



# PITTSBURGH TESTING LABORATORY

FORM 407 REV.

ESTABLISHED 1881  
PITTSBURGH, PA.

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CLIENTS No. P. O. 3178

March 11, 1964

LABORATORY No.

ORDER No. PG 8920

## REPORT

Bags of cement weighing 96 lbs. per bag were used as the loading medium. Twenty-nine bags were placed on the awning giving an approximate load of 41.3 psf (horizontal projection). The load was increased to 37 bags or approximately 54.5 psf (horizontal projection). This load remained on the structure for 24 hours. After each load increment, at times shown in test results, and after unloading, deflection measurements were taken as presented.

Before and during the test, photographs were taken by a representative of the Client, but are not available for inclusion with the Report.

### TEST RESULTS

#### Patio Awning

| <u>Date</u> | <u>Time</u> | <u>Total Load<br/>(lbs.)</u> | <u>Horiz. Projection<br/>Uniform Load (psf)</u> | <u>Deflection (Inches)</u> |                   |                   |                   |
|-------------|-------------|------------------------------|---|----------------------------|-------------------|-------------------|-------------------|
|             |             |                              |   | <u>Gage<br/>1</u>          | <u>Gage<br/>2</u> | <u>Gage<br/>3</u> | <u>Gage<br/>4</u> |
| 3-2-64      | 10:45 a.m.  | 0                            | 0   | 0.000                      | 0.000             | 0.000             | 0.000             |
| 3-2-64      | 11:15 a.m.  | 2784                         | 41.3  | 0.419                      | 0.375             | 0.164             | 0.027             |
| 3-2-64      | 11:30 a.m.  | 3552                         | 54.5  | 0.510                      | 0.446             | 0.198             | 0.027             |
| 3-2-64      | 2:00 p.m.   | 3552                         | 54.5  | 0.534                      | 0.467             | 0.202             | 0.027             |
| 3-3-64      | 11:30 a.m.  | 3552                         | 54.5  | 0.558                      | 0.484             | 0.210             | 0.027             |
| 3-3-64      | 11:50 a.m.  | 0                            | 0   | 0.165                      | 0.151             | 0.070             | 0.000             |
| 3-3-64      | 1:10 p.m.   | 0                            | 0   | 0.154                      | 0.137             | 0.068             | 0.000             |

### COMMENT

The pans, louvers, and posts showed no residual bending nor buckling to visual examination after removal of the test load.

PITTSBURGH TESTING LABORATORY

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