

COMPRESSIVE STRENGTH TEST REPORT

Sample Date: 07/24/2024 Material: Concrete
Size: Cylinder 4x8
Lab No.: TUC-5036
Project Set No.: 12

Ninyo & Moore

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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.: 8698 Ticket No.: 1458111
Batch Time: 9:28am
Cast Time: 10:55am Age (min.): 87
Load Vol.: 1 cy Cumulative Vol.: 1 yd³ of 1 tot. yd³
Water Added (gal): 0.0 Sampled From: Chute
Cast By: Edwin Gonzalez
No. of Specimens: 5
Set No.: 1 Spec. Type: Cylinder

Mix Information

Supplier: Calportland
Mix No.: 130624C-OG
Product Desc.: 3000 PSI 1" CL-S PAG/ADOT
Admixtures:
Max Agg. Size:
Plant: OG/771

Test	Result	Specified
Temp. (F):	85	
Air Temp. (F):	98	
Slump (in):	4	
Air Content (%)	N/A	
Unit Weight (pcf):	N/A	

Environmental Conditions:
Sunny, Moderate Humidity, Dry, Calm
High (F): 99
Low (F): 79

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	Jul 31	7	71860	3.99	12.50	5750		Type 3	Lab	U	Michael Gause
2	Aug 21	28									
3	Aug 21	28									
4	Aug 21	28									
5		H									

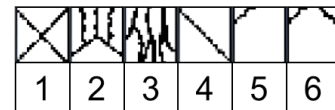
Average compressive strength @ 28 days meets specified strength: ☐ Yes ☐ No

Structure Location / Placement Area:
Manhole base / Manhole base #2

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



Reviewed By:

Print Date: 08/05/2024

Nick Moore / Senior Project Manager