

Carlson Testing, Inc.

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REVISED 02/12/2019

REPORT OF 4 X 8 CONCRETE CYLINDRICAL TEST SPECIMENS

Test Methods: ASTM C39/C172/C1064/C31/C143/C231/C1231

Date Molded: 01/09/2019 Date Received: 01/10/2019 Job Number: T1905969.

Permit #: _____

Client: VOLUME CONCRETE

Project: VOLUME CONCRETE - LAB TESTING

Address: 16051 HWY 212 CARVER OR 97086 Jurisdiction: CLACKAMAS COUNTY

Contractor: _____

Subcontractor: _____ Cast By: J. BLACK

Concrete Supplier: VOLUME CONCRETE

Truck #: _____ Load #: _____ Ticket#: _____

Weather: RAIN Test Time: 15:05 Air Temp. at Sampling Time: _____

Cylinders were cast for the following locations:

TEST CYLINDERS

Total Concrete Placement Location:

TEST CYLINDERS

Strength Requirement: 4000 psi f'c @ 28 Days Slump: 3.00" % Air: 4.5%

Mix Number: #PC4000 Concrete Temp: 58 Max Agg: 3/4"

Admix/Amt: AIR Cubic Yards: 1 OF 1

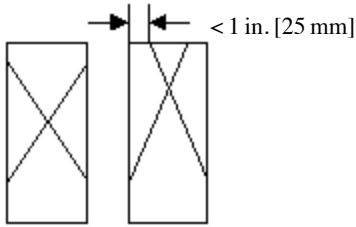
Register Number: 00148099 Lab Location: TIGARD Curing: High **
 Low **

Set No.	Test @ Days	Test Date	Total Load	Avg Diameter	Area	Unit PSI	Type Of Fracture	Cap Type	Tested By
II	7	01/16/2019	29965	4.00	12.56	2390	2	PAD 60	MBO
	28	02/06/2019	53560	4.00	12.56	4260	2	PAD 60	BM
	28	02/06/2019	49930	4.00	12.56	3980	2	PAD 60	BM
	28	02/06/2019	52805	4.00	12.56	4200	2	PAD 60	BM

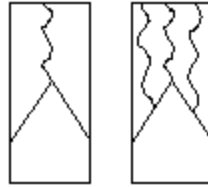
Distribute attachments. Average f'c @ 28 days 4150

Please see reverse side for additional information.

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Type 1
Reasonable well-formed
cones on both ends, less
than 1 in. [25 mm] of
cracking through caps



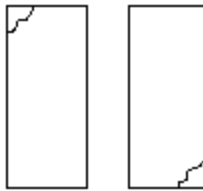
Type 2
Well-Formed cone on one
end, vertical cracks running
through caps, no well-defined
cone on other end



Type 3
Columnar vertical cracking
through both ends, no
well-formed cones



Type 4
Diagonal fracture with
no cracking through
ends; tap with hammer
to distinguish from Type 1



Type 5
Side fractures at top or
bottom (occur commonly
with unbonded caps)



Type 6
Similar to Type 5 but
end of cylinder is pointed

** Not measured - Departure from ASTM C31 standard

Remarks:

REVISED TO REFLECT CORRECT MIX NUMBER AND STRENGTH REQUIREMENT.

CC: VOLUME CONCRETE

BI LL I NG@CLUMECONCRETE. COM

x

Project Manager: Ty Toller

Reviewed By: Greg Leeper On 02/12/2019

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