T.S.I. LABORATORIES, INC.

TRINITY SOIL INVESTIGATIONS
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Tested For: Innovative Block of So.Tx. Ltd. **Project:** 6" Stretcher Mixed Cavities
Lt. Wt. Mix Design
Part #8601XXXX
Mft. Date: 6-28-07

Lab #:

REMARKS: On 07-23-07 (6) Concrete Masonry Units were tested. The units sampled were 2 cell 6"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	83,430	38.00	2,196	-------	-------
B	82,820	38.00	2,179		
C	90,030	38.00	2,369	-------	-------
D	-------	-------	-----	7.90	9.00
E	-------	-------	------	5.80	6.30
F	-------	-------	------	6.00	6.50
Average of three (3):			2,248		7.2

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.

STATE OF TEXAS
VICTOR HUGO GARCIA
90957
LICENSED
PROFESSIONAL ENGINEER

T. S. I. Laboratories, Inc.

P.E. 03-03-08

Victor H. Garcia, P.E.