

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D.& T.S., INC.

4 William Street, Ballston Lake, New York 12019

Phone: (518) 399-1848 Fax: (518) 399-1913

CLIENT: **DELGADO STONE**

203 GRAY'S BRIDGE ROAD
BROOKFIELD, CONNECTICUT 06804

REPORT DATE: 08/14/12

OUR FILE NUMBER: 1493.001

LAB CONTROL NUMBER: 13394

ATTN: MR. JAMES GIESS

PROJECT: **DUSTY ROSE: DIMENSION STONE EVALUATION**

TEST PARAMETER:	ASTM C-97: ABSORPTION & BULK SPECIFIC GRAVITY OF DIMENSION STONE				
SPECIMEN NUMBER	DRY WEIGHT	SUBMERGED	SURFACE DRY	SPECIFIC GRAVITY	ABSORPTION
1	1216.51	757.22	1221.21	2.62	0.39%
2	1206.46	751.63	1209.25	2.64	0.23%
3	1255.37	782.41	1257.98	2.64	0.21%
AVERAGE SPECIFIC GRAVITY & ABSORPTION:				2.63	0.28%

TEST PARAMETER:	ASTM C-99: MODULUS OF RUPTURE OF DIMENSION STONE: PERPENDICULAR TO RIFT				
SPECIMEN NUMBER	SPAN	WIDTH	THICKNESS	APPLIED LOAD	RUPTURE (psi)
1	7.00	4.08	2.19	3350	1798
2	7.00	3.97	2.30	2800	1400
3	7.00	4.11	2.03	4250	2635
4	7.00	4.23	2.17	4450	2346
5	7.00	4.18	2.31	3850	1812
AVERAGE MODULUS OF RUPTURE (psi):					1998

TEST PARAMETER:	ASTM C-99: MODULUS OF RUPTURE OF DIMENSION STONE: PARALLEL TO RIFT				
SPECIMEN NUMBER	SPAN	WIDTH	THICKNESS	APPLIED LOAD	RUPTURE (psi)
1	7.00	4.12	2.27	2900	1434
2	7.00	4.23	2.31	3500	1628
3	7.00	4.31	2.14	2800	1490
4	7.00	4.09	2.20	3250	1724
5	7.00	4.28	2.11	3650	2011
AVERAGE MODULUS OF RUPTURE (psi):					1657

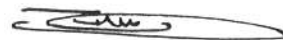
TEST PARAMETER:	ASTM C-170: COMPRESSIVE STRENGTH OF DIMENSION STONE: PERPENDICULAR TO RIFT				
SPECIMEN NUMBER	HEIGHT	LENGTH	WIDTH	APPLIED LOAD	UNIT PSI
1	3.21	3.27	3.16	105550	10215
2	3.37	3.03	3.44	102350	9819
3	3.08	3.39	3.28	113150	10176
4	3.46	3.18	3.06	109450	11248
5	3.11	3.24	3.35	117350	10812
AVERAGE COMPRESSIVE STRENGTH (psi):					10454

TEST PARAMETER:	ASTM C-170: COMPRESSIVE STRENGTH OF DIMENSION STONE: PARALLEL TO RIFT				
SPECIMEN NUMBER	HEIGHT	LENGTH	WIDTH	APPLIED LOAD	UNIT PSI
1	3.16	3.30	2.98	158800	16148
2	3.24	3.12	3.19	124350	12494
3	3.40	3.21	3.02	137550	14189
4	3.36	3.19	3.27	128900	12357
5	3.17	3.36	3.10	140400	13479
AVERAGE COMPRESSIVE STRENGTH (psi):					13733

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BROOKFIELD, CONNECTICUT 06804

REPORT DATE: 08/14/12

OUR FILE NUMBER: 1493.001

LAB CONTROL NUMBER: 13395

ATTN: MR. JAMES GIESS

PROJECT: **CHESTNUT RIDGE: DIMENSION STONE EVALUATION**

TEST PARAMETER:	ASTM C-97: ABSORPTION & BULK SPECIFIC GRAVITY OF DIMENSION STONE				
SPECIMEN NUMBER	DRY WEIGHT	SUBMERGED	SURFACE DRY	SPECIFIC GRAVITY	ABSORPTION
1	1259.77	782.58	1264.65	2.61	0.39%
2	1184.84	736.11	1189.18	2.62	0.37%
3	1205.62	749.03	1210.34	2.61	0.39%
AVERAGE SPECIFIC GRAVITY & ABSORPTION:				2.61	0.38%

