



PERMIT #

B0401489

30





# Vx & Vy REACTIONS & ANCHOR SCHEDULE

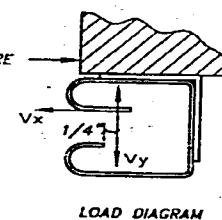
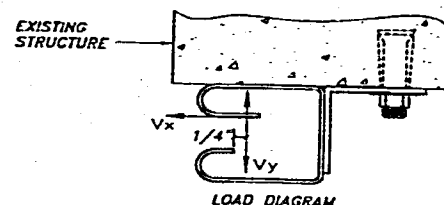
| MAXIMUM DESIGN LOAD (PSF) | DOOR WIDTH (FT.) | SLIP (IN) | Vx (LB/FT) | Vy (LB/FT) | ANCHOR SPACING                  |           |                                 |           |
|---------------------------|------------------|-----------|------------|------------|---------------------------------|-----------|---------------------------------|-----------|
|                           |                  |           |            |            | FOR Min. Fc = 3000 psi CONCRETE |           | FOR Min. Fc = 4000 psi CONCRETE |           |
|                           |                  |           |            |            | TYPE 1 *                        | TYPE 2 ** | TYPE 1 *                        | TYPE 2 ** |
| +50.0, -50.0              | 8'-0" OR LESS    | 1/16"     | 2127       | 225        | 9"                              | 12"       | 12"                             | 12"       |
|                           | 12'-0"           | 1/8"      | 2617       | 300        | 7"                              | 11"       | 9 1/2"                          | 12"       |
|                           | 14'-0"           | 3/16"     | 2787       | 350        | 6 1/2"                          | 10"       | 8 1/2"                          | 12"       |
|                           | 16'-0"           | 5/16"     | 2681       | 400        | 6 1/2"                          | 9 1/2"    | 8 1/2"                          | 12"       |
| +60.0, -60.0              | 8'-0" OR LESS    | 1/16"     | 2667       | 270        | 7 1/2"                          | 11 1/2"   | 9 1/2"                          | 12"       |
|                           | 12'-0"           | 1/8"      | 3205       | 360        | 6"                              | 9"        | 8"                              | 12"       |
|                           | 14'-0"           | 3/16"     | 3392       | 420        | 5 1/2"                          | 8"        | 8"                              | 12"       |
|                           | 16'-0"           | 5/16"     | 3253       | 480        | 5 1/2"                          | 8"        | 8"                              | 12"       |

- \* TYPE 1 ANCHOR : 5/8" # KINGPIN ZINC PLATING WEDGE ANCHOR W/ 5" MINIMUM EMBEDMENT.  
 \*\* TYPE 2 ANCHOR : 5/8" # POWERS RAWL BOLT W/ 4" MINIMUM EMBEDMENT.  
 MAXIMUM SPACINGS FOR Fc = 3000 psi CONCRETE MAY BE INTERPOLATED IN BETWEEN Fc = 2000 psi AND Fc = 4000 psi.

CONCRETE:  
 PLUMBING:  
 ELECTRICAL:  
 MECHANICAL:  
 FIRE PREVENTION:  
 ENGINEERING:  
 PUBLIC WORKS:  
 STRUCTURAL:  
 ACCESSIBILITY:  
 ELEVATOR:

As per Florida Building Code Section 104.5.3  
 REVIEWED FOR CODE COMPLIANCE

|                                                                                                        |                                                                                                                    |                                                      |
|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| <b>ILILECO INC.</b><br>1000 N.W. 10th Ave.<br>Suite 100<br>Fort Lauderdale, FL 33304<br>(954) 571-1111 | <b>BEST ROLLING DOORS, INC.</b><br>1000 N.W. 10th Ave.<br>Suite 100<br>Fort Lauderdale, FL 33304<br>(954) 571-1111 | SCALE<br>1/4" = 1'-0"<br>99 - 157<br>BUILDING PERMIT |
|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|



MIAMI-DADE COUNTY, FLORIDA  
 BUILDING CODE COMPLIANCE OFFICE (BCCO)  
 PRODUCT CONTROL DIVISION  
 148 WEST FLAGLER STREET, SUITE 1403  
 MIAMI, FLORIDA 33136-1563  
 (305) 375-2901 FAX (305) 375-2968

## NOTICE OF ACCEPTANCE (NOA)

SHIELD SHUTTERS, INC.  
 7272 N.W. 25th Street  
 Miami, Florida 33122

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (in Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: 0.036" (min.) Galvanized Steel Storm Panels Shutter

APPROVAL DOCUMENT: Drawing No. 02-355, titled "20 gage Galvanized Steel Storm Panel", sheets 1 through 8 of 8, including sheet 1A, total of 9 sheets, prepared by Tiltco, Inc., dated June 12, 2002, last revision #1 dated June 12, 2002, bearing the Miami-Dade County Product Control Division stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL: This NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION: This NOA will occur after the expiration date or if there has been a revision or change in the product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 00-1013.05 and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by Helmy A. Makar, P.E.



NOA No 02-0619-04  
 Expiration Date: 12/31/2004  
 Approval Date: 07/01/2002  
 Page 1

**OFFICE COPY**

**CITY OF MIAMI BEACH**

**APPROVED FOR PERMIT BY**

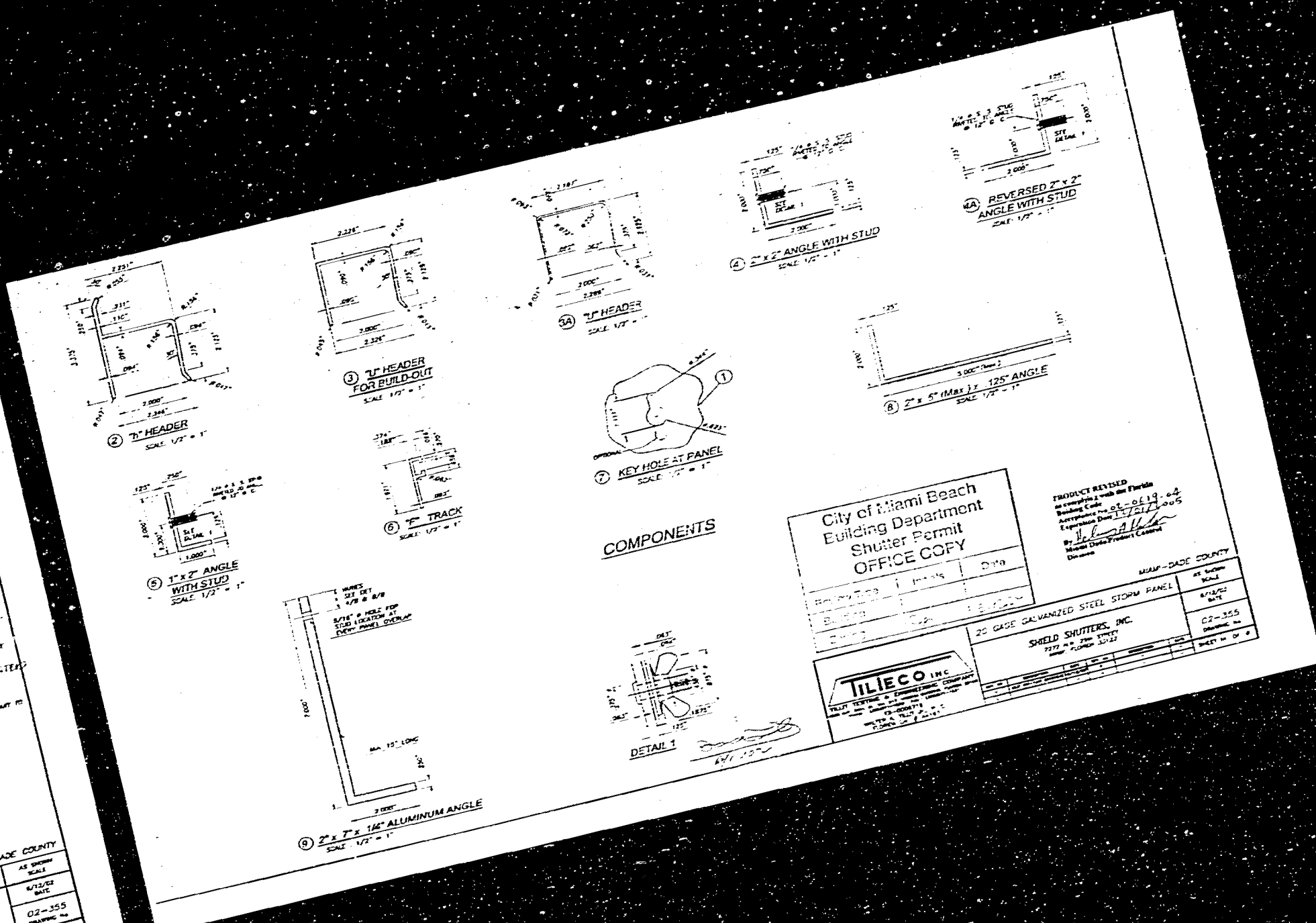
**THE FOLLOWING**

BUILDING \_\_\_\_\_  
ZONING \_\_\_\_\_  
DREDGE \_\_\_\_\_  
CONCRETE \_\_\_\_\_  
PLUMBING \_\_\_\_\_  
ELECTRICAL \_\_\_\_\_  
MECHANICAL \_\_\_\_\_  
FIRE PROTECTION \_\_\_\_\_  
ENGINEERING \_\_\_\_\_  
PUBLIC WORKS \_\_\_\_\_  
STRUCTURAL \_\_\_\_\_  
ACCESSIBILITY \_\_\_\_\_  
ELEVATOR \_\_\_\_\_

As per Florida Building Code, Section 105.3  
REVIEWED FOR CODE COMPLIANCE

MR Jim Silvers

30







**MAXIMUM DESIGN PRESSURE RATING "W" (P.S.F.) AND CORRESPONDING MAXIMUM ANCHOR SPACING SCHEDULE FOR INSTALLATIONS INTO CONCRETE AND C.B.S. STRUCTURES \***

C, D = EDGE DISTANCE

| MAXIMUM DESIGN PRESSURE RATING "W" (P.S.F.) | MAXIMUM ANCHOR SPACING FOR E.C. = 3 1/2" ** |            |             |            | APPLICABLE TO SECTION 4 & 5 (TOP/BOTTOM) OF SHEET | MAXIMUM PANEL LENGTH "L" (IN) |
|---------------------------------------------|---------------------------------------------|------------|-------------|------------|---------------------------------------------------|-------------------------------|
|                                             | TO CONCRETE                                 | TO MASONRY | TO CONCRETE | TO MASONRY |                                                   |                               |
| +62.0 - +66.0                               | 12"                                         | N/A        | 12"         | N/A        | 1 (TOP)                                           | 6'-3" OR LESS                 |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 2 (TOP)                                           |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 3 (TOP)                                           |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 4 (TOP/BOTTOM)                                    |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 5 (TOP)                                           |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 6 (TOP)                                           |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 7 (TOP)                                           |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 8 (TOP)                                           |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 9 (TOP)                                           |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 10 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 11 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 12 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 13 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 14 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 15 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 16 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 17 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 18 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 19 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 20 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 21 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 22 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 23 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 24 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 25 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 26 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 27 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 28 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 29 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 30 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 31 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 32 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 33 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 34 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 35 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 36 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 37 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 38 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 39 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 40 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 41 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 42 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 43 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 44 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 45 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 46 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 47 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 48 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 49 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 50 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 51 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 52 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 53 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 54 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 55 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 56 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 57 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 58 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 59 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 60 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 61 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 62 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 63 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 64 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 65 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 66 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 67 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 68 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 69 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 70 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 71 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 72 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 73 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 74 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 75 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 76 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 77 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 78 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 79 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 80 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 81 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 82 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 83 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 84 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 85 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 86 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 87 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 88 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 89 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 90 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 91 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 92 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 93 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 94 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 95 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 96 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 97 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 98 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 99 (TOP)                                          |                               |
|                                             | 12"                                         | N/A        | 12"         | N/A        | 100 (TOP)                                         |                               |

SEE SHEET 1 & 2 OF 2 FOR ANCHOR TYPE & SPACING FOR INSTALLATIONS INTO WOOD FRAME BUILDINGS

MAXIMUM ANCHOR SPACING SCHEDULE FOR E.C. = 3 1/2" \*\*

| ACTUAL E.C. | ANCHOR | ANCHOR TYPE |
|-------------|--------|-------------|
| 2"          | 88     | 75          |
| 2 1/2"      | 71     | 30          |
| 3"          | 30     | -           |

City of Miami Beach  
Building Department  
Shutter Permit  
OFFICE COPY

PROJECT REVIEWED BY: [Signature]  
DATE: 06/11/06  
PROJECT NO: 06-001-06  
SHEET NO: 1 OF 2

20 GAGE GALVANIZED STEEL STORM PANEL  
SHIELD SHUTTERS, INC.  
1775 N.W. 11TH STREET  
MIAMI, FL 33137

MIAMI-DADE COUNTY  
AS SHOWN  
SEAL  
N/A/100  
N/A/100  
02-350  
SHIELD SHUTTERS, INC.  
SHEET 1 OF 2

**INSTALLATION DETAILS ON EXISTING WOOD BUILDINGS**

WALL MOUNTING INSTALLATION - SECTIONS A

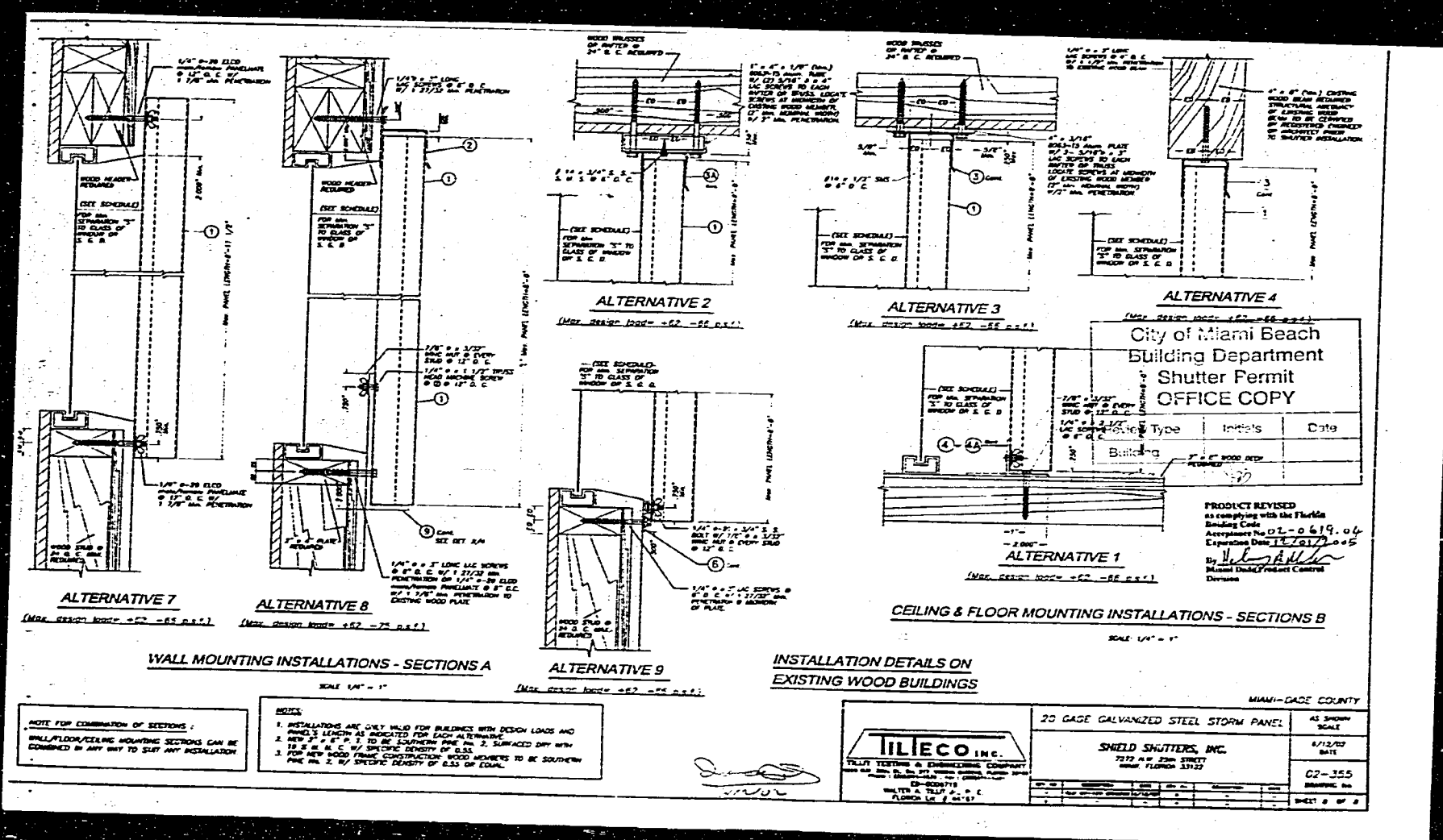
ALTERNATIVE 1  
ALTERNATIVE 2  
ALTERNATIVE 3  
ALTERNATIVE 4  
ALTERNATIVE 5  
ALTERNATIVE 6

City of Miami Beach  
Building Department  
Shutter Permit  
OFFICE COPY

PROJECT REVIEWED BY: [Signature]  
DATE: 06/11/06  
PROJECT NO: 06-001-06  
SHEET NO: 2 OF 2

20 GAGE GALVANIZED STEEL STORM PANEL  
SHIELD SHUTTERS, INC.  
1775 N.W. 11TH STREET  
MIAMI, FL 33137

MIAMI-DADE COUNTY  
AS SHOWN  
SEAL  
N/A/100  
N/A/100  
02-350  
SHIELD SHUTTERS, INC.  
SHEET 2 OF 2

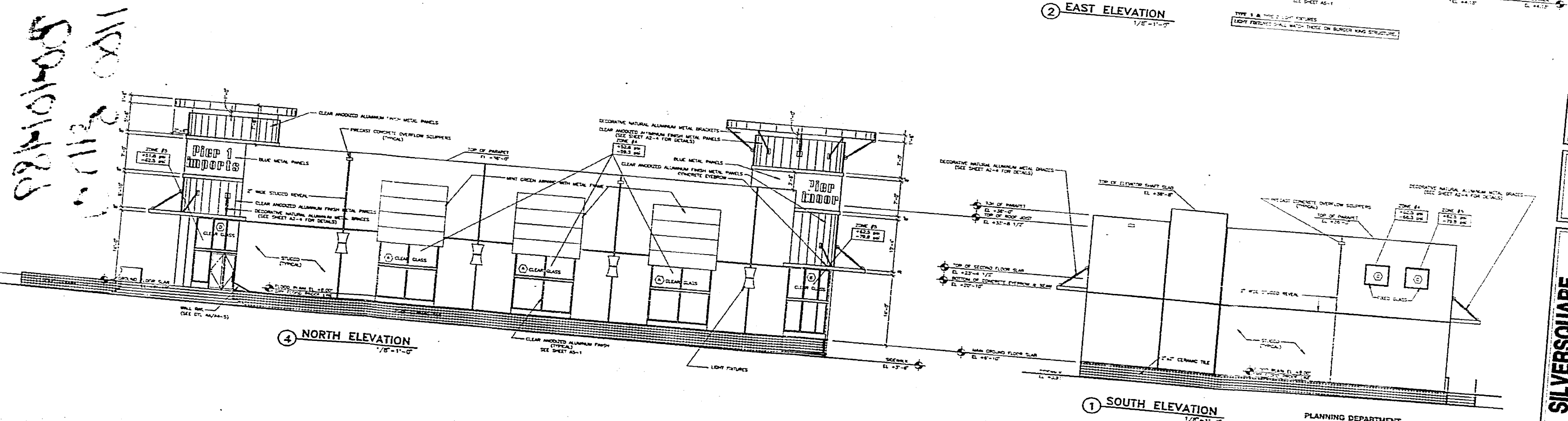
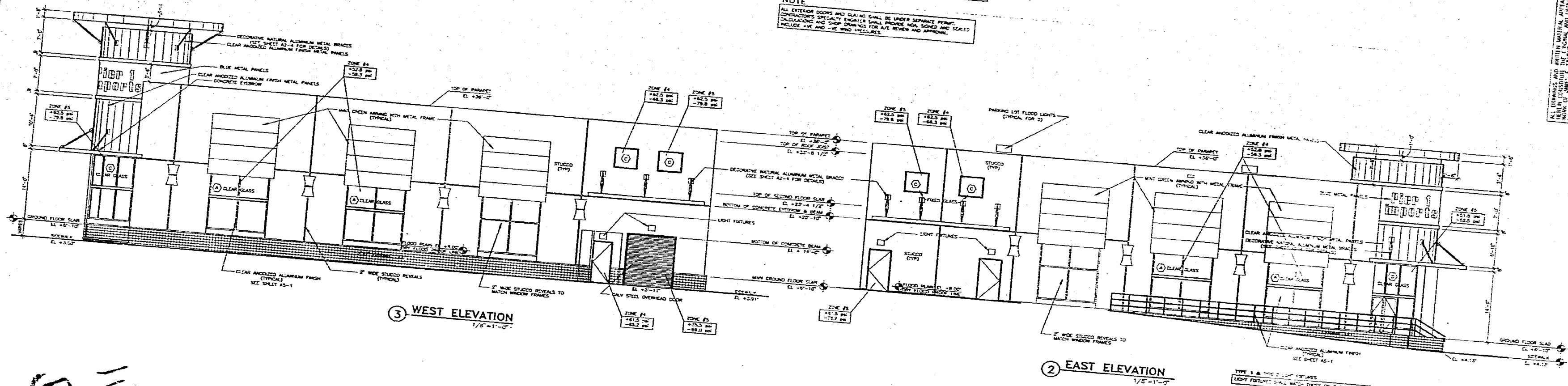


**DRY FLOOD PROOFING NOTES**

1. ALL ELEVATIONS AT NOSE.
2. DRY FLOOD PROOFING SHALL BE AT 4'-0" A.O.D.
3. AT ALL WALLS BELOW 4'-0" A.O.D. NOSE, ALL WALLS SHALL BE CONCRETE AND PROVIDE 1/2" MIN. EACH CELL.
4. PROVIDE FLOOD BARRIERS, AS REQUIRED TO ELEVATION 4'-0" A.O.D.
5. PROVIDE BENTONITE (OR APPROVED EQUAL) WATERPROOFING BELOW SLAB.

**NOTE**

ALL EXTERIOR DOORS AND SLABING SHALL BE UNDER SEPARATE PERMIT. CONTRACTOR'S SPECIALTY ENGINEER SHALL PROVIDE NOA, SIGNED AND SEALED. CALCULATIONS AND SHOP DRAWINGS FOR AVE. REVIEW AND APPROVAL. INCLUDE +VE AND -VE WIND PRESSURES.



**PLANNING DEPARTMENT**  
**SHUTTER APPROVAL**  
 DESIGN REVIEW: \_\_\_\_\_  
 CONDITIONS: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 1. STORM PURPOSES ONLY  
 2. COLOR & STYLE TO MATCH EXISTING BUILDINGS  
 3. OTHER: \_\_\_\_\_  
 CONFORMANCE: \_\_\_\_\_  
 1. PLANNING DEPARTMENT SHALL HAVE THREE ON BINDER KING STRUCTURE  
 2. OTHER: \_\_\_\_\_

**JAMES F. SILVERS ARCHITECT**  
 1100-5TH STREET MIAMI BEACH, FL.  
 ARCHITECT/DEVELOPER 305/672-0801

**SILVER SQUARE**  
 BUILDING #2 - PIER 1 IMPORTS  
 1130 5TH STREET MIAMI BEACH, FLORIDA

**A3-1**



NOTICE: In addition to the requirement of this permit there may be additional restrictions applicable to this property that may be found in the Public Records of this County and there may be additional permits required of other government entities such as water management districts, state agencies, or federal agencies.

The City of Miami assumes no responsibility for accuracy of or results from these tests and is approved subject to compliance with all Federal, State, and Local Laws, Ordinances, and Regulations.

**PROVECHO**

19.8' SQF  
20' SQF MAX

OFFICE COPY

# MI BEACH

PERMIT BY  
OWING:

*S.* 6/18/12

6/16/2

Ar 6/18/12

ELEVATOR

16'

# SUNSHINE ELECTRICAL CONTRACTOR

1300 SW 85TH CT  
MIAMI, FL 33144

305.265.4958

# PROVECHO

**1120 15TH STREET**

# TWIN CITY REALTY

# NORTH ELEVATION

8'-6" X 2'-4"

**TOTAL LOAD: 150 AMP**

THE SIGN AS PER ASCE 7-05  
AND 2104 F.B.C. WIND LOAD  
175 MPH EXPOSURE "C"  
IMPORTANCE FACTOR 1.0

22

-20 AMPS CIRCUIT # 12-14  
1-T101 TIMER  
DISCONNECT SWITCH AT SIG

**U.L.**  
ALL ELECTRICAL COMPONENTS ARE U.L. LISTED  
SIGN GROUNDED ACCORDING TO NEC CODE 250  
ELECTRIC SIGN COMPLIES TO U.L. 2161

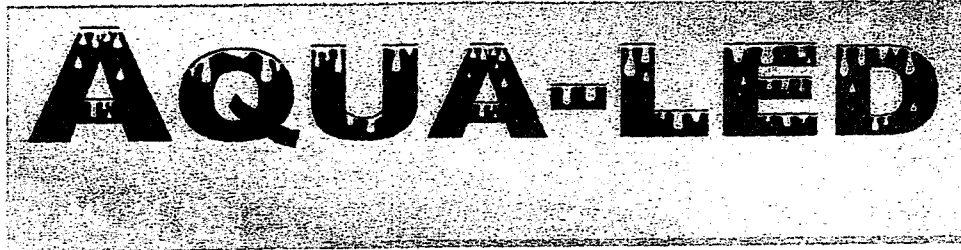
| QTY | SOURCE      | TYPE  | AMPS |
|-----|-------------|-------|------|
| 1   | Transformer |       | 1.0  |
|     |             |       |      |
|     |             |       |      |
|     |             | TOTAL | 1.0  |

| MOUNTING HARDWARE              | BUILDING CONSTRUCTION |      |                   |       |
|--------------------------------|-----------------------|------|-------------------|-------|
|                                | MASONRY               | WOOD | WOOD              | METAL |
| 1/4" BOLTS THROUGH WALL        | X                     | X    |                   | X     |
| 1/4" LAG BOLTS W/ LEAD SHIELDS | X                     |      |                   |       |
| 1/4" LAG BOLTS                 |                       |      | HALLOW BLOCK ONLY |       |
| 1/4" TOGGLE BOLTS              |                       |      | X                 | X     |
| 1/4" SLEEVE ANCHORS            | X                     |      |                   |       |
| 1/4" x 2.5" TAPCON SCREWS      | X                     |      |                   |       |

6/1/2022

## NORTH ELEVATION

Transco takes LED lighting to a new level !

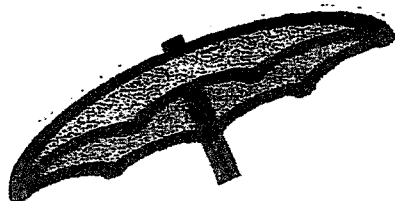


All the features you could ask for in a LED module

- **Superior Color Temperature** – Our whites are outstanding behind 7328 or 2447 plastic. Available in 5800°K (Sign White), 4500°K (Warm White) and 7000°K (Day White).
- **Tri-LED** - Contains three die inside the LED chip. This gives the product its brightness and color rendition. (cheaper LEDs have single or dual)
- **Competitively Priced** - A rare combination of brightness and quality at an economical price.
- **Rugged Construction** - A plus for shop conditions or on the service truck. Solder-free connections for maximum strain relief.
- **Low Power Consumption** - Only 0.60 watts per module; 3 modules per foot. Each 60 watt power supply can run up to 33 ft./99 modules.
- **Rated IP65** - Rated for a product that can withstand light water contact in signs. Not designed for full immersion in water or water applied under pressure.
- **Available in the Following Colors** - 3 Whites (W5800, W4500, W7000), Red, Blue, Green and Amber.

**TRANSCO**  
Powering the World is Our Profession



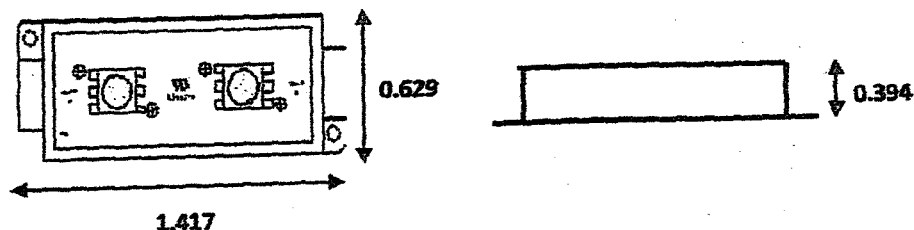


# AQUA-LED<sup>SM</sup>

## SERIES

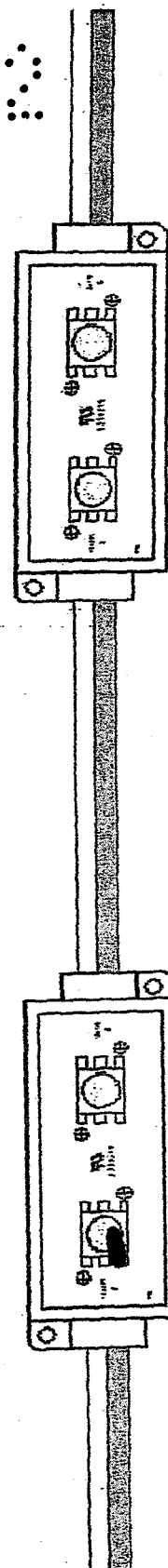
| Color                 | White (3)                                                                     | Amber |
|-----------------------|-------------------------------------------------------------------------------|-------|
| Quantity of LED Lamps | 2 SMD Ultra Bright Wide Viewing Angle (Type B)                                |       |
| Power Consumption     | 0.60 Watts/Module; 3 Modules/Foot                                             |       |
| Working Voltage       | 12 Volts DC                                                                   |       |
| Working Current       | 25mA (max working current)                                                    |       |
| Viewing Angle         | 120 Degrees                                                                   |       |
| Lumens per Foot       | Whites (102), Red (36), Green (36), Blue (18)                                 |       |
| Ambient Temperature   | -20 °C - +60 °C                                                               |       |
| Storage Temperature   | -40 °C - +60 °C                                                               |       |
| Waterproof Rank       | IP65                                                                          |       |
| Module Dimension      | 1.417 in. L x 0.629 in. W x 0.394 in. H                                       |       |
| Module Spacing        | 2.480 in.                                                                     |       |
| Package               | 45 Modules (15ft.)/Bag; 2 Bags/Box                                            |       |
| UL File Data          | E313209* Class 2 LED Module - Suitable for use in Dry, Damp and Wet Locations |       |
| Warranty              | 3 Years                                                                       |       |

\* Recently added; Also refer to E314210



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W. Columbia, SC 29171  
(800) 869-6366  
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NEW SIGN



**SUNSHINE ELECTRICAL CONTRACTOR**

1300 SW 85TH CT  
MIAMI, FL 33144  
305.265.4958

**PROVECHO**

1120 15TH STREET  
TWIN CITY REALTY  
NORTH ELEVATION

31204168

1100 15th St.

