

EARTH ENGINEERING CONSULTANTS, LLC

REPORT OF CAST-IN-PLACE CONCRETE TESTS

GENERAL INFORMATION

Placement Date: 9/15/2015	Test No.: 4
Placement Location: Sidewalk - NW Corner of Precision Drive	
Concrete Supplier: Aggregate Industries	Type of Placement:
Ticket Number: 80336287	Truck Number: 642
Mix Code: 6406150	Water Added on Site: 4 gals
Batch Time: 8:30 AM Sample Time: 9:00 AM	Yards: 10 of 70
Required 28 Day Compressive Strength (psi): 4000	EEC Technician: CH
Comments:	

FIELD TEST DATA

TEST	RESULTS	SPECIFICATIONS
Slump (in) ASTM C143	4.5"	
Air Content (%) ASTM C231	6.5%	
Unit Weight (pcf) ASTM C138	143.5	---
Concrete Temperature (deg F) ASTM C1064	70	90° Max
Air Temperature at Placement (deg F)		---
Comments:		

COMPRESSIVE STRENGTH OF FIELD CAST TEST SPECIMENS (ASTM C39/C31)

Specimen Number	Date Tested	Age (days)	Maximum Applied Load (lbs)	Cylinder Height (in)	Cylinder Diameter (in)	Area (in ²)	Failure Type	Compressive Strength (psi)	Average Compressive Strength (psi)
4	C	09/29/15	49060	8	4	12.57	Shear	3900	3900

Project: Precision Drive Extension - Harmony Technology Plaza

Project Number: 1154074

Report Distribution:

Connell Resources, Inc., Roland Tremble: rtremble@connellresources.com

Aggregate Industries

City of Fort Collins - Wayne Lenard: wlenard@fcgov.com



EARTH ENGINEERING CONSULTANTS, LLC

REPORT OF CAST-IN-PLACE CONCRETE TESTS

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Concrete Supplier: Aggregate Industries	Type of Placement:
Ticket Number: G033G287	Truck Number: 642
Mix Code 6406150	Water Added on Site: 4 gals
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4	D	10/13/15	54410	8	4	12.57	Shear	4330	4260
4	D1	10/13/15	52720	8	4	12.57	Shear	4200	
4	D2	10/13/15	53360	8	4	12.57	Shear	4250	

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