

T.S.I. LABORATORIES, INC.



TRINITY SOIL INVESTIGATIONS
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Tested For: Innovative Block of So.Tx. Ltd. **Project:** 8" Stretcher Mixed Cavities
 Lt. Wt. Mix Design
 Part #8801XXXX
 Mft. Date: 5-29-07

Lab #: 0707-1-1

REMARKS: On 06-19-07 (6) Concrete Masonry Units were tested. The units sampled were 2 cell 8"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 | 160,090 | 61.39 | 2,608 | ----- | ----- |
| B | 166,730 | 61.39 | 2,716 | ----- | ----- |
| C | 161,410 | 61.39 | 2,629 | ----- | ----- |
| D | ----- | ----- | ----- | 12.50 | 14.10 |
| E | ----- | ----- | ----- | 10.00 | 11.70 |
| F | ----- | ----- | ----- | 12.00 | 13.60 |
| Average of three (3): | | | 2,651 | | 13.0 |

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.



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