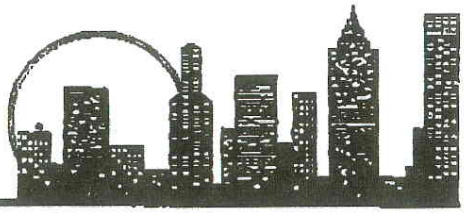
New York Product Testing & Services Inc.



"Success Through Testing"

DATE:	June 20, 2007
LAB. No.:	07-1964
CLIENT:	Brick-It
	35 Carlough Road, Unit #3
	Bohemia, NY 11716
ATTENTION:	Ron Trezza
CLIENT'S ORDER NO.:	Pending
MATERIAL:	Metal Grid mounted to sub-structure
MARKED:	See Sample Description below
SUBMITTED FOR:	Pullout Strength, Reference ASTM E754

1.0 Sample Description:

Sample #1:

12" X 12"
#2 Southern Yellow Pine 2X4
½" CDX-4 Ply plywood
Metal Grid- 30 gauge galvanized coil 0.013-0.015 CQ, Ct, Dry Prime
Staples- 1 ½" coated electro galvanized chisel point with 1" crown

Sample #2:

12" X 12"
#2 Southern Yellow Pine 2X4
½" CDX-4 Ply plywood
Metal Grid- 30 gauge galvanized coil 0.013-0.015 CQ, Ct, Dry Prime
Roofing Nails- 1 ½" X 0.120 galvanized

Sample #3

12" X 12"
Douglas Fir 2X4
½" CDX-4 Ply plywood
Metal Grid- 30 gauge galvanized coil 0.013-0.015 CQ, Ct, Dry Prime
Staples- 1 ½" coated electro galvanized chisel point with 1" crown

2.0: Procedure:

The Metal Grid was mounted by normal mounting means using either the roofing nails or staples as described in the Sample Description above. Each of the three (3) Sample Assemblies was placed in a Tinius Olsen Universal Tensile Machine and the metal grids were subjected to an increasing tensile load until fastener pullout occurred. The force at which pullout occurred was noted.

3.0 RESULTS:

SAMPLE #	PULLOUT FORCE (PSF)	COMMENTS
1	900+	Metal Grid broke/No Pullout
2	515	Nail Pullout Occurred
3	710	Staple Pullout Occurred

4.0 CERTIFICATION AND SIGNATURES:

We certify that this report is a true report of results obtained from tests of this material.
Respectfully submitted,
New York Product Testing & Services, Inc.

Rich Subject, Project Technician

Al Barbera, Laboratory Manager