



NYC Lic No 43
 For all NYC projects,
 this report should be
 considered a DRAFT,
 unless it bears the seal
 and signature of the
 laboratory director.

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REPORT OF COMPRESSIVE STRENGTH TEST

Client **Verticon LTD**

Project Code **160640**

Project **Metcar, Glen Wild, NY**

Date **9/16/2016**

FIELD DATA

Placement Location: Footings:Footings along eastern edge of site perimeter:eastern edge of footings

Date Placed: 8/18/2016

Mix Supplier: Sullivan Structures

Cyls Made Per: ASTM C31

Ticket #: 085212 Truck #: CM-69

Time Made: 12:00 PM

Mix Type: 4000 PSI

Slump (C143, T152,C1611) : 4 in.

Supplier Mix ID: 4000 PSI

Air Content (C231, T152) 6.5 %

Mix Proportions (from Mix Design*)

Air Temperature: 80 °F

Cement: 611 lbs Water: 258 lbs

Mix Temperature (C1064, T309) : 82 °F

Fly Ash: 0 lbs Coarse Agg #1: 1050 lbs

Slag: 0 lbs Coarse Agg #2: 700 lbs

Micro Silica: 0 lbs Fine Aggregate: 1215 lbs

Unit Weight (lbs/cu ft) (C138, T121) :

Admixture(s):

Field Data by: ATC/Cook, Mackenzie

AE, WR

Date Received in Lab: 8/23/2016

*Note: - Mix Design: Proportioning based on mix design on file at Advance Testing.
 - Batch Ticket: Proportioning based on previous batch ticket target quantities for noted Mix Supplier ID

COMPRESSIVE STRENGTH TEST RESULTS

Specimen Type: 4 x 8 Cylinder

Test Method: ASTM C39/AASHTO T22

Spec PSI: 4000

Client Cyl #	Lab #	Cure Type	Date Tested	Age Days	Diam A In.	Diam B In.	Area Sq In.	Unit Wt.	Factor	Total Load lbs	Comp. Strength		Capping Type	Fracture Type
											PSI	MPA		
22198		Lab	8/25/16	7	4.01	4.00	12.60	139.50	1.00	38280	3040	20.94	N	Cone & Split
22199		Lab	9/15/16	28	4.00	4.01	12.59	139.15	1.00	52590	4180	28.80	N	Cone & Split
22200		Lab	9/15/16	28	4.00	3.99	12.54	138.51	1.00	54070	4310	29.73	N	Cone & Split
22201		Lab	9/15/16	28	4.00	3.99	12.53	139.30	1.00	52680	4200	28.99	N	Cone & Split
22202		Lab	HOLD	0	3.99	4.01	12.58	139.64	1.00	0	0	0.00		
22203		Lab	HOLD	0	4.01	4.01	12.60	138.33	1.00	0	0	0.00		

Remarks: Initial Curing Method:Field Cure
 End Capping was completed per C1231 or C617, T231 (N-Neoprene, S-Sulfur, G-Grinding)

Compressive strength results comply with specifications

Specimens cast by
 Advance Testing

Latest Strength Tests by:
 Solomon, Joshua (013668)

Specimens transported by
 Advance Testing

Tested At
 Campbell Hall, NY

Reviewed

