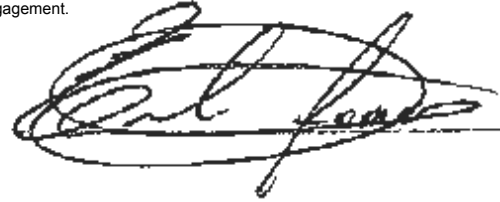


# Concrete Test Report

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Approved Signatory: Ernesto Gomez (Project Manager)  
Date of Issue: 1/23/2023

**Client:** ASHTON WOODS  
17319 SAN PEDRO, SUITE 140  
SAN ANTONIO, TX 78232  
**CC:** COLBY OGLETREE

**Project:** ECHTLE SUBDIVISION UNIT 1  
SAN ANTONIO, TX

## Mix Data

**Supplier:** Vulcan Materials  
**Plant:**  
**Mix Identification:** RMC 6200 - 3600 PSI (Class C Concrete)  
**Specified Design Strength (psi):** 3600 at age 28 days

## Sample Details

<b>Date Sampled:</b> 01/16/23	<b>Date Received:</b> 01/17/23	<b>Specification:</b> Mix Design	
<b>General Location:</b> Drain Culverts			
<b>Sample Location:</b> Drain A			
<b>Curing Method:</b> One day Field/Laboratory Cure			
<b>Field Sample No.:</b>	<b>Initial Cure Temp (°F) High:</b> 76 <b>Low:</b> 49		
<b>Contractor:</b> VK Knowlton			
<b>Ticket no.:</b> 20170731	<b>Truck No.:</b> 638		
<b>Sampled By:</b> Joshua Smith			
<b>Submitted By:</b> Joshua Smith			
<b>Weather:</b> Clear			
<b>Est. Wind (mph):</b> 5	<b>Est. Rh (%):</b> 87		

<b>Slump (in):</b>	ASTM C 143	<b>Measured</b>	<b>Specified</b>
<b>Slump w/ plasticizer (in):</b>		N/A	
<b>Air Temp (°F):</b>		63	
<b>Concrete Temp (°F):</b>	ASTM C 1064	71	
<b>Air Content (%):</b>	ASTM C 231	0.1	
<b>Unit Weight (pcf):</b>	ASTM C 138	N/A	
<b>Volume of Density Measure (ft³):</b>		N/A	
<b>Batch Size (yd³):</b> 10.0	<b>Time Batched:</b>		08:13
<b>Yd³ Placed:</b> 30.0	<b>Time Sampled:</b>		08:47
<b>Water Added (gal) Before:</b>	<b>Time Placed:</b>		08:40
<b>After:</b>	<b>Time in Truck (mins):</b>		27

## Compressive Strength of Concrete Cylinders

## ASTM C 39

Specimen ID	Date Tested	Age (Days)	Diameter (in)	Length (in)	Area (in²)	Type of Cap	Maximum Load (lbf)	Fracture Type / Remarks	Compressive Strength (psi)	Tested By
03113615-121-C1\1	01/23/23	7	4.01	8.00	12.63	U	52760	3 SC	4180	David Rosales
03113615-121-C1\2	01/23/23	7	3.99	7.99	12.50	U	42620	2 SC	3410	David Rosales
03113615-121-C1\3	02/13/23	28						SC		
03113615-121-C1\4	02/13/23	28						SC		
03113615-121-C1\5	02/13/23	28						SC		

**Average 28 Day Compressive Strength (psi)**

**Required Strength (psi)** 3600

## 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, C = Combined, G = Ground  
Sampled from Revolving Drum Truck Mixer (ASTM C 172, 5.2.3)

## Remarks

Fracture Type / Remarks: 2 = C39: Vert crack/ cone opposite end; C1314: Cone & Shear, 3 = C39: Vert cracking/no cones; C1314: Cone & Split, SC = Condition Satisfactory upon retrieval.