31204168

31204168

OFFICE COPY  
CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY

THE FOLLOWING:

BUILDING:  
ZONING:  
DRB/HDR:  
CONCURRENCY:  
PLUMBING:  
ELECTRICAL:  
MECHANICAL:  
FIRE PREVENTION:  
ENGINEERING:  
PUBLIC WORKS:  
STRUCTURAL:  
ELEVATOR:

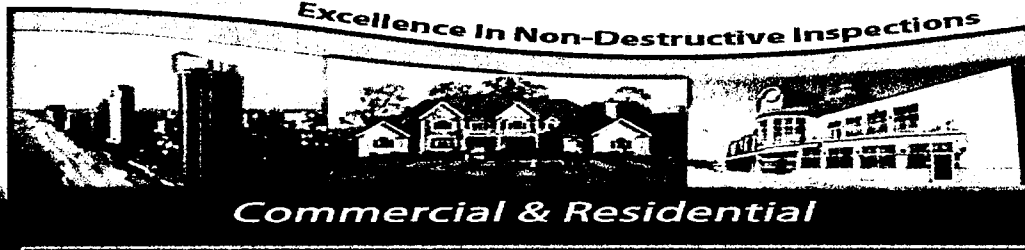
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6/18/12



**TRI-COUNTY ENGINEERING  
& INSPECTIONS, INC.**  
[www.tricountyinspection.com](http://www.tricountyinspection.com)



## Replacement Cost Estimate

Prepared For:

**ARRP Miami LLC**

**Property Estimated:**

1100 15th St

Miami Beach, FL 33139

**Inspection Date:**

01/14/2014

**Report Date**

01/15/2014

Prepared by:

**TRI-COUNTY ENGINEERING & INSPECTIONS, INC.**

**1007 N Federal Hwy**

**Suite 224**

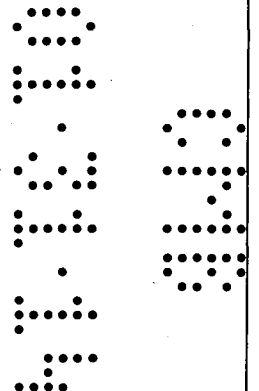
**Fort Lauderdale, FL 33304**

**954/ 767-5955 O**

**954/603-8832 F**

**[info@tricountyinspection.com](mailto:info@tricountyinspection.com)**

01401230





**Tri County Engineering  
& Inspections, Inc**  
www.tricountyinspection.com

954 767-5955 Broward  
561 880-7930 Palm Beach  
305 747-9445 Dade

**Prepared For:** \_\_\_\_\_  
**Insured:** ARRP Miami LLC  
**Address:** 1100 15th St  
**City, State, Zip:** Miami Beach, FL 33139  
**Policy Number:** \_\_\_\_\_

**Inspection Date:** 01/14/2014  
**Person Interviewed:** Owner  
**Inspected By:** WSP  
**Ordered By:** \_\_\_\_\_  
**Agency:** \_\_\_\_\_

#### REPLACEMENT COST SUMMARY:

|             | SQ.FT. | X | \$/SQ.FT. | = | TOTAL        |
|-------------|--------|---|-----------|---|--------------|
| Structure 1 | 6,722  | X | \$89.50   | = | \$601,596.00 |
| Structure 2 | n/a    | X | n/a       | = | n/a          |
| Structure 3 | n/a    | X | n/a       | = | n/a          |
| Structure 4 | n/a    | X | n/a       | = | n/a          |
| Structure 5 | n/a    | X | n/a       | = | n/a          |
| Structure 6 | n/a    | X | n/a       | = | n/a          |
| Total       | 6,722  |   |           |   | \$601,596.00 |

#### UNDERWRITING SUMMARY

##### ADDITIONAL STRUCTURES

Number of Additional Structures: n/a  
Comb. Value of Add. Structures: n/a  
% of Appraised Coverage "A": n/a

##### BUILDING INFORMATION

Year Built: 1945  
Construction Type: ISO 2 JM  
Exterior Wall Cover: CBS  
Roof Cover: Built up  
Roof Cover Age: 10  
Roof Cover Condition: Good  
Building Condition: Good

##### ALARM SYSTEM

Fire Alarm/Monitoring: No  
Burglar Alarm/Monitoring: No  
Monitoring Company: N/A  
Monitoring Company Phone #: N/A  
Monitoring Company Verification: No  
Residential Sprinkler System: No  
Additional Alarm Components: Fire Extinguishers

##### FIRE PROTECTION

Protection Class at Risk: 01  
Fire Protection District: Miami Beach, FL 33139  
Distance to Fire Station: 2.125 miles  
Paid or Volunteer: Paid  
Estimated Response Time: 5 min  
Distance to Fire Hydrant: 50 yards  
Available Fire Protection: \_\_\_\_\_

##### REPLACEMENT COST

Appraised Replacement Cost: \$601,596.00  
Depreciated Cost: \$312,830.00  
Replacement Cost w/ Depreciation: \$288,766.00

##### OCCUPANCY & SECURITY

Occupancy Type: Stores or shops  
Fencing: Yes  
External Security: No  
Gated Community: Yes  
Security Patrolled: No

##### NATURAL HAZARDS

Brush/Wildfire: No  
Earthquake: No  
Earth Movement: No  
Slope: Flat  
Hurricane: Yes

##### ADDITIONAL EXPOSURES

Employees: No  
Dogs: No  
Other Pets/Livestock: No  
Home Business Exposure: n/a  
Wood Stoves: No  
Other Exposures: n/a

##### ADDITIONAL COMMENTS



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305 747-9445 Dade

### UNDERWRITING NARRATIVE REPORT

**REPLACEMENT COST:** The appraised replacement cost of \$89.50 is in line with current building cost for this type of construction in this area.

Based on independent pricing research and local knowledge of this area. The structure is average in replacement cost. The structure is a ISO 2 JM , CBS, gflat/built up, 1 level retail building .

### ADDITIONAL STRUCTURES:

| Structures: | SQ.FT. | X | \$/SQ.FT. | = | Estimated Cost: |
|-------------|--------|---|-----------|---|-----------------|
| n/a         |        | X |           | = |                 |
| n/a         |        | X |           | = |                 |
| n/a         |        | X |           | = |                 |

Number of Additional Structures

Combined Total

Percentage of Appraised Coverage "A" Amount

Additional Structures Descriptions, Usage & Hazards: n/a

### OVERALL BUILDING CONDITION:

Building Condition: Good

Roof Cover: Built up

Plumbing, Electrical, HVAC Systems Updates: Plumbing, Electrical & HVAC appears to be in working condition.

Home Under Renovation or Remodeling: No construction was noted at the time of inspection

### ALARM SYSTEM:

Fire Alarm Components, Coverage & Locations: No Standard Fire alarm in building other then smoke detectors

Residential Sprinkler System: No Sprinkler system

### FIRE PROTECTION:

Summary: Standard fire extinguishers on property

Available Water Supply:

City

Access:

### OCCUPANCY:

Type & Extent: Store or shop

### Risk Factor:

Pool: No Pool

Dogs or other live stock: No

Any other risks: n/a



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**\*\*HURRICANE SUPPLEMENT\*\***

**Prepared For:** \_\_\_\_\_  
**Insured:** ARRP Miami LLC  
**Address:** 1100 15th St  
**City, State, Zip:** Miami Beach, FL 33139  
**Policy Number:** \_\_\_\_\_

**Inspection Date:** 01/14/2014  
**Person Interviewed:** Owner  
**Inspected By:** WSP  
**Ordered By:** \_\_\_\_\_  
**Agency:** \_\_\_\_\_

**Risk Location**

Located in Dade County

**Building Construction**

**Year Built:** 1945  
**Construction Type:** ISO 2 JM  
**Number of Stories:** 1  
**Basement Type:** n/a  
**Was the building designed to withstand a category 4 or 5 hurricane?** Yes

**Occupancy**

**Occupancy:** Store or shop  
**Occupied During Hurricane Season?** Yes  
**Occupied By:** Store or shop  
**Occupied By:** n/a  
**Is there a functioning backup generator?** No

**Roof Details**

**Roof Age:** 10  
**Roof Style:** Flat  
**Roof Cover:** Built up

**Glass Openings**

**Are all glass openings protected with shutters and/or impact resistant glass?** No  
**Are skylights present?** No  
**Are there glass openings in the garage doors?** n/a  
**Do garage doors have hurricane bracing?** n/a

**Exterior Exposures**

**Are exterior statues, fountains, sculptures present?** No  
**Are items secured to the ground?** n/a  
**Is there a boat or a yacht?** No

# Commercial Building Valuation Report

Policy : ESTIMATE-439042

1/30/2014

|                |                       |                  |         |
|----------------|-----------------------|------------------|---------|
| <b>INSURED</b> | ARRP Miami LLC        | Effective Date:  |         |
|                | 1100 15th St          | Expiration Date: |         |
|                | Miami Beach, FL 33139 | Cost as of:      | 12/2013 |

|                 |                       |
|-----------------|-----------------------|
| <b>BUILDING</b> | ARRP Miami LLC        |
|                 | 1100 15th St          |
|                 | Miami Beach, FL 33139 |

## Location Adjustments

|                   |                     |
|-------------------|---------------------|
| Climatic Region:  | 1 - Warm            |
| High Wind Region: | 2 - Moderate Damage |
| Seismic Zone:     | 0 - No Damage       |

## SECTION 1

### SUPERSTRUCTURE

|                       |                              |                       |        |
|-----------------------|------------------------------|-----------------------|--------|
| Occupancy:            | 100% Store or Shop, General  | Story Height:         | 16 ft. |
| Construction Type:    | 100% Joisted Masonry (ISO 2) | Number of Stories:    | 1      |
| Gross Floor Area:     | 6,722 sq. ft.                | Irregular Adjustment: | None   |
| Construction Quality: | 2 - Average                  |                       |        |

### Adjustments

|                        |                  |                |                     |            |      |
|------------------------|------------------|----------------|---------------------|------------|------|
| Depreciation:          | 48%              | Effective Age: | 40 years            | Condition: | Good |
| Hillside Construction: | Degree of Slope: | Level          | Site Accessibility: | Excellent  |      |
|                        | Site Position:   | Unknown        | Soil Condition:     | Excellent  |      |

### Fees

|                      |                 |
|----------------------|-----------------|
| Architect Fees:      | 7% is included  |
| Profit and Overhead: | 20% is included |

## SUMMARY OF COSTS

### Reconstruction

### Exclusion

### SUPERSTRUCTURE

|                                                        |         |        |
|--------------------------------------------------------|---------|--------|
| Site Preparation                                       |         | 1,318  |
| Foundations                                            | 33,675  | 19,777 |
| Foundation Walls, Interior Foundations, Slab On Ground |         |        |
| Exterior                                               | 230,394 |        |
| Framing, Exterior Wall, Structural Floor, Roof         |         |        |
| Interior                                               | 107,888 |        |
| Floor Finish, Ceiling Finish, Partitions               |         |        |
| Mechanicals                                            | 195,789 | 3,315  |

MS/B costs include labor and material, normal profit and overhead as of date of report. Costs represent general estimates which are not to be considered a detailed quantity survey. These costs include generalities and assumptions that are common to the types of structures represented in the software.

# Commercial Building Valuation Report

Policy : ESTIMATE-439042

1/30/2014

Heating, Cooling, Fire Protection, Plumbing, Electrical, Elevators

Built-ins

33,851

## SUBSTRUCTURE

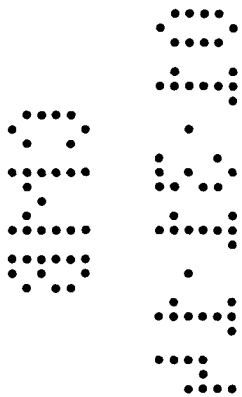
|                           |                  |                 |
|---------------------------|------------------|-----------------|
| <b>TOTAL RC SECTION 1</b> | <b>\$601,596</b> | <b>\$24,410</b> |
|---------------------------|------------------|-----------------|

|                  |                                                               |                  |                 |
|------------------|---------------------------------------------------------------|------------------|-----------------|
| <b>TOTAL ACV</b> | Depreciated Cost<br>(52%) Age & Condition-69 years old & Good | <b>\$312,830</b> | <b>\$12,693</b> |
|------------------|---------------------------------------------------------------|------------------|-----------------|

|                          |                       |                  |                 |
|--------------------------|-----------------------|------------------|-----------------|
| <b>TOTAL RC BUILDING</b> | <b>ARRP Miami LLC</b> | <b>\$601,596</b> | <b>\$24,410</b> |
|--------------------------|-----------------------|------------------|-----------------|

|                  |                  |                 |
|------------------|------------------|-----------------|
| <b>TOTAL ACV</b> | <b>\$312,830</b> | <b>\$12,693</b> |
|------------------|------------------|-----------------|

|                              | Reconstruction   | sq. ft.      | \$/sq. ft.     | Depreciated      |
|------------------------------|------------------|--------------|----------------|------------------|
| <b>VALUATION GRAND TOTAL</b> | <b>\$601,596</b> | <b>6,722</b> | <b>\$89.50</b> | <b>\$312,830</b> |



MS/B costs include labor and material, normal profit and overhead as of date of report. Costs represent general estimates which are not to be considered a detailed quantity survey. These costs include generalities and assumptions that are common to the types of structures represented in the software.

# Commercial Building Valuation Report

Policy : ESTIMATE-439042

1/30/2014

**INSURED**

ARRP Miami LLC  
1100 15th St  
Miami Beach, FL 33139

Effective Date:

Expiration Date

Cost as of: 12/2013

| <b>BUILDING: SUPERSTRUCTURE</b>        | <b>Reconstruction</b> | <b>sq. ft.</b> | <b>\$/sq. ft.</b> | <b>Depreciated</b> |
|----------------------------------------|-----------------------|----------------|-------------------|--------------------|
| Section 1: 100% Store or Shop, General | \$601,596             | 6,722          | \$89.50           | \$312,830          |

| <b>BUILDING: SUBSTRUCTURE</b> | <b>Reconstruction</b> | <b>sq. ft.</b> | <b>\$/sq. ft.</b> | <b>Depreciated</b> |
|-------------------------------|-----------------------|----------------|-------------------|--------------------|
| SECTION 1:                    | \$0                   | 0              | \$0.00            | \$0                |

| <b>Section Totals</b>                  | <b>Reconstruction</b> | <b>sq. ft.</b> | <b>\$/sq. ft.</b> | <b>Depreciated</b> |
|----------------------------------------|-----------------------|----------------|-------------------|--------------------|
| SECTION 1: 100% Store or Shop, General | \$601,596             | 6,722          | \$89.50           | \$312,830          |

|                                       |                  |              |                |                  |
|---------------------------------------|------------------|--------------|----------------|------------------|
| <b>BUILDING TOTAL, ARRP Miami LLC</b> | <b>\$601,596</b> | <b>6,722</b> | <b>\$89.50</b> | <b>\$312,830</b> |
|---------------------------------------|------------------|--------------|----------------|------------------|

**BUILDING INSURANCE SUMMARY**

|                                      |                  |              |                |                  |
|--------------------------------------|------------------|--------------|----------------|------------------|
| <b>100% Co-insurance Requirement</b> | <b>\$601,596</b> |              |                | <b>\$312,830</b> |
| <b>VALUATION GRAND TOTAL</b>         | <b>\$601,596</b> | <b>6,722</b> | <b>\$89.50</b> | <b>\$312,830</b> |

MS/B costs include labor and material, normal profit and overhead as of date of report. Costs represent general estimates which are not to be considered a detailed quantity survey. These costs include generalities and assumptions that are common to the types of structures represented in the software.

# City of Miami Beach

## Minimum Requirements for Non-licensed Commercial Residential and Commercial Nonresidential Inspections/Valuations

### **Certification**

Name of the firm or key personnel completing the inspection/valuation:

Tri-County Engineering & Inspections, Inc

I, W Scott Pluto, certify that I, or the entity listed above, have/has at least three years experience in the field of commercial property inspections, commercial risk assessment, and commercial property replacement cost evaluation.

Date 01/14/2014 Position Senior Appraiser/Inspector

License # (if applicable): CGC1507049

### **Property**

Property Owner's Name ARRP Miami LLC

Property Address 1100 15th St

City

State, Zip Miami Beach, FL 33139

### **Valuation Requirements**

- Inspections must include an estimate of the replacement cost for every structure to be covered.
- The method used to determine the cost of rebuilding the structures must be the current version of the calculation system. The system and version must be clearly indicated on the valuation documentation.
- Inspections must also include clear photographs of any building and ancillary structure the applicant/policyholder wishes to insure:
  - Main structure
  - Pools
  - Docks, etc.
- If multiple buildings are identical, or nearly so, representative photographs may be used.
- Photographs of any existing damage must also be included.

### Valuation Information

- Year of construction 1945
- Total number of units 6
- Number of owner-occupied units 0
- Number of units rented on a long-term lease of 12 months or more 6
- Number of units rented on a daily, weekly, or monthly basis 0
- Number of units with time share occupancy 0
- What is the distance to tidal water? 0.5 miles +/-

### To be completed for each building

Identify the building being inspected 1100 15th St

Total square footage 6,722

What is the overall condition of the structure? Excellent Good Fair Poor



Give a detailed description of the following characteristics:

- Year of construction 1945
- Number of stories 1
- Size of units Varies
- Construction analysis of the:
  - Floors Concrete slab
  - Walls CBS
  - Roof Wood rafters with a wood deck
- Common area floor coverings Concrete
- Foundation type Slab
- Roof type Built up
- Roof shape Flat
- Any customized features and materials (e.g. custom countertops, marble tile, etc)  
n/a
- Diagram of square footage on a separate page

Give a detailed description and condition of the following items:

- Fire places No Fireplaces were note
- Porches No Porches was noted
- Decks No Decks were noted
- Balconies No Balconies were noted

List the type and condition of all ancillary structures on the property, including buildings, pools, etc.

Store or shop

Are there any business exposures?



Yes



No

If Yes, describe the exposure and square footage of the area. Pizza store

Are there any cooking exposures beyond what would normally be expected in a residential unit?

☒

Yes

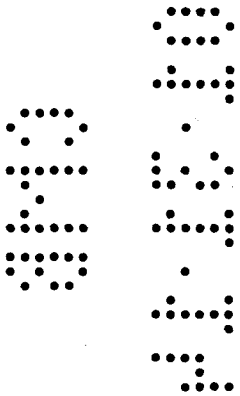
No

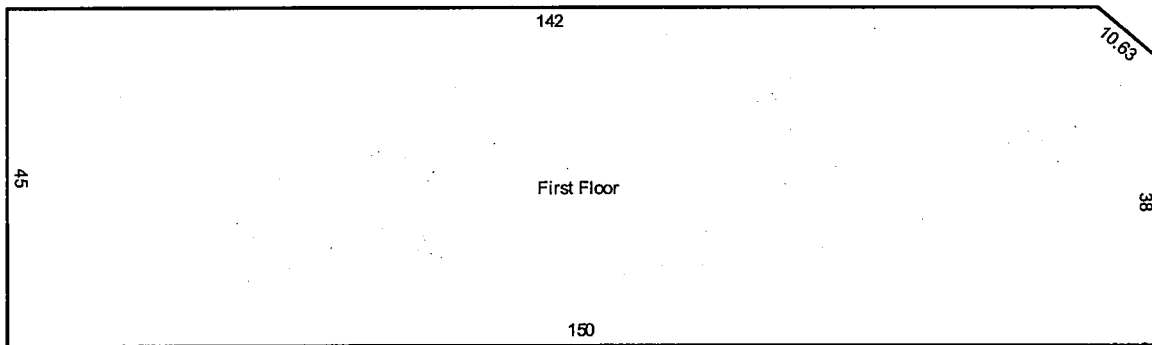
☐

If Yes, describe the exposure.

Pizza store

Describe any other property or liability hazards n/a

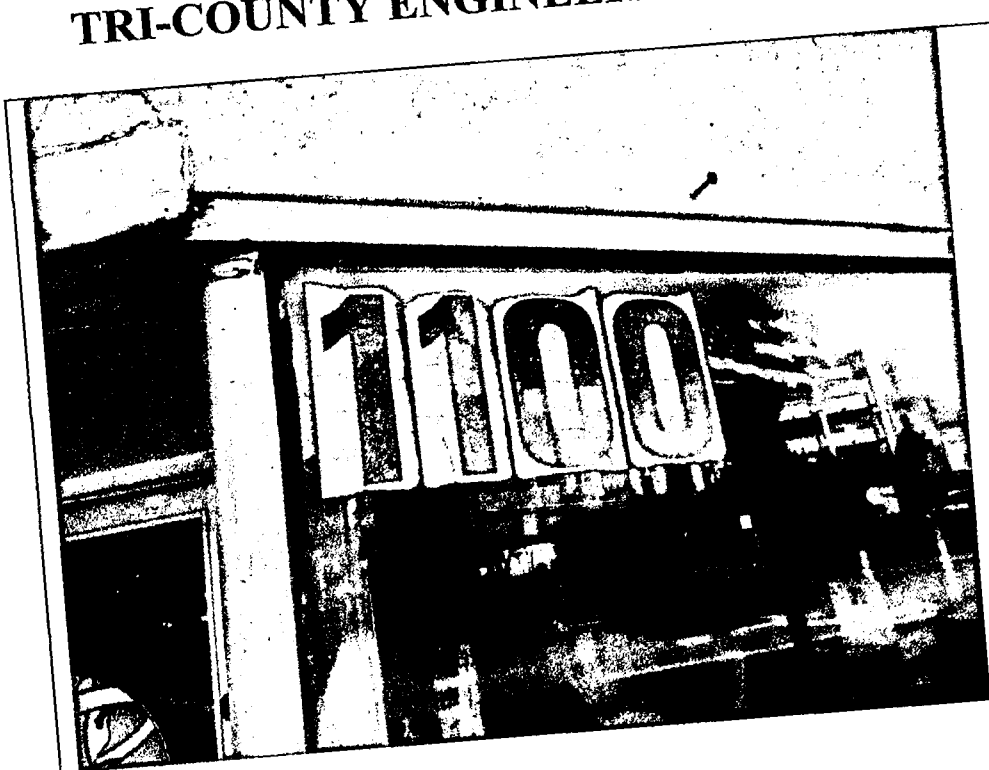




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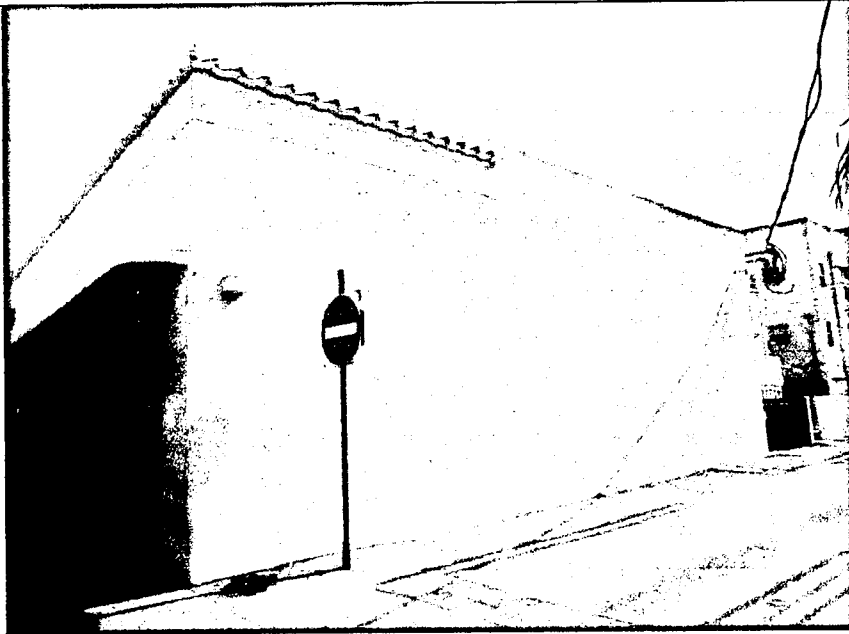
| Calculation                                            |                   |         |                                                                                                                                         |
|--------------------------------------------------------|-------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------|
|                                                        |                   | Summary | Detail                                                                                                                                  |
| <div> <div>A3</div> <div>A1</div> <div>A2</div> </div> | Living Area       |         | Living Area                                                                                                                             |
|                                                        | First Floor       | 6722.0  | First Floor 6722.0                                                                                                                      |
|                                                        | Total Living Area | 6722.0  | A1: $1/2 \times 8.0 \times 7.0 = 28.0$<br>A2: $8.0 \times 38.0 = 304.0$<br>A3: $45.0 \times 142.0 = 6390.0$<br>Total Living Area 6722.0 |
|                                                        |                   |         |                                                                                                                                         |
| Grand Total                                            |                   |         |                                                                                                                                         |
| Living Area                                            | 6722.0            |         |                                                                                                                                         |
| Garage Area                                            |                   |         |                                                                                                                                         |
| Porch Area                                             |                   |         |                                                                                                                                         |
| Patio/Deck Area                                        |                   |         |                                                                                                                                         |
| Misc. Area                                             |                   |         |                                                                                                                                         |
| Basement Area                                          |                   |         |                                                                                                                                         |
| Storage Area                                           |                   |         |                                                                                                                                         |
| Lot Area                                               |                   |         |                                                                                                                                         |

# TRI-COUNTY ENGINEERING & INSPECTIONS



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**305/747-9445 954/767-5955 561/880-7930**

# TRI-COUNTY ENGINEERING & INSPECTIONS

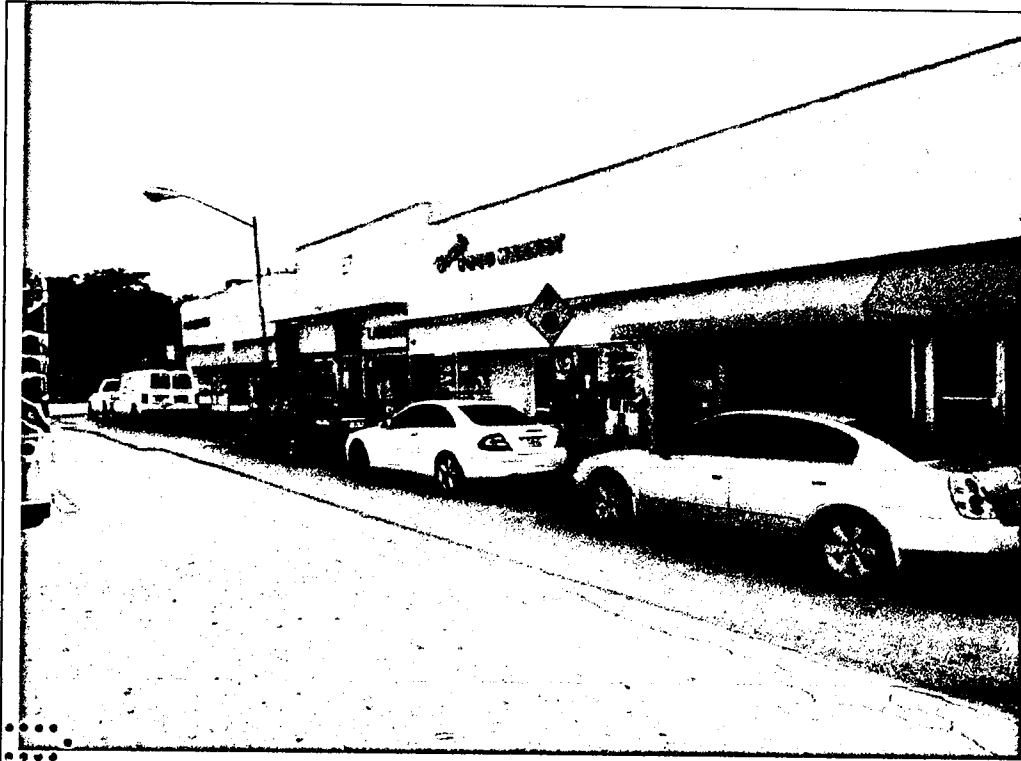


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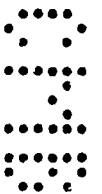
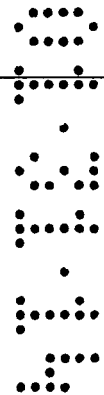
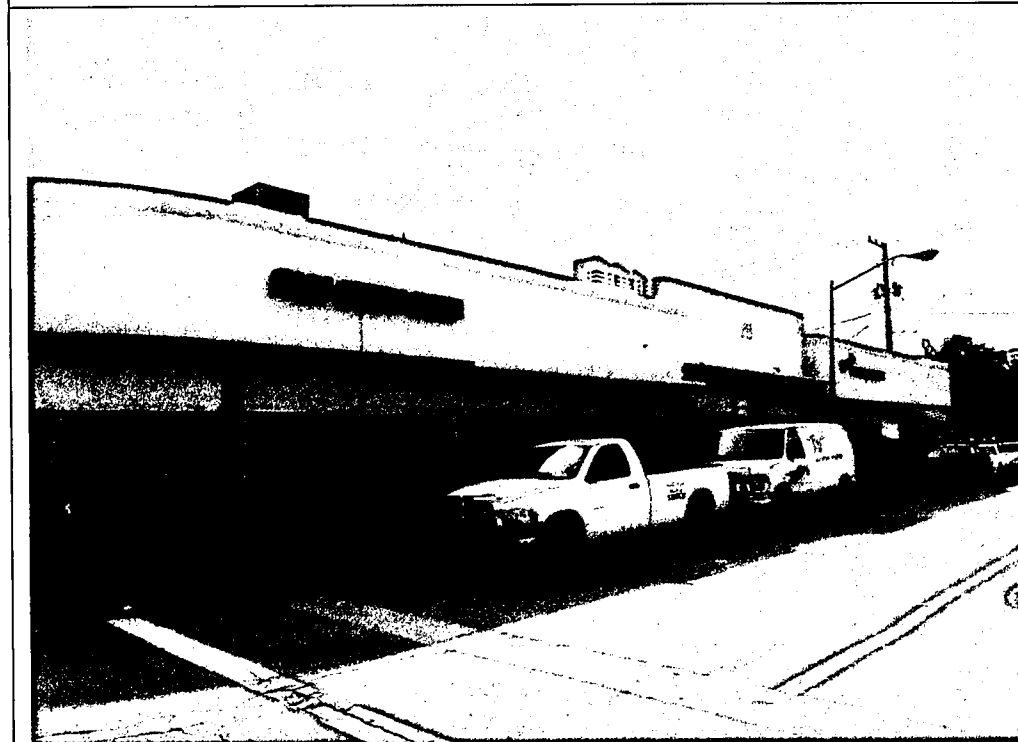
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**305/747-9445 954/767-5955 561/880-7930**

# TRI-COUNTY ENGINEERING & INSPECTIONS



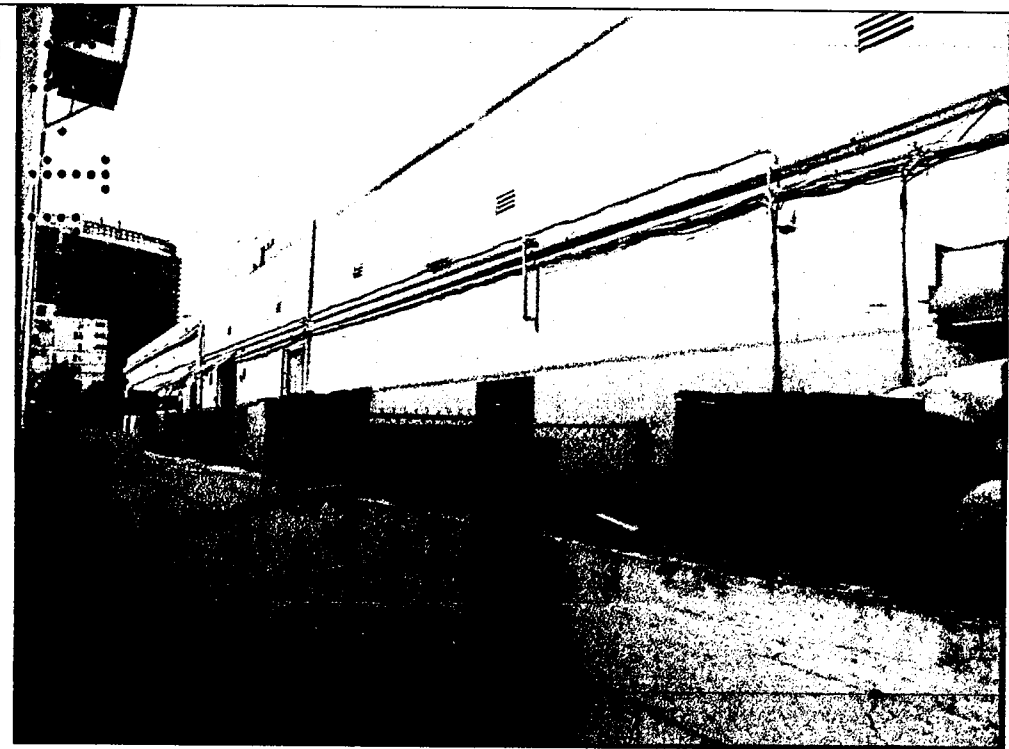
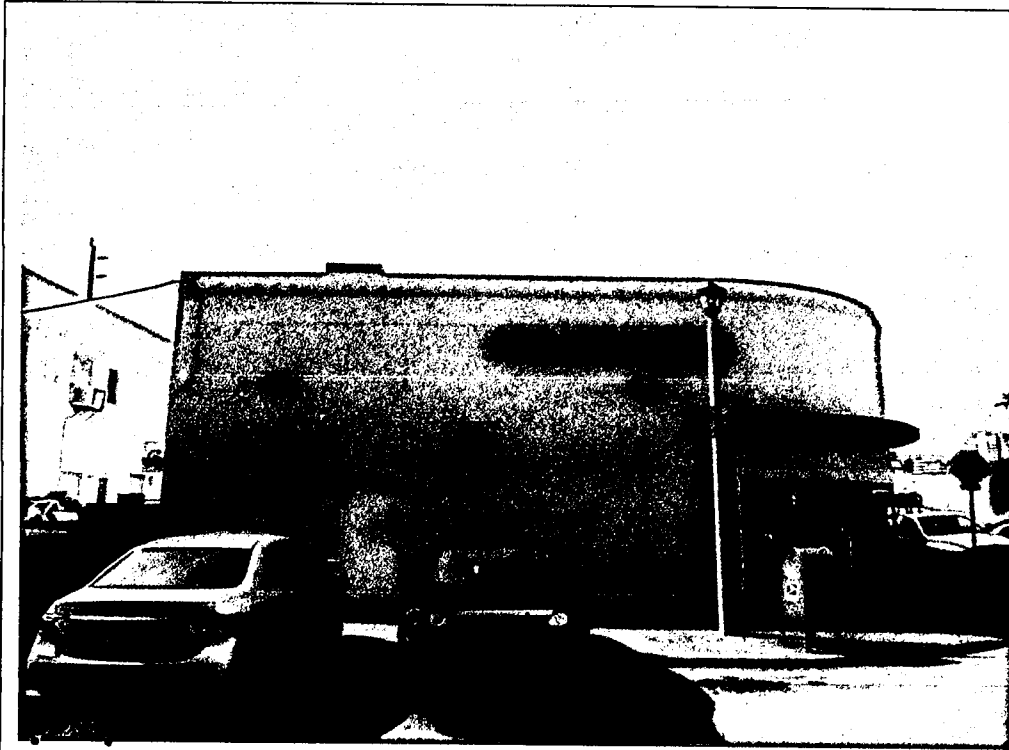
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**305/747-9445 954/767-5955 561/880-7930**

## GENERAL UNDERLYING ASSUMPTIONS

### Legal Matters:

- The legal description used in this report is assumed to be correct, but it may not necessarily have been confirmed by survey. No responsibility is assumed in connection with a surveyor for encroachments or overlapping or other discrepancies that might be revealed thereby. Any sketches included in the report are only for the purpose of aiding the reader in visualizing the property and are not necessarily a result of a survey.
- No responsibility is assumed for an opinion of legal nature, such as to ownership of the property or condition of title.
- The inspectors assume the title to the property to be marketable; that, unless stated to the contrary, the property is appraised as an unencumbered fee, which is not used in violation of acceptable ordinances, statutes or other governmental regulations.

