Pennoni
PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

Project No.: **YORKX22001**

Report Date: **February 12, 2026**

Client: **York Building Products**
Address: **Ms. Sandrann Cooke**
950 Smile Way
York, PA 17404

Project Name: **York Building Products**

Date Received: **January 20, 2026**

Date of Compression Testing: **February 3, 2026**

Date of Absorption Testing: **February 3, 2026**

Unit Specification: **ASTM C1372**

Unit Designation and Description: **Segmental Retaining Wall Unit**
Cornerstone SRW
Thomasville Plant

Testing Technician: **Bcooke**

Laboratory Number: **215486**

Summary of Test Results

Physical Property	Specification Values	Average Test Results	
Net Compressive Strength (min.)	3000	**5300**	*psi*
Density		**140.2**	*pcf*
Absorption (max.)	13	**6.9**	*pcf*

DIMENSIONAL MEASUREMENTS

Specimen No.	Received Weight	Front Length	Back Length	Width	Height
	lb.	*in.*	*in.*	*in.*	*in.*
1	86.2	16.1	18.0	12.1	8.1
2	82.3	16.0	18.0	12.0	8.0
3	83.0	16.0	18.0	12.0	8.0
4	85.4	16.1	18.0	12.0	8.1
5	83.6	16.0	18.0	12.0	8.0
6	84.6	16.1	18.0	12.1	8.1
Average	**84.2**	**16.0**	**18.0**	**12.1**	**8.0**

COMPRESSIVE STRENGTH

Specimen No.	Dimensions			Cross-Sectional	Max. Load	Compressive Strength
	Length	Width	Height			
	in.	*in.*	*in.*	*in.* ^{2}	*lb*	*psi*
4	8.03	2.10	3.97	16.90	87640	5190
5	7.97	2.04	4.09	16.25	83660	5150
6	7.91	2.04	4.09	16.13	89860	5570
Average	**7.97**	**2.06**	**4.05**	**16.43**	**87050**	**5300**

ABSORPTION

Specimen No.	Received Wt, W_R**	Immersed Wt, W_I	Saturated Wt, W_S	Oven-Dry Wt, W_D	Absorption		Density
	lb	*lb*	*lb*	*lb*	*pcf*	*%*	*pcf*
1	86.15	21.75	37.88	36.07	7.0	5.0	139.5
2	82.30	23.36	40.64	38.69	7.0	5.0	139.7
3	83.00	22.60	39.10	37.34	6.6	4.7	141.3
Average	**83.82**	**22.57**	**39.21**	**37.37**	**6.9**	**4.9**	**140.2**

**Received weight determined at the time of unit delivery to the job site or from units sampled at that time and delivered to the laboratory in sealed containers for moisture content determination.

Remarks: The units were tested according to ASTM C140. This set meets the absorption and compressive strength requirements of ASMT C1372.

Samples were obtained and delivered to the lab by the client.

Joseph Ridgway, PE
Laboratory Manager