

Client: Dave Gish
 Widefield School District 3
 1820 Main Street
 Colorado Springs, CO 80911

Webster Elementary School Addition & Alterations

Report Date: Apr 26, 2023
 Work Order Date: Mar 29, 2023

Work Order No.: 22-8500.Concrete.0049; ver: 2
 Reviewed by: Josiah Johnson

Concrete

Concrete Contractor: Gonzales Concrete	Performed by: Reid Blackburn
Placement Method: Tailgated	Finish Method: Vibrated- Internally Trowel Finished Hand Finished
Total Quantity Placed: 8 yd ³	Weather: Calm Clear
Placement Location: Basins for Drainage Area	

On-site Notifications, Specification, and Mix Information

On-Site Notification(s)	Item / Structure Type	Test	Specified	Mix Design
Steve Buellesbach with Nunn Construction	General Concrete	Air Content (%)	-	-
		Slump (in)	-	-
	<i>Mix Placed</i>	Unit Weight (pcf)	-	-
	Holcim T34592110	Comp. Strength (psi)	-	-

Sampling (ASTM C172 / AASHTO R60 / CDOT CP61)

Sample No.	Location	Sampled From	Quantity (yd ³)	Truck No.	Ticket No.	Batch Time	Test Time	Air Temp. (°F)	Water Added (gal)
48	See attached for test location 1	Point of Delivery	8	391	86602917	8:37 AM	9:40 AM	48	5

Field Tests (ASTM C138, C143, C231, and C1064 / AASHTO T119, T121, and T152)

Sample No.	Concrete Temp. (°F)	Slump (in)	Air Cont. (%)	Meas. Vol. (ft ³)	Empty Meas. (lb)	Full Meas. (lb)	Unit Wt. (pcf)	Lab Samples Cast
48	80	4	6.0	0.250	7.25	42.07	139.3	Yes

Compressive Strength (ASTM C31 and C39 / AASHTO T22 and T23)

Sample No.	Lab ID	Age (d)	Diameter (in)	Area (in ²)	Fracture Type	Max. Load (lb-f)	Corrected Strength (psi)	Strength at Acceptance (psi)
48	C4791	7	4.00	12.57	5 / Side	46,590	3,710	-
	C4792	28	4.00	12.57	5 / Side	62,420	4,970	4,970
	C4793	28	4.00	12.57	5 / Side	65,000	5,170	5,170
	C4794	28	4.00	12.57	5 / Side	61,620	4,900	4,900
Average Compressive Strength (psi):								5,010

Results apply only to the specific items and locations referenced and at the time of testing, observations or special inspections. Unless noted otherwise, specimens were received in adequate condition. Compressive strength specimens, if tested, were capped in accordance with ASTM C1231 or ASTM C617, as applicable. This report should not be reproduced, except in full, without the written permission of GROUND Engineering Consultants, Inc.

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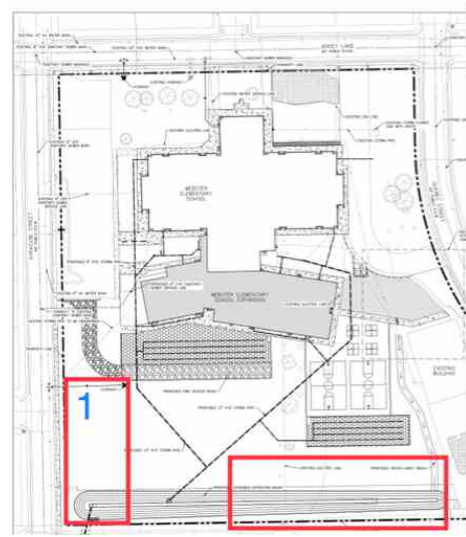
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Photos



Concrete poured into form



Red boxes indicate work area/s and blue numbers indicate test locations