### Unapparent Conditions:

- The inspectors assume that there are no hidden or unapparent conditions of the property, subsoil or structures which would render it more or less valuable than otherwise comparable property. The inspectors are not experts in determining the presence or absence of hazardous substances, defined as all hazardous or toxic materials, waste, pollutants or contaminants (including, but not limited to, asbestos, PCB, UFFI, or other raw materials or chemicals) used in construction or otherwise present on the property.
- The inspectors assume no responsibility for the studies or analysis, which would be required to conclude the presence or absence of such substances or for loss as a result of the presence of such substances. The client is urged to retain an expert in this field, if desired. The value estimate is based on the assumption that the subject property is not so affected.

### Information and Data:

- Information, estimates and other data furnished to the inspectors and contained in the report, were obtained from sources considered reliable and believed to be true and correct. However, no responsibility for accuracy of such items furnished the inspectors can be assumed by the inspectors.
- All mortgages, liens, encumbrances, and servitude have been disregarded unless so specified within the report. The subject property is estimated as though under responsible ownership and competent management.

### Zoning and Licenses:

- It is assumed that all applicable zoning and use regulations and restrictions have been complied with, unless a nonconforming use has been stated, defined and considered in the valuation.
- It is assumed that the subject property complies with all applicable federal, state and local environmental regulations and laws unless noncompliance is stated, defined and considered in the valuation.
- It is assumed that the information relating to the location of or existence of public utilities that has been obtained through a verbal inquiry from the appropriate utility authority, or has been ascertained from visual evidence is correct. No warranty has been made regarding the exact location or capacities of public utility systems.
- It is assumed that all licenses, consents or other legislative or administrative authority from local, state or national governmental or private entity or organization have been, or can be, obtained or renewed for any use on which the value estimate contained in the valuation report is based.

## ASSUMPTIONS AND LIMITED CONDITIONS FOR REPLACEMENT COSTS

### Insurable Value:

- Insurable value typically refers to the building improvement reproduction costs less the costs of those items which do not need to be duplicated in the event of destruction. In addition to all site improvements, those items include foundation, certain indirect costs, etc.
- The Users of this report are cautioned, however, that the inspectors are not Insurance Inspectors or Casualty Underwriters. Typically, it is our observation that lenders require Insurance in the amount of the Insurable Value or Loan Amount, whichever is higher. We suggest that if the Users have concerns regarding the Insurable Value estimated herein, an Insurance Adjuster or other expert be consulted.
- We have not been provided a copy of the insurance policy, and have no knowledge of its inclusion or exclusions. Further, we have not been provided the insurance agent's identity of information regarding their policies in placing coverage, and have had no discussions with them. Therefore, any further placing of coverage will be without our input. We therefore assume no responsibility for the amount of insurance coverage placed, or the subject's "Insurable Value."
- The inspectors assume no liability for the Insurable Value estimate provided and does not guarantee that any estimate will result in the subject property being fully insured for any possible loss that may be sustained. The inspector recommends that an insurance professional be consulted, in addition to this estimate of Insurable Value. The Insurable Value estimate may not be a reliable indication of replacement or reproduction cost for any date other than the effective date of this report due to changing costs of labor and materials and due to changing building codes and governmental regulations and requirements.

### PURPOSE OF THE REPORT:

- The purpose of this report is to provide the inspector's best estimate for a replacement cost estimate for the subject real property as of the date of inspection above. See Assumptions And Limiting Conditions Above.

### REPLACEMENT COST

- Replacement cost is provided, not insurable value, since the inspector does not have a copy of the subject's insurance policy. Each policy is different, and has specific inclusions and exclusions of various items. Secondly the inspectors are not a professional construction cost estimator, and must rely on currently available published cost estimated sources such as the Marshall and Swift for data. Lastly, replacement costs for the subject property may be significantly higher after natural disasters.

### Intended Use of Report:

- The intended use of this report is to assist in determining a replacement cost for the subject.

### Estimate Development and Reporting Process

In preparing this report, the inspector did:

1. Inspect the exterior of the improvements.
2. Researched the cost data, which could be applied to the subject building.
3. Applied the cost data to arrive at the estimated replacement cost.

### Description of Real Estate Estimated:

- The inspector inspected the Subject property of this report which is improved with a structure. An exterior inspection was made of the improvements. The inspector took measurements at the time of inspection. Construction quality was noted by observation. The inspector has relied on measurements taken during the inspection and compared with those figures found in the tax roll. We utilized the RSMMeans e2value to determine the replacement cost.

### Legal

- This insurance inspection report is based on the data collected on the inspection date. No consideration has been given to material premiums and additional items needed to conform to building codes, ordinances; or demolition in connection with reconstruction or the removal of destroyed risk items. **The values of the land and site improvements have not been included.** No responsibility is assumed for legal matters, questions of survey, opinions of title, soil or sub-soil conditions, engineering or other technical matters. **This report is NOT a Real Estate Appraisal. Insurance report only**
- It is the responsibility of the insured to obtain a legal opinion and interpretation of association documents as to adherence to Florida insurance statutes.
- This insurance inspection report is not a guarantee or warranty of any kind. We do not assume any liability for damages which may result from this report. We are not responsible for conditions this report fails to disclose. The report is valid for one year. This insurance inspection report should be updated at least once a year.
- Neither our employment nor our compensation in connection with this report is in anyway contingent upon the conclusions reached; this report sets forth all the assumptions and limiting conditions affecting the analysis, insurable analysis and conclusions contained herein; **Tri-County Engineering & Inspections, Inc.**, makes no warranties or representations regarding the insurance report conclusions found in this report.
- The authors of this report shall not be required to give testimony or appear in court or at any administrative proceeding relating to this inspection report. The conclusions in this insurance inspection report utilize acceptable insurance methods only. The Association, by accepting this insurance report, agrees to release TCE&I from any claims, demands or damages. The insured, in consideration of TCE&I performing the insurance analysis report, hereby agrees to indemnify, defend and hold harmless **Tri-County Engineering & Inspections, Inc.** from and against any and all liability, damages, losses, claims, demands or lawsuits arising out of or relating to this insurance analysis report. Acceptance of and use of this report constitutes acceptance of the above statements.

## Certification

- I hereby certify that to the best of my knowledge and belief, and except as otherwise noted in this report:
- The statements of fact contained in this report are believed to be true and correct.
- The reported analyses, and conclusions are limited only by the reported assumptions and limiting conditions and are my personal, unbiased, professional analyses and conclusions.
- I have no present or prospective interest in the property that is the subject of this report, and I have no personal interest or bias with respect to the parties involved.
- This replacement cost estimate assignment was not based on a requested minimum valuation, a specific valuation, or the approval of a loan.
- Neither the replacement cost estimate assignment nor our compensation is contingent upon the reporting of a predetermined value or direction in value that favors the cause of the client, the amount of the value estimate, the attainment of a stipulated result, or the occurrence of a subsequent event.
- No person, unless so stated, provided significant professional assistance to the person signing this report.
- Tri-County Engineering & Inspections, Inc. certifies that we meet or exceed Citizens Property Insurance Standards for the execution of Replacement Cost Estimates.

I, **William Scott Pluto**, certify that **or Tri-County Engineering & Inspections, Inc.** have/has at least five (5) years experience in the field of commercial property inspections, commercial risk assessment, and commercial property replacement cost evaluation.



William Scott Pluto CGC  
Tri-County Engineering & Inspections, Inc.  
Senior Appraiser  
Certified General Contractor  
CGC1507049



# MIAMI BEACH

## BUILDING DEPARTMENT

1700 Convention Center Drive, 2<sup>nd</sup> Floor

Miami Beach, FL 33139

Phone: (305) 673-7610 Fax: (305) 673-7857

### Owner/ Qualifier / Contractor Estimate Construction Cost Affidavit (To be submitted for the main/master permits or the stand alone permits)

Permit Number: B 1401230

Date: 1 / 13 / 14

Job Address: 1100 15 ST

Folio No.: 32 340180680

The construction cost should include the work under the main Permit and all associated permits.

#### Part I: FEMA 50% Related Construction Cost

Items to be excluded from Estimate Construction Cost for Part I (FEMA 50% Related Construction Cost):

*Plan and Specification, Survey Cost, Permit Fees, Swimming Pools, detached structures (garages, storages, cabanas), Landscaping, Fences, Yard light, Not Built-ins Appliances and Furniture.*

| Estimated Construction Cost                                     | General Contractor Cost | Owner Cost |
|-----------------------------------------------------------------|-------------------------|------------|
| Demolition & Removal                                            |                         |            |
| Building & Structural Elements                                  |                         |            |
| Roofing                                                         |                         |            |
| Doors & Windows                                                 | \$ 90' 000              | \$ 90' 000 |
| Railing                                                         |                         |            |
| Interior Finish, Floor Covering, Painting                       |                         |            |
| Cabinets and Furniture-Built-Ins                                |                         |            |
| Appliances-Built-Ins                                            |                         |            |
| Other Building related Items                                    |                         |            |
| Electrical including Fixtures                                   |                         |            |
| Elevator                                                        |                         |            |
| Mechanical-HVAC-equipments                                      |                         |            |
| Plumbing including Fixtures                                     |                         |            |
| Overhead and Profit                                             |                         |            |
| Sub Total Construction Cost                                     | \$ 90' 000              | \$ 90' 000 |
| Sub Total Construction Cost Estimate for FEMA 50% Rule Purposes | \$                      |            |



# MIAMI BEACH

## BUILDING DEPARTMENT

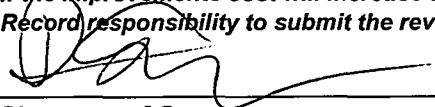
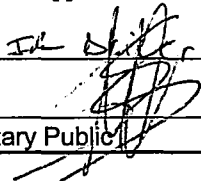
1700 Convention Center Drive, 2<sup>nd</sup> Floor

Miami Beach, FL 33139

Phone: (305) 673-7610 Fax: (305) 673-7857

| Part II: Non Related FEMA 50% Construction Cost                     |                         |            |
|---------------------------------------------------------------------|-------------------------|------------|
| Estimated Construction Cost                                         | General Contractor Cost | Owner Cost |
| Swimming Pools                                                      |                         |            |
| Fences, Pavers, Sidewalks, Site Improvements                        |                         |            |
| Yard Light                                                          |                         |            |
| Other and detached: garages, storage and cabanas                    |                         |            |
| Sub Total Cost                                                      | \$                      | \$         |
| Sub Total Construction Cost Estimate for non FEMA 50% Rule Purposes | \$                      |            |

| Part III: Total Construction Cost (Note: The construction cost will be validated by Plan Examiners) |           |
|-----------------------------------------------------------------------------------------------------|-----------|
| Estimated Construction Cost                                                                         |           |
| Sub Total Construction Cost Estimate for FEMA 50% Rule Purposes-Part I                              | \$ 90,000 |
| Sub Total Construction Cost Estimate for Non FEMA 50% Rule Purposes- Part II                        | \$        |
| Total Construction Cost Estimate. (Add Part I and Part II of Construction Cost)                     | \$ 90,000 |

| Part IV: Signature Required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>If the improvements cost will increase at any point during the proposed construction, It is Owner and the Contractor of Record responsibility to submit the revised improvements cost to the Building Department for review and approval.</p> <p><br/>           Signature of Owner</p> <p>STATE OF FLORIDA<br/>           COUNTY OF <u>Dade</u></p> <p>Sworn to and Subscribed before me this <u>13</u> day of <u>9</u> 20 <u>14</u>, by:</p> <p>[ ] Personally known [x] Produced Identification - Type of Identification <u>IL</u></p> <p><br/>           Signature of Notary Public</p> |

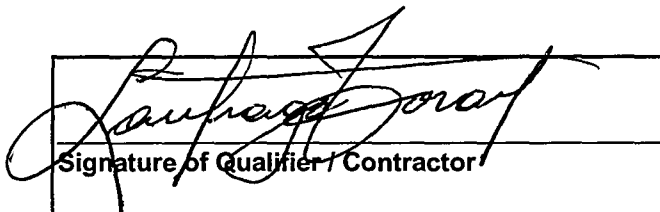




# MIAMI BEACH

## BUILDING DEPARTMENT

1700 Convention Center Drive, 2<sup>nd</sup> Floor  
Miami Beach, FL 33139  
Phone: (305) 673-7610 Fax: (305) 673-7857

  
Signature of Qualifier/Contractor

STATE OF FLORIDA

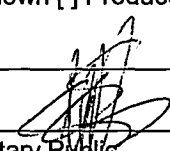
COUNTY OF Dade

Sworn to and Subscribed before me this 13 day of April 20 14, by:

☒ Personally known ☐ Produced Identification - Type of

Identification Notary Public



  
Signature of Notary Public

### Part V: Building Department Use Only

|   |                                                                  |    |                       |
|---|------------------------------------------------------------------|----|-----------------------|
| A | Sub Total Construction Cost Estimate for FEMA 50% Rule Purposes. | \$ | 90,000 <sup>00</sup>  |
| B | Over Five Year Improvements                                      | \$ | 47,000 <sup>00</sup>  |
| C | Total Improvements                                               | \$ | 137,000 <sup>00</sup> |
| D | Building Tax Assessed Value                                      | \$ | 289,116 <sup>00</sup> |
| E | Building Appraised Market Value                                  | \$ | 288,766 <sup>00</sup> |
| F | Improvements Cost Ratio (C/E or C/D)                             | %  | 47.42%                |

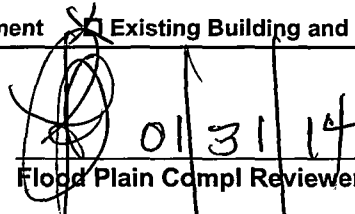
If improvements cost exceed 40% of the Building Tax Value, a building appraised market Value is required for evaluation of Improvement Cost Ratio.

Check one box:

☐ New Construction and Substantial Improvement

☒ Existing Building and Non Substantial Improvement

  
Flood Plain Compliance Reviewer

 01/31/14  
Flood Plain Compl Reviewer signature and date

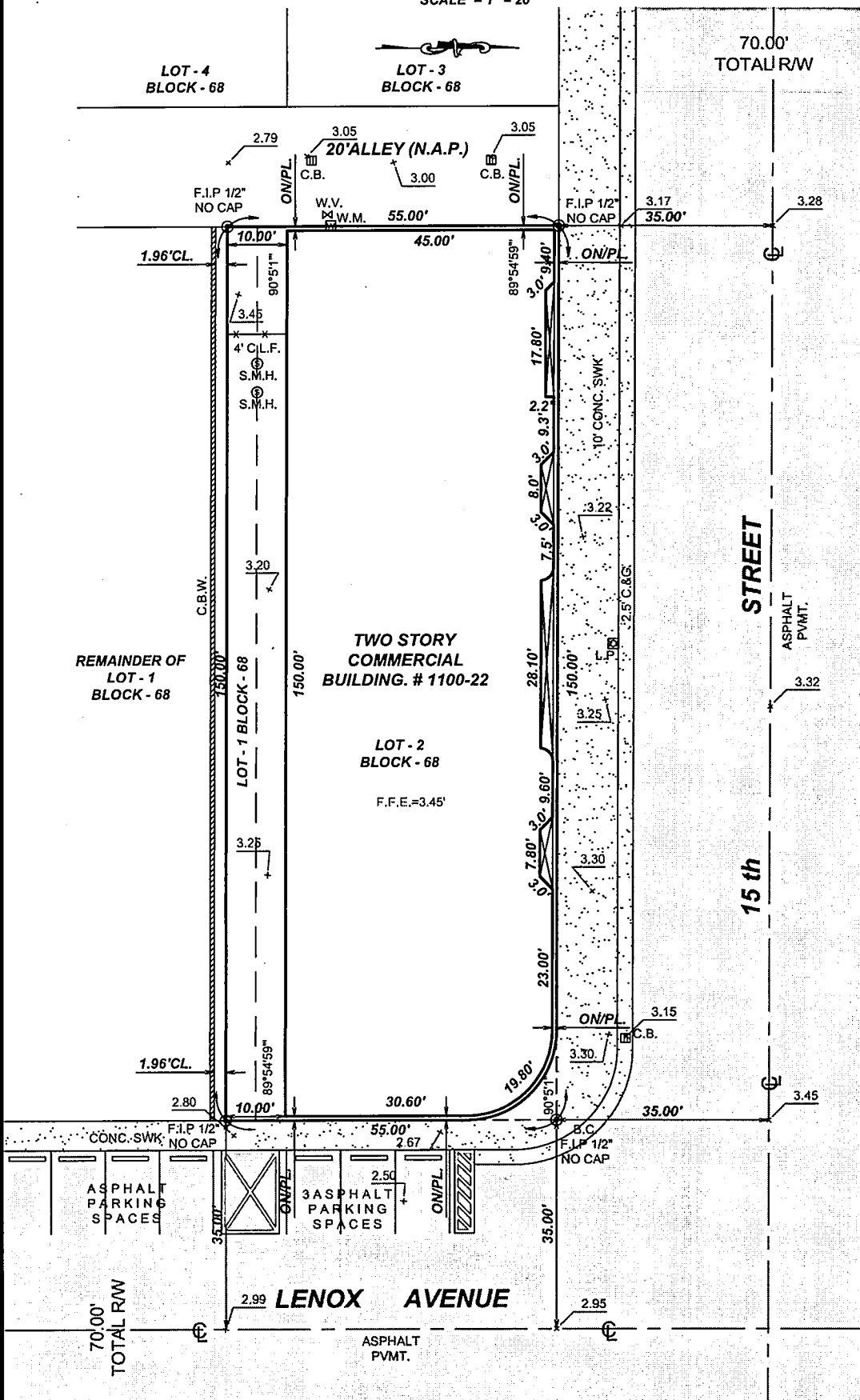
Note: Over \$1,000,000.00 Improvements Cost requires Chief Flood Plan Compliance Division Approval, over \$50,000,000.00 Improvements Cost requires Building Director Approval.

Name

Signature and Date

## BOUNDARY SURVEY

SCALE = 1" = 20'



### SURVEYOR'S NOTE:

- There may be Easements recorded in the Public Records not shown on this Survey.
- The purpose of this Survey is for use in obtaining Title Insurance and Financing and should not be used for Construction purposes.



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Enviralum Industries, Inc.  
5100 NW 72<sup>nd</sup> Avenue  
Miami, FL 33166

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (in Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** Series "ENV-350" Outswing Aluminum Entrance Door - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. W12-30, titled "Series ENV-350 Outswing Entrance Door

(L.M.I.)", sheets 1 through 10 of 10, dated 06/08/12, with revision A dated 08/23/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING:** Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



*MP*  
9/14/12

NOA No. 12-0706.05

Expiration Date: September 17, 2017

Approval Date: September 17, 2012

Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W12-30**, titled "Series ENV-350 Outswing Entrance Door (L.M.I.)" sheets 1 through 10 of 10, dated 06/08/12, with revision A dated 08/23/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS**

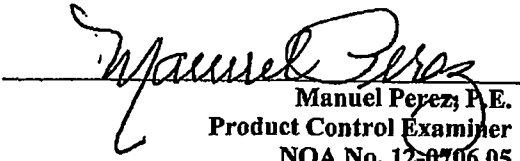
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94  
5) Large Missile Impact Test per FBC, TAS 201-94  
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an outswing aluminum double entrance door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6920**, dated 05/19/12, signed and sealed by Marlin D. Brinson, P.E. with addendum letters dated 09/06/12 and 09/12/12, signed by Manny Sanchez, CEO
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Drop Test per ANSI Z97.1-2009  
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6678**, dated 03/20/12, and addendum letter dated 08/23/12, all signed and sealed by Marlin D. Brinson, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2010, prepared by Al-Farooq Corporation, dated 06/18/12 and 09/14/12, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E1300-04

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 12-0706.05  
Expiration Date: September 17, 2017  
Approval Date: September 17, 2012

**Enviralum Industries, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS**

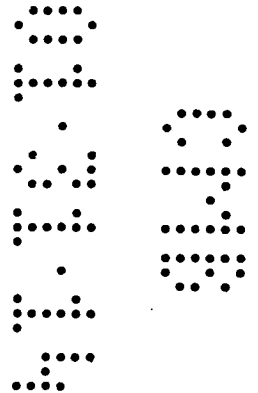
1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **11-0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 09/08/11, expiring on 12/11/16.

**F. STATEMENTS**

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated June 28, 2012, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Testing Proposal No. **10-1236** issued by Product Control, dated 12/20/10, revised on 01/05/11, signed by Manuel Perez, P.E.

**G. OTHER**

1. None.



  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 12-0706.05  
Expiration Date: September 17, 2017  
Approval Date: September 17, 2012

| INDEX OF DRAWING |                                                                 |
|------------------|-----------------------------------------------------------------|
| SHEET NO.        | DESCRIPTION                                                     |
| 1                | COVER PAGE, GENERAL NOTES, GLAZING DETAILS                      |
| 2                | SINGLE & DOUBLE DOORS TYP. ELEVATIONS & CAPACITY                |
| 3                | SINGLE & DOUBLE DOORS WITH TRANSOM, ELEVATIONS & CAPACITY CHART |
| 4                | LOCK OPTIONS & LIMITATIONS                                      |
| 5                | HORIZONTAL RAILS, HEAD/SILL DETAILS & TYPICAL ANCHORS           |
| 6                | VERTICAL STILES, JAMB DETAILS                                   |
| 7                | TRANSOM HEAD/SILL/JAMB DETAILS                                  |
| 8                | PARTS DRAWINGS                                                  |
| 9                | BILL OF MATERIALS & HINGE OPTIONS                               |
| 10               | CORNER CONSTRUCTION DETAILS                                     |

## SERIES ENV-350

### ALUMINUM OUTSWING ENTRANCE DOOR

DOORS NOT APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

THESE DOORS MAY BE USED IN CONJUNCTION WITH MIAMI-DADE COUNTY APPR'D LARGE MISSILE IMPACT RESISTANT STOREFRONT SYSTEM. LOWER DESIGN PRESSURE FROM DOOR OR STOREFRONT APPROVAL WILL APPLY TO ENTIRE SYSTEM.

CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

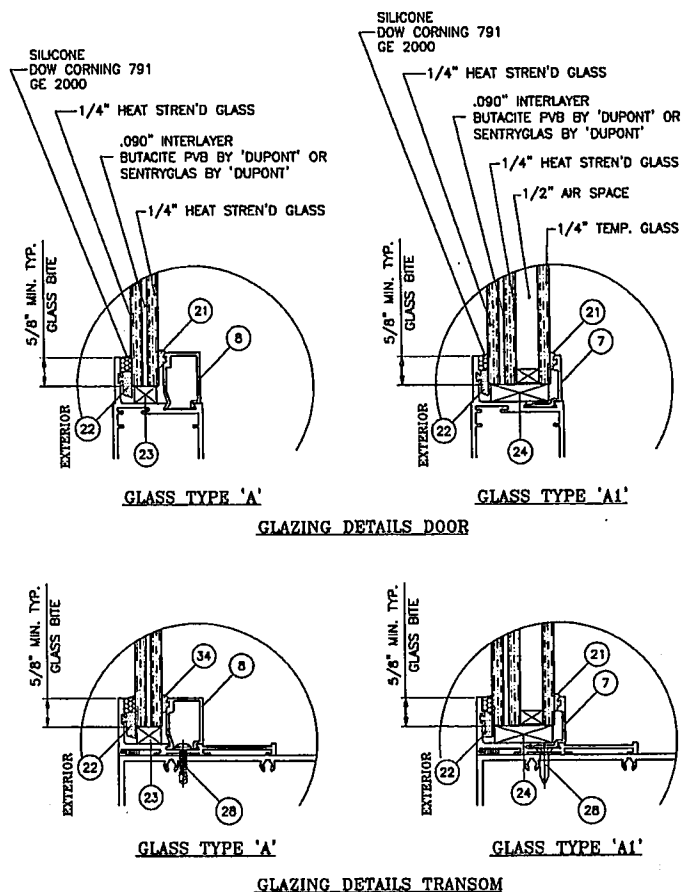
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

### INSTRUCTIONS:

USE DRAWING AS FOLLOWS.

1. SELECT SINGLE OR DOUBLE DOORS FROM SHEET 2 OR SINGLE OR DOUBLE DOORS WITH TRANSOM FROM SHEET 3.
2. SELECT DOOR AND FRAME SIZE.
3. DETERMINE Dp RATING FROM SHEET 2 OR 3.
4. SELECT GLASS TYPE A OR A1 FROM SHEET 1.
5. SELECT LOCK OPTION AND CORRESPONDING MAX. DESIGN LOAD FROM SHEET 4.
6. SELECT ANCHORING CONDITION AND CORRESPONDING ANCHOR TYPE AND NUMBER OF ANCHORS FROM SHEET 5.
7. SELECT JAMB OPTIONS FROM SHEET 6.
8. SELECT HINGE OPTION FROM SHEET 9.
9. DETERMINE FINAL DESIGN PRESSURE FOR THE SYSTEM, TAKEN AS THE LOWEST OF ALL Dp VALUES OBTAINED.



DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

Engr. JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3535

SEP 14 2012

Approved as complying with the  
Florida Building Code  
Date: SEP 17 2012  
NOAH 12-0106-03  
Miami Dade Product Control  
By: Mamuel Perez

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12335 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX (305) 262-8978  
COMP-ANL\W12-30EN

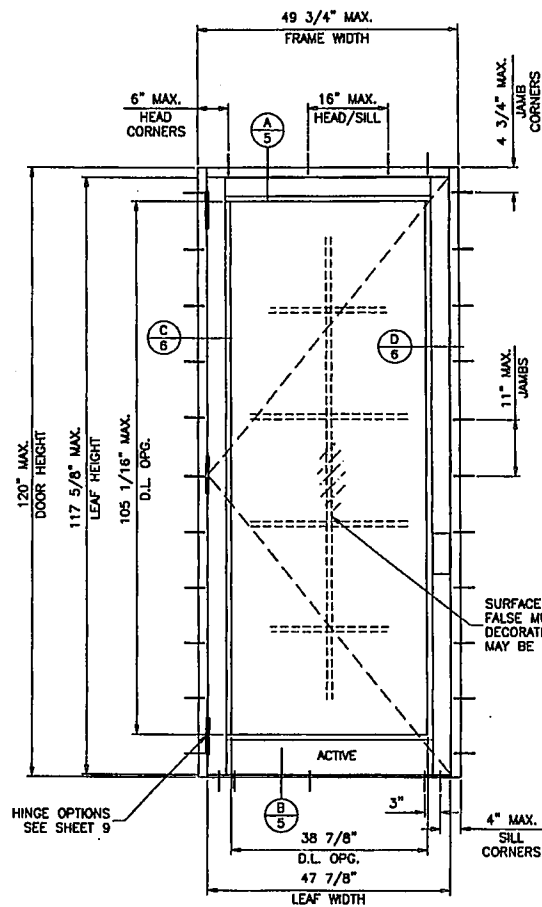
SERIES ENV-350 OUTSWING ENTRANCE DOOR (L.M.I.)  
**ENVIRALUM INDUSTRIES INC.**  
5110 N.W. 72 AVENUE BLDG. C  
MIAMI, FL. 33166  
TEL (786) 251-0204 FAX (305) 385-7749

| Revisions: |                   |
|------------|-------------------|
| NO.        | DESCRIPTION       |
| 1          | REV. PER COMMENTS |
| 2          |                   |
| 3          |                   |
| 4          |                   |
| 5          |                   |

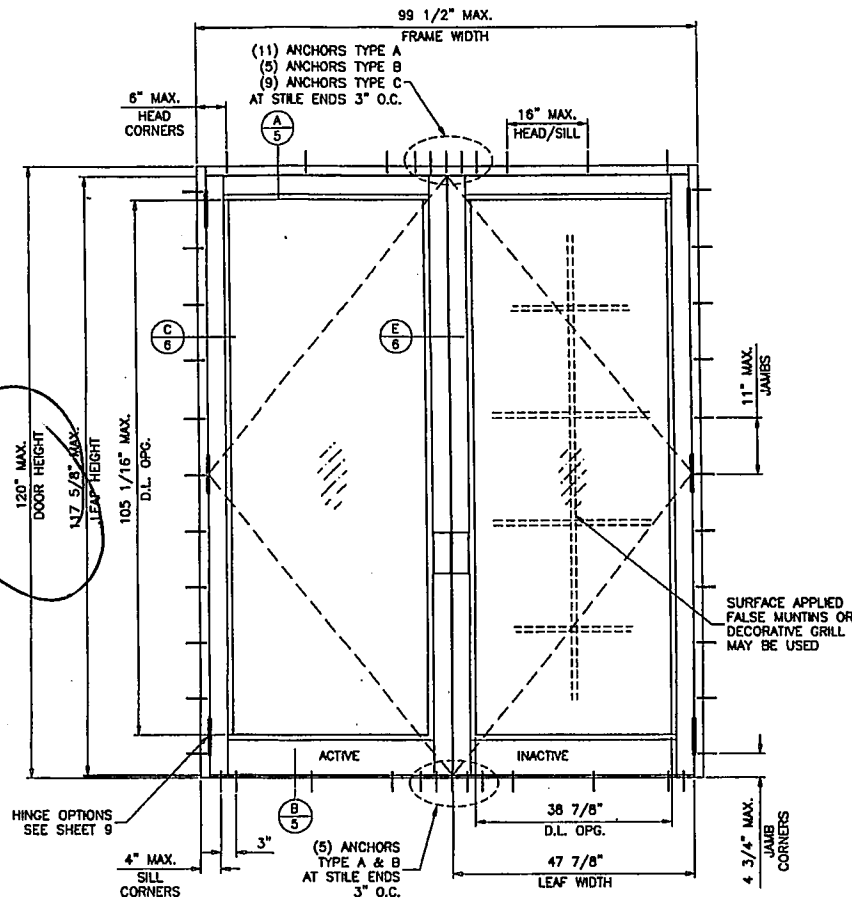
Date: 06-08-12  
Scale: 3/8" = 1"  
Drawn by: HAMID  
Check by:

drawing no.  
**W12-30**

sheet 1 of 10



(X)



(XX)

| DESIGN PRESSURE RATING |                                                | IMPACT RATING                                      | REMARKS                                      |
|------------------------|------------------------------------------------|----------------------------------------------------|----------------------------------------------|
|                        | WHERE WATER INFILTRATION REQUIREMENT IS NEEDED | WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED |                                              |
| POSITIVE               | NOT APPROVED                                   | +100 PSF                                           | SEE SHEET 4 FOR LOCK OPTIONS AND LIMITATIONS |
| NEGATIVE               |                                                | -100 PSF                                           |                                              |

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-04 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219

#### GLASS D.L.O. DIMS.

D.L.O. HEIGHT = DOOR FRAME HEIGHT - 14.9375"  
D.L.O. WIDTH (X DOORS) = FRAME WIDTH - 12.8125"  
D.L.O. WIDTH (XX DOORS) = (FRAME WIDTH - 21.875")/2

Engr. JAVAD AHMAD  
CIVIL  
FLA. PE # 70582  
C.A.N. 3538

SEP 3 4 2012

Approved as complying with the  
Florida Building Code  
Date: 11/20/12  
NOA# 12-0706-05  
Miami Dade Product Control

By: Mammik

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12335 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL W12-30ENV

