

Concrete Masonry Unit Testing (Coupons)



Client: Flexground
 Project No.: 65111906
 Project: Miscellaneous Lab Testing
 Unit Designation/Description: Adhesive Bound Pavers

Sample Date: January 19, 2011
 Sampled By: Client
 Report Date: January 31, 2011
 Report Number: 65111906.0001

Summary of Test Results

Physical Property	Specified Values	Average Test Results
Density		133.2 pcf
Absorption		4.8 pcf

Individual Test Results

Dimensions	Avg. Width	Avg. Height	Avg. Length
	in.	in.	in.
Specimen No. 2	6.019	2.084	6.048
2.5	6.009	2.120	6.038
3	6.013	2.146	5.984
Average	6.0	2.1	6.0

Absorption

Specimen No.	Received Weight	Immersed Wt.	Saturated Wt.	Oven-Dry Wt.	Absorption pcf	Density pcf	Net Volume ft ³
	W _R lb	W _I lb	W _S lb	W _O lb			
2	4.415	2.575	4.535	4.390	4.6	139.8	0.031
2.5	4.600	2.595	4.740	4.575	4.8	133.1	0.034
3	4.660	2.535	4.815	4.630	5.1	126.7	0.037
Average	4.56	2.57	4.70	4.53	4.8	133.2	0.034

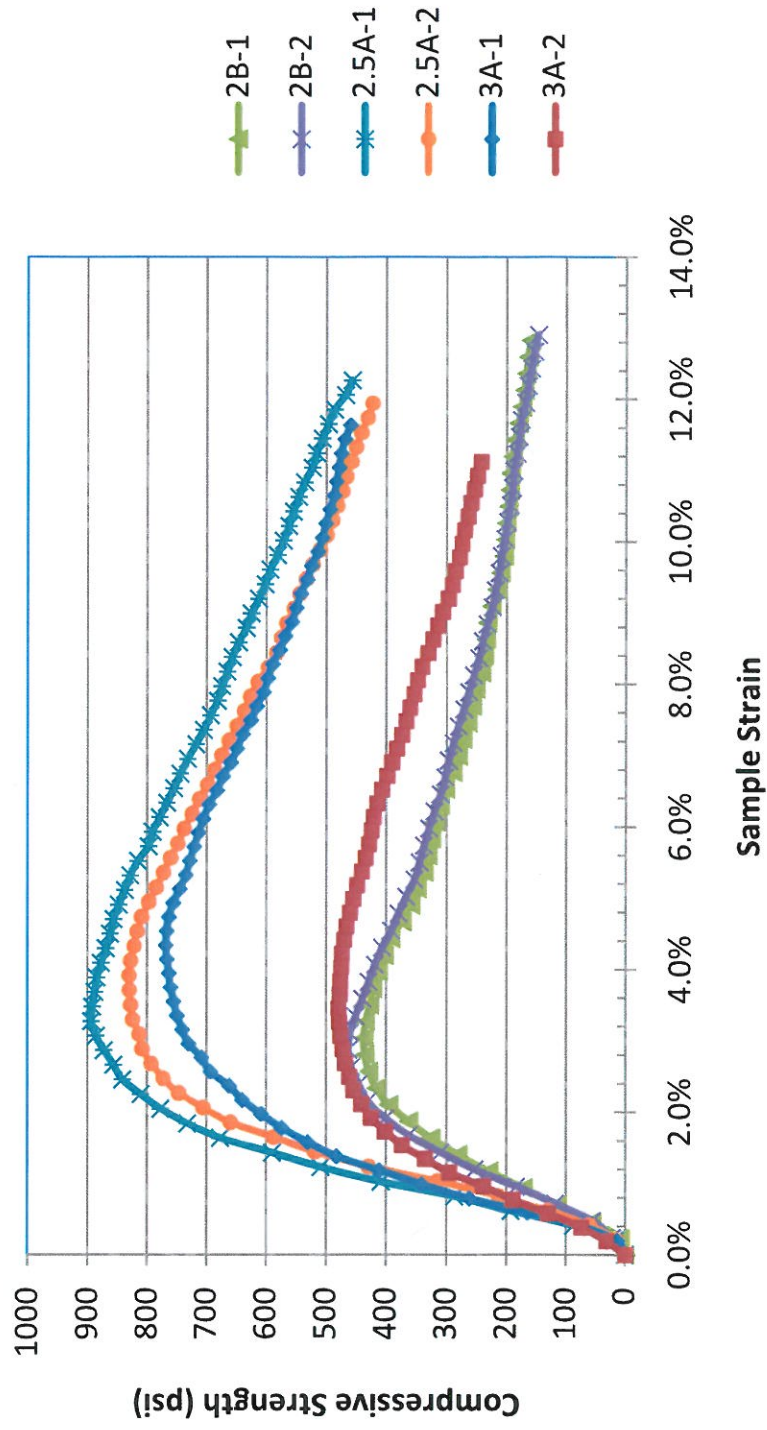
William H. Smith, E.I.T.
 Project Manager

