COMPRESSIVE STRENGTH TEST REPORT

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Sample Date:	06/05/2024	**Material:**	Concrete
Size:	Cylinder 4x8		
Lab No.:	TUC-4570		
Project Set No.:	7		

Client
Pima County
Attn: Rogelio Flores

Project
Rancho Vistoso Valley Vista Sewer Repair
601 E. Kalalau Dr.
Oro Valley AZ 85755
Project Number:608157001

Field Test Data

Truck No.:	4239	**Ticket No.:**	1447173
Batch Time:	7:47am		
Cast Time:	8:45am	**Age (min.):**	58
Load Vol.:	3 cy	**Cumulative Vol.:**	3 yd³ of 3 tot. yd³
Water Added (gal):	0.0	**Sampled From:**	Chute
Cast By:	Edwin Gonzalez		
No. of Specimens:	5		
Set No.:	1	**Spec. Type:**	Cylinder

Test	Result	Specified
Temp. (F):	88	
Air Temp. (F):	86	
Slump (in):	2	
Air Content (%)	N/A	
Unit Weight (pcf):	N/A	

Mix Information

Supplier:	Calportland
Mix No.:	130624C Tangerine
Product Desc.:	3000 CLASS S PAG
Admixtures:	
Max Agg. Size:	
Plant:	115R/TANGERINE

Environmental Conditions:
Sunny, Arid, Dry, Calm
High (F): 102
Low (F): 74

Mix Design Strength: 3000
Specified Strength: 3000 psi @ 28 days

Compressive Strength Test Method

Sample No.	Date Tested	Age, days	Maximum Load, lb	Average Diameter or Side, in.	Surface Area, in.²	Compressive Strength psi	Average	Fracture Type	Cure	Cap Type	Tested By
1	Jun 12	7	45580	4.00	12.57	3630		Type 3	Lab	U	Michael Gause
2	Jul 03	28	63220	4.00	12.57	5030		Type 3	Lab	U	Michael Gause
3	Jul 03	28	59120	4.00	12.57	4700		Type 3	Lab	U	Michael Gause
4	Jul 03	28	60720	4.00	12.57	4830	*4850*	Type 3	Lab	U	Michael Gause
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Average compressive strength @ 28 days meets specified strength: ☒Yes ☐No

Structure Location / Placement Area:
Concrete Cap/Rancho Vistoso Valley / Manhole #1 Cap

Comments:

Samples prepared and tested in accordance with:
ASTM C31, ASTM C39, ASTM C143, ASTM C172, ASTM C511, ASTM C1064, ASTM C1231

TYPES OF FRACTURE

1	2	3	4	5	6

Reviewed By: _____

Print Date: 07/25/2024

Nick Moore / Senior Project Manager