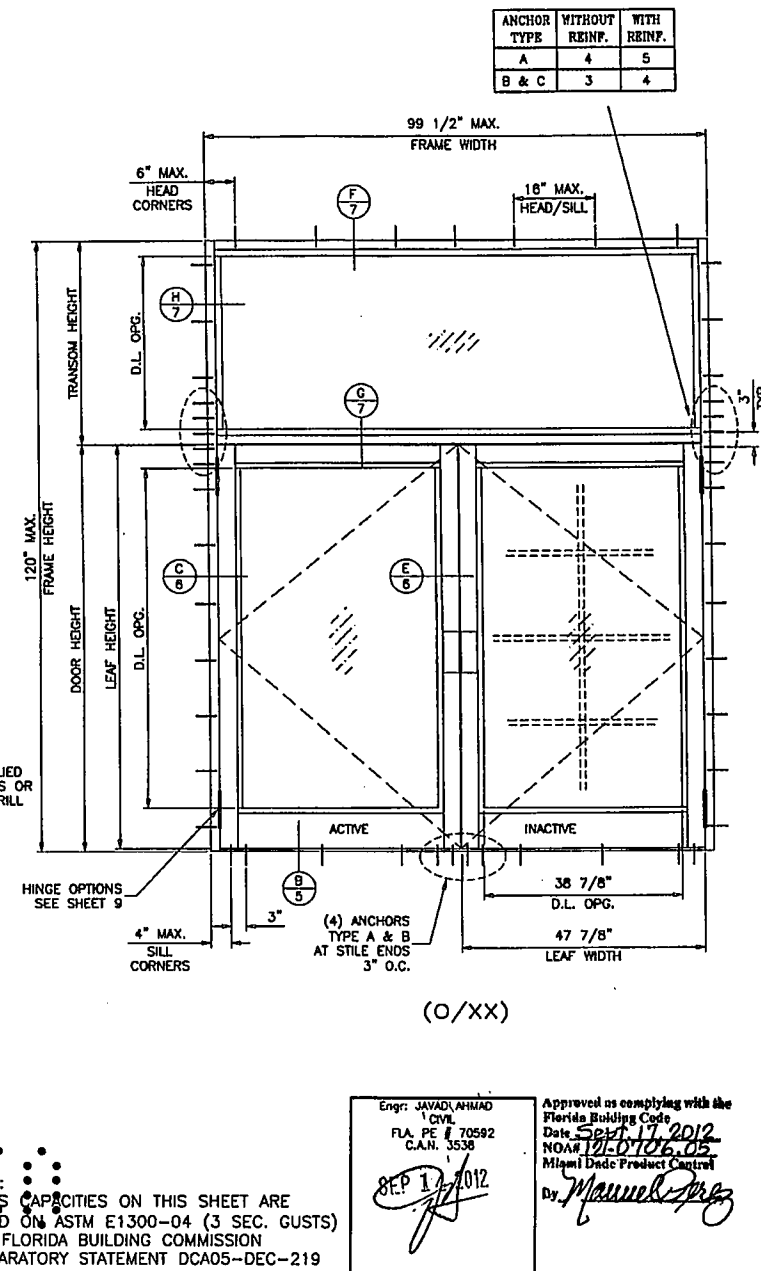
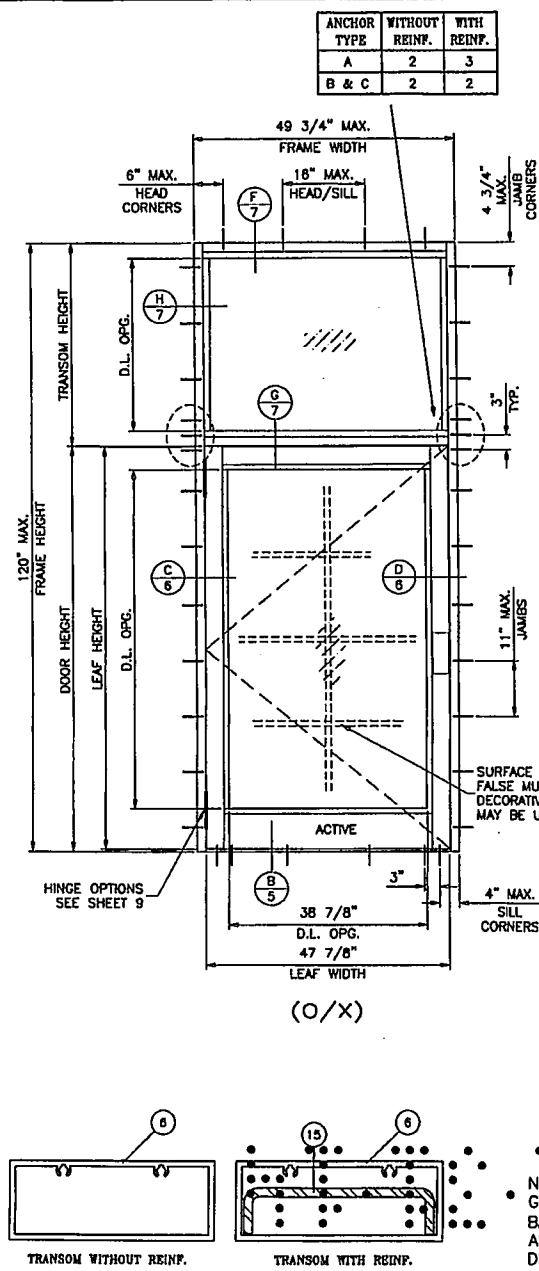
SERIES ENV-350 OUTSWING ENTRANCE DOOR (L.M.I.)  
**ENVIRALUM INDUSTRIES INC.**  
5110 N.W. 72 AVENUE BLDG. C  
MIAMI, FL. 33166  
TEL (786) 251-0204 FAX (305) 385-7749

| REV. | DATE     | DESCRIPTION           |
|------|----------|-----------------------|
| 1    | 08/13/12 | REV. PER PER COMMENTS |

date: 06-08-12  
scale: 1/2" = 1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W12-30**  
sheet 2 of 10

| SINGLE OR DOUBLE DOORS WITH TRANSOM<br>CAPACITY - PSP<br>NOT APPROVED WHERE WATER INFILTRATION RESISTANCE IS REQUIRED |                 |                   |                                      |                                   |
|-----------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|--------------------------------------|-----------------------------------|
| FRAME/TRANSOM<br>WIDTH                                                                                                | DOOR<br>HEIGHT  | TRANSOM<br>HEIGHT | WITHOUT<br>REINF.<br>EXT.(+) INT.(-) | WITH<br>REINF.<br>EXT.(+) INT.(-) |
| 37-3/4"<br>(X)                                                                                                        | 75-1/2"<br>(XX) | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 71.8                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 69.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 65.4                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 61.4                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 58.9                                 | 75.0                              |
| 40-3/4"<br>(X)                                                                                                        | 81-1/2"<br>(XX) | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 71.8                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 69.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 65.4                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 61.4                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 58.9                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 60.6                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 56.5                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 52.9                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 50.7                                 | 75.0                              |
| 43-3/4"<br>(X)                                                                                                        | 87-1/2"<br>(XX) | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 71.8                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 69.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 65.4                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 61.4                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 58.9                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 60.6                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 56.5                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 52.9                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 50.7                                 | 75.0                              |
| 46-3/4"<br>(X)                                                                                                        | 93-1/2"<br>(XX) | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 71.8                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 69.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 65.4                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 61.4                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 58.9                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 60.6                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 56.5                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 52.9                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 50.7                                 | 75.0                              |
| 49-3/4"<br>(X)                                                                                                        | 99-1/2"<br>(XX) | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 71.8                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 69.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 65.4                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 61.4                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 58.9                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 60.6                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 56.5                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 52.9                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 50.7                                 | 75.0                              |
| 37-3/4"<br>(X)                                                                                                        | 75-1/2"<br>(XX) | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 71.8                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 69.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 65.4                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 61.4                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 58.9                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 60.6                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 56.5                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 52.9                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 50.7                                 | 75.0                              |
| 40-3/4"<br>(X)                                                                                                        | 81-1/2"<br>(XX) | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 71.8                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 69.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 65.4                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 61.4                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 58.9                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 60.6                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 56.5                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 52.9                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 50.7                                 | 75.0                              |
| 43-3/4"<br>(X)                                                                                                        | 87-1/2"<br>(XX) | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 71.8                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 69.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 65.4                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 61.4                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 58.9                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 60.6                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 56.5                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 52.9                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 50.7                                 | 75.0                              |
| 46-3/4"<br>(X)                                                                                                        | 93-1/2"<br>(XX) | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 71.8                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 69.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 65.4                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 61.4                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 58.9                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 60.6                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 56.5                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 52.9                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 50.7                                 | 75.0                              |
| 49-3/4"<br>(X)                                                                                                        | 99-1/2"<br>(XX) | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 71.8                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 69.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 65.4                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 61.4                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 58.9                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 60.6                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 56.5                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 52.9                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 50.7                                 | 75.0                              |
| 37-3/4"<br>(X)                                                                                                        | 75-1/2"<br>(XX) | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 71.8                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 69.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 65.4                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 61.4                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 58.9                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 60.6                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 56.5                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 52.9                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 50.7                                 | 75.0                              |
| 40-3/4"<br>(X)                                                                                                        | 81-1/2"<br>(XX) | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 71.8                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 69.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 65.4                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 61.4                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 58.9                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 60.6                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 56.5                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 52.9                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 50.7                                 | 75.0                              |
| 43-3/4"<br>(X)                                                                                                        | 87-1/2"<br>(XX) | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 71.8                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 69.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 65.4                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 61.4                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 58.9                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 60.6                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 56.5                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 52.9                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 50.7                                 | 75.0                              |
| 46-3/4"<br>(X)                                                                                                        | 93-1/2"<br>(XX) | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 71.8                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 69.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 65.4                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 61.4                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 58.9                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 60.6                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 56.5                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 52.9                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 50.7                                 | 75.0                              |
| 49-3/4"<br>(X)                                                                                                        | 99-1/2"<br>(XX) | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 71.8                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 69.0                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 75.0                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 65.4                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 61.4                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 58.9                                 | 75.0                              |
|                                                                                                                       |                 | 24"               | 60.6                                 | 75.0                              |
|                                                                                                                       |                 | 30"               | 56.5                                 | 75.0                              |
|                                                                                                                       |                 | 36"               | 52.9                                 | 75.0                              |
|                                                                                                                       |                 | 40"               | 50.7                                 | 75.0                              |



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
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COMP-ANL W12-30ENV

**ENVIROM INDUSTRIES INC.**  
5110 N.W. 72 AVENUE BLDG. C  
MIAMI, FL 33166  
TEL (786) 251-0204  
FAX (305) 385-7749

Revisions:

| NO | DATE     | BY | DESCRIPTION           |
|----|----------|----|-----------------------|
| 1  | 08/23/12 | A  | REV. PER REV COMMENTS |

date: 08-08-12  
scale: 1/2"=1'-0"  
dr. by: HAMD  
chk. by:

drawing no.  
**W12-30**  
sheet 3 of 10

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-04 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219

Engr. JAYAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
8 SEP 12 2012  
Approved as complying with the  
Florida Building Code  
Date: 8 SEP 12 2012  
NOAR 12 SEP 12 2012  
Miami Dade Product Control  
By: *Manuel Perez*

## LOCK OPTIONS:

### STD. 3 POINT LOCK

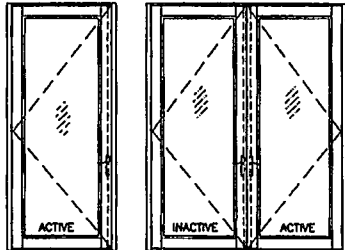
MAX. FRAME HEIGHT = 120 IN.  
MAX. LEAF WIDTH = 48 IN.  
MAX. DESIGN LOAD = 100 PSF

### ACTIVE LEAF:

3 POINT LOCK SYSTEM BY 'INTERLOCK' AT 39" FROM BOTTOM  
HANDLE ACTIVATES DEAD AND SHOOT BOLTS ENGAGING AT HEAD AND SILL  
KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR  
FASTENED TO ACTIVE LEAF LOCK STILE WITH  
(2) #8-32 X 2" OH MS

### INACTIVE LEAF:

2 POINT LOCK SYSTEM BY 'INTERLOCK' AT 39" FROM BOTTOM  
HANDLE ACTIVATES SHOOT BOLTS ENGAGING AT HEAD AND SILL  
FASTENED TO INACTIVE LEAF LOCK STILE WITH  
(2) #8-32 X 2" OH MS



### STD. 3 POINT LOCK

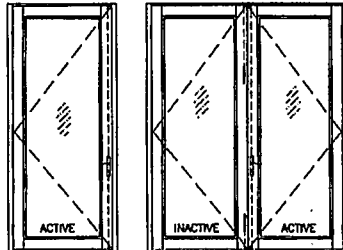
MAX. FRAME HEIGHT = 120 IN.  
MAX. LEAF WIDTH = 48 IN.  
MAX. DESIGN LOAD = 100 PSF

### ACTIVE LEAF:

THREE POINT LOCK SYSTEM SERIES 2222 BY 'REGENT HARDWARE'  
KEY OPERATED FROM EXTERIOR AND THUMB TURN ON INTERIOR WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE  
LOCATED AT 34" FROM BOTTOM OF LEAF

### INACTIVE LEAF:

MANUALLY OPERATED TWO POINT LOCK SYSTEM BY 'REGENT HARDWARE' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE  
FASTENED WITH  
(2) #8-32 X 1/4" PH MACHINE SCREWS



### STD. 3 POINT LOCK

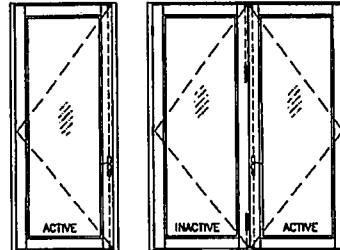
MAX. FRAME HEIGHT = 120 IN.  
MAX. LEAF WIDTH = 48 IN.  
MAX. DESIGN LOAD = 100 PSF

### ACTIVE LEAF:

KEY OPERATED THREE POINT LOCK SYSTEM BY 'ADAMS RITE' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE AND A THUMB TURN ON THE INTERIOR, LOCATED AT 40" FROM BOTTOM OF PANEL  
FASTENED WITH  
(2) #12-24 X 1/2" FH MACHINE SCREWS

### INACTIVE LEAF:

MANUALLY OPERATED TWO POINT LOCK SYSTEM BY 'ADAMS RITE' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE  
FASTENED WITH  
(2) #8-32 X 1/4" PH MACHINE SCREWS



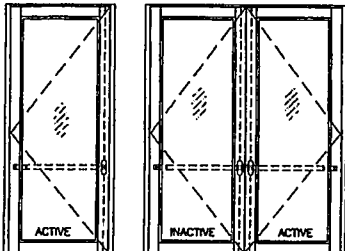
### PANIC EXIT DEVICE

MAX. FRAME HEIGHT = 98 IN.  
MAX. LEAF WIDTH = 48 IN.  
MAX. DESIGN LOAD = 75 PSF

### ACTIVE & INACTIVE LEAF:

CONCEALED VERTICAL ROD PANIC EXIT DEVICE # 5770 BY 'REGENT HARDWARE' LOCATED AT 40" FROM SILL AT EACH LEAF.  
FASTENED WITH

- (1) #10 X 3/8" FH SELF DRILLING SCREW AT ONE END AND
- (2) #10 X 1/2" FH SELF DRILLING SCREWS AT OTHER END



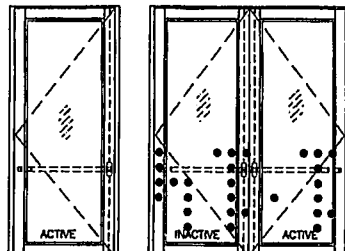
### PANIC EXIT DEVICE

MAX. FRAME HEIGHT = 120 IN.  
MAX. LEAF WIDTH = 48 IN.  
MAX. DESIGN LOAD = 100 PSF

### ACTIVE & INACTIVE LEAF:

CONCEALED VERTICAL ROD PANIC EXIT DEVICE # G86 BY 'ADAMS RITE' LOCATED AT 40" FROM SILL AT EACH LEAF.  
FASTENED WITH

- (2) #10-32 X 3/4" FH MACHINE SCREWS AT ONE END AND
- (2) #10-24 X 1/2" FH MACHINE SCREWS AT OTHER END



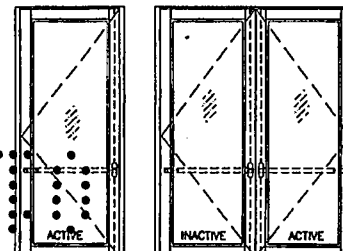
### PANIC EXIT DEVICE

MAX. FRAME HEIGHT = 120 IN.  
MAX. LEAF WIDTH = 48 IN.  
MAX. DESIGN LOAD = 100 PSF

### ACTIVE & INACTIVE LEAF:

CONCEALED VERTICAL ROD PANIC EXIT DEVICE PRECISION 2800 BY 'STANLEY' LOCATED AT 40" FROM SILL AT EACH LEAF.  
FASTENED WITH

- (2) #10-32 X 3/4" FH MACHINE SCREWS AT ONE END AND
- (2) #10-24 X 1/2" FH MACHINE SCREWS AT OTHER END



Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3536

SEP 14 2012

Approved as complying with the  
Florida Building Code  
Date: 09/11/2012  
NOAH 12-0106-03  
Miami Dade Product Control  
By: Mammal

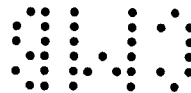
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
4235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-8878  
COMP-ANL W12-30ENY

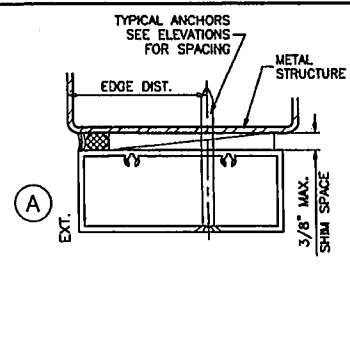
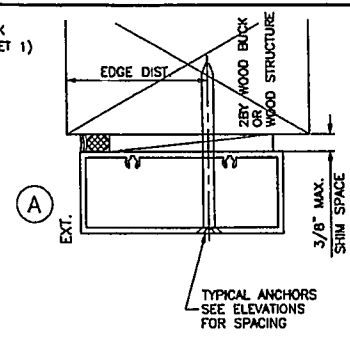
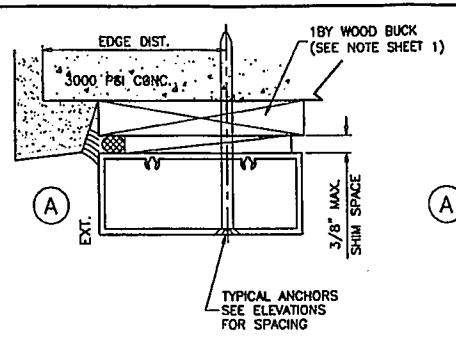
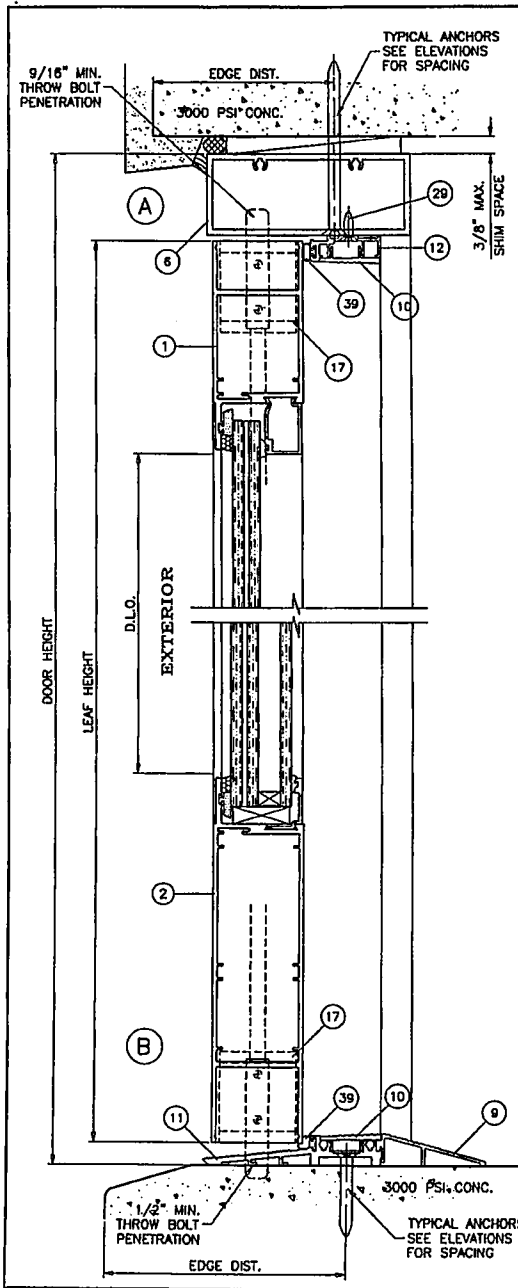
SERIES ENV-350 OUTSWING ENTRANCE DOOR (L.M.L.)  
**ENVIRALUM INDUSTRIES INC.**  
5110 N.W. 72 AVENUE BLDG. C  
MIAMI, FL 33166  
TEL (786) 251-0204 FAX (305) 385-7749

| Revisions: | NOI | DATE     | BY | DESCRIPTION          |
|------------|-----|----------|----|----------------------|
|            | A   | 08/23/12 |    | NO CHANGE THIS SHEET |

|          |           |
|----------|-----------|
| date:    | 08-08-12  |
| scale:   | 3/8" = 1" |
| dr. by:  | HAAD      |
| chk. by: |           |

drawing no.  
**W12-30**  
sheet 4 of 10





WOOD BUCKS AND METAL STRUCTURE NOT BY ENVIRALUM  
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM  
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A'  
1/4" DIA ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)  
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
WITH 1-1/2" MIN. PENETRATION INTO WOOD  
THRU 1BY WOOD BUCKS INTO CONCRETE  
WITH 1-1/4" MIN. EMBED INTO CONCRETE  
DIRECTLY INTO CONCRETE OR MASONRY  
WITH 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

ANCHOR EDGE DISTANCES  
INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
INTO WOOD STRUCTURE = 1" MIN.

TYPE 'B'  
5/16" DIA ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)  
INTO WOOD STRUCTURES  
WITH 1-7/8" MIN. PENETRATION INTO WOOD  
THRU 1BY OR 2BY WOOD BUCKS INTO CONCRETE  
WITH 1-1/4" MIN. EMBED INTO CONCRETE  
DIRECTLY INTO CONCRETE OR MASONRY  
WITH 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

ANCHOR EDGE DISTANCES  
INTO CONCRETE AND MASONRY = 3" MIN.  
INTO WOOD STRUCTURE = 1-1/4" MIN.

TYPE 'C'  
1/4" DIA SELF DRILLING SCREWS ST/ST (GRADE 5 CRS)  
INTO METAL STRUCTURES  
STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)  
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)  
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES  
INTO METAL STRUCTURE = 1/2" MIN.  
CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.  
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

Engr. JAVAD AHMAD  
CIVIL  
FLA. PE # 70582  
C.A.N. 3538

SEP 14 2012

Approved as complying with the  
Florida Building Code  
Date: Sept 17, 2012  
NDAA 12-0106.05  
Miami Dade Product Control  
By: *[Signature]*

**AL-FAROQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL W12-30ENV

**ENVIRALUM INDUSTRIES INC.**  
5110 N.W. 72 AVENUE BLDG. C  
MIAMI, FL 33166  
TEL (786) 231-0204 FAX (305) 385-7749

| REVISIONS: |                   |
|------------|-------------------|
| NO. 001.0  | BY DESCRIPTION    |
| 1          | REV. FOR COMMENTS |

date: 06-08-12

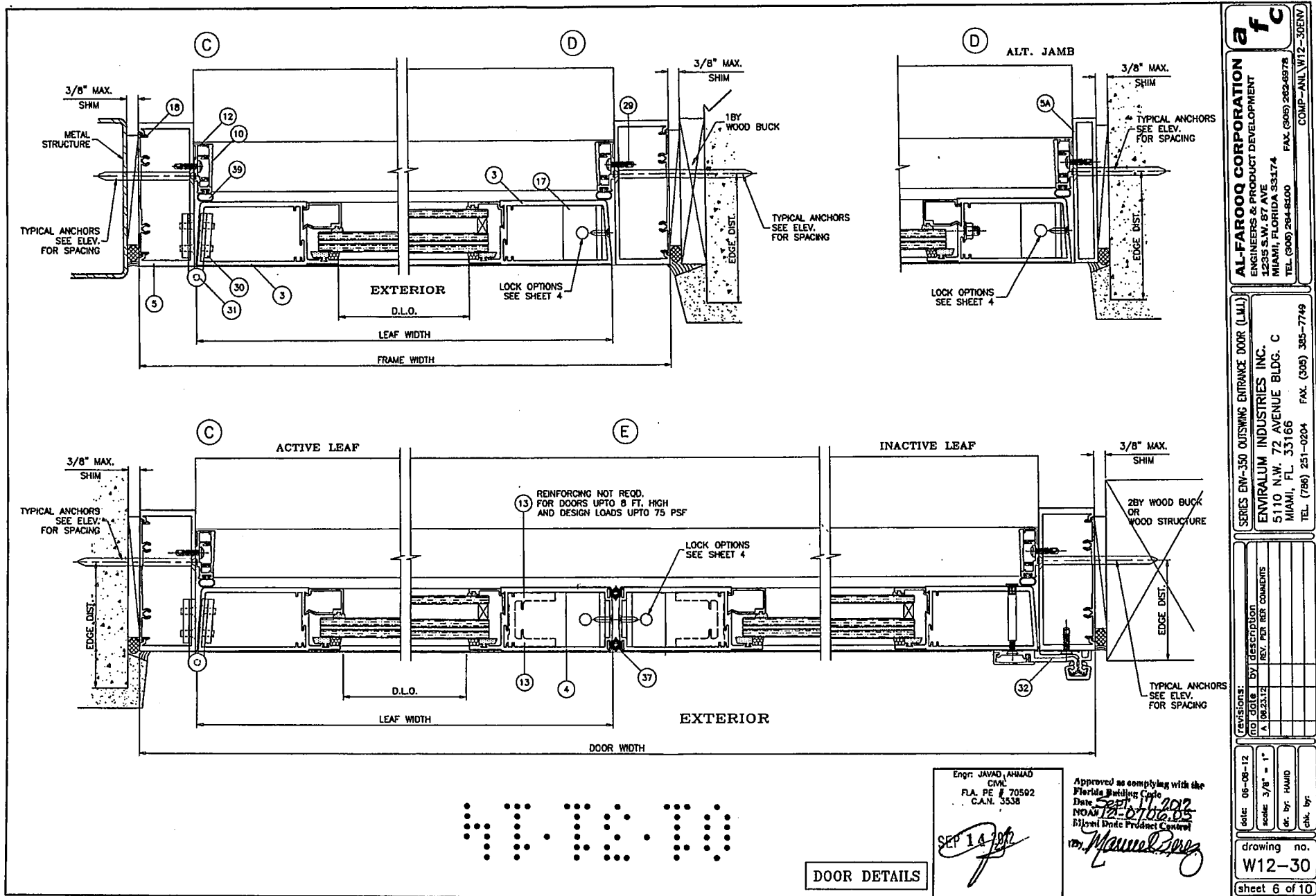
scale: 3/8" = 1"

dr. by: HAMID

chk. by:

drawing no.  
**W12-30**

sheet 5 of 10



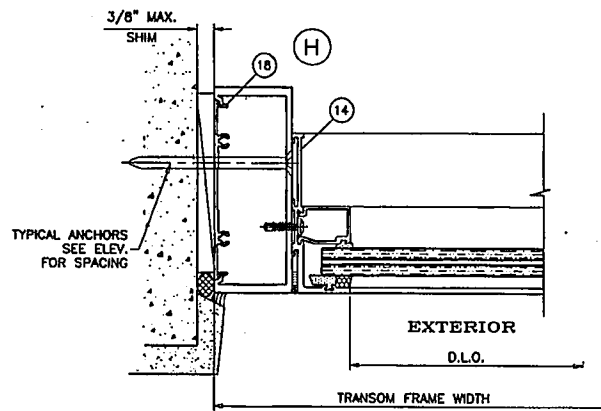
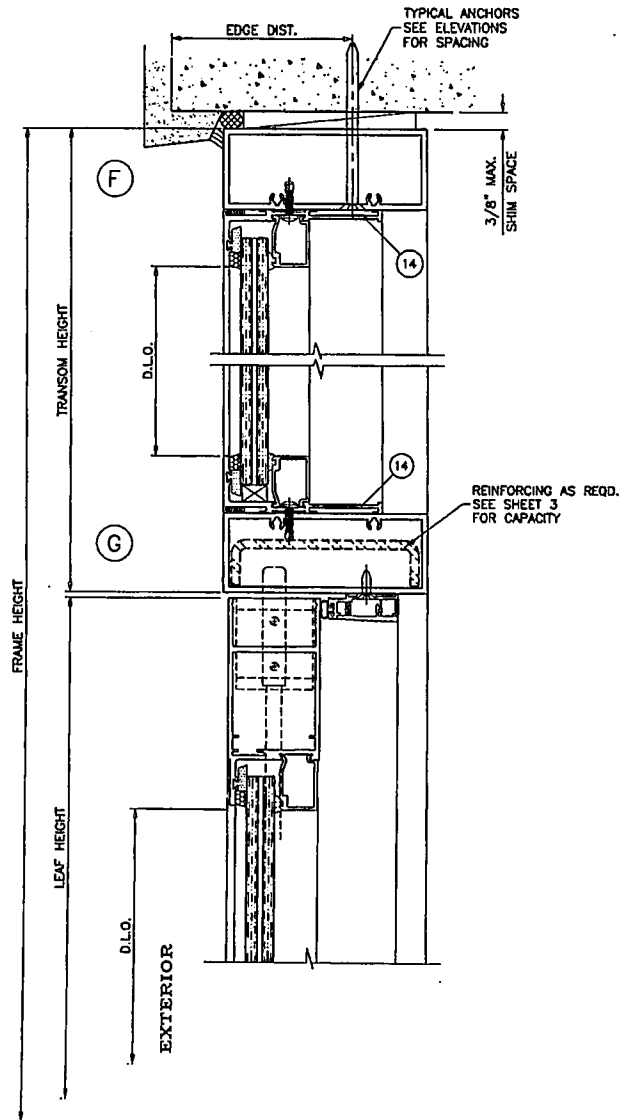
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12335 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 284-8100 FAX (305) 282-6978  
COMP - ANL W12-30ENY

**SERIES ENV-350 OUTSWING ENTRANCE DOOR (LUL)**  
**ENVIRALUM INDUSTRIES INC.**  
5110 N.W. 72 AVENUE BLDG. C  
MIAMI, FL 33166  
TEL (786) 251-0204 FAX (305) 385-7749

| NO. | DATE     | BY | DESCRIPTION           |
|-----|----------|----|-----------------------|
| 1   | 08/23/12 | A  | REV. PER REV COMMENTS |

Revisions:

DATE: 08-08-12  
SCALE: 3/8" = 1"  
DR: HAMID  
CHK: BY



41.12.10

040

# TRANSOM DETAILS

Engr. JAVAD AHMAD  
CML  
FLA. PE # 70582  
C.A.N. 3538

SEP 14 2012

Approved as complying with the  
Florida Building Code  
Date: SEP 11 2012  
NOAA 09/06/03  
Miami Dade Product Control  
By: Muhammad Iqbal

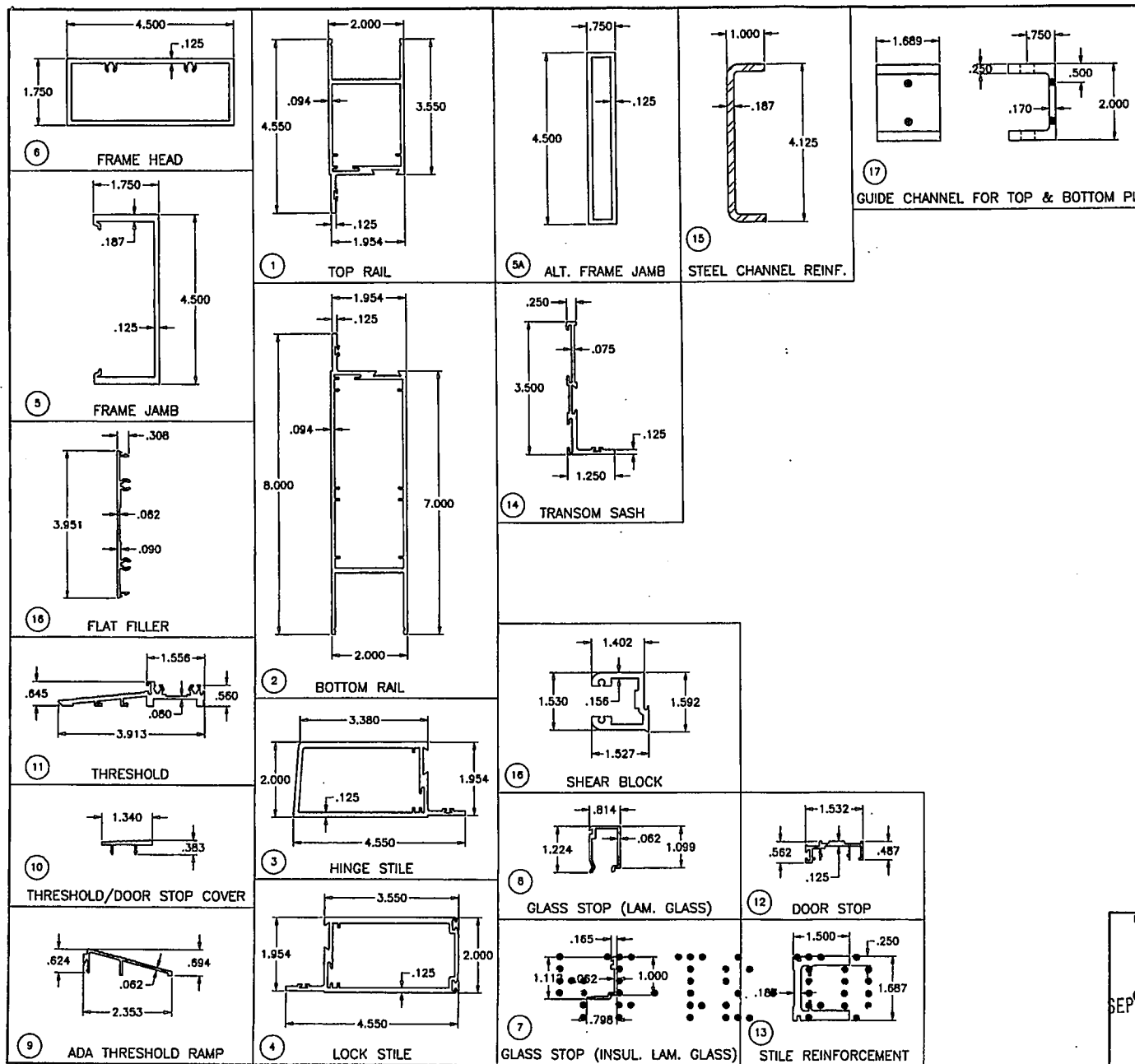
**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12335 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL W12-30EN

