T.S.I. LABORATORIES, INC.

TRINITY SOIL INVESTIGATIONS
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Tested For: Innovative Block of So.Tx. Ltd. **Project:** 12" Stretcher Mixed Cavities
Lt. Wt. Mix Design
Part #8201XXXX
Mft. Date:

Lab #: 0108-8-3

REMARKS: On 01-14-08 (6) Concrete Masonry Units were tested. The units sampled were 12"x8"x16" nominal. In accordance with ASTM C-140 test procedures. Three units were tested for compressive strength and three units were retained for additional testing if requested. The results are as follows:

Block I.D.	Load (lbs)	Net Area (in2)	Compressive Strength (PSI)	Absorption (%)	Absorption (lbs – ft3)
A	194,440	78.00	2,493	--------	--------
B	175,510	78.00	2,250	--------	--------
C	156,360	78.00	2,005	--------	--------
D	---------	--------	------	7.51	8.89
E	---------	--------	-------	4.86	5.80
F	---------	--------	--------	3.75	4.56
Average of three (3):			2,249		6.42

ASTM C-90 Requirements

Individual ..... 1700 Minimum
Average of (3) ..... 1900 Minimum 13.0 maximum

Remarks: The Concrete Masonry Units sampled **did or did not** meet the compressive requirements strength.

T. S. I. Laboratories, Inc.
P.E. 03-03-08
Victor H. Garcia, P.E.