



**PJC & Associates, Inc.**  
Consulting Engineers & Geologists

May 25, 2021

Job No. 8675.01

Timber Cove Fire Protection District  
Attention: Erich Lynn  
[tcfpd4500c@gmail.com](mailto:tcfpd4500c@gmail.com)

Subject: Final Report  
Results of Special Inspections & Testing Services  
Timber Cove Fire Department  
Utility Shed  
30800 Sea View Way  
Cazadero, California  
Permit No. BLD17-5847

Reference: Structural engineering Plans, prepared by Matt Castro, dated October 25, 2014.

Dear Erich:

PJC & Associates, Inc. (PJC) is pleased to submit this final report which presents the results of our special inspections and testing services provided during construction of the utility shed located at 30800 Sea View Way in Cazadero, California. Our work was completed in accordance with our agreement for special inspection and testing services and your authorization to proceed with the work. The geotechnical observations and testing were provided by the geotechnical engineer of record.

#### 1. SCOPE OF SERVICES

The work described in this report was performed between September 4, 2018 and October 5, 2018. The following scope of services was provided for the project during construction:

- a. Observation of the placement of concrete to the footings of the utility shed. Samples were cast for compression strength testing. Results are attached.
- b. Special inspection of high strength bolting, in accordance with Sheet C1.
- c. Preparation of this report.

2. DISCUSSION

Based on the results of our special inspection and testing services, we judge that the work described above was constructed in general conformance with the approved project plans and specifications and the minimal workmanship provisions of the 2016 edition of the California Building Code (CBC).

We trust that this is the information that you require at this time. If you have any questions concerning the content of this letter, please call.

Sincerely,

PJC & ASSOCIATES, INC.

Patrick J. Conway  
Civil Engineer  
C 44507, California

PJC:ab





COMPRESSION TEST REPORT

**Report To:**  
 Timber Cove Fire Protection District  
 Attention: Erich Lynn  
 tcfpd4500c@gmail.com

**Project:**  
 Timber Cove Fire Department  
 30800 Sea View Road  
 Cazadero, CA

**Job No. 8675.01**

Specimen Type	Concrete
Location in Structure	Utility Shed Footings
Cast by PJC Inspector	SS
Mix Design #	-
Supplier	Bed Rock
Design Strength, PSI	3,000
Date Cast	9/4/2018
Date Received	9/5/2018
Slump, Inches (ASTM C143)	4.00
Air Content % (ASTM C231)	-
Wet Unit Weight PCF (ASTM C138)	-

Lab Specimen No.	1A	1B	1C	1D
Test Date	9/11/2018	10/2/2018	10/2/2018	10/2/2018
Age, Days	7	28	28	28
Average Measured Diameter Inches	4.00	4.00	4.00	4.00
Cross Sectional Area, Square Inches	12.56	12.56	12.56	12.56
Capping Method ASTM C617 or C1231	C1231	C1231	C1231	C1231
Type of Failure (C39, Figure 2)	3	5	5	3
Ultimate Max Load, Pounds	56,710	66,930	67,010	67,100
Compressive Strength PSI	4,515	5,329	5,335	5,342
Design Strength, Benchmark PSI	2,010	3,000	3,000	3,000
Pass/Fail Specifications	Pass	Pass	Pass	Pass

The above specimens were tested in accordance with ASTM C39, C94, C172, C143, C31, C617, C1231

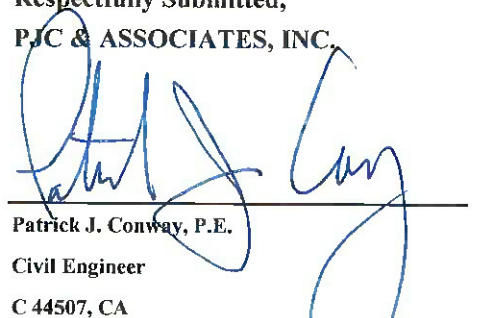
**Remarks:**  
 Specimens not scheduled for testing within 42 days of cast date will be discarded. This report shall not be reproduced except in full & with PJC & Associates, Inc. approval.

PJC & Associates, Inc. warrants only the handling & test results produced after the material was taken into PJC's custody.

**Date of report: 5/25/2021**

**Respectfully Submitted,  
 PJC & ASSOCIATES, INC.**

**By:**

  
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 Patrick J. Conway, P.E.  
 Civil Engineer  
 C 44507, CA