**SERIES ENV-350 OUTSWING ENTRANCE DOOR (L.M.I.)**  
**ENVIRALUM INDUSTRIES INC.**  
5110 N.W. 72 AVENUE BLDG. C  
MIAMI, FL. 33166  
TEL (786) 251-0204 FAX (305) 385-7749

| NO. | DATE     | BY | DESCRIPTION          |
|-----|----------|----|----------------------|
| 1   | 06/23/12 | A  | NO CHANGE THIS SHEET |
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|     |          |    |                      |
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date: 06-08-12  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W12-30**  
sheet 7 of 10



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12335 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX (305) 262-6978  
COMP-NAL W12-30EN

**ENVIRALUM INDUSTRIES INC.**  
5110 N.W. 72 AVENUE BLDG. C  
MIAMI, FL 33166  
TEL (786) 251-0204 FAX (305) 385-7749

SERIES ENV-350 OUTSWING ENTRANCE DOOR (L.M.I.)

| NO. | DATE     | BY | DESCRIPTION          |
|-----|----------|----|----------------------|
| 1   | 08.23.12 | A  | NO CHANGE THIS SHEET |

date: 08-08-12  
scale: 3/8" = 1"  
dr. by: HAMD  
chd. by:

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

Approved as complying with the  
Florida Building Code  
Date: SEP 17 2012  
NOAH 01-01-05-83  
Miami Dade Product Control  
By: Manuel Perez

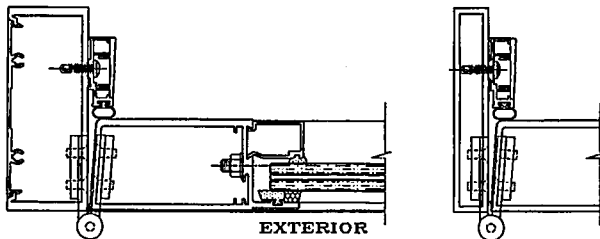
SEP 14 2012

drawing no.  
**W12-30**  
sheet 8 of 10

# HINGES:

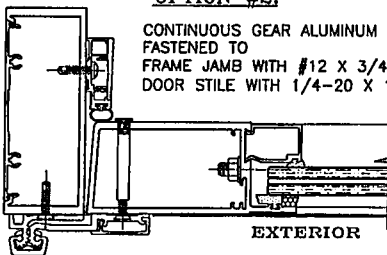
## OPTION #1:

4" X 4-1/2" X .130" THK. ST. STEEL KNUCKLE HINGE  
SERIES 4001 BY 'REGENT HARDWARE' 3 PER LEAF  
TOP/BOTTOM HINGES AT 7" FROM EACH END  
CENTER HINGE AT MIDSPAN  
FASTENED TO  
FRAME JAMB WITH (4) 12-24 X 1/2" FH MS  
DOOR STILE WITH (4) 12-24 X 1/2" FH MS



## OPTION #2:

CONTINUOUS GEAR ALUMINUM HINGE PEMKO-FS & SELECT SL-21  
FASTENED TO  
FRAME JAMB WITH #12 X 3/4" FH SCREWS AT 6" O.C.  
DOOR STILE WITH 1/4-20 X 1-1/4" FH MS WITH SEX BOLT AT 6" O.C.



| ITEM NO. | PART NUMBER | QUANTITY         | DESCRIPTION                                           | MATERIAL      | MANF./SUPPLIER/REMARKS     |
|----------|-------------|------------------|-------------------------------------------------------|---------------|----------------------------|
| 1        | ENV-351     | 1/ LEAF          | TOP RAIL                                              | 6063-T6       | ENVIRALUM                  |
| 2        | ENV-352     | 1/ LEAF          | BOTTOM RAIL                                           | 6063-T6       | ENVIRALUM                  |
| 3        | ENV-353     | 1/ LEAF          | HINGE STILE                                           | 6063-T6       | ENVIRALUM                  |
| 4        | ENV-354     | 1/ LEAF          | LOCK STILE                                            | 6063-T6       | ENVIRALUM                  |
| 5        | ENV-355     | 2/ DOOR          | FRAME JAMB                                            | 6063-T6       | ENVIRALUM                  |
| 5A       | -           | 2/ DOOR          | ALT. FRAME JAMB                                       | 6063-T6       | ENVIRALUM                  |
| 6        | ENV-356     | 1/ DOOR          | FRAME HEAD                                            | 6063-T6       | ENVIRALUM                  |
| 7        | ENV-357     | 4/ LITE          | GLASS STOP (INSULATED GLASS)                          | 6063-T6       | ENVIRALUM                  |
| 8        | ENV-358     | 4/ LITE          | GLASS STOP (LAMINATED GLASS)                          | 6063-T6       | ENVIRALUM                  |
| 9        | ENV-359     | AS REQD.         | ADA THRESHOLD RAMP                                    | 6063-T6       | ENVIRALUM                  |
| 10       | ENV-3510    | AS REQD.         | THRESHOLD/DOOR STOP COVER                             | 6063-T6       | ENVIRALUM                  |
| 11       | ENV-3511    | 1/ DOOR          | THRESHOLD                                             | 6063-T6       | ENVIRALUM                  |
| 12       | ENV-3512    | 3/ DOOR          | DOOR STOP                                             | 6063-T6       | ENVIRALUM                  |
| 13       | ENV-3513    | AS REQD.         | STILE REINFORCEMENT, REQD. FOR DOORS ABOVE 8 FT. HIGH | 6063-T6       | ENVIRALUM                  |
| 14       | ENV-3515    | 4/ TRANSOM       | TRANSOM SASH                                          | 6063-T6       | ENVIRALUM                  |
| 15       | ENV-ST2     | AS REQD.         | 1" X 4-1/8" X 1" X 3/16" THK. CHANNEL                 | STEEL         | ENVIRALUM                  |
| 16       | ENV-3516    | 1/ LEAF CORNER   | SHEAR BLOCK                                           | 6063-T6       | ENVIRALUM                  |
| 17       | ENV-CC01    | 2/ LEAF          | GUIDE CHANNEL FOR TOP & BOTTOM PIN                    | 6063-T6       | ENVIRALUM                  |
| 18       | ENV-454     | AS REQD.         | FLAT SNAP, 3" LONG                                    | 6063-T6       | ENVIRALUM                  |
| 19       | -           | -                | -                                                     | -             | -                          |
| 20       | -           | -                | -                                                     | -             | -                          |
| 21       | ENV-G04     | AS REQD.         | INTERIOR GASKET                                       | EPDM          | GLAZING RUBBER PRODUCTS    |
| 22       | ENV-G06     | AS REQD.         | SPACER GASKET                                         | EPDM          | GLAZING RUBBER PRODUCTS    |
| 23       | ENV-SB01    | 1/ QUARTER POINT | 3/8" X 1/2" X 2" SETTING BLOCKS, DUROMETER 70±5       | EPDM          | GLAZING RUBBER PRODUCTS    |
| 24       | ENV-SB02    | 1/ QUARTER POINT | 3/8" X 1-1/4" X 2" SETTING BLOCKS, DUROMETER 70±5     | EPDM          | GLAZING RUBBER PRODUCTS    |
| 25       | DOW 791     | AS REQD.         | GLAZING COMPOUND                                      | SILICONE      | DOW CORNING                |
| 26       | GE SCS2000  | AS REQD.         | GLAZING COMPOUND                                      | SILICONE      | GE MOMENTIVE               |
| 27       | #12 X 1-1/2 | 4/ CORNER        | FRAME ASSEMBLY SCREWS                                 | ST. STEEL     | HHW SMS, AT 16" O.C.       |
| 28       | #8 X 5/8"   | AS REQD.         | TRANSOM SASH SCREWS                                   | ST. STEEL     | AT 3" FROM ENDS & 12" O.C. |
| 29       | #8 X 5/8"   | AS REQD.         | DOOR STOP ASSEMBLY SCREWS, Ø 3" FROM ENDS & 20" O.C.  | ST. STEEL     | HHW SMS                    |
| 30       | ENV-BP1     | 2/ HINGE         | HINGE BACKING PLATE, 1-1/2" X 1/4" THK. X 8-3/8" LONG | ALUMINUM      | -                          |
| 31       | 4001        | 3/ LEAF          | 4-1/2" X 4" BUTT HINGES                               | ST. STEEL     | REGENT HARDWARE            |
| 32       | SL-21       | 1/ LEAF          | CONT. GEAR HINGE                                      | ALUMINUM      | SELECT PRODUCTS LTD.       |
| 32A      | PEMCO-FS    | 1/ LEAF          | CONT. GEAR HINGE                                      | ALUMINUM      | PEMCO                      |
| 33       | 1/4-20 X 1" | 10/ LEAF         | CORNER BLOCK ASSEMBLY                                 | ST. STEEL     | HEX HEAD BOLT W/ WASHER    |
| 34       | ENV-G01     | AS REQD.         | FIXED INTERIOR GASKET                                 | EPDM          | GLAZING RUBBER PRODUCTS    |
| 35       | -           | -                | -                                                     | -             | -                          |
| 36       | -           | -                | -                                                     | -             | -                          |
| 37       | ENV-WP1     | AS REQD.         | WOOL PILE W'STRIPPING                                 | TRILOBAL YARN | ULTRAFAB                   |
| 38       | ENV-WP2     | AS REQD.         | WOOL PILE W'STRIPPING                                 | TRILOBAL YARN | ULTRAFAB                   |
| 39       | ENV-BG1     | AS REQD.         | BULB W'STRIPPING, (.475 BULB W/ FLAP X .270 BK.)      | EPDM          | ULTRAFAB                   |

## SEALANTS:

ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER OF  
GLAZING BEAD TO FRAME SEALED WITH SILICONE SEALANT.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

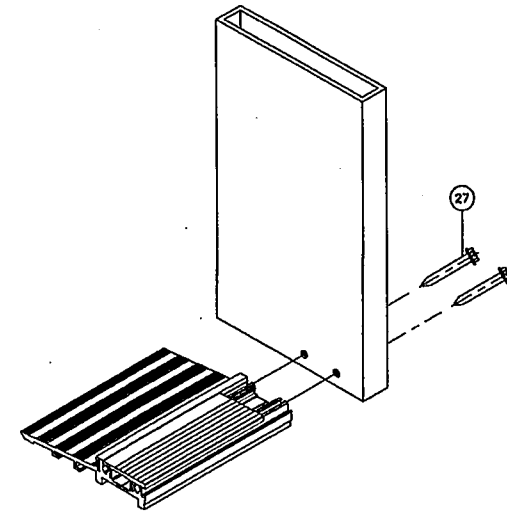
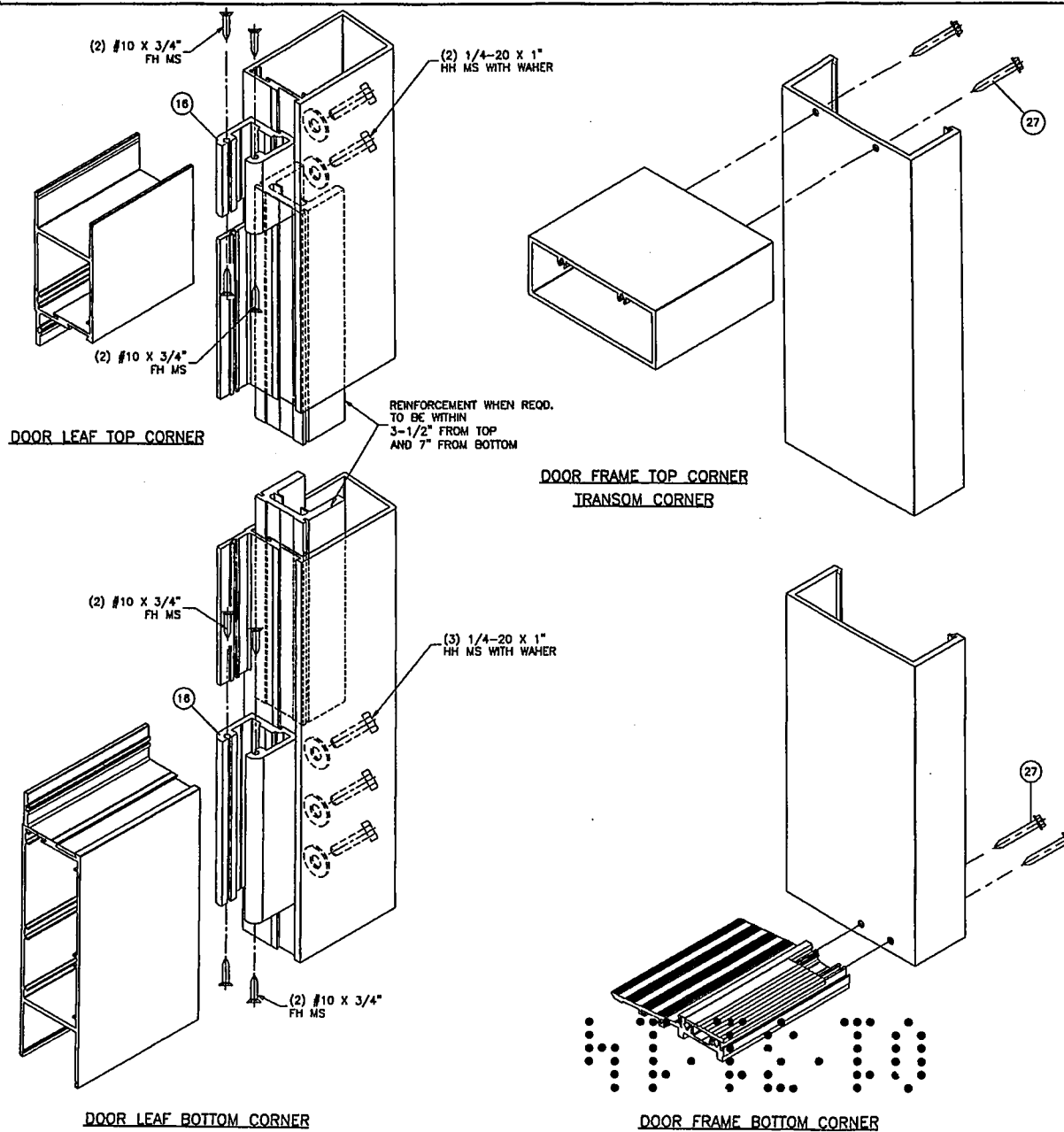
SEP 14 2012

Approved as complying with the  
Florida Building Code  
Date: Sept 14 2012  
NOA#: 12-0706-05  
Miami Date Product Control  
By: Muhammad Ali

**AL-FAROQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL: (305) 284-8100 FAX: (305) 282-8978  
COMP-ANL W12-30ENV

SERIES ENV-350 OUTSWING ENTRANCE DOOR (LUL)  
**ENVIRALUM INDUSTRIES INC.**  
5110 N.W. 72 AVENUE BLDG. C  
MIAMI, FL. 33166  
TEL: (786) 251-0204 FAX: (305) 385-7749

|                    |                   |              |          |
|--------------------|-------------------|--------------|----------|
| Revisions:         | By description    | date         | 06-08-12 |
| NO DATE            | REV. PER COMMENTS | 1            | 08/23/12 |
| date               | scale: 3/8" = 1"  | dr. by: HAMD | chk. by: |
| drawing no. W12-30 |                   |              |          |
| sheet 9 of 10      |                   |              |          |



Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

SEP 14 2012

Approved as complying with the  
Florida Building Code  
Date: SEP 14 2012  
TWOAR 12-0106-05  
Miami Dade Product Control  
By: *Manuel*

**af c**

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12335 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W12-30ENW

**SERIES DIV-350 OUTSWING ENTRANCE DOOR (LUL)**  
**ENVIRALUM INDUSTRIES INC.**  
5110 N.W. 72 AVENUE BLDG. C  
MIAMI, FL. 33166  
TEL. (786) 251-0204 FAX. (305) 385-7749

| REV. DATE | BY       | DESCRIPTION       |
|-----------|----------|-------------------|
| 1         | 08.23.12 | REV. PER COMMENTS |

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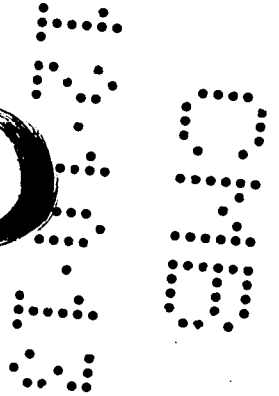
drawing no.  
**W12-30**  
sheet 10 of 10

COVER SHEET

Wind Pressure Calculations

Project:

1100 15th St  
Miami Beach, FL 33139



Infinity Engineering Services, Inc.

14746 SW 60 St  
Miami, FL 33193  
Tel: 786-287-3922

[www.InfinityEng.us](http://www.InfinityEng.us)  
CA# 26963

Michael Brito, PhD, PE  
PE# 66360

A circular professional engineer seal for Michael Brito, PhD, PE. The seal contains the text 'MICHAEL BRITO, PhD, PE' and 'PE# 66360'. A signature is written over the seal.

# DESIGN WIND PRESSURE FOR WALL COMPONENTS & CLADDING

ASCE 7-10 (C&C < 60 ft)

Wind speed (mph)  $V = 175 \text{ mph}$

Mean Roof Height  $h = 20 \text{ ft}$

Risk\_Category := "II"

Exposure\_Category = "D"

$K_{zt} = 1.00$

$K_d = 0.85$

$K_z = 1.08$

$$q_z := 0.6 \cdot 0.00256 \cdot K_z \cdot K_{zt} \cdot K_d \cdot V^2 \cdot \frac{\text{lb}}{\text{ft}^2} = 43.31 \text{ psf}$$

WALL PRESSURES

Zone 4

Zone 5

$A_j =$

1.00

$P4p_j =$

51.1

psf

$P4n_j =$

-55.4

psf

$P5p_j =$

51.1

psf

$P5n_j =$

-68.4

psf

## FIND DISTANCE "a":

Length of Building (ft):

$L := 45 \text{ ft}$

Width of Building (ft):

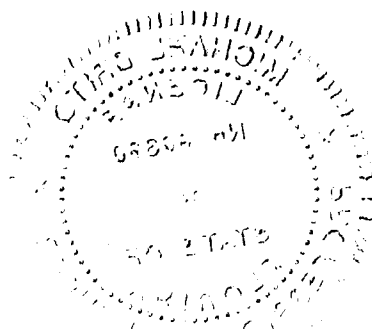
$w := 150 \text{ ft}$

$$a_0 := \min[(0.1 \cdot \min(w, L)), (0.4 \cdot h)] = 4.50 \text{ ft}$$

$$a := \max[(3 \cdot \text{ft}), a_0, 0.04 \cdot \min(w, L)] = 4.50 \text{ ft}$$

DISTANCE "a" (ft):

$a = 4.50 \text{ ft}$



**NOTICE OF ACCEPTANCE (NOA)**

**Mr. Glass Doors & Windows, Inc.**

7440 N. W. 66 Street  
Miami, FL. 33166

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series "MG-500" Aluminum Outswing French Door - L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. W11-40, titled "Series MG-500 Alum. Outswing French Door (L.M.I.)", sheets 1 through 10.1 of 11, dated 07/20/11, prepared by AL-Farooq Corporation, with revision "A" dated 03/29/12, prepared by AL-Farooq Corporation, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Section Renewal stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LIMITATION:**

1. The Single Door with Transom is limited to Maximum Design Pressure, DP =  $\pm 90$  PSF;
2. Only Single Door w/ High Threshold, optional items E-2B (part no. ES-9026) including E-2C (part no. ES-9027) is rated for external positive  $\pm 120$  PSF Water Resistant Rating.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**REVISION** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA No. 12-0517.23 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P. E.

MIAMI-DADE COUNTY  
APPROVED

NOA No. 13-0820.12

Expiration Date: October 13, 2018

Approval Date: September 19, 2013

Page 1

Mr. Glass Doors & Windows, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
(Submitted under previous NOA No. 11-0720.10)
2. Drawing No. W11-40, titled "Series MG-500 Alum Outswing French Door (L.M.I.)", sheets 1 through 10.1 of 11, dated 07/20/11, prepared by AL-Farooq Corporation, with revision "A" dated 03/29/12, signed and sealed by Javad Ahmad, P. E.  
(Submitted under previous NOA No. 12-0517.23)

**B. TESTS**

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per PA 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per SFBC, PA 203-94  
along with marked-up drawings and installation diagram of a single (X) aluminum outswing door, issued by Fenestration Testing Lab, Inc., Test Report No. FTL-5992, dated 09/09/09, re-issued on 02/02/11, signed and sealed by Marlin D. Brisson, P. E.  
(Submitted under previous NOA No. 11-0720.10)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of an Alum. Outswing Entrance Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-5554, dated 05/10/08, signed and sealed by Carlos S. Rionda, P. E.  
(Submitted under previous NOA No. 10-0301.03)
3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per PA 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an Alum. Outswing Entrance Door, prepared by FTL, Inc., Test Report No. FTL-5556, dated 04/27/08, signed and sealed by Carlos S. Rionda, P. E.  
(Submitted under previous NOA No. 10-0301.03)

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC, prepared by Al-Farooq Corporation, dated 01/08/10, 06/15/10, 11/02/10, 12/17/10 and last revised on 01/13/11, signed and sealed by Javad Ahmad, P. E.  
(Submitted under previous NOA No. 12-0517.23)
2. Glazing complies with ASTM E1300-04

  
Jaime D. Gascon, P. E.  
Product Control Section Supervisor  
NOA No. 13-0820.12  
Expiration Date: October 13, 2018  
Approval Date: September 19, 2013

Mr. Glass Doors & Windows, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

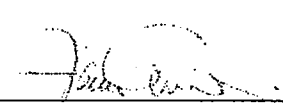
1. Notice of Acceptance No. 11-0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont SentryGlas® Interlayer" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. 13-0129.27 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Butacite® PVB Interlayer" dated 04/11/13, expiring on 12/11/16.

**F. STATEMENTS**

1. Statement letter of no financial interest, conformance and complying with FBC-2010, dated 08/07/13, signed, sealed and issued by Javad Ahmad, P. E.
2. Laboratory compliance letter for Test Report No. FTL-5992, dated 09/09/09, re-issued on 02/02/11, issued by Fenestration Testing Laboratory, Inc., signed and sealed by Marlin D. Brinson, P. E.  
(Submitted under previous NOA No. 11-0720.10)
3. Proposal No. 09-0165 issued by Product Control, dated 07/02/09, signed by Ishaq Chanda, P. E.  
(Submitted under previous NOA No. 11-0720.10)
4. Laboratory compliance letters for Test Reports No.'s FTL-5554, dated 05/10/08 and FTL-5556, dated 04/27/08, both issued by Fenestration Testing Laboratory, Inc., both signed and sealed by Carlos S. Rionda, P. E.  
(Submitted under previous NOA No. 10-0301.03)
5. Proposal No. 07-4070 issued by Product Control, dated 02/22/08, signed by Ishaq Chanda, P. E.  
(Submitted under previous NOA No. 10-0301.03)

**G. OTHERS**

1. Notice of Acceptance No. 12-0517.23, issued to Mr. Glass Doors & Windows, Inc. for their Series "MG-500 Aluminum Outswing French Door - L.M.I.", approved on 08/23/12 and expiring on 10/13/13.

  
Jaime D. Gascon, P. E.  
Product Control Section Supervisor  
NOA No. 13-0820.12  
Expiration Date: October 13, 2018  
Approval Date: September 19, 2013

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

# **SERIES MG500** **ALUMINUM OUTSWING ENTRANCE DOOR**

SEE CHARTS ON THIS SHEET FOR DESIGN LOAD CAPACITY OF SINGLE DOORS WITH OR WITHOUT TRANSOMS.

SEE CHARTS ON SHEET 2 FOR DESIGN LOAD CAPACITY OF DOUBLE DOORS WITH OR WITHOUT TRANSOMS.

DOORS CAN ALSO BE USED WITH SERIES MG5000 OR SERIES 9500 STOREFRONT SYSTEM UNDER SEPARATE APPROVAL.  
FOR DOORS WITH STOREFRONT SYSTEM SEE SEPARATE NOA FOR DOOR MULLION CAPACITY AND ANCHORING REQUIREMENTS.

THE LOWEST VALUE RESULTING FROM DOOR CAPACITY CHARTS OR STOREFRONT NOA WILL APPLY TO ENTIRE SYSTEM.

DOORS ARE NOT APPROVED FOR INSTALLATION WHERE WATER RESISTANCE IS REQUIRED EXCEPT SINGLE DOORS USING ES-9026 (HIGH THRESHOLD OPTION) IS APPROVED FOR WATER INFILTRATION RESISTANCE.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

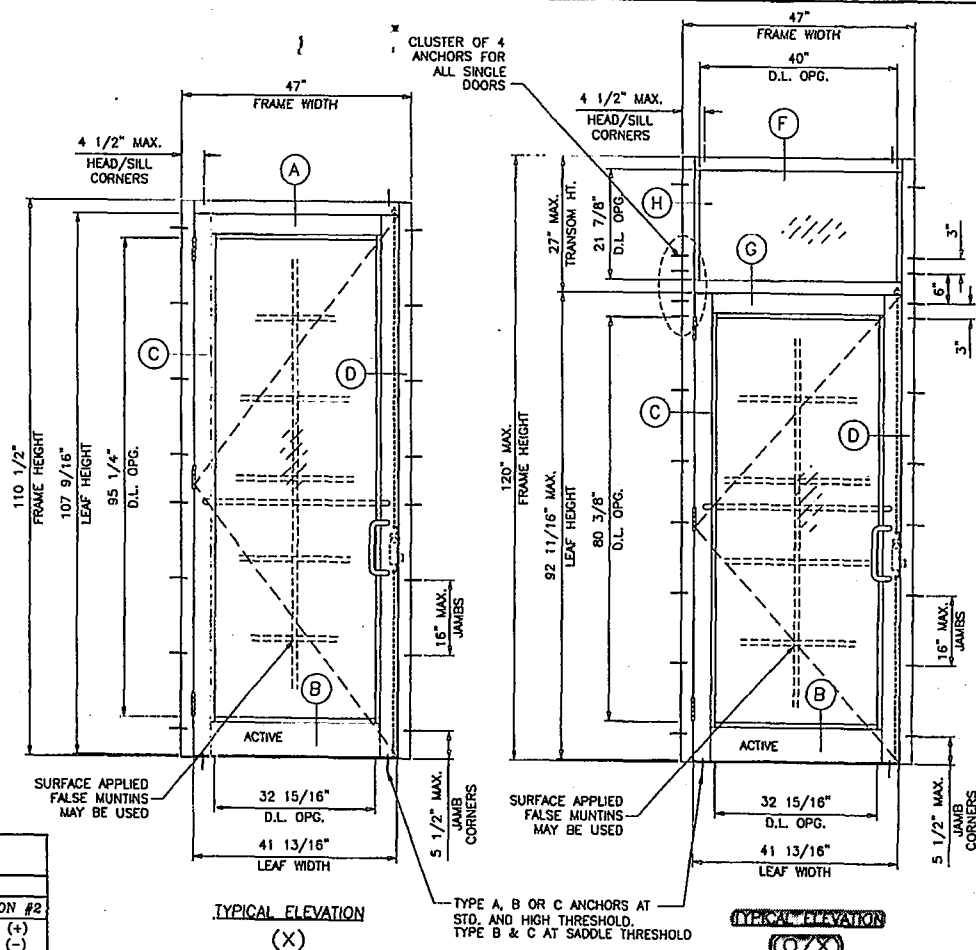
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

| TABLE #1 DOORS LOAD CAPACITY - PSP                     |          |              |           |           |           |           |           |       |
|--------------------------------------------------------|----------|--------------|-----------|-----------|-----------|-----------|-----------|-------|
| SINGLE DOORS WITHOUT TRANSOM (X) OR WITH TRANSOM (O/X) |          |              |           |           |           |           |           |       |
| DOOR DIMS.                                             | GLASS    |              |           | LOCKS     |           |           | HINGES    |       |
|                                                        | TYPE 'A' | TYPE 'B'/'C' | OPTION #1 | OPTION #2 | OPTION #3 | OPTION #1 | OPTION #2 |       |
| FRAME WIDTH                                            | EXT. (+) | EXT. (+)     | EXT. (+)  | EXT. (+)  | EXT. (+)  | EXT. (+)  | EXT. (+)  |       |
| FRAME HEIGHT                                           | INT. (-) | INT. (-)     | INT. (-)  | INT. (-)  | INT. (-)  | INT. (-)  | INT. (-)  |       |
| 47"                                                    | 110-1/2" | 80.0         | 120.0     | 80.0      | 90.0      | 120.0     | 80.0      | 120.0 |
|                                                        |          |              | 80.0      | 90.0      | 120.0     | 80.0      |           | 120.0 |

SEE SHEET 8 FOR GLASS TYPES DESCRIPTION  
SEE SHEET 9 FOR LOCKS AND HINGES DESCRIPTION

| TABLE #2 ANCHORS LOAD CAPACITY - PSP                   |                 |                 |                 |                 |                 |       |
|--------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------|
| SINGLE DOORS WITHOUT TRANSOM (X) OR WITH TRANSOM (O/X) |                 |                 |                 |                 |                 |       |
| DOOR DIMS.                                             | 1/2" SHIM SPACE |                 | 1/4" SHIM SPACE |                 | ANCHOR          |       |
|                                                        | ANCHOR TYPE 'B' | ANCHOR TYPE 'C' | ANCHOR TYPE 'A' | ANCHOR TYPE 'B' | ANCHOR TYPE 'D' |       |
| FRAME WIDTH                                            | EXT. (+)        | EXT. (+)        | EXT. (+)        | EXT. (+)        | EXT. (+)        |       |
| FRAME HEIGHT                                           | INT. (-)        | INT. (-)        | INT. (-)        | INT. (-)        | INT. (-)        |       |
| 40"                                                    | 110-1/2"        | 102.0           | 120.0           | 109.0           | 120.0           |       |
| 47"                                                    | 110-1/2"        | 87.0            | 115.0           | 93.0            | 117.0           | 120.0 |

SEE SHEET 3 FOR ANCHOR DESCRIPTION



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0517.23  
Expiration Date 12/13/2013  
By: [Signature]  
Miami Trade Product Control

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-04 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219

SINGLE DOORS WITH OR WITHOUT TRANSOMS  
USE CHARTS AS FOLLOWS  
FOR THE CORRESPONDING DOOR SIZE  
1- FOR GLASS TYPE, LOCK AND HINGE OPTIONS  
OBTAIN LOAD CAPACITIES FROM TABLE 1.  
2- FOR ANCHORS TYPE/SHIMSPACE OBTAIN  
LOAD CAPACITIES FROM TABLE 2.  
3- TRANSOMS FOR SINGLE DOORS ARE LIMITED  
TO 490.0 PSP.  
THE LOWEST VALUES FROM STEPS 1, 2 AND 3  
WILL GOVERN.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
APR 25 2012

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 13-0820.12  
Expiration Date 12/13/2018  
By: [Signature]  
Miami Trade Product Control

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8200 FAX (305) 262-6975  
COMP-ANLW11-40UG

SERIES-MG500 ALUM OUTSWING FRENCH DOOR (L.M.I.)  
**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 66 STREET  
MIAMI, FL. 33166  
TEL (305) 470-8284 FAX (305) 470-8285

REVISIONS:

| NO | DATE     | BY | DESCRIPTION         |
|----|----------|----|---------------------|
| 1  | 02/22/12 | A  | UPDATED TO 2010 FBC |

date: 07-15-11  
scale: 1/2"=1'-0"  
d. by: HAMD  
chk. by:

drawing no.  
**W11-40**  
sheet 1 of 10

- DOUBLE DOORS WITH OR WITHOUT TRANSOMS  
USE CHARTS AS FOLLOWS  
FOR THE CORRESPONDING DOOR SIZE  
1- FOR CLASS TYPE, LOCK AND HINGE OPTIONS  
OBTAIN LOAD CAPACITIES FROM TABLE 3.  
2- FOR JAMB ANCHORS, TYPE/SHIMSPACE OBTAIN  
LOAD CAPACITIES FROM TABLE 4.  
3- FOR HEAD ANCHORS, TYPE/SHIMSPACE OBTAIN  
LOAD CAPACITIES FROM TABLE 5.  
4- USE TYPE AA, BB OR CC ANCHORS AT SILL AS  
APPLICABLE. SEE SADDLE SILL ANCHOR CAPACITY -  
SEE TABLE 5A BELOW.  
THE LOWEST VALUES FROM STEPS 1, 2, 3 AND  
4 WILL GOVERN.

| TABLE #3 DOORS LOAD CAPACITY - PSF<br>DOUBLE DOOR WITHOUT TRANSOM (XX) OR WITH TRANSOM (O/XX) |              |                      |                      |                      |                      |                      |                      |                      |  |
|-----------------------------------------------------------------------------------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| DOOR DIMS.                                                                                    |              | LOCKS                |                      |                      | HINGES               |                      |                      |                      |  |
|                                                                                               |              | TYPE 'A'             | TYPE 'B'/'C'         | OPTION #1            | OPTION #2            | OPTION #3            | OPTION #1            | OPTION #2            |  |
| FRAME WIDTH                                                                                   | FRAME HEIGHT | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) |  |
| 89"                                                                                           | 98-1/2"      | 80.0                 | 90.0                 | 80.0                 | 90.0                 | 90.0                 | 80.0                 | 90.0                 |  |
| 89"                                                                                           | 110-1/2"     | 80.0                 | 80.0                 | 80.0                 | 80.0                 | 80.0                 | 80.0                 | 90.0                 |  |

