



ENGINEERING & TESTING
CONSULTANTS INC.

Date of Issue: 11/8/2021

Proctor Designation: D-698

Required Compaction % 95

REPORT OF SOIL COMPACTION DATA

Client: Nancy Bewly

Project: Willow Creek Inn

Type of Work: Dance Floor ABC Compaction

Job: 11613

Technician: R. Brinkley

Date: 11/5/2021

Spl. No.	Wet Density (pcf)	Curve No.	Moisture Content			Dry Density (lb/cu ft)		% Rock	Relative Compaction (%)	Meets Spec. (Y/N)	Test Locations
			Opt. MC	Spec. Limits	Actual (%)	Maximum (pcf)	Actual (pcf)				
1	135.5	4393	8.2	(+-2%)	6.1	133.3	127.7	N/A	96	Y	10' N & 10' E of SW Corner of Dance Floor
2	134.8	4393	8.2	(+-2%)	6.3	133.3	126.8	N/A	95	Y	10' S & 10' W of NE Corner of Dance Floor
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

Results show density and moisture content at the location designated

$$CDM = (100 - R) \times D + (0.9 \times R \times G \times 62.3)$$

100

$$CMC = (100 - R) \times W + (R+A)$$

100

B/G - Below Grade
A/G - At Grade

Meets Specification Requirements

Does NOT meet Specification Requirements

Reported to:
Project Supervisor
Contractor
Yes No
Yes No

CMD = Rock Corrected Maximum Dry Density
D = Maximum Dry Density (from original proctor)
CMC = Rock Corrected Opt. Moisture Content
W = Opt. Moisture Content (from original proctor)
R = Percent of Rock
G = Specific Gravity
A = Absorption



FILE ONLY

DAILY FIELD REPORT

CITY OR COUNTY - Prescott		PERMIT #
PROJECT NAME	CLIENT	PROJECT ADDRESS/ LOT/ APN
Willow Creek Inn	Nancy Bewly	
GENERAL CONTRACTOR/ REPRESENTATIVE	SUB-CONTRACTOR/REPRESENTATIVE	INSPECTION MANAGER/ ENGINEER
		RB / RK
ORDERED DATE & TIME	PLACED BY / CALL BACK NUMBER:	DATE / DAY / TIME DUE AT SITE
Friday, November 5, 2021	Nancy Bewly	Friday, November 5, 2021
TYPE OF WORK	PRESENT AT SITE	INSPECTOR/ TECH
ABC Compaction / Dance Floor		JOB#
	RB	11613
OTHER INSTRUCTIONS		

JOB DETAILS:

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OBSERVATIONS:

Arrived onsite and took 2 densities on the ABC at the dance floor location. All tests met the required compaction and moisture. The ABC will be fine graded and the form work completed prior to pouring the concrete. Nancy will call if she would like the concrete tested for compression strengths.

REQUIRED CORRECTIONS:

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Signature/Date:

Ryan Brinkley

ENGINEERING & TESTING CONSULTANTS, INC 417 N. Arizona Ave. Prescott, AZ 86301 928-778-9001	
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FIELD TESTING WORK ORDER