



SMITH-EMERY SAN FRANCISCO
An Independent Commercial Testing Laboratory

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Project-Job: 72639-1
240 HIGHLAND AVENUE
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240 HIGHLAND AVE.
SAN RAFAEL, CA 94901

Mailing Address:
COUNTY OF MARIN
ATTN: BUILDING DEPARTMENT
3501 CIVIC CENTER DRIVE, STE. 308
SAN RAFAEL, CA 94903

Core Compression Test

Report #: CTCR-1 January 22, 2021
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Distributed to:
EMAIL: SUNSHINE CONST.
EMAIL: SUNSHINE CONSTRUCTION
COUNTY OF MARIN
E-MAIL - WYLIE STEVENSON

All tests performed by Smith Emery Engineer: James E. Partridge Job Manager: 04BOOK

Set # 1		Date made: Friday, January 15, 2021		28 Days Design Strength (PSI): 2,500				Mix Design: 3876				
Standard: ASTM C 42 "Strength Method of Obtaining and Testing Drilled Cores and Sawed												
Location in Structure: Retaining Walls @ A-B/3, 1st Lift												
Sampled By: 9045												
No.	Date of Test	Age (Days)	Moisture(1)	Len Rcv	Length Before Cap	Length After Cap	Diam	Cross Sect Area	Test Load (Lbs.)	Length to Diameter	Strength Correction Factor	Corrected Compressive Strength(3)
1	01/22/2021	7	BAGGED	5.40	5.40	5.60	3.70	10.75	70,170	1.51	0.962	6280
2	01/22/2021	7	BAGGED	5.30	5.30	5.50	3.70	10.75	62,670	1.49	0.960	5600
3	01/22/2021	7	BAGGED	5.30	5.30	5.50	3.70	10.75	64,990	1.49	0.960	5800
4	02/12/2021	28	BAGGED	5.00	5.00	5.20	3.70	10.75		1.41	0.949	
5	02/12/2021	28	BAGGED	5.00	5.00	5.20	3.70	10.75		1.41	0.949	
6	02/12/2021	28	BAGGED	5.00	5.00	5.20	3.70	10.75		1.41	0.949	
7	HOLD		BAGGED	5.00	5.00	5.20	3.70	10.75		1.41	0.949	
Compliance: N/A												

(1) The moisture condition at the time of testing.

(2) Nominal maximum size of concrete aggregate.

(3) Corrected for length to diameter ratio less than 1.75.