SEE SHEET 8 FOR GLASS TYPES DESCRIPTION  
SEE SHEET 9 FOR LOCKS AND HINGES DESCRIPTION

| TABLE #4 JAMB ANCHORS LOAD CAPACITY - PSF<br>DOUBLE DOOR WITHOUT TRANSOM (XX) OR WITH TRANSOM (O/XX) |              |                      |                      |                      |                      |                      |
|------------------------------------------------------------------------------------------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| DOOR DIMS.                                                                                           |              | 1/2" SHIM SPACE      |                      | 1/4" SHIM SPACE      |                      |                      |
|                                                                                                      |              | ANCHOR TYPE 'B'      | ANCHOR TYPE 'C'      | ANCHOR TYPE 'A'      | ANCHOR TYPE 'B'      | ANCHOR TYPE 'D'      |
| FRAME WIDTH                                                                                          | FRAME HEIGHT | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) |
| 75"                                                                                                  | 110-1/2"     | 90.0                 | 90.0                 | 90.0                 | 90.0                 | 90.0                 |
| 89"                                                                                                  | 110-1/2"     | 87.0                 | 90.0                 | 90.0                 | 90.0                 | 90.0                 |

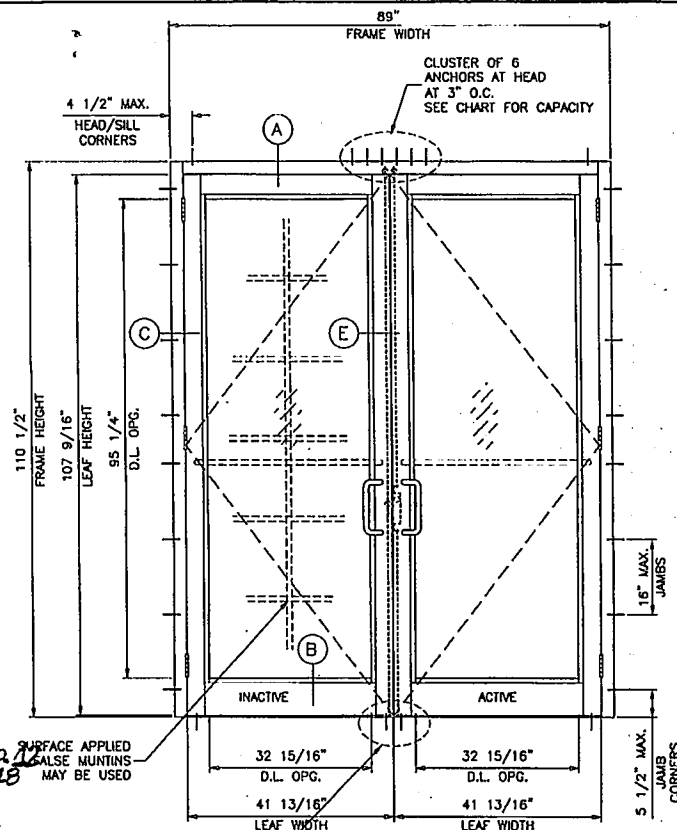
SEE SHEET 3 FOR ANCHOR DESCRIPTION

| TABLE #5 HEAD ANCHORS LOAD CAPACITY - PSF<br>DOUBLE DOOR WITHOUT TRANSOM (XX) OR WITH TRANSOM (O/XX) |              |                      |                      |                      |                      |                      |                      |                      |                      |
|------------------------------------------------------------------------------------------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| DOOR DIMS.                                                                                           |              | 1/2" SHIM SPACE      |                      | 3/8" SHIM SPACE      |                      | 1/4" SHIM SPACE      |                      |                      |                      |
|                                                                                                      |              | ANCHOR TYPE 'B'      | ANCHOR TYPE 'C'      | ANCHOR TYPE 'B'      | ANCHOR TYPE 'C'      | ANCHOR TYPE 'A'      | ANCHOR TYPE 'B'      | ANCHOR TYPE 'C'      | ANCHOR TYPE 'D'      |
| FRAME WIDTH                                                                                          | FRAME HEIGHT | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) |
| 75"                                                                                                  | 98-1/2"      | 80.0                 | 90.0                 | 90.0                 | 90.0                 | 90.0                 | 90.0                 | 90.0                 | 90.0                 |
| 89"                                                                                                  | 98-1/2"      | 80.0                 | 90.0                 | 76.0                 | 90.0                 | 90.0                 | 90.0                 | 90.0                 | 90.0                 |
| 75"                                                                                                  | 110-1/2"     | 90.0                 | 90.0                 | 80.0                 | 90.0                 | 90.0                 | 90.0                 | 90.0                 | 90.0                 |
| 89"                                                                                                  | 110-1/2"     | 79.0                 | 90.0                 | 68.0                 | 90.0                 | 90.0                 | 83.0                 | 90.0                 | 90.0                 |

SEE SHEET 3 FOR ANCHOR DESCRIPTION

| TABLE #5A SADDLE SILL ANCHORS LOAD CAPACITY - PSF<br>SINGLE OR DOUBLE DOORS WITH OR WITHOUT TRANSOMS |          |                      |                      |                      |
|------------------------------------------------------------------------------------------------------|----------|----------------------|----------------------|----------------------|
| DOOR DIMS.                                                                                           |          | ANCHOR TYPE 'B'      |                      | ANCHOR TYPE 'C'      |
|                                                                                                      |          | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) |
| 75"                                                                                                  | 98-1/2"  | 86.0                 | 90.0                 |                      |
| 89"                                                                                                  | 98-1/2"  | 72.0                 | 90.0                 |                      |
| 75"                                                                                                  | 110-1/2" | 76.0                 | 90.0                 |                      |
| 89"                                                                                                  | 110-1/2" | 64.0                 | 86.0                 |                      |

SEE SHEET 3 FOR ANCHOR DESCRIPTION



PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 13-082018  
Expiration Date 12/13/2018  
By: [Signature]  
Miami Dade Product Control

ANCHORS AT SILL  
CLUSTER OF 4 AT 3\"/>

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 12-051723  
Expiration Date 12/13/2013  
By: [Signature]  
Miami Dade Product Control

SEE SHEET 3 FOR ELEVATION (O/XX)

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-04 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219

Engr: JAVAD AHMAD  
CIVIL  
FLA. P.E. # 70592  
C.A.N. 3538  
APR 15 2012

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12335 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANLW11-40UG

**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 66 STREET  
MIAMI, FL. 33166  
TEL (305) 470-8284 FAX (305) 470-8285

Revisions:  
NO DATE BY Description  
A 02/28/12 NO CHANGE THIS SHEET

Scale: 1/2" = 1'-0"  
Dr. by: HAND  
chk. by:

drawing no.  
**W11-40**  
Sheet 2 of 10

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

**TYPE 'A' 1/2" DIA ULTRACON BY 'ELCO'** (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
WITH 1-3/8" MIN. PENETRATION INTO WOOD  
THRU 1BY WOOD BUCKS INTO CONCRETE  
WITH 1-1/4" MIN. EMBED INTO CONCRETE

DIRECTLY INTO CONCRETE WITH 1-3/8" EMBED

DIRECTLY INTO C90 FILLED BLOCK (JAMBS ONLY)  
WITH 1-1/4" MIN. EMBED INTO MASONRY

**ANCHOR EDGE DISTANCES**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
INTO WOOD STRUCTURE = 1" MIN.

**TYPE 'B' 1/4" DIA KWIK CON II BY 'HILTI'** (Fu=163 KSI, Fy=157 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
WITH 1-3/8" MIN. PENETRATION INTO WOOD  
THRU 1BY WOOD BUCKS INTO CONCRETE  
WITH 1-1/4" MIN. EMBED INTO CONCRETE

DIRECTLY INTO CONCRETE WITH 1-3/8" EMBED

DIRECTLY INTO C90 FILLED BLOCK (JAMBS ONLY)  
WITH 1-1/2" MIN. EMBED INTO MASONRY

**ANCHOR EDGE DISTANCES**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
INTO WOOD STRUCTURE = 1" MIN.

**TYPE 'C' 5/16" DIA ULTRACON BY 'ELCO'** (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
WITH 1-3/8" MIN. PENETRATION INTO WOOD  
THRU 1BY WOOD BUCKS INTO CONCRETE  
WITH 1-1/4" MIN. EMBED INTO CONCRETE

DIRECTLY INTO CONCRETE WITH 1-3/8" EMBED

DIRECTLY INTO C90 FILLED BLOCK (JAMBS ONLY)  
WITH 1-1/2" MIN. EMBED INTO MASONRY

**ANCHOR EDGE DISTANCES**

INTO CONCRETE AND MASONRY = 2-1/2" MIN. (AT HEAD/SILL)  
INTO CONCRETE AND MASONRY = 2-3/4" MIN. (AT JAMBS)  
INTO WOOD STRUCTURE = 1" MIN.

**TYPE 'D' (HEAD OR JAMB)**

**#14 SMS OR SELF DRILLING SCREWS** (Fu=92 KSI, Fy=120 KSI)

D: INTO METAL STRUCTURES

STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

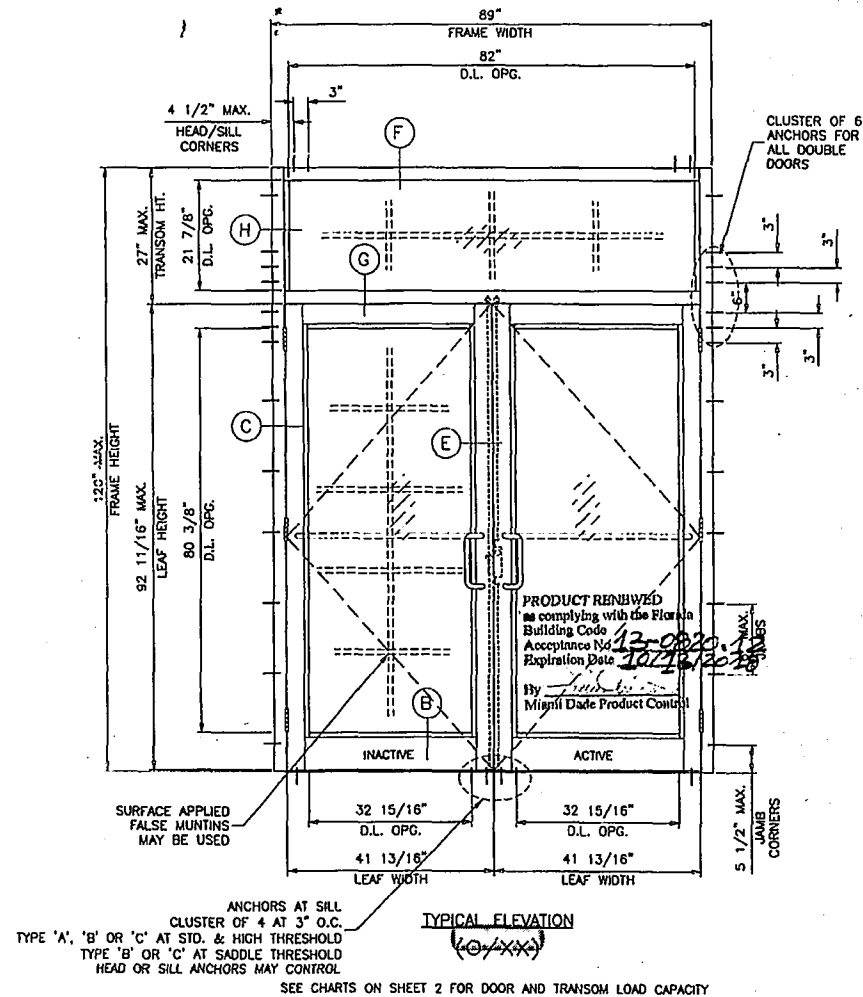
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**ANCHOR EDGE DISTANCES**

INTO METAL STRUCTURE = 1/2" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



Engr: JAVAD AHVAD  
CML  
FLA. PE # 70592  
C.A.N. 3536

APR 25 2012

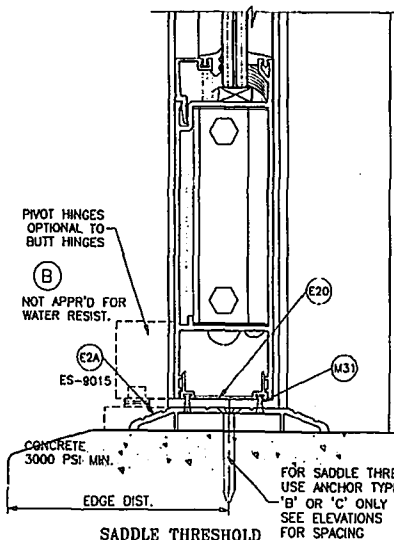
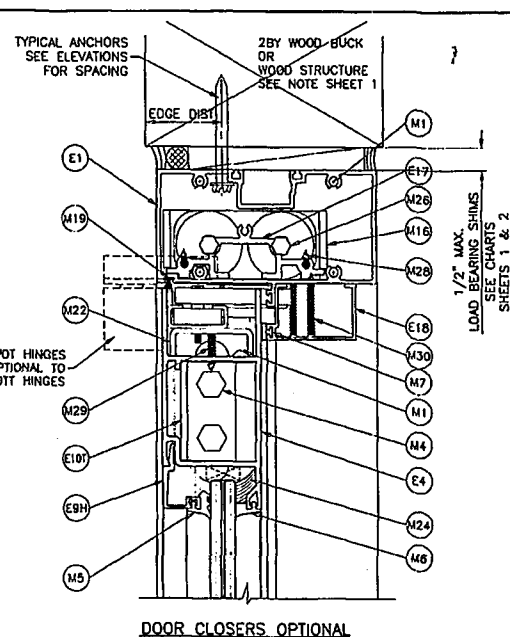
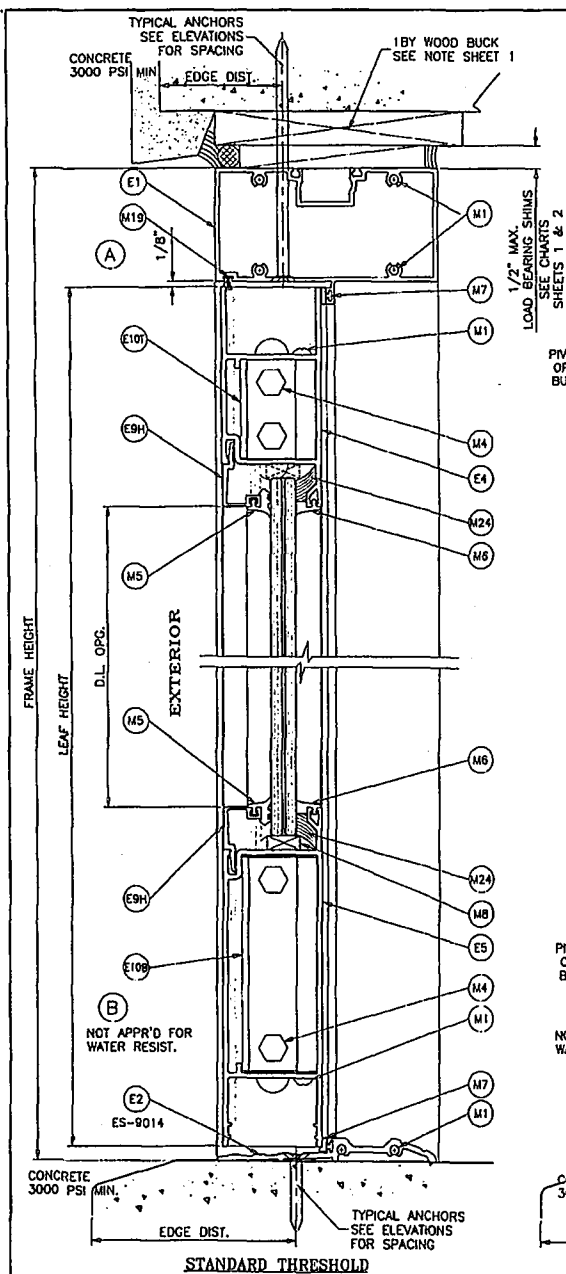
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-8978  
COMP-ANL W11-40UG

SERIES-4650 ALUM OUTSWING FRENCH DOOR (L.M.D.)  
**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 66 STREET  
MIAMI, FL. 33166  
TEL (305) 470-8284 FAX (305) 470-8285

|          |          |    |                      |
|----------|----------|----|----------------------|
| REV. NO. | DATE     | BY | DESCRIPTION          |
| 1        | 03-29-12 | A  | NO CHANGE THIS SHEET |

|                |                   |
|----------------|-------------------|
| DATE: 07-15-11 | SCALE: 1/2"=1'-0" |
| DR. BY: HAMID  | CHECK BY:         |

drawing no.  
**W11-40**  
sheet 3 of 10

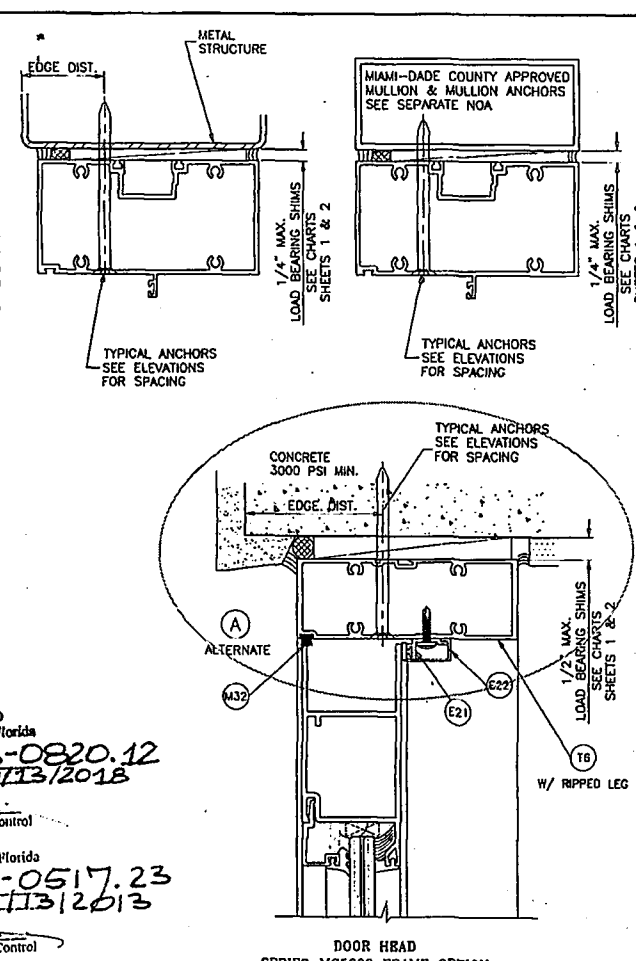
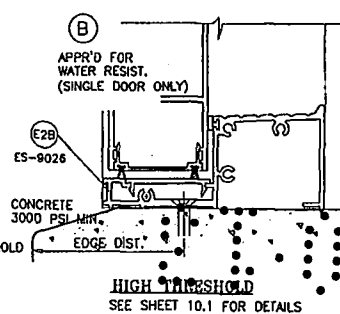


PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. **13-0820.12**  
Expiration Date **10/13/2018**

By *[Signature]*  
Miami Dade Product Control

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. **12-0517.23**  
Expiration Date **10/13/2013**

By *[Signature]*  
Miami Dade Product Control



DOORS SHOWN WITH SERIES-9500 FRAMES  
CAN ALSO BE USED WITH SERIES-MG5000 FRAMES,  
HAVING CURRENT NOA. LOWER DESIGN PRESSURE  
WILL CONTROL.

Engr. JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

APR 25 2012

**a f c**

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL W11-40MG

SERIES-MG5000 ALUM. OUTSWING FRENCH DOOR (L.M.I.)

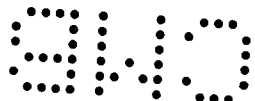
**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 66 STREET  
MIAMI, FL. 33166  
TEL (305) 470-8284 FAX (305) 470-8285

| REV | DATE     | BY | DESCRIPTION          |
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| 1   | 03/28/12 | A  | NO CHANGE THIS SHEET |

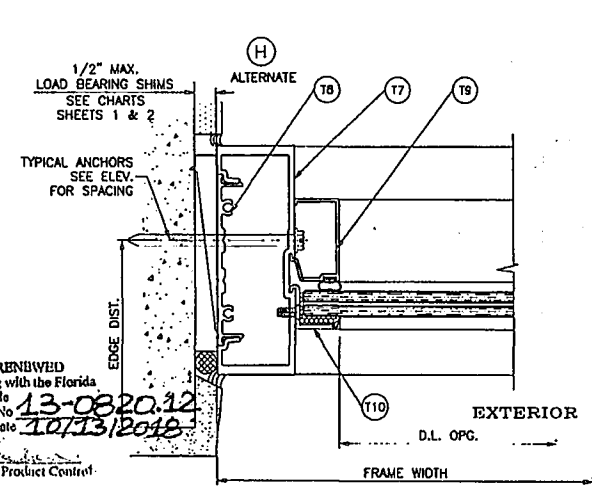
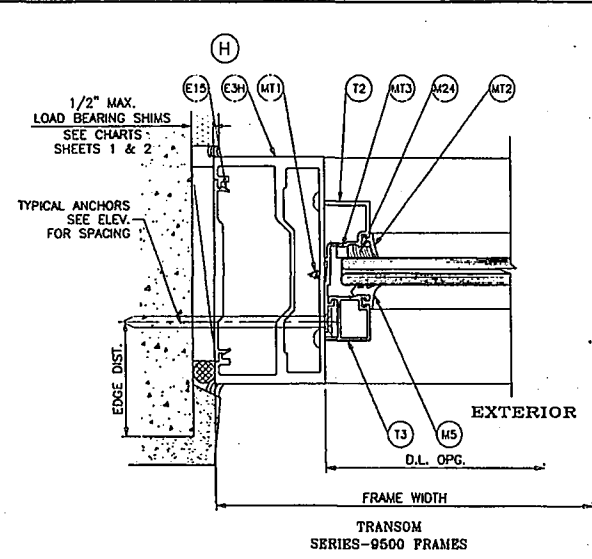
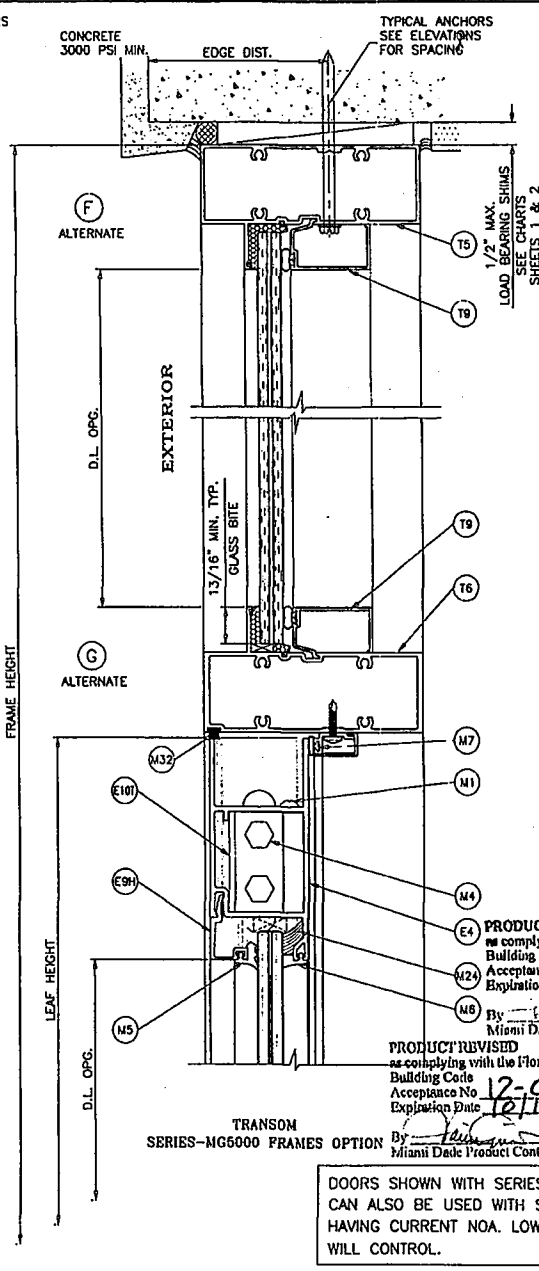
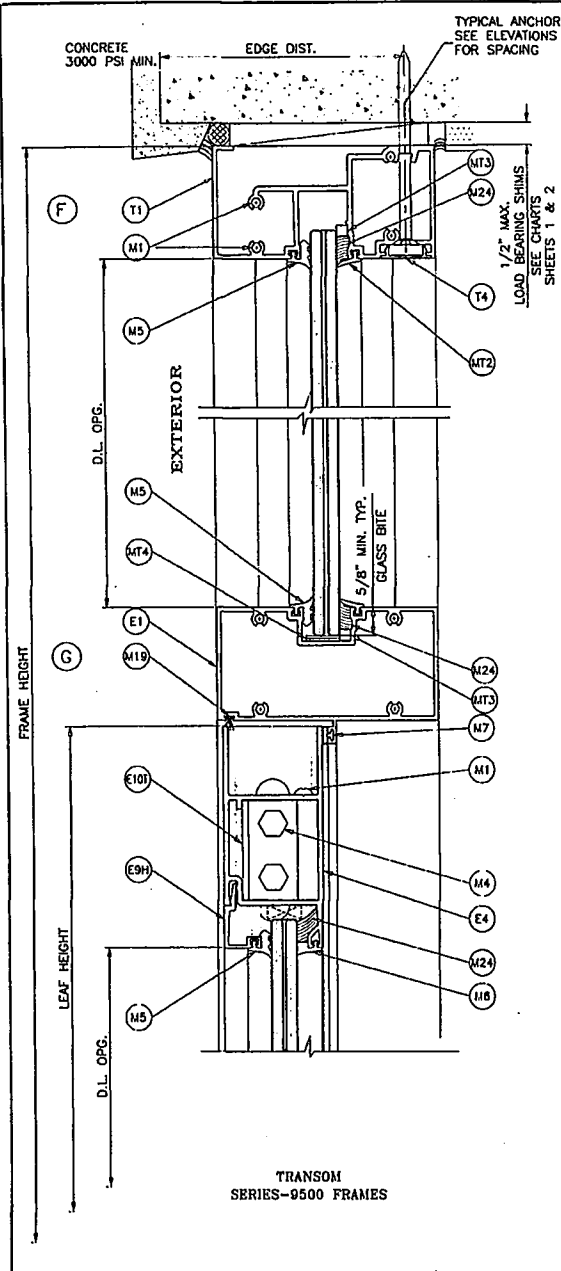
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dr: JF: HAMD  
chk: JF:

drawing no.  
**W11-40**

sheet 4 of 10







PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 13-0820.12 Expiration Date 10/13/2016

By [Signature] Miami Dade Product Control

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 12-0517.23 Expiration Date 12/13/2013

By [Signature] Miami Dade Product Control

DOORS SHOWN WITH SERIES-9500 FRAMES CAN ALSO BE USED WITH SERIES-MG5000 FRAMES HAVING CURRENT NOA. LOWER DESIGN PRESSURE WILL CONTROL.

Engr. JAVAD AHMAD CML FLA. PE # 70592 C.A.N. 3538

APR 25 2012

**af c**

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1239 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX (305) 262-6975  
COMP-ANL W11-40UG

SERIES-MG500 ALUM OUTSWING FRENCH DOOR (L.M.L.)

**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 66 STREET  
MIAMI, FL. 33166  
TEL. (305) 470-8284 FAX (305) 470-8285

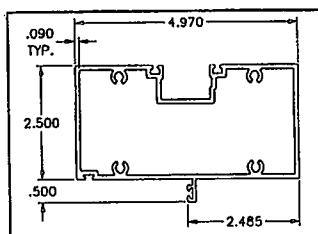
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Revisions:

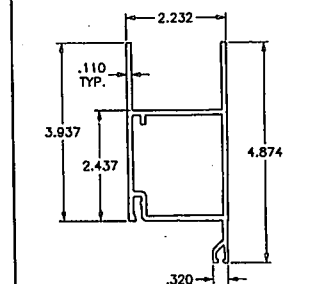
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Des. by: HAUD  
Chk. by:

Drawing no.  
**W11-40**

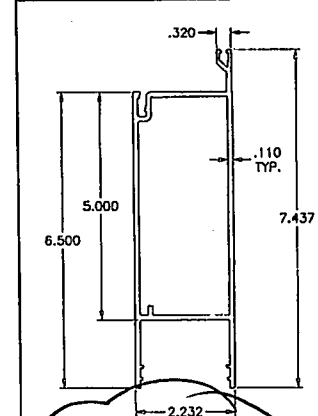
Sheet 6 of 10.1



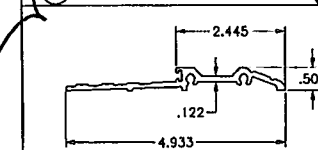
E1 DOOR HEADER Series MG500



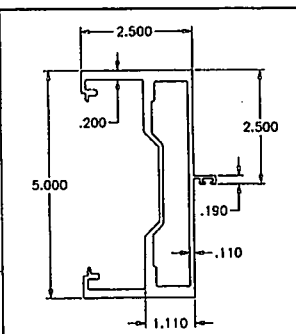
E4 TOP RAIL



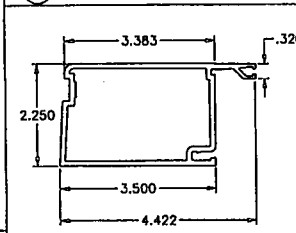
E5 BOTTOM RAIL



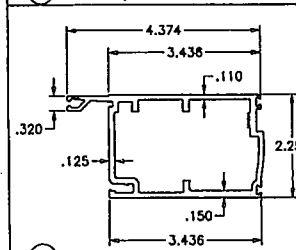
E2 THRESHOLD ES9014



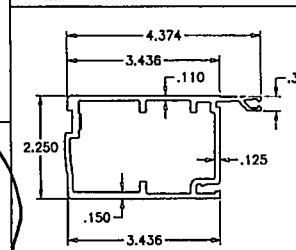
E3 DOOR JAMB Series MG500



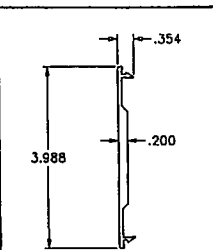
E6 HINGE/LOCK STILE



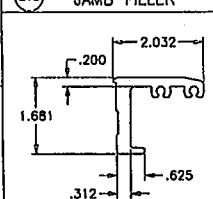
E7 MEETING STILE - INACTIVE LEAF



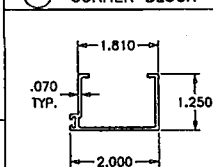
E8 MEETING STILE - ACTIVE LEAF



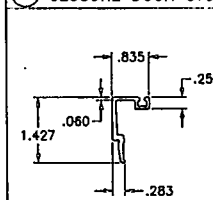
E15 JAMB FILLER



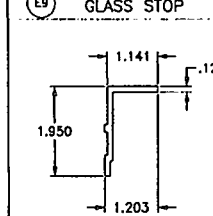
E10 CORNER BLOCK



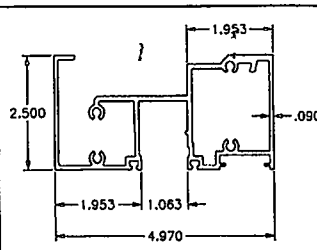
E18 CLOSURE DOOR STOP



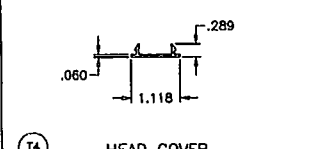
E9 GLASS STOP



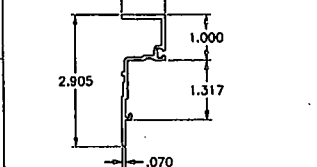
E14 LOCK BACK UP PLATE



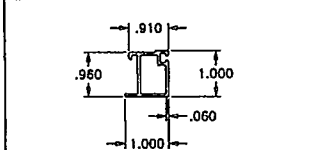
T1 TRANSOM HEADER Series 9500



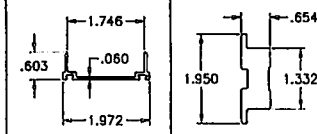
T4 HEAD COVER



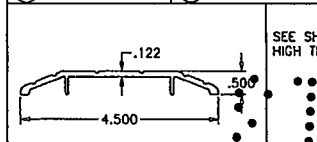
T2 TRANSOM ADAPTER



T3 TRANSOM GLASS STOP



E20 DOOR SWEEP

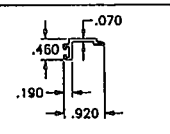


E11 CORNER PLATE

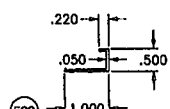


E2A ALTERNATE THRESHOLD ES9015

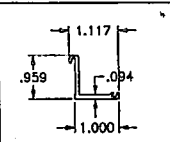
ALTERNATE OPTION (Series S-MG5000)



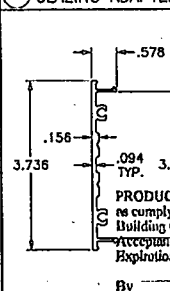
E21 DOOR STOP



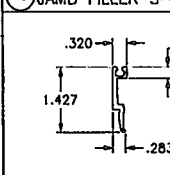
E22 DOOR STOP COVER



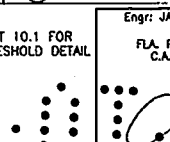
T10 TRANSOM GLAZING ADAPTER



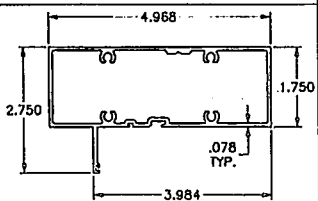
T8 JAMB FILLER S-MG5000



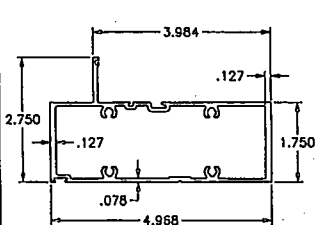
E9 GLASS STOP (INSUL. LAM. GLASS)



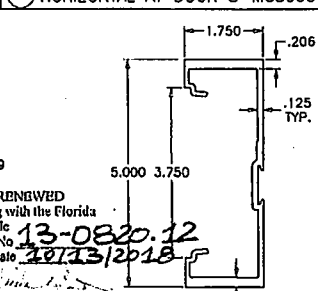
E21 DOOR STOP



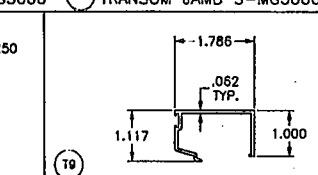
T5 TRANSOM HEAD S-MG5000



T6 HORIZONTAL AT DOOR S-MG5000



T7 TRANSOM JAMB S-MG5000



T9 TRANSOM GLASS STOP S-MG5000

PRODUCT REBUILT  
as complying with the Florida  
Building Code  
Acceptance No. 13-0820.12  
Expiration Date 10/13/2018  
By Miami Dade Product Control

SEE SHEET 10.1 FOR  
HIGH THRESHOLD DETAIL

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

PRODUCT REBUILT  
as complying with the Florida  
Building Code  
Acceptance No. 12-0517.23  
Expiration Date 10/13/2013  
By Miami Dade Product Control

**af c**

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 262-6978  
FAX (305) 262-6978  
COMP-ANAL W11-40UG

SERIES-MG5000 ALUM. OUTSWING FRENCH DOOR (L.M.I.)