TEST PARAMETER:	ASTM C-99: MODULUS OF RUPTURE OF DIMENSION STONE: PERPENDICULAR TO RIFT				
SPECIMEN NUMBER	SPAN	WIDTH	THICKNESS	APPLIED LOAD	RUPTURE (psi)
1	7.00	4.19	2.28	6750	3254
2	7.00	4.06	2.14	6550	3699
3	7.00	4.21	2.16	5950	3181
4	7.00	4.11	2.33	5700	2682
5	7.00	4.17	2.37	6300	2824
AVERAGE MODULUS OF RUPTURE (psi):					3128

TEST PARAMETER:	ASTM C-99: MODULUS OF RUPTURE OF DIMENSION STONE: PARALLEL TO RIFT				
SPECIMEN NUMBER	SPAN	WIDTH	THICKNESS	APPLIED LOAD	RUPTURE (psi)
1	7.00	4.20	2.19	6500	3388
2	7.00	4.29	2.35	6150	2726
3	7.00	4.08	2.25	5700	2898
4	7.00	4.17	2.31	6250	2949
5	7.00	4.11	2.16	5900	3231
AVERAGE MODULUS OF RUPTURE (psi):					3038

TEST PARAMETER:	ASTM C-170: COMPRESSIVE STRENGTH OF DIMENSION STONE: PERPENDICULAR TO RIFT				
SPECIMEN NUMBER	HEIGHT	LENGTH	WIDTH	APPLIED LOAD	UNIT PSI
1	3.16	3.17	3.24	131350	12789
2	3.21	3.31	3.19	138150	13084
3	3.15	3.20	3.22	101000	9802
4	3.08	3.08	3.18	126450	12910
5	3.19	3.16	3.29	137500	13226
AVERAGE COMPRESSIVE STRENGTH (psi):					12362

TEST PARAMETER:	ASTM C-170: COMPRESSIVE STRENGTH OF DIMENSION STONE: PARALLEL TO RIFT				
SPECIMEN NUMBER	HEIGHT	LENGTH	WIDTH	APPLIED LOAD	UNIT PSI
1	3.20	3.05	3.22	132700	13512
2	3.26	3.02	3.04	110900	12080
3	3.34	3.29	3.15	151800	14648
4	3.23	3.28	3.22	144650	13696
5	3.07	3.06	3.23	138600	14023
AVERAGE COMPRESSIVE STRENGTH (psi):					13592

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BROOKFIELD, CONNECTICUT 06804

REPORT DATE: 08/14/12

OUR FILE NUMBER: 1493.001

LAB CONTROL NUMBER: 13396

ATTN: MR. JAMES GIESS

PROJECT: **COLONIAL GREY: DIMENSION STONE EVALUATION**

TEST PARAMETER:		ASTM C-97: ABSORPTION & BULK SPECIFIC GRAVITY OF DIMENSION STONE				
SPECIMEN NUMBER	DRY WEIGHT	SUBMERGED	SURFACE DRY	SPECIFIC GRAVITY	ABSORPTION	
1	1190.94	741.77	1194.24	2.63	0.28%	
2	1150.61	715.98	1152.79	2.63	0.19%	
3	1152.73	716.32	1155.71	2.62	0.26%	
AVERAGE SPECIFIC GRAVITY & ABSORPTION:				2.63	0.24%	

TEST PARAMETER:		ASTM C-99: MODULUS OF RUPTURE OF DIMENSION STONE: PERPENDICULAR TO RIFT				
SPECIMEN NUMBER	SPAN	WIDTH	THICKNESS	APPLIED LOAD	RUPTURE (psi)	
1	7.00	4.40	2.53	5500	2050	
2	7.00	4.39	2.46	5250	2075	
3	7.00	4.35	2.44	6250	2534	
4	7.00	4.29	2.50	5900	2310	
5	7.00	4.45	2.34	6550	2823	
AVERAGE MODULUS OF RUPTURE (psi):					2358	

