30/157 N/A Unit Weight (pcf) ASTM C 138 N/A Low N/A N/A Contractor N/A Batch Size (yd3) N/A Nozzleman N/A Water Added (gal) Before N/A **Gun Operator** N/A After N/A Truck No. N/A Ticket No. N/A **Time Batched** N/A Sampled By N/A **Time Sampled** N/A **Submitted By** N/A **Time Placed** N/A Weather N/A Time In Truck (mins) N/A Est. Wind (mph) N/A Yd³ Placed N/A Est. Rh (%) Yd³ Rejected N/A

N/A

Compressive Strength of Concrete Cylinders ASTM C 39

Specimen ID	Date Tested	Age	Dimensi	ons (in)	Area (in²)	Type of	Ultimate	Type of	Compressive	Required
		(Days)	Diameter	Height		Сар	Load (lbf)	Fracture	Strength (psi)	Strength (psi)
W01-14-00503-1\1	01/16/14	7	4.00	8.00	12.57		1260	1	100	N/A
W01-14-00503-1\2	01/23/14	14	4.00	8.00	12.57		1390	1	110	N/A
W01-14-00503-1\3	02/06/14	28	4.00	8.00	12.57		1980	1	160	
	Average 28 Day Compressive Strength (psi)								160	

Notes

1.Sampling to ASTM C 172

3.Capping: B = Bonded ASTM C 617,U = Unbonded ASTM C 1231

2.Specimen(s) Prepared to ASTM C 31

Remarks

Fracture Type: 1 = C39: Cones on both ends; C1314: Conical Break

cellular concrete, Mix no. 30 pcf/157 GM