**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 66 STREET  
MIAMI, FL 33166  
TEL (305) 470-8284  
FAX (305) 470-8285

REVISIONS: (DATE) BY DESCRIPTION

1. 07-15-11 A 10/23/12 NO CHANGE THIS SHEET

DATE: 07-15-11

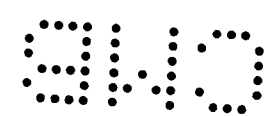
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DR. BY: HAND

CHECK BY:

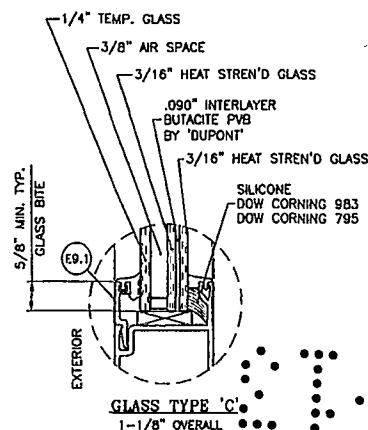
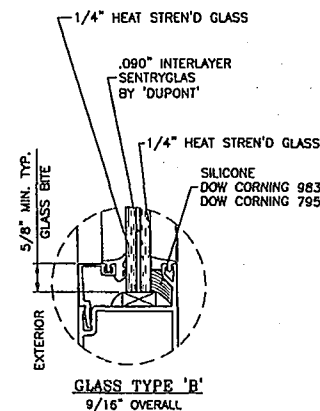
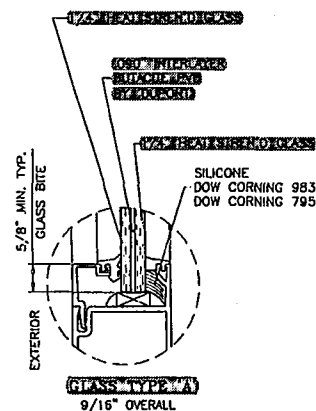
DRAWING NO. W11-40

SHEET 7 OF 10



| ITEM # | PART #      | QUANTITY  | DESCRIPTION                              | MATERIAL | MANF./SUPPLIER/REMARKS     |
|--------|-------------|-----------|------------------------------------------|----------|----------------------------|
| E1     | ES9012      | 1         | DOOR HEADER                              | 6063-T6  | -                          |
| E2     | ES0014      | 1         | STANDARD THRESHOLD                       | 6063-T6  | -                          |
| E2A    | ES9015      | 1         | SADDLE THRESHOLD                         | 6063-T6  | -                          |
| E2B    | ES-9026     | 1         | HIGH THRESHOLD                           | 6063-T6  | -                          |
| E2C    | ES-9027     | 1         | THRESHOLD COVER                          | 6063-T5  | -                          |
| E3H    | ES9013      | 2         | DOOR JAMB - HINGE                        | 6063-T6  | -                          |
| E4     | ES9001      | 2         | TOP RAIL                                 | 6063-T5  | -                          |
| E5     | ES9002      | 2         | BOTTOM RAIL                              | 6063-T6  | -                          |
| E6H    | ES9003      | 2         | HINGE/LOCK STILE                         | 6063-T5  | -                          |
| E7     | ES9006      | 1         | MEETING STILE - INACTIVE LEAF            | 6063-T5  | -                          |
| E8     | ES9007      | 1         | MEETING STILE - ACTIVE LEAF              | 6063-T5  | -                          |
| E9H    | ES9004      | 4         | HORIZONTAL GLASS STOP                    | 6063-T5  | -                          |
| E9V    | ES9004      | 4         | VERTICAL GLASS STOP                      | 6063-T5  | -                          |
| E9.1   | ES-9029     | 4         | GLASS STOP (INSUL. LAM. GLASS)           | 6063-T5  | -                          |
| E10T   | ES9008      | 4         | CORNER BLOCK - TOP                       | 6063-T5  | -                          |
| E10B   | ES9008      | 4         | CORNER BLOCK - BOTTOM                    | 6063-T5  | -                          |
| E11T   | ES9009      | 4         | CORNER PLATE - TOP                       | 6063-T5  | -                          |
| E11B   | ES9009      | 4         | CORNER PLATE - BOTTOM                    | 6063-T5  | -                          |
| E12    | ES9010      | 4         | SUPPORT ANGLE                            | 6063-T5  | 3/4" x 1" x 1/8" x 9" LONG |
| E13    | ES9011      | AS REQ.   | HINGE BACKUP PLATE REINFORCEMENT         | 6063-T5  | -                          |
| E14    | ES9020      | 1         | LOCK BACKUP PLATE REINFORCEMENT          | 6063-T5  | -                          |
| E15    | ES9016      | AS REQ.   | JAMB FILLER                              | 6063-T6  | -                          |
| E16    | ES9017      | AS REQ.   | REINFORCEMENT                            | 6063-T6  | -                          |
| E17    | ES9021      | 1/ CLOSER | CLOSER SUPPORT CLIPS (PAIR)              | 6063-T5  | -                          |
| E18    | ES9022      | 1         | CLOSER DOOR STOP                         | 6063-T5  | -                          |
| E19    | ES9023      | 1/ CLOSER | CLOSER COVER PLATE                       | 6063-T5  | -                          |
| E20    | ES9005      |           | DOOR SWEEP                               | -        | -                          |
| E21    | ES9051      |           | DOOR STOP                                | -        | -                          |
| E22    | ES9052      |           | DOOR STOP COVER                          | -        | -                          |
| M1     |             | 28        | #12 x 1" P.H. ST/ST SMS                  | -        | -                          |
| M2     |             | AS REQ.   | #12 - 24 x 1/2" F.H. ST/ST MS            | -        | -                          |
| M3     |             | 18        | #8 - 32 x 1/2" P.H. ST/ST MS             | -        | -                          |
| M4     |             | 16        | 3/8" - 16 x 1" HEX. BOLT                 | -        | -                          |
| M5     | ESMG500-G0  | AS REQ.   | WEDGE GASKET                             | EPDM     | DUROMETER 70               |
| M6     | ESMG500-G02 | AS REQ.   | SPACER GASKET                            | EPDM     | DUROMETER 70               |
| M7     | ESMG500-G03 | AS REQ.   | BULB VINYL, BASE-POLYPROPYLENE, BULB-TPE | -        | ULTRAFAB, DUROMETER 73     |
| M8     | ESMG500-B1  | 8         | SETTING BLOCK                            | EPDM     | DUROMETER 80               |
| M9     |             | AS REQ.   | HINGE 4 1/2" x 4"                        | -        | -                          |
| M9A    |             | AS REQ.   | OFFSET PIVOT HINGE                       | ALUMINUM | -                          |
| M12    |             | 1         | 3 POINT LOCK                             | -        | -                          |
| M13    |             | 1         | KEY CYLINDER                             | -        | -                          |
| M14    |             | 1         | THUMBTURN                                | -        | -                          |
| M15    |             | 1         | 2 POINT LOCK                             | -        | -                          |
| M16    |             | 1/ LEAF   | DOOR CLOSURE                             | -        | -                          |
| M17    |             | 2         | PUSH - PULL                              | -        | -                          |
| M19    | W13273NK    | AS REQ.   | PILE - HEADER                            | -        | -                          |
| M20    | W23451NK    | AS REQ.   | PILE - MTG STILES                        | -        | -                          |
| M22    |             | 1/ CLOSER | CHANNEL SPACER 5/8" x 1-3/4"             | -        | -                          |
| M23    |             | 2         | THRESHOLD CLIP                           | -        | -                          |
| M24    |             | AS REQ.   | STRUCTURAL SILICONE                      | -        | -                          |
| M25    |             | AS REQ.   | SILICONE                                 | -        | -                          |
| M26    |             | 2/ CLOSER | 1/4 - 20 x 2" HEX. BOLT                  | -        | -                          |
| M27    |             | 3/ CLOSER | #10 x 1" P.H. ST/ST SMS                  | -        | -                          |
| M28    |             | 6/ CLOSER | #10 x 3/4" F.H. ST/ST SMS                | -        | -                          |
| M29    |             | 3/ CLOSER | #10 x 1" F.H. ST/ST SMS                  | -        | -                          |
| M30    |             | AS REQ.   | #8 x 1 1/2" F.H. ST/ST SMS               | -        | -                          |
| M31    | W13351NK    | AS REQ.   | PILE - DOOR SWEEP                        | -        | -                          |
| M32    | W13275NK    | AS REQ.   | PILE - HEADER                            | -        | -                          |

| ITEM # | PART # | QUANTITY | DESCRIPTION                 | MATERIAL | MANF./SUPPLIER/REMARKS |
|--------|--------|----------|-----------------------------|----------|------------------------|
| T1     | ES9506 |          | TRANSOM HEADER Series 9500  | 6063-T6  | -                      |
| T2     | ES9019 |          | TRANSOM ADAPTER             | 6063-T5  | -                      |
| T3     | ES9018 |          | TRANSOM GLASS STOP          | 6063-T5  | -                      |
| T4     | ES9502 |          | HEAD COVER                  | 6063-T5  | -                      |
| MT1    |        |          | #10 x 1/2" F.H. ST/ST SMS   | -        | -                      |
| MT2    |        |          | TRIM GASKET                 | SILICONE | -                      |
| MT3    |        |          | INTERIOR SPACER 1/4" x 1/4" | FOAM     | -                      |
| MT4    |        |          | SETTING BLOCKS 1/16" x 3/4" | EPDM     | DUROMETER 65           |
| T5     | ES8005 | AS REQ.  | TRANSOM HEAD S-MG5000       | 6005-T6  | -                      |
| T6     | ES8013 | AS REQ.  | HORIZONTAL AT DOOR S-MG5000 | 6005-T6  | -                      |
| T7     | ES8012 | AS REQ.  | TRANSOM JAMB S-MG5000       | 6005-T6  | -                      |
| T8     | ES8003 | AS REQ.  | JAMB FILLER S-MG5000        | 6005-T5  | -                      |
| T9     | ES8006 | AS REQ.  | TRANSOM GLASS STOP S-MG5000 | 6063-T5  | -                      |
| T10    | ES8014 | AS REQ.  | TRANSOM GLAZING ADAPTER     | 6063-T6  | -                      |



GLAZING OPTIONS

PRODUCT REBUILT  
as complying with the Florida  
Building Code  
Acceptance No. **13-0820.12**  
Expiration Date **10/13/2018**

By *[Signature]*  
Miami Dade Product Control

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. **12-0517.23**  
Expiration Date **10/13/2013**

By *[Signature]*  
Miami Dade Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

APR 26 2012

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-3100 FAX (305) 262-8978  
COMP-ANI W11-40MG

SERIES-MG500 ALUM OUTSIRING FRENCH DOOR (L.M.L.)  
**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 66 STREET  
MIAMI, FL. 33166  
TEL (305) 470-8284 FAX (305) 470-8285

| REVISIONS: | DATE     | BY | DESCRIPTION   |
|------------|----------|----|---------------|
| 1          | 03-26-12 | A  | SILICONE REV. |

date: 07-15-11  
scale: 3/8" = 1"  
dr. by: HAWD  
chd. by:

drawing no.  
**W11-40**  
sheet 8 of 10.

**LOCKS:** (See Table #1 or #3 for Load Capacities)

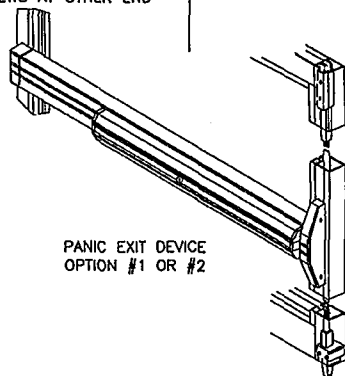
**OPTION #1:**

CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'JACKSON PANIC SYSTEM' #1285 LOCATED AT 41" FROM SILL AT EACH LEAF.

- FASTENED WITH  
(1) #14 X 1" HH SELF DRILLING SCREW AT ONE END AND  
(2) #12-24 X 1/2" OH MACHINE SCREWS AT OTHER END

OR  
CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'ADAMS RITE' LOCATED AT 40" FROM SILL AT EACH LEAF.

- FASTENED WITH  
(2) #10-32 X 3/4" FH MACHINE SCREWS AT ONE END AND  
(2) #10-24 X 1/2" FH MACHINE SCREWS AT OTHER END



PANIC EXIT DEVICE  
OPTION #1 OR #2

**OPTION #2:**

CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'JACKSON PANIC SYSTEM' #2086 LOCATED AT 41" FROM SILL AT EACH LEAF.

- FASTENED WITH  
(1) #14 X 1" HH SELF DRILLING SCREW AT ONE END AND  
(2) #12-24 X 1/2" OH MACHINE SCREWS AT OTHER END

OR  
CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'DOR-O-MATIC' LOCATED AT 40" FROM SILL AT EACH LEAF.

- FASTENED WITH  
(2) #12-24 X 1/2" FH MACHINE SCREWS AT ONE END

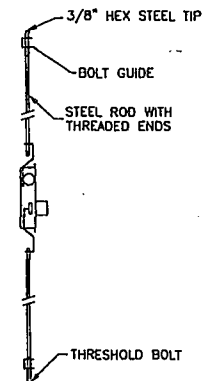
**OPTION #3:**

**ACTIVE LEAF:**

KEY OPERATED THREE POINT LOCK SYSTEM BY 'ADAMS RITE' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE AND A THUMB TURN ON THE INTERIOR, LOCATED AT 40" FROM BOTTOM OF PANEL FASTENED WITH  
(2) #12-24 X 1/2" FH MACHINE SCREWS

**INACTIVE LEAF:**

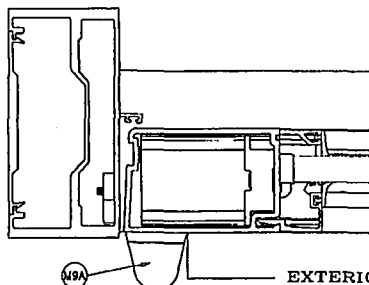
MANUALLY OPERATED TWO POINT LOCK SYSTEM BY 'ADAMS RITE' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE AND A THUMB TURN ON THE INTERIOR, LOCATED AT 40" FROM BOTTOM OF PANEL FASTENED WITH  
(2) #8-32 X 1/4" PH MACHINE SCREWS



**HINGES:** (See Table #1 or #3 for Load Capacities)

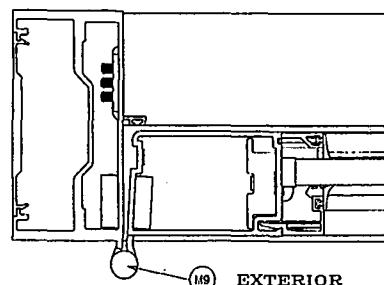
**OPTION #1:**

OFFSET PIVOT HINGES  
ALUMINUM AT TOP AND BOTTOM  
FASTENED TO FRAME AND THRESHOLD WITH  
#10-24 X 1/2" FH THREAD CUTTING SCREWS  
(2) AT THRESHOLD, (2) AT JAMB BOTTOM  
(3) AT FRAME HEAD  
HEAVY DUTY BRASS OR BRONZE AT MIDSPAN  
FASTENED TO FRAME AND LEAF WITH  
(4) 1/4-20 X 5/8" MS



**OPTION #2:**

4 X 4-1/2" ST. STEEL BALL BEARING BUTT HINGES  
LOCATED AT  
11" FROM TOP & BOTTOM AND AT MIDSPAN  
FASTENED TO DOOR FRAME AND LEAF STILE WITH  
(4) #12-24 X 1/2" FH MACHINE SCREWS PER HASP



PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 13-0820.12  
Expiration Date 12/13/2018

By: *[Signature]*  
Miami Dade Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0517.23  
Expiration Date 10/13/2018  
By: *[Signature]*  
Miami Dade Product Control

APR 25 2012

a f c

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 262-8100 FAX (305) 262-8978  
COMP-ANI\W11-40MG

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**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 86 STREET  
MIAMI, FL. 33156  
TEL (305) 470-8284 FAX (305) 470-8285

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| REVISIONS:              |                       |
|-------------------------|-----------------------|
| NO. DATE BY DESCRIPTION | NO. CHANGE THIS SHEET |
| 1 03/25/12 A            | 1                     |

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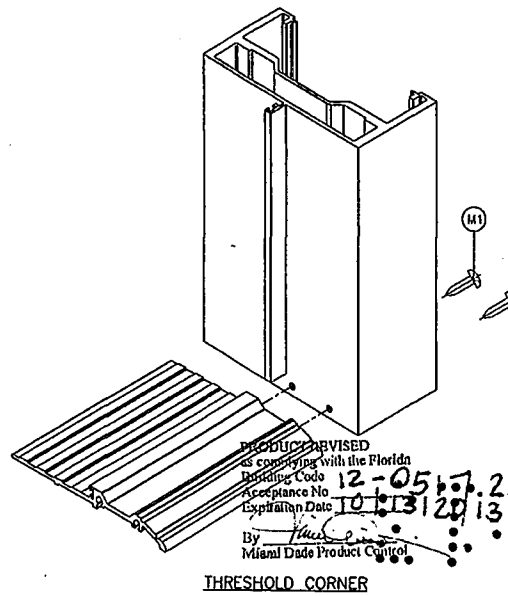
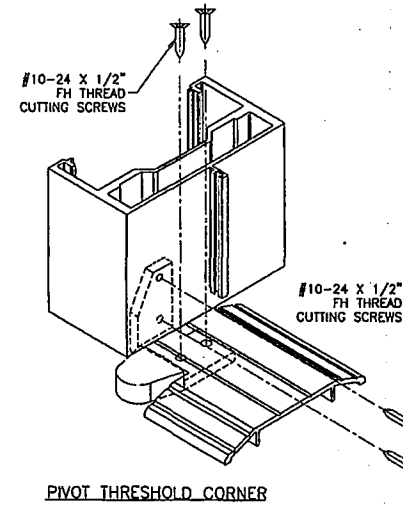
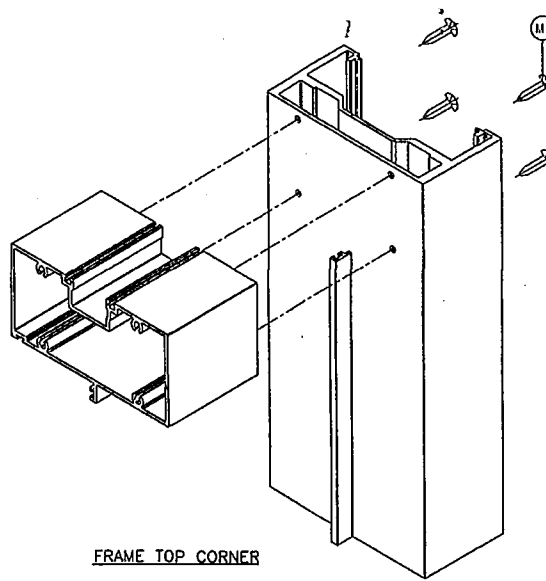
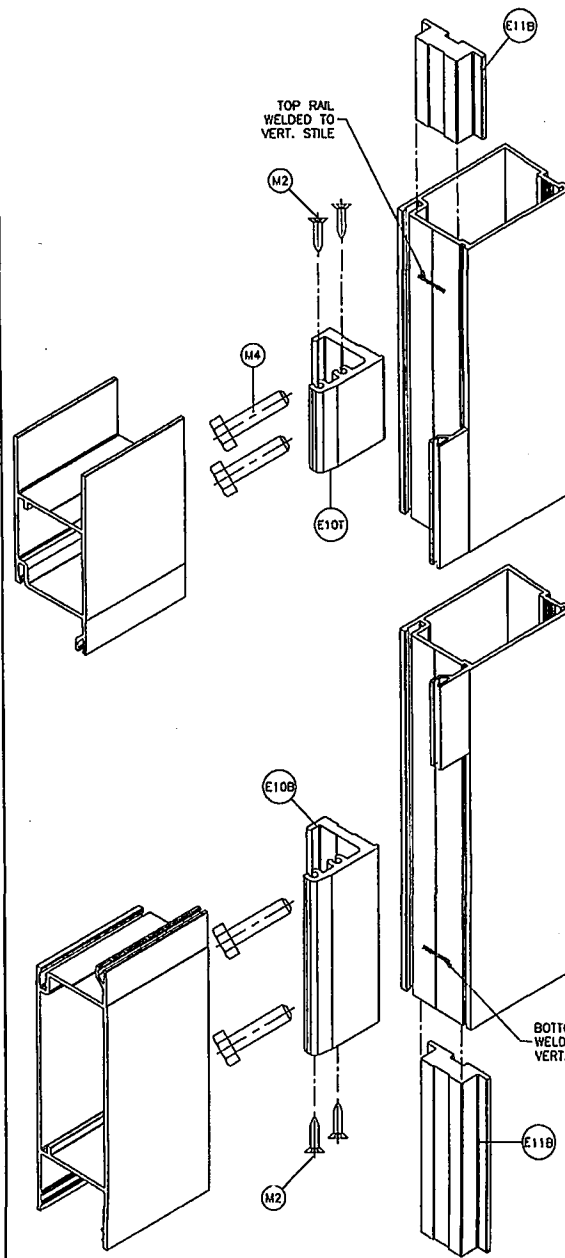
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dr. by: HAWD  
chk. by:

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drawing no.  
**W11-40**

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sheet 9 of 10



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0517-23  
Expiration Date 10/13/2013  
By: [Signature]  
Miami Dade Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70502  
C.A.N. 3530  
APR 25 2012

PRODUCT REBUILT  
as complying with the Florida  
Building Code  
Acceptance No. 13-0820-12  
Expiration Date 10/13/2018  
By: [Signature]  
Miami Dade Product Control

COMP-ANI-W11-40NG

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-8978

SERIES-M500 ALUM OUTSWING FRENCH DOOR (LUL)

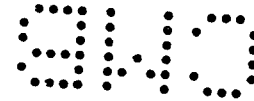
**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 66 STREET  
MIAMI, FL. 33166  
TEL. (305) 470-8284 FAX. (305) 470-8285

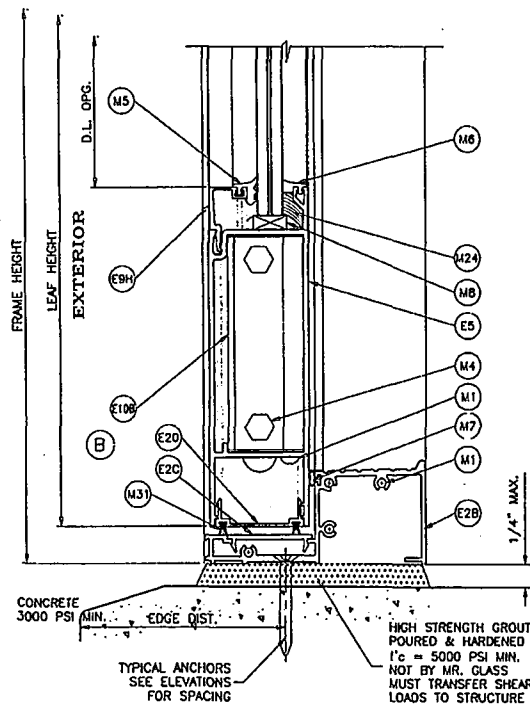
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date: 07-15-11  
scale: 3/8" = 1"  
des. by: HAUD  
chk. by:

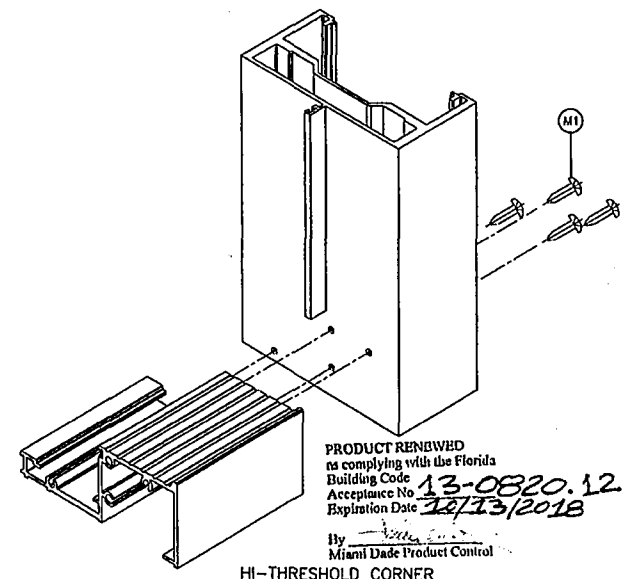
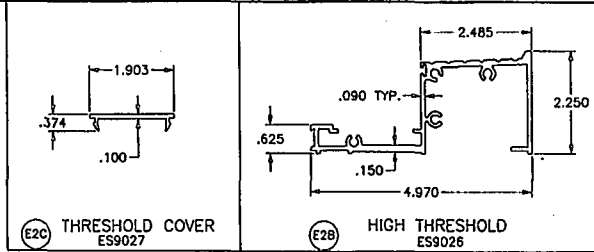
drawing no.  
**W11-40**

sheet 10 of 10





**HIGH THRESHOLD OPTION**  
 APPROVED FOR WATER RESISTANCE WHEN USED WITH SINGLE DOORS  
 NOT APPROVED FOR WATER RESISTANCE WHEN USED WITH DOUBLE DOORS



**HI-THRESHOLD CORNER**  
 Engr: JAVAD AHMAD  
 CIVIL  
 FLA. P.E. # 70592  
 C.A.N. 3535  
 APR 25 2012

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 Acceptance No. 12-0517.23  
 Expiration Date 10/13/2013  
 By: [Signature]  
 Miami Dade Product Control

a f c

**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL W11-40MG

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**MR. GLASS DOORS & WINDOWS INC.**  
 7440 N.W. 66 STREET  
 MIAMI, FL. 33156  
 TEL. (305) 470-8284 FAX. (305) 470-8285

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**REVISIONS:**

| DATE     | BY | DESCRIPTION          |
|----------|----|----------------------|
| 07-15-11 | BY | NO CHANGE THIS SHEET |
| 03-28-12 | A  | NO CHANGE THIS SHEET |

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Scale: 3/8" = 1"  
 Dr. by: HAND  
 Chk. by:

---

drawing no.  
**W11-40**  
 sheet 10.1 of 10.1



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

**Mr. Glass Doors & Windows, Inc.**

7440 NW 66<sup>th</sup> Street  
Miami, FL 33166

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### **DESCRIPTION: Series "MG5000" Aluminum Window Wall System - L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. W11-39, titled "Series MG5000 Alum. Window Wall System (L.M.I.)", sheets 1 through 12 of 12, dated 07/15/11, with revision A dated 03/05/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### **MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved" unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA# 12-0328.06 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



*MP*  
3/5/13

NOA No. 13-0107.03  
Expiration Date: April 03, 2013  
Approval Date: March 14, 2013

Mr. Glass Doors & Windows, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. W11-39, titled "Series MG5000 Alum Window Wall System (J.M.I.)" Sheets 1 through 12 of 12, dated 07/15/11, with revision A dated 03/05/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.  
(Submitted under previous NOA#12-0328.06)

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-5447, dated 12/19/07, signed and sealed by Michael R. Wenzel, P.E.  
(Submitted under previous NOA # 08-1114.16)

**C. CALCULATIONS:**

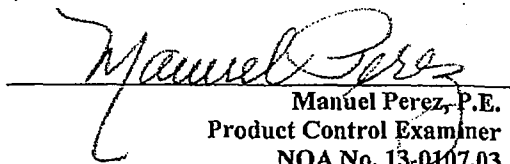
1. Anchor verification calculations and structural analysis, complying with FBC-2004 and FBC 2007, prepared by Al-Farooq Corporation, dated 09/02/08, signed and sealed by Humayoun Farooq, P.E.  
(Submitted under previous NOA#11-0720.09)
2. Glazing complies with ASTM E1300-04

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. 11-0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont SentryGlas® Interlayer" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. 11-0624.01 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Butacite® PVB Interlayer" dated 09/08/11, expiring on 12/11/16.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 13-0107.03  
Expiration Date: April 03, 2018  
Approval Date: March 14, 2013

Mr. Glass Doors & Windows, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

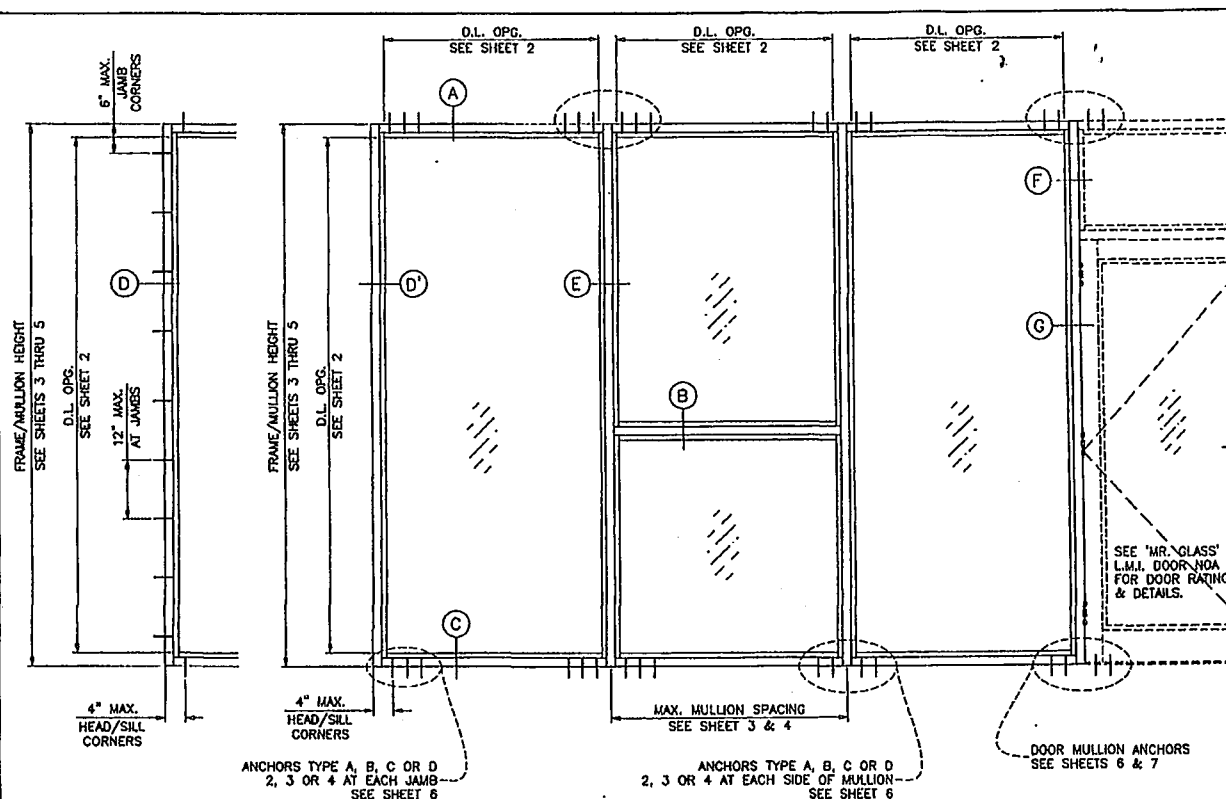
**F. STATEMENTS**

1. Statement letter of conformance, complying with FBC-2010, dated December 19, 2012, signed and sealed by Javad Ahmad, P.E.
2. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated March 05, 2012, signed and sealed by Javad Ahmad, P.E.  
*(Submitted under previous NOA#12-0328.06)*

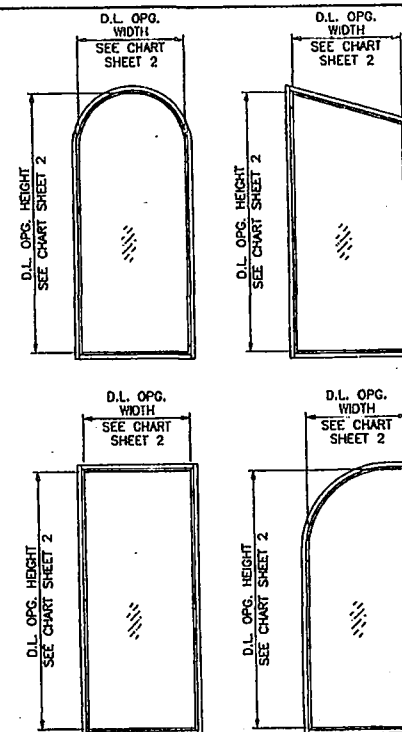
**G. OTHER**

1. Notice of Acceptance No. **12-0328.06**, issued to Mr. Glass Doors & Windows, Inc. for their Series "MG5000" Aluminum Window Wall System – L.M.I., approved on 06/07/12 and expiring on 04/03/13.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 13-0107.03  
Expiration Date: April 03, 2018  
Approval Date: March 14, 2013



TYPICAL ELEVATION



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES. SINGLE LITES MAY BE INSTALLED VERTICALLY AS SHOWN ABOVE OR HORIZONTALLY.

