



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

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

100

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

100

CDM = 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

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



☒ Meets Specification Requirements

☒ Does NOT meet Specification Requirements

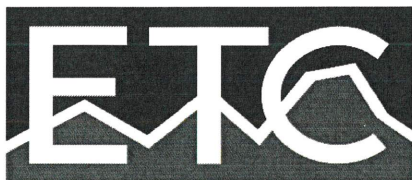
Reported to:

Project Supervisor

Contractor

Yes No

☒ ☐
☒ ☐

FILE ONLY ☐**DAILY FIELD REPORT**

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

JOB DETAILS:**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:

Signature/Date:

Ryan Brinkley

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

**FIELD TESTING WORK ORDER**