



**DIAMOND  
E Testing**

# Concrete Test Report

2553 NW Division St  
Gresham, OR 97030  
Phone: 503-719-5848

Client: Volume Concrete		Date: 10/28/2024		Report #: 24597-1028	
Project:		Material and Specimen Type			
		X	Concrete Cylinder (ASTM C39)		
Contract: N/A		Concrete Beam (ASTM C78)			
		Grout Prism (ASTM C1019)		Mortar Cylinders (ASTM 780)	
Bid Item: N/A		Grout/Mortar Cubes (ASTM C109/C109M)			
		Grouted		Ungouted	CMU/Brick Prisms (ASTM C1314)
Field Data					
Placement Location: Cylinders cast by client and brought to lab for compression testing					
Tested By:		Supplier		Delivery Ticket #	Mix #
Date Placed 10/28/2024		Batched yd <sup>3</sup>	Quantity Represented yd <sup>3</sup>	Cement (lbs)	
Batch Time	Ambient °F	Time Cast	Sample Temperature °F	Coarse Aggregate (lbs.)	Moisture %
Slump (in)		Air Content (%)	Cement Content (lb/yd <sup>3</sup> )	Water Batched (lbs.)	
Unit Weight lb/ft <sup>3</sup>	Water Cement Ratio		Yield yd <sup>3</sup>	Admixtures (oz)	Aggregate 3 Moisture %
Net Weight	Pot Cal	Note: Applicable ASTM Standards unless otherwise indicated: Slump C143M; Air Content C231; Temperature C1064; Sampling C172			
Laboratory Data					
Set Number	Specimen ID	Test Age (Days)	Test Date	Total Load (lbs.)	Specimen Area (Sq. in.)
24597-1028	1	1	10/29/2024	71,820	12.53
24597-1028	2	2	10/30/2024	74,760	12.53
24597-1028	3	5	11/2/2024	75,900	12.50
24597-1028	4	7	11/4/2024	87,100	12.50
24597-1028	5	28	11/25/2024	97,300	12.53
24597-1028	6	28	11/25/2024	95040	12.57
24597-1028	7	28	11/25/2024	99,160	12.53
		H			
Average 28 Day (psi)				7,750	
Capping Method		X	Pad Caps (ASTM C1231M)		Sulfur Caps (ASTM C617)
Set # (x of y): 1 of 1	Mix Design Strength (psi) 3000		Specified Structural Strength (psi) 3000		
Cure Method Cure Box	Low Temp °F	High Temp °F	Check one:	<input checked="" type="checkbox"/> Test results comply with specifications <input type="checkbox"/> Test results do not comply with specifications	
Technician: Tyler Eveson #49702			Signature:		Date Received in Lab: 10/29/2024

Remarks: