

T.S.I. LABORATORIES, INC.



TRINITY SOIL INVESTIGATIONS
 901 E. Expressway 83
 La Feria, Texas 78559

Tel: (956) 797-9031
 Fax: (956) 797-2056
 Email: tsi_laferia@sbcglobal.net

Tested For: Innovative Block of So.Tx. Ltd.

Project: 8" Conduit Knock Out
 LT. WT. Mix Design
 Part #8821XXXX

Lab #: 0707-1-4

REMARKS: On 6-26-07 (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 | 118,520 | 55.70 | 2,227.82 | ----- | ----- |
| B | 108,420 | 55.70 | 1,946.49 | ----- | ----- |
| C | 123,150 | 55.70 | 2,210.95 | ----- | ----- |
| D | ----- | ----- | ----- | 10.34 | 12.07 |
| E | ----- | ----- | ----- | 12.06 | 14.09 |
| F | ----- | ----- | ----- | 6.55 | 7.80 |
| Average of three (3): | | | 2,128.42 | | 11.0 |

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.



T. S. I. Laboratories, Inc.

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