



11420 Johns Creek Parkway Duluth, Georgia 30097 phone (770) 476-3555 fax (770) 476-0213

Plant:	<u>Georgia Masonry Supply – Tyrone, Georgia</u>	Job No:	<u>1803-10-110</u>
Client:	<u>Georgia Masonry Supply – Al Kramer</u>	Report No:	<u>416195</u>
Unit ID:	<u>Diamond Pro SRW units</u>	Report Date:	<u>12/15/11</u>
	<u>Manufactured 9/15/11</u>	Received Date:	<u>12/8/11</u>

TESTING OF SEGMENTAL RETAINING WALL UNITS

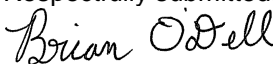
Compressive Strength – test date 12/13/11

Unit No.	1A	1B	1C	Average
Received Weight, lbs	75.90	75.28	75.30	75.49
Width, inches	12.05	12.07	12.12	12.08
Height, inches	8.02	8.04	8.02	8.03
Length, inches	17.97	17.95	17.96	17.96
Coupon width, inches	2.02	2.01	2.02	2.02
Coupon height, inches	4.02	4.02	4.03	4.02
Coupon length, inches	8.02	8.01	7.98	8.00
Net Area, in ²	16.20	16.10	16.12	16.14
Load, lbs	66,510	67,600	60,790	64,970
Compressive Strength, psi	4,110	4,200	3,770	4,030

Absorption and Density

Unit No.	1A	1B	1C	Average
Suspended weight, lbs	15.97	16.00	15.91	15.96
Saturated weight (SSD), lbs	28.82	28.96	28.73	28.84
Oven dry weight, lbs	27.48	27.50	27.37	27.45
Absorption, %	4.9	5.3	5.0	5.1
Absorption, pcf	6.5	7.0	6.6	6.7
Density, pcf	133.4	132.4	133.2	133.0

These results comply with the compressive strength and absorption requirements of ASTM C1372-09. No significant chipping, cracking, or concrete build-up was noticed on the received units. These tests were performed in accordance with ASTM C140-11a.

Respectfully submitted,

 Brian O'Dell
 Materials Laboratory Supervisor

Report Distribution:
 GMS / Mr. Al Kramer