TEST PARAMETER:		ASTM C-99: MODULUS OF RUPTURE OF DIMENSION STONE: PARALLEL TO RIFT				
SPECIMEN NUMBER	SPAN	WIDTH	THICKNESS	APPLIED LOAD	RUPTURE (psi)	
1	7.00	4.13	2.20	4750	2495	
2	7.00	4.23	2.40	5150	2219	
3	7.00	4.12	2.29	5300	2576	
4	7.00	4.25	2.30	4600	2148	
5	7.00	4.27	2.48	5550	2219	
AVERAGE MODULUS OF RUPTURE (psi):					2332	

TEST PARAMETER:		ASTM C-170: COMPRESSIVE STRENGTH OF DIMENSION STONE: PERPENDICULAR TO RIFT				
SPECIMEN NUMBER	HEIGHT	LENGTH	WIDTH	APPLIED LOAD	UNIT PSI	
1	3.30	3.16	3.32	109050	10394	
2	3.07	3.05	3.17	99150	10255	
3	3.20	3.25	3.11	82000	8113	
4	3.15	3.17	3.33	104650	9914	
5	3.29	3.03	3.00	93900	10330	
AVERAGE COMPRESSIVE STRENGTH (psi):					9801	

TEST PARAMETER:		ASTM C-170: COMPRESSIVE STRENGTH OF DIMENSION STONE: PARALLEL TO RIFT				
SPECIMEN NUMBER	HEIGHT	LENGTH	WIDTH	APPLIED LOAD	UNIT PSI	
1	3.12	3.04	3.30	153300	15281	
2	3.33	3.16	3.00	139100	14673	
3	3.31	3.17	3.19	134650	13315	
4	3.30	3.29	3.10	147800	14492	
5	3.20	3.15	3.30	144450	13896	
AVERAGE COMPRESSIVE STRENGTH (psi):					14331	

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BROOKFIELD, CONNECTICUT 06804

REPORT DATE: 08/14/12
OUR FILE NUMBER: 1493.001
LAB CONTROL NUMBER: 13397

ATTN: MR. JAMES GIESS

PROJECT: **GREENWICH BLUE: DIMENSION STONE EVALUATION**

TEST PARAMETER: ASTM C-97: ABSORPTION & BULK SPECIFIC GRAVITY OF DIMENSION STONE					
SPECIMEN NUMBER	DRY WEIGHT	SUBMERGED	SURFACE DRY	SPECIFIC GRAVITY	ABSORPTION
1	1158.64	733.97	1161.83	2.71	0.28%
2	1239.21	785.24	1242.55	2.71	0.27%
3	1254.30	794.38	1257.31	2.71	0.24%
AVERAGE SPECIFIC GRAVITY & ABSORPTION:				2.71	0.26%

TEST PARAMETER: ASTM C-99: MODULUS OF RUPTURE OF DIMENSION STONE: PERPENDICULAR TO RIFT					
SPECIMEN NUMBER	SPAN	WIDTH	THICKNESS	APPLIED LOAD	RUPTURE (psi)
1	7.00	4.24	2.46	5550	2271
2	7.00	4.18	2.24	5250	2628
3	7.00	4.16	2.25	5200	2593
4	7.00	4.07	2.46	5700	2430
5	7.00	4.15	2.25	6100	3049
AVERAGE MODULUS OF RUPTURE (psi):					2594


TEST PARAMETER: ASTM C-99: MODULUS OF RUPTURE OF DIMENSION STONE: PARALLEL TO RIFT					
SPECIMEN NUMBER	SPAN	WIDTH	THICKNESS	APPLIED LOAD	RUPTURE (psi)
1	7.00	4.31	2.15	5500	2899
2	7.00	4.08	2.49	4300	1785
3	7.00	4.25	2.37	3450	1517
4	7.00	4.35	2.31	5050	2284
5	7.00	4.08	2.22	4650	2428
AVERAGE MODULUS OF RUPTURE (psi):					2183

TEST PARAMETER: ASTM C-170: COMPRESSIVE STRENGTH OF DIMENSION STONE: PERPENDICULAR TO RIFT					
SPECIMEN NUMBER	HEIGHT	LENGTH	WIDTH	APPLIED LOAD	UNIT PSI
1	2.92	3.13	3.18	119150	11971
2	2.99	3.11	3.11	135450	14004
3	3.01	2.99	2.95	129600	14693
4	3.20	2.98	3.07	122050	13341
5	3.17	2.99	3.03	130350	14388
AVERAGE COMPRESSIVE STRENGTH (psi):					13679

