

T.S.I. LABORATORIES, INC.



TRINITY SOIL INVESTIGATIONS
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Tested For: Innovative Block of So.Tx. Ltd. **Project:** 6" U. Beam
 Lt. Wt. Mix Design
 Part #8631XXXX
 Mft. Date: 7-3-07

Lab #:

REMARKS: On 7-23-07 (6) Concrete Masonry Units were tested. The units sampled were 1 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:

<u>Block I.D.</u>	<u>Load (lbs)</u>	<u>Net Area (in²)</u>	<u>Compressive Strength (PSI)</u>	<u>Absorption (%)</u>	<u>Absorption (lbs - ft³)</u>
A	114,760	53.00	2,165	-----	-----
B	100,820	53.00	1902	-----	-----
C	92,860	53.00	1,752	-----	-----
D	-----	-----	-----	4.0	6.0
E	-----	-----	-----	3.0	4.0
F	-----	-----	-----	6.0	7.0
Average of three (3):			1,940		5.7

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.

[Signature]
 Victor H. Garcia, P.E.