Summary of Laboratory Test Results

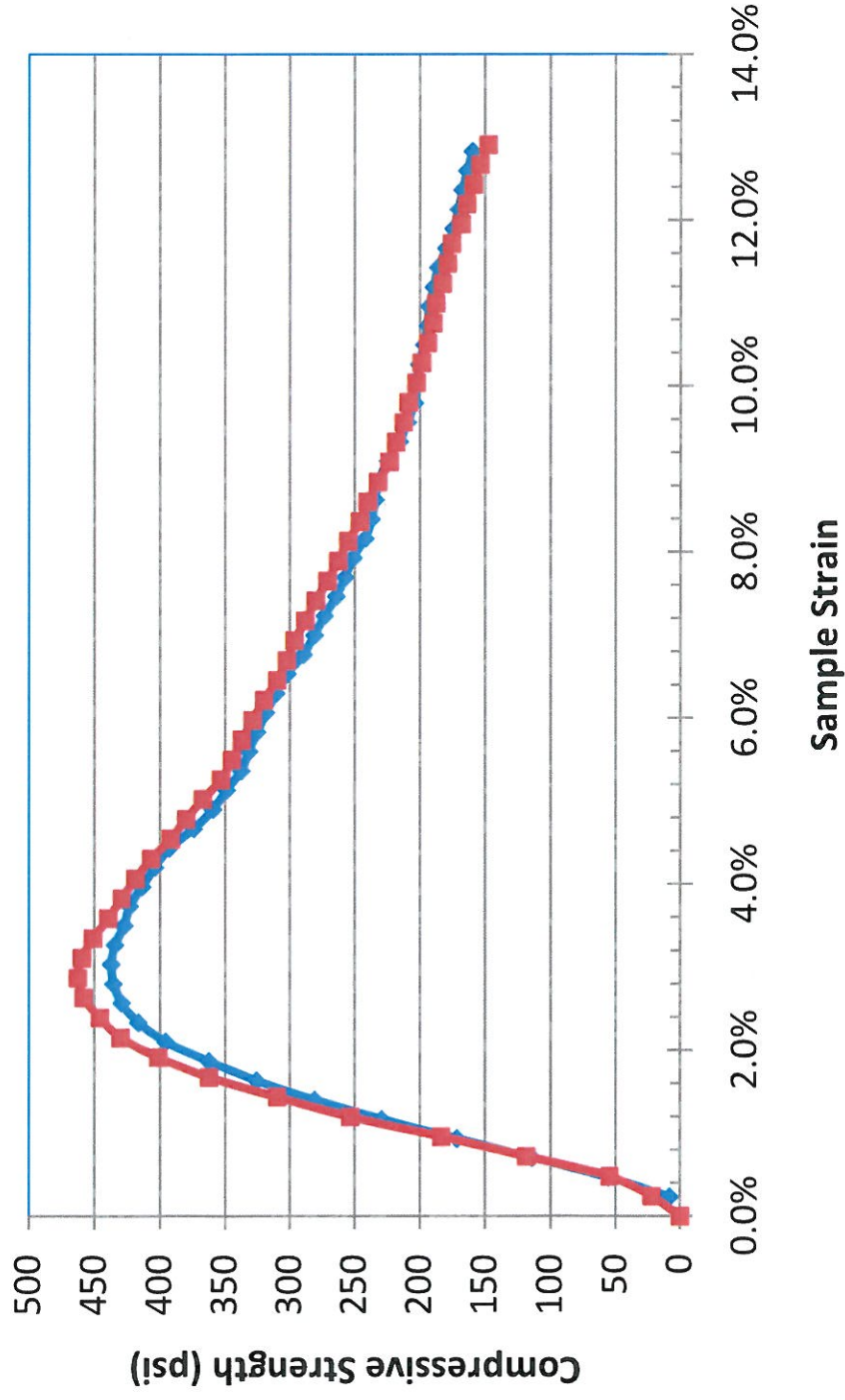
Sample No.	Peak Strength (psi)	Strain at Peak Strength (%)	Sample Height / Thickness (inches)	Tested Sample Size (inches)
2B-1	437	3.03	2.144	2.990 x 2.915
2B-2	463	2.87	2.092	2.974 x 2.953
2.5A-1	894	3.27	2.446	2.916 x 2.929
2.5A-2	830	3.91	2.428	2.909 x 2.825
3A-1	769	4.34	2.535	2.828 x 2.766
3A-2	480	3.45	2.608	2.892 x 2.884