TEST PARAMETER: ASTM C-170: COMPRESSIVE STRENGTH OF DIMENSION STONE: PARALLEL TO RIFT					
SPECIMEN NUMBER	HEIGHT	LENGTH	WIDTH	APPLIED LOAD	UNIT PSI
1	2.96	3.25	2.92	126250	13303
2	2.99	3.11	3.24	134900	13388
3	3.25	3.01	3.15	150350	15857
4	3.11	3.25	3.17	142700	13851
5	2.91	3.15	3.22	148650	14655
AVERAGE COMPRESSIVE STRENGTH (psi):					14211

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BROOKFIELD, CONNECTICUT 06804

REPORT DATE: 08/14/12

OUR FILE NUMBER: 1493.001

LAB CONTROL NUMBER: 13398

ATTN: MR. JAMES GIESS

PROJECT: **SPRUCE MOUNTAIN / COLONIAL TAN: DIMENSION STONE EVALUATION**

TEST PARAMETER:		ASTM C-97: ABSORPTION & BULK SPECIFIC GRAVITY OF DIMENSION STONE				
SPECIMEN NUMBER	DRY WEIGHT	SUBMERGED	SURFACE DRY	SPECIFIC GRAVITY	ABSORPTION	
1	1220.12	761.52	1225.03	2.63	0.40%	
2	1230.96	767.59	1233.94	2.64	0.24%	
3	1216.84	759.66	1221.35	2.64	0.37%	
AVERAGE SPECIFIC GRAVITY & ABSORPTION:				2.64	0.34%	

TEST PARAMETER:		ASTM C-99: MODULUS OF RUPTURE OF DIMENSION STONE: PERPENDICULAR TO RIFT				
SPECIMEN NUMBER	SPAN	WIDTH	THICKNESS	APPLIED LOAD	RUPTURE (psi)	
1	7.00	4.13	2.49	4500	1845	
2	7.00	4.25	2.33	4650	2116	
3	7.00	4.14	2.32	4300	2026	
4	7.00	4.24	2.36	4850	2156	
5	7.00	4.00	2.40	5050	2301	
AVERAGE MODULUS OF RUPTURE (psi):					2089	

TEST PARAMETER:		ASTM C-99: MODULUS OF RUPTURE OF DIMENSION STONE: PARALLEL TO RIFT				
SPECIMEN NUMBER	SPAN	WIDTH	THICKNESS	APPLIED LOAD	RUPTURE (psi)	
1	7.00	4.09	2.23	6450	3330	
2	7.00	4.01	2.40	5600	2546	
3	7.00	4.35	2.46	5500	2194	
4	7.00	4.13	2.37	6100	2761	
5	7.00	4.06	2.23	5250	2730	
AVERAGE MODULUS OF RUPTURE (psi):					2712	

TEST PARAMETER:		ASTM C-170: COMPRESSIVE STRENGTH OF DIMENSION STONE: PERPENDICULAR TO RIFT				
SPECIMEN NUMBER	HEIGHT	LENGTH	WIDTH	APPLIED LOAD	UNIT PSI	
1	3.12	3.05	3.13	59400	6222	
2	2.93	2.97	3.21	87000	9126	
3	2.90	2.96	2.93	63050	7270	
4	3.15	3.21	2.91	78900	8447	
5	3.09	3.18	2.93	69950	7507	
AVERAGE COMPRESSIVE STRENGTH (psi):					7714	

TEST PARAMETER:		ASTM C-170: COMPRESSIVE STRENGTH OF DIMENSION STONE: PARALLEL TO RIFT				
SPECIMEN NUMBER	HEIGHT	LENGTH	WIDTH	APPLIED LOAD	UNIT PSI	
1	3.19	3.01	3.25	142900	14608	
2	3.11	3.09	3.15	127450	13094	
3	3.12	3.18	3.23	148550	14462	
4	3.11	3.07	3.20	134600	13701	
5	2.97	3.24	2.97	139750	14523	
AVERAGE COMPRESSIVE STRENGTH (psi):					14078	

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