

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

Webster Elementary School Addition & Alterations

Report Date: Mar 3, 2023

Work Order No.: 22-8500.Compaction.0045; ver: 1

Work Order Date: Mar 2, 2023

Reviewed by: Daniel Crea

Compaction

Earthwork Contractor: LatCon
 Equipment Used: Other, Compaction not observed
 Weather, High/Low Temp.: Mostly Sunny, 50/40 (°F)
 Item/Structure Type/Number: Subgrade
 Placement Location: Trickle channel

Performed by: Greg Davies
 Nuclear Gauge: 100, Instrotek 3500, 3549
 Standard Counts: 2700 / 773

On-Site Notifications

Name	Company
Michael Moore	Nunn Construction

Material Properties

Lab Max. Dry Density (pcf)	Lab Opt. MC (%)	Soil Type	Proctor Method
120.4	10.5	SC	B
125.0	6.7		A

Specifications

Spec. ID - Specification Title	Property	Specified
660 - Granular Materials	Moist. Dev. (%)	-2 to 2
660 - Granular Materials	Relative Comp. (%)	95 min.

Nuclear Soil Density and Moisture Content (ASTM D6938 and D4718 / AASHTO T310 and T224)

Results

Test No.	Spec. ID	Test Location	Elevation (ft)	Gauge Total Wet Density (pcf)	Corr. Field Dry Density (pcf)	Corr. Field MC (%)	Lab Max. Dry Density (pcf)	Lab Opt. MC (%)	Relative Comp. (%)	Moist. Dev. (%)	Pass or Fail
96	660	Location 1 attached	RSG	126.5	115.5	9.5	120.4	10.5	96.0	-1.0	Pass
97	660	Location 2 attached	RSG	132.4	123.4	7.3	125.0	6.7	98.7	0.6	Pass
98	660	Location 3 attached	RSG	126.4	117.9	7.2	125.0	6.7	94.3	0.5	Fail
98.1	660	Location 3 attached, retest	RSG	134.3	123.9	8.4	125.0	6.7	99.1	1.7	Pass
99	660	Location 4 attached	RSG	130.0	118.2	10.0	120.4	10.5	98.2	-0.5	Pass

Commonly Used Abbreviations:

RSG = Rough Surface Grade
 BG = Below Grade
 RFG = Rough Footing Grade

Results apply only to the specific items and locations referenced and at the time of testing, observations or special inspections. This report should not be reproduced, except in full, without the written permission of GROUND Engineering Consultants, Inc.

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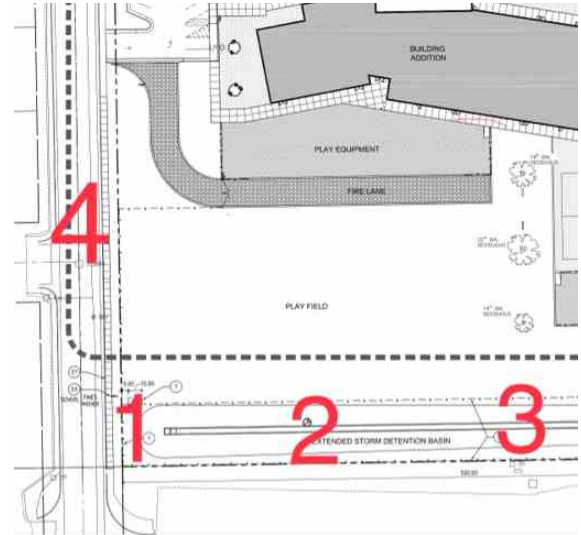
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Compaction

Photos



Compaction area



Test locations in red