

Client: Todd Nordstrom
 Nordstrom Commercial Builders
 1755 Liggett Road
 Castle Rock, CO 80109

South Chambers Road & Hess Road Project

Report Date: Nov 23, 2021

Work Order No.: 21-4164.Compaction.0068; ver: 1

Work Order Date: Nov 22, 2021

Reviewed by: Tyeson Weston

Compaction

Earthwork Contractor: Nordstrom Commercial Builders Performed by: Ben Roberts
 Equipment Used: Plate Compactor/Jumping Jack Nuclear Gauge: 57, Troxler 3440, 36188
 Weather, High/Low Temp.: Sunny, 70/45 (°F) Standard Counts: 1824 / 706
 Placement Location: Sidewalk subgrade in area shown on attachment

On-Site Notifications

Name	Company
Todd Nordstrom	Nordstrom Commercial Builders

Material Properties

Lab Max. Dry Density (pcf)	Lab Opt. MC (%)	Soil Type	Proctor Method
123.9	11.3	A-2-6 (0)	T180 A

Specifications

Spec. ID - Specification Title	Property	Specified
086 - Flatwork Subgrade - Non-Cohesive T180	Moist. Dev. (%)	-2 to 2
086 - Flatwork Subgrade - Non-Cohesive T180	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
39	86	Location 1	RSG	132.2	118.2	11.8	123.9	11.3	95.4	0.5	Pass
40	86	Location 2	RSG	130.7	118.6	10.2	123.9	11.3	95.7	-1.1	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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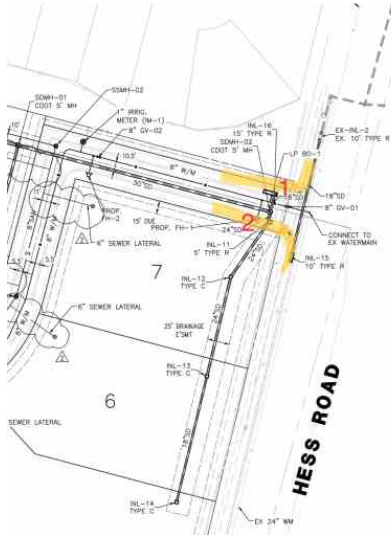
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Photos



Area in yellow represents work area, red numbers represent test locations



Sidewalk subgrade