Stress vs. Strain

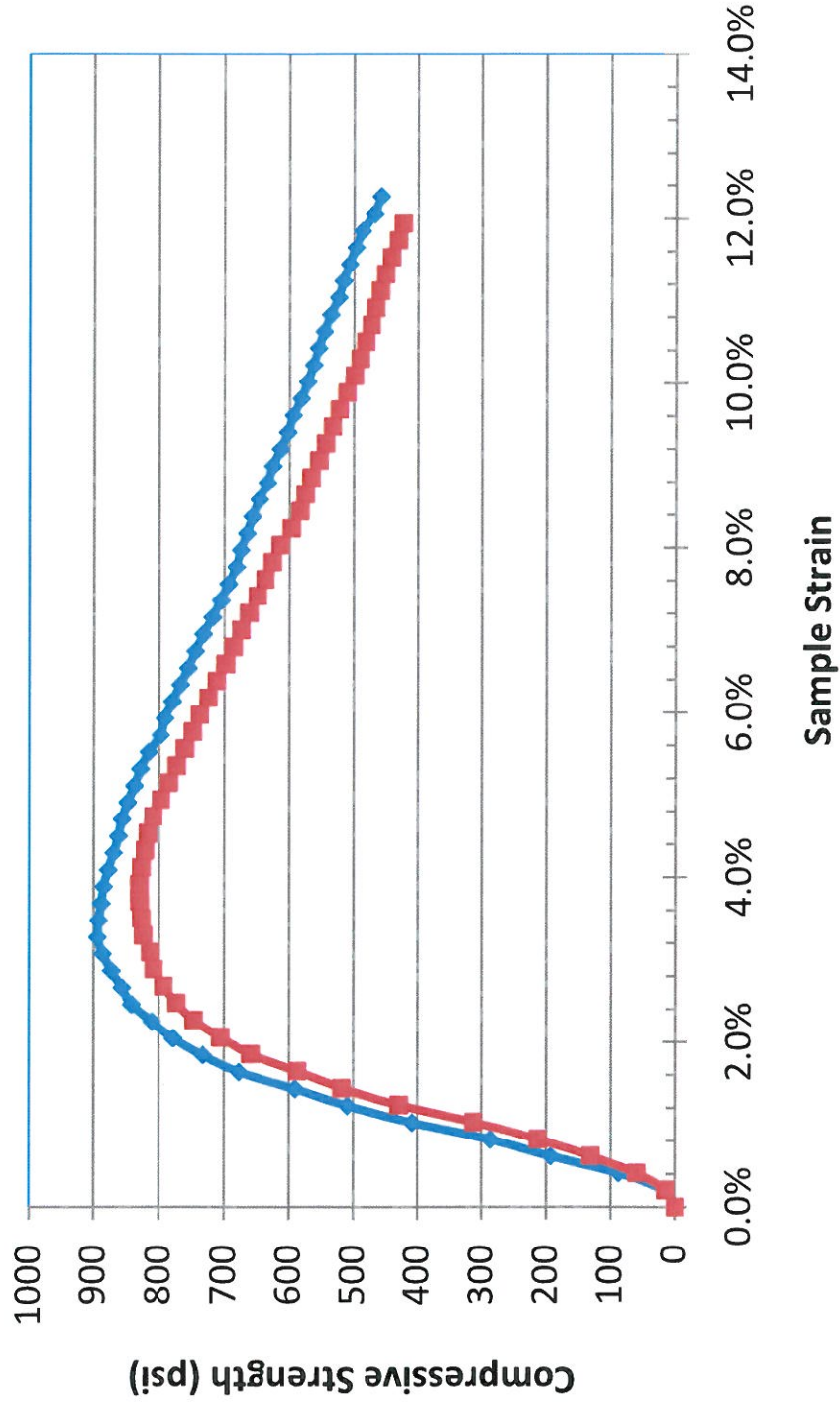
Summary of Results (2.0 to 3.0 ounces)



Stress vs. Strain 2.0 Ounce Samples



Stress vs. Strain 2.5 Ounce Samples



Stress vs. Strain

3.0 Ounce Samples