# SERIES MG5000 ALUMINUM WINDOW WALL SYSTEM

THIS SYSTEM IS RATED FOR LARGE MISSILE IMPACT SHUTTERS ARE NOT REQUIRED.

CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

## INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** SEE CHARTS ON SHEET 2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.
- STEP 3** CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEETS 3 THRU 7. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 4** USING CHARTS ON SHEETS 6 & 7 SELECT ANCHOR OPTION, WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 5** THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.

PRODUCT COMPLIES WITH REQUIREMENTS OF ANSI Z97.1.

PRODUCT RENEWED as complying with the Florida Building Code  
Acceptance No. 12-0107.03  
Expiration Date April 3, 2013  
By *Manuel Siles*  
Miami Trade Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70562  
C.A.N. 5538

LAMINATED GLASS  
LARGE MISSILE IMPACT

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 12-0328.06  
Expiration Date April 8, 2013  
By *Manuel Siles*  
Miami Trade Product Control

MAR-07-2012

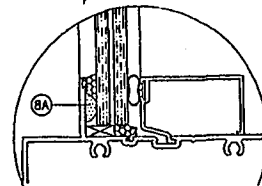
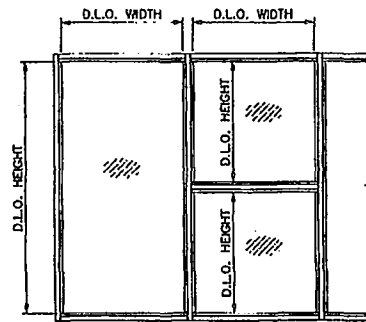
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12325 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-8978  
STORE W11-39NG

SERIES MG5000 ALUM WINDOW WALL SYSTEM (L.I.L.)  
**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 66 STREET  
MIAMI, FL. 33166  
TEL (305) 470-8284 FAX (305) 470-8285

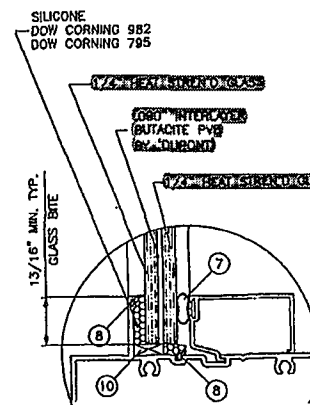
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| scale:      | 1/2"=1'-0" |                     |
| dr. by:     | MANU       |                     |
| chk. by:    |            |                     |
| drawing no. | W11-39     |                     |
| sheet       | 1 of 12    |                     |

| GLASS LOAD CAPACITY - PSF |               |                 |                 |
|---------------------------|---------------|-----------------|-----------------|
| NOMINAL DIMS.             |               | GLASS TYPE 'A'  | GLASS TYPE 'B'  |
| D.L.O. WIDTH              | D.L.O. HEIGHT | EXT.(+)/INT.(-) | EXT.(+)/INT.(-) |
| 28"                       | 84-1/2"       | 80.0            | 130.0           |
| 32"                       |               | 80.0            | 130.0           |
| 36"                       |               | 80.0            | 130.0           |
| 40"                       |               | 80.0            | 130.0           |
| 44-1/4"                   |               | 80.0            | 130.0           |
| 28"                       | 90-1/2"       | 80.0            | 130.0           |
| 32"                       |               | 80.0            | 130.0           |
| 36"                       |               | 80.0            | 130.0           |
| 40"                       |               | 80.0            | 130.0           |
| 44-1/4"                   |               | 80.0            | 130.0           |
| 28"                       | 96-1/2"       | 80.0            | 130.0           |
| 32"                       |               | 80.0            | 130.0           |
| 36"                       |               | 80.0            | 130.0           |
| 40"                       |               | 80.0            | 130.0           |
| 44-1/4"                   |               | 80.0            | 130.0           |
| 28"                       | 102-1/2"      | 80.0            | 127.2           |
| 32"                       |               | 80.0            | 130.0           |
| 36"                       |               | 80.0            | 130.0           |
| 40"                       |               | 80.0            | 130.0           |
| 44-1/4"                   |               | 80.0            | 130.0           |
| 28"                       | 108-1/2"      | 80.0            | 128.9           |
| 32"                       |               | 80.0            | 130.0           |
| 36"                       |               | 80.0            | 130.0           |
| 40"                       |               | 80.0            | 130.0           |
| 44-1/4"                   |               | 80.0            | 130.0           |
| 28"                       | 114-1/2"      | 80.0            | 130.0           |
| 32"                       |               | 80.0            | 130.0           |
| 36"                       |               | 80.0            | 130.0           |
| 40"                       |               | 80.0            | 130.0           |
| 44-1/4"                   |               | 80.0            | 130.0           |

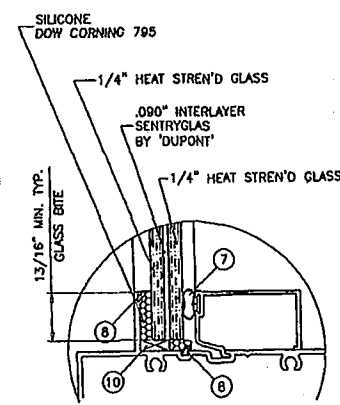
NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-04 (3 SEC. GUSTS).



ALTERNATE BUTTON BUMPER (BA)  
IN LIEU OF VINYL SPACER (B)



GLASS TYPE 'A'



GLASS TYPE 'B'

# GLAZING OPTIONS

GLASS

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0328.06  
Expiration Date APR 13, 2018  
By *Manuel J. J...*  
Miami Dade Product Control

Engr. JAWAD AHMAD  
CIVIL  
FLA. PE # 70562-  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0328.06  
Expiration Date APR 13, 2018  
By *Manuel J. J...*  
Miami Dade Product Control

MAR 07 2012

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12355 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8400 FAX. (305) 262-6978  
STORE W11-3916

SERIES MC5000 ALUM. WINDOW WALL SYSTEM (L.M.I.)  
**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 66 STREET  
MIAMI, FL. 33166  
TEL. (305) 470-8284 FAX. (305) 470-8285

REVISIONS:  
NO. DATE BY DESCRIPTION  
1 03/03/12 A 03/03/12 UPDATED TO 2010 IBC

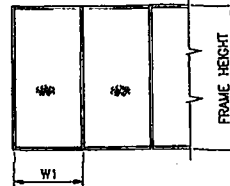
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SCALE: 1/2"=1'-0"  
BY: HAMD  
CHK: BY:

DRAWING NO.  
W11-39

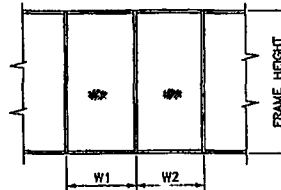
SHEET 2 OF 12

| MULLION LOAD CAPACITY - PSF               |              |                      |                      |                      |                      |
|-------------------------------------------|--------------|----------------------|----------------------|----------------------|----------------------|
| MULLIONS WITHOUT INTERMEDIATE HORIZONTALS |              |                      |                      |                      |                      |
| NOMINAL DIMS.                             |              | JAMB 'J1'            | JAMB 'J1'            | JAMB 'J2'            | JAMB 'J3'            |
| WIDTH (W)                                 | FRAME HEIGHT | MULL 'M1'            | MULL 'M2'            | MULL 'M3'            | MULL 'M4'            |
|                                           |              | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) | EXT. (+)<br>INT. (-) |
| 30"                                       | 88-1/2"      | 130.0                | 130.0                | 130.0                | 130.0                |
| 36"                                       |              | 130.0                | 130.0                | 130.0                | 130.0                |
| 42"                                       |              | 130.0                | 130.0                | 130.0                | 130.0                |
| 48"                                       |              | 130.0                | 130.0                | 130.0                | 130.0                |
| 54"                                       |              | 130.0                | 130.0                | 130.0                | 130.0                |
| 60"                                       | 90"          | 130.0                | 130.0                | 130.0                | 130.0                |
| 30"                                       |              | 130.0                | 130.0                | 130.0                | 130.0                |
| 36"                                       |              | 130.0                | 130.0                | 130.0                | 130.0                |
| 42"                                       |              | 130.0                | 130.0                | 130.0                | 130.0                |
| 48"                                       |              | 130.0                | 130.0                | 130.0                | 130.0                |
| 54"                                       | 96"          | 121.7                | 130.0                | 130.0                | 130.0                |
| 60"                                       |              | 113.7                | 130.0                | 130.0                | 130.0                |
| 30"                                       |              | 130.0                | 130.0                | 130.0                | 130.0                |
| 36"                                       |              | 130.0                | 130.0                | 130.0                | 130.0                |
| 42"                                       |              | 119.9                | 130.0                | 130.0                | 130.0                |
| 48"                                       | 98-1/2"      | 107.5                | 130.0                | 130.0                | 130.0                |
| 54"                                       |              | 98.4                 | 130.0                | 127.9                | 130.0                |
| 60"                                       |              | 91.5                 | 130.0                | 118.4                | 130.0                |
| 30"                                       |              | 130.0                | 130.0                | 130.0                | 130.0                |
| 36"                                       |              | 128.4                | 130.0                | 130.0                | 130.0                |
| 42"                                       | 102"         | 110.5                | 130.0                | 130.0                | 130.0                |
| 48"                                       |              | 99.0                 | 130.0                | 130.0                | 130.0                |
| 54"                                       |              | 90.5                 | 130.0                | 120.8                | 130.0                |
| 60"                                       |              | 85.9                 | 130.0                | 114.4                | 130.0                |
| 30"                                       |              | 130.0                | 130.0                | 130.0                | 130.0                |
| 36"                                       | 108"         | 113.4                | 130.0                | 130.0                | 130.0                |
| 42"                                       |              | 99.0                 | 130.0                | 130.0                | 130.0                |
| 48"                                       |              | 86.8                 | 130.0                | 123.2                | 130.0                |
| 54"                                       |              | 80.7                 | 129.8                | 111.8                | 130.0                |
| 60"                                       |              | 78.6                 | 126.4                | 108.7                | 128.9                |
| 30"                                       | 110-1/2"     | 112.4                | 130.0                | 130.0                | 130.0                |
| 36"                                       |              | 95.0                 | 130.0                | 130.0                | 130.0                |
| 42"                                       |              | 82.8                 | 130.0                | 122.5                | 130.0                |
| 48"                                       |              | 73.8                 | 118.8                | 106.9                | 130.0                |
| 54"                                       |              | 68.1                 | 109.6                | 100.2                | 119.7                |
| 30"                                       | 114"         | 104.8                | 130.0                | 130.0                | 130.0                |
| 36"                                       |              | 88.5                 | 130.0                | 130.0                | 130.0                |
| 42"                                       |              | 77.1                 | 123.9                | 118.8                | 130.0                |
| 48"                                       |              | 68.7                 | 110.5                | 103.7                | 124.0                |
| 52"                                       |              | 64.3                 | 103.4                | 96.9                 | 115.8                |
| 30"                                       | 120"         | 93.3                 | 130.0                | 130.0                | 130.0                |
| 36"                                       |              | 80.4                 | 129.3                | 128.1                | 130.0                |
| 42"                                       |              | 69.9                 | 112.5                | 109.4                | 130.0                |
| 48"                                       |              | 62.3                 | 100.1                | 97.1                 | 116.0                |
| 50"                                       |              | 60.1                 | 96.7                 | 93.7                 | 112.0                |
| 30"                                       | 122"         | 91.2                 | 130.0                | 130.0                | 130.0                |
| 36"                                       |              | 83.8                 | 110.4                | 113.5                | 130.0                |
| 42"                                       |              | 59.6                 | 95.2                 | 98.3                 | 117.5                |
| 48"                                       |              | 53.0                 | 87.1                 | 87.1                 | 104.1                |

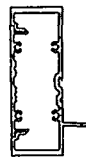
NOTE:  
INTERPOLATION BETWEEN WIDTHS ALLOWED.



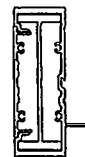
WIDTH (W) = W1  
AT FRAME JAMB



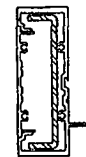
WIDTH (W) =  $\frac{W1 + W2}{2}$   
AT FRAME MULLION



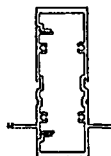
JAMB 'J1'



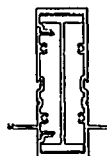
JAMB 'J2'



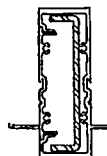
JAMB 'J3'



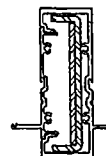
MULLION 'M1'



MULLION 'M2'



MULLION 'M3'



MULLION 'M4'

# MULLIONS

Engr. JAVAD AHMAD  
CIVIL  
FLA. PE # 70692  
C.A.N. 3530

PRODUCT REVISION  
as complying with the Florida  
Building Code  
Acceptance No. 13-0107.03  
Expiration Date April 3, 2018  
By *Manuel Soto*  
Miami Dade Product Control

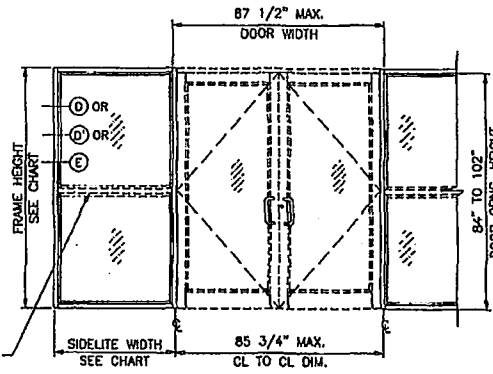
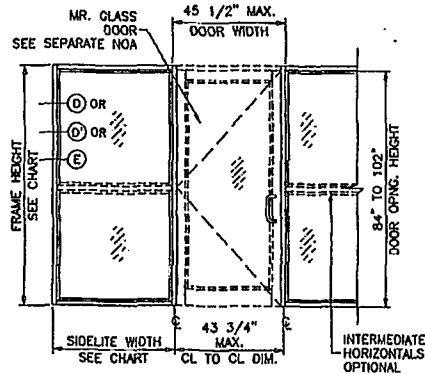
PRODUCT REVISION  
as complying with the Florida  
Building Code  
Acceptance No. 12-0378.06  
Expiration Date April 2, 2013  
By *Manuel Soto*  
Miami Dade Product Control

|                                                                                                                                                                            |                                               |                                               |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|--|
| <b>AL-FAROQ CORPORATION</b><br>ENGINEERS & PRODUCT DEVELOPMENT<br>2235 S.W. 27 AVE.<br>MIAMI, FLORIDA 33174<br>TEL (305) 264-8100 FAX (305) 262-8978<br>STORE W11-39MG     |                                               |                                               |  |
| SERIES 45000 ALUM WINDOW WALL SYSTEM (LUL)<br><b>MR. GLASS DOORS &amp; WINDOWS INC.</b><br>7440 N.W. 66 STREET<br>MIAMI, FL 33166<br>TEL (305) 470-8284 FAX (305) 470-8285 |                                               |                                               |  |
| REVISIONS:<br>NO. DATE BY DESCRIPTION<br>1 07-15-11<br>2 07-15-11<br>3 07-15-11                                                                                            | DATE: 07-15-11<br>DRAWN BY: HAMD<br>CHECK BY: | drawing no.<br><b>W11-39</b><br>sheet 3 of 12 |  |

MAR 07 2012



| DOOR MULLION LOAD CAPACITY-PSP |                           |                                                  |                                                  |                                                                |                                                  |
|--------------------------------|---------------------------|--------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|
| SIDELITE<br>WIDTH<br>INCHES    | FRAME<br>HEIGHT<br>INCHES | JAMB 'JD1'<br>MULL 'MD1'<br>EXT. (+)<br>INT. (-) | JAMB 'JD1'<br>MULL 'MD2'<br>EXT. (+)<br>INT. (-) | JAMB 'JD2'<br>JAMB 'JD3'<br>MULL 'MD3'<br>EXT. (+)<br>INT. (-) | JAMB 'JD3'<br>MULL 'MD4'<br>EXT. (+)<br>INT. (-) |
| 32                             | 86-1/2                    | 120.0                                            | 120.0                                            | 120.0                                                          | 120.0                                            |
| 36                             |                           | 120.0                                            | 120.0                                            | 120.0                                                          | 120.0                                            |
| 42                             |                           | 120.0                                            | 120.0                                            | 120.0                                                          | 120.0                                            |
| 48                             |                           | 120.0                                            | 120.0                                            | 120.0                                                          | 120.0                                            |
| 54                             |                           | 120.0                                            | 120.0                                            | 120.0                                                          | 120.0                                            |
| 60                             | 98-1/2                    | 119.4                                            | 120.0                                            | 120.0                                                          | 120.0                                            |
| 32                             |                           | 109.5                                            | 120.0                                            | 120.0                                                          | 120.0                                            |
| 36                             |                           | 104.2                                            | 120.0                                            | 120.0                                                          | 120.0                                            |
| 42                             |                           | 97.2                                             | 120.0                                            | 120.0                                                          | 120.0                                            |
| 48                             |                           | 91.1                                             | 120.0                                            | 120.0                                                          | 120.0                                            |
| 54                             | 110-1/2                   | 85.7                                             | 120.0                                            | 116.6                                                          | 120.0                                            |
| 32                             |                           | 77.6                                             | 120.0                                            | 116.4                                                          | 120.0                                            |
| 36                             |                           | 73.8                                             | 114.4                                            | 112.7                                                          | 120.0                                            |
| 42                             |                           | 68.8                                             | 106.7                                            | 105.1                                                          | 120.0                                            |
| 48                             |                           | 64.5                                             | 100.0                                            | 98.5                                                           | 117.7                                            |



JAMB 'JD1'



JAMB 'JD2'



JAMB 'JD3'



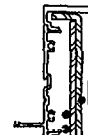
MULLION 'MD1'



MULLION 'MD2'

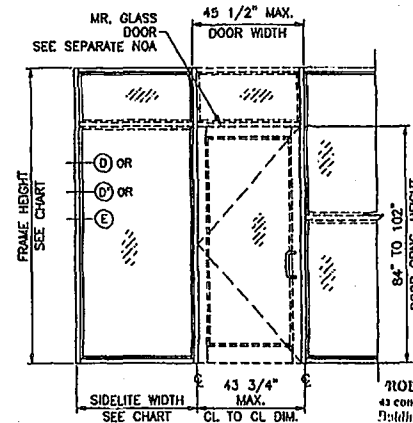


MULLION 'MD3'



MULLION 'MD4'

| DOOR MULLION LOAD CAPACITY-PSP |                           |                                                  |                                                  |                                                                |                                                  |
|--------------------------------|---------------------------|--------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|
| SIDELITE<br>WIDTH<br>INCHES    | FRAME<br>HEIGHT<br>INCHES | JAMB 'JD1'<br>MULL 'MD1'<br>EXT. (+)<br>INT. (-) | JAMB 'JD1'<br>MULL 'MD2'<br>EXT. (+)<br>INT. (-) | JAMB 'JD2'<br>JAMB 'JD3'<br>MULL 'MD3'<br>EXT. (+)<br>INT. (-) | JAMB 'JD3'<br>MULL 'MD4'<br>EXT. (+)<br>INT. (-) |
| 32                             | 86-1/2                    | 90.0                                             | 90.0                                             | 90.0                                                           | 90.0                                             |
| 36                             |                           | 90.0                                             | 90.0                                             | 90.0                                                           | 90.0                                             |
| 42                             |                           | 90.0                                             | 90.0                                             | 90.0                                                           | 90.0                                             |
| 48                             |                           | 90.0                                             | 90.0                                             | 90.0                                                           | 90.0                                             |
| 54                             |                           | 85.7                                             | 90.0                                             | 90.0                                                           | 90.0                                             |
| 32                             | 110-1/2                   | 77.6                                             | 90.0                                             | 90.0                                                           | 90.0                                             |
| 36                             |                           | 73.8                                             | 90.0                                             | 90.0                                                           | 90.0                                             |
| 42                             |                           | 68.8                                             | 90.0                                             | 90.0                                                           | 90.0                                             |
| 48                             |                           | 64.5                                             | 90.0                                             | 90.0                                                           | 90.0                                             |
| 32                             | 114                       | 70.6                                             | 90.0                                             | 90.0                                                           | 90.0                                             |
| 36                             |                           | 67.2                                             | 90.0                                             | 90.0                                                           | 90.0                                             |
| 42                             |                           | 62.7                                             | 90.0                                             | 90.0                                                           | 90.0                                             |
| 48                             |                           | 58.7                                             | 90.0                                             | 90.0                                                           | 90.0                                             |
| 32                             | 120                       | 60.6                                             | 90.0                                             | 90.0                                                           | 90.0                                             |
| 36                             |                           | 57.6                                             | 89.4                                             | 90.0                                                           | 90.0                                             |
| 42                             |                           | 53.8                                             | 83.3                                             | 86.1                                                           | 90.0                                             |
| 48                             |                           | 50.4                                             | 78.1                                             | 83.5                                                           | 90.0                                             |



PRODUCT REVISIONS  
as complying with the Florida  
Building Code  
Acceptance No. 13-010703  
Expiration Date 12/31/18  
By: *Manuel J. [Signature]*  
Miami Dade Product Control

DOOR-WINDOWALL  
TRANSITION MULLION

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-032806  
Expiration Date 12/31/13  
By: *Manuel J. [Signature]*  
Miami Dade Product Control

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12295 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8500 FAX. (305) 262-8978  
STORE W11-3906

SERIES M5000 ALUM WINDOW WALL SYSTEM (L.M.)  
**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 66 STREET  
MIAMI, FL 33166  
TEL. (305) 470-8284 FAX. (305) 470-8285

| REV. | DATE     | BY | DESCRIPTION          |
|------|----------|----|----------------------|
| 1    | 03/25/12 | A  | NO CHANGE THIS SHEET |

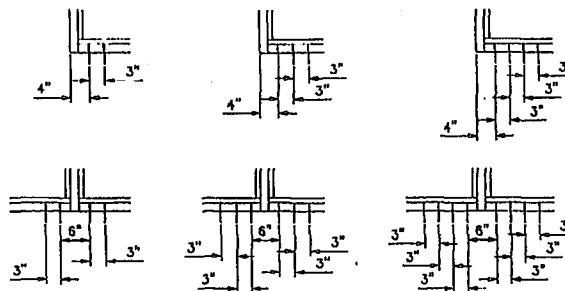
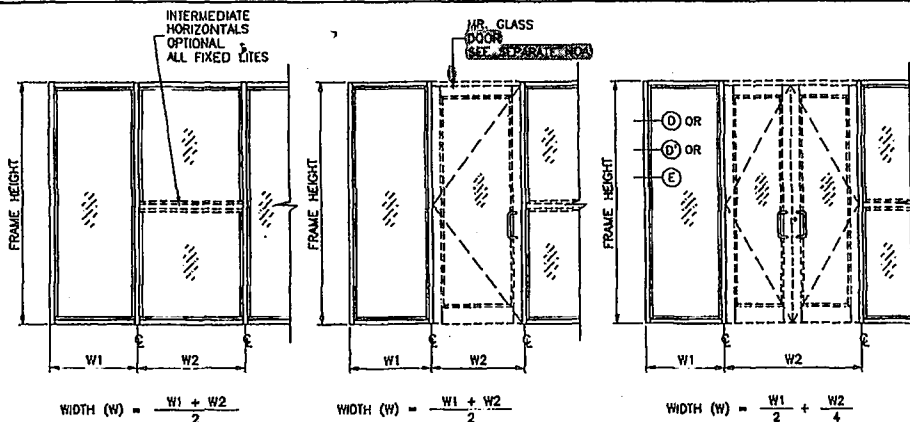
code: 07-15-11  
scale: -  
dr. by: HAMD  
chk. by:

drawing no.  
**W11-39**  
sheet 5 of 12

340

MAR 07, 2012

| ANCHOR LOAD CAPACITY - PSF<br>EXT.(+) & INT.(-) |              |                  |       |       |                        |       |       |                  |       |
|-------------------------------------------------|--------------|------------------|-------|-------|------------------------|-------|-------|------------------|-------|
| NOMINAL DIMS.                                   |              | ANCHORS TYPE 'A' |       |       | ANCHORS TYPE 'B' & 'D' |       |       | ANCHORS TYPE 'C' |       |
| WIDTH (W)                                       | FRAME HEIGHT | A2               | A3    | A4    | B2/D2                  | B3/D3 | B4/D4 | C2               | C3    |
| 30"                                             | 72"          | 130.0            | 130.0 | 130.0 | 130.0                  | 130.0 | 130.0 | 130.0            | 130.0 |
| 36"                                             |              | 108.4            | 130.0 | 130.0 | 130.0                  | 130.0 | 130.0 | 130.0            | 130.0 |
| 42"                                             |              | 93.0             | 130.0 | 130.0 | 122.3                  | 130.0 | 130.0 | 130.0            | 130.0 |
| 48"                                             |              | 81.3             | 122.0 | 130.0 | 107.0                  | 130.0 | 130.0 | 123.3            | 130.0 |
| 54"                                             |              | 72.3             | 108.4 | 130.0 | 95.1                   | 130.0 | 130.0 | 109.8            | 130.0 |
| 60"                                             |              | 65.1             | 97.8  | 130.0 | 85.6                   | 128.4 | 130.0 | 98.7             | 130.0 |
| 30"                                             | 78"          | 120.1            | 130.0 | 130.0 | 130.0                  | 130.0 | 130.0 | 130.0            | 130.0 |
| 36"                                             |              | 100.1            | 130.0 | 130.0 | 130.0                  | 130.0 | 130.0 | 130.0            | 130.0 |
| 42"                                             |              | 85.8             | 128.7 | 130.0 | 112.9                  | 130.0 | 130.0 | 130.0            | 130.0 |
| 48"                                             |              | 76.1             | 112.8 | 130.0 | 98.8                   | 130.0 | 130.0 | 113.8            | 130.0 |
| 54"                                             |              | 66.7             | 100.1 | 130.0 | 87.8                   | 130.0 | 130.0 | 101.2            | 130.0 |
| 60"                                             |              | 60.1             | 90.1  | 120.1 | 79.0                   | 118.5 | 130.0 | 91.1             | 130.0 |
| 30"                                             | 84"          | 108.3            | 130.0 | 130.0 | 130.0                  | 130.0 | 130.0 | 130.0            | 130.0 |
| 36"                                             |              | 90.3             | 130.0 | 130.0 | 118.8                  | 130.0 | 130.0 | 130.0            | 130.0 |
| 42"                                             |              | 77.4             | 118.1 | 130.0 | 101.8                  | 130.0 | 130.0 | 117.3            | 130.0 |
| 48"                                             |              | 67.7             | 101.5 | 130.0 | 89.1                   | 130.0 | 130.0 | 102.7            | 130.0 |
| 54"                                             |              | 60.2             | 90.3  | 120.4 | 79.2                   | 118.8 | 130.0 | 91.3             | 130.0 |
| 60"                                             |              | 54.2             | 81.2  | 108.3 | 71.3                   | 108.9 | 130.0 | 82.1             | 123.2 |
| 30"                                             | 90"          | 104.1            | 130.0 | 130.0 | 130.0                  | 130.0 | 130.0 | 130.0            | 130.0 |
| 36"                                             |              | 86.8             | 130.0 | 130.0 | 114.1                  | 130.0 | 130.0 | 130.0            | 130.0 |
| 42"                                             |              | 74.4             | 111.5 | 130.0 | 97.8                   | 130.0 | 130.0 | 112.8            | 130.0 |
| 48"                                             |              | 65.1             | 97.8  | 130.0 | 85.6                   | 128.4 | 130.0 | 98.7             | 130.0 |
| 54"                                             |              | 57.8             | 86.8  | 115.7 | 76.1                   | 114.1 | 130.0 | 87.7             | 130.0 |
| 60"                                             |              | 52.1             | 78.1  | 104.1 | 68.5                   | 102.7 | 130.0 | 78.9             | 118.4 |
| 30"                                             | 96"          | 97.6             | 130.0 | 130.0 | 128.4                  | 130.0 | 130.0 | 130.0            | 130.0 |
| 36"                                             |              | 81.3             | 122.0 | 130.0 | 107.0                  | 130.0 | 130.0 | 123.3            | 130.0 |
| 42"                                             |              | 69.7             | 104.6 | 130.0 | 91.7                   | 130.0 | 130.0 | 105.7            | 130.0 |
| 48"                                             |              | 61.0             | 91.5  | 122.0 | 80.3                   | 120.4 | 130.0 | 92.5             | 130.0 |
| 54"                                             |              | 54.2             | 81.3  | 108.4 | 71.3                   | 107.0 | 130.0 | 82.2             | 123.3 |
| 60"                                             |              | 48.8             | 73.2  | 97.8  | 64.2                   | 98.3  | 128.4 | 74.0             | 111.0 |
| 30"                                             | 98-1/2"      | 95.1             | 130.0 | 130.0 | 125.1                  | 130.0 | 130.0 | 130.0            | 130.0 |
| 36"                                             |              | 79.3             | 118.9 | 130.0 | 104.3                  | 130.0 | 130.0 | 120.2            | 130.0 |
| 42"                                             |              | 67.9             | 101.9 | 130.0 | 89.4                   | 130.0 | 130.0 | 103.0            | 130.0 |
| 48"                                             |              | 59.5             | 89.2  | 118.9 | 78.2                   | 117.3 | 130.0 | 90.2             | 130.0 |
| 54"                                             |              | 52.8             | 79.3  | 105.7 | 69.5                   | 104.3 | 130.0 | 80.1             | 120.2 |
| 30"                                             | 102"         | 91.9             | 130.0 | 130.0 | 120.8                  | 130.0 | 130.0 | 130.0            | 130.0 |
| 36"                                             |              | 75.5             | 114.8 | 130.0 | 100.7                  | 130.0 | 130.0 | 116.1            | 130.0 |
| 42"                                             |              | 65.6             | 98.4  | 130.0 | 88.3                   | 129.5 | 130.0 | 99.5             | 130.0 |
| 48"                                             |              | 57.4             | 86.1  | 114.8 | 75.5                   | 113.3 | 130.0 | 87.1             | 130.0 |
| 54"                                             |              | 51.0             | 76.5  | 102.1 | 67.1                   | 100.7 | 130.0 | 77.4             | 116.1 |
| 30"                                             | 108"         | 86.8             | 130.0 | 130.0 | 114.1                  | 130.0 | 130.0 | 130.0            | 130.0 |
| 36"                                             |              | 72.3             | 108.4 | 130.0 | 95.1                   | 130.0 | 130.0 | 109.8            | 130.0 |
| 42"                                             |              | 62.0             | 93.0  | 123.9 | 81.5                   | 122.3 | 130.0 | 94.0             | 130.0 |
| 48"                                             |              | 54.2             | 81.3  | 108.4 | 71.3                   | 107.0 | 130.0 | 82.2             | 123.3 |
| 54"                                             |              | 48.8             | 73.2  | 130.0 | 111.8                  | 130.0 | 130.0 | 128.6            | 130.0 |
| 30"                                             | 110-1/2"     | 70.7             | 108.0 | 130.0 | 93.0                   | 130.0 | 130.0 | 107.1            | 130.0 |
| 36"                                             |              | 60.6             | 90.8  | 121.1 | 79.7                   | 119.5 | 130.0 | 91.8             | 130.0 |
| 42"                                             |              | 53.0             | 79.5  | 108.0 | 69.7                   | 104.6 | 130.0 | 80.4             | 120.5 |
| 48"                                             |              | 48.2             | 73.2  | 130.0 | 108.1                  | 130.0 | 130.0 | 124.6            | 130.0 |
| 54"                                             |              | 42.5             | 66.7  | 130.0 | 90.1                   | 130.0 | 130.0 | 103.9            | 130.0 |
| 30"                                             | 114"         | 58.7             | 88.1  | 117.4 | 77.2                   | 115.8 | 130.0 | 89.0             | 130.0 |
| 36"                                             |              | 51.4             | 77.1  | 102.7 | 67.6                   | 101.4 | 130.0 | 77.9             | 116.8 |
| 42"                                             |              | 45.1             | 71.1  | 130.0 | 102.7                  | 130.0 | 130.0 | 118.4            | 130.0 |
| 48"                                             |              | 40.1             | 65.1  | 130.0 | 85.6                   | 128.4 | 130.0 | 98.7             | 130.0 |
| 54"                                             |              | 35.8             | 60.1  | 130.0 | 79.0                   | 118.5 | 130.0 | 91.1             | 130.0 |
| 30"                                             | 120"         | 48.8             | 73.2  | 130.0 | 108.1                  | 130.0 | 130.0 | 124.6            | 130.0 |
| 36"                                             |              | 42.5             | 66.7  | 130.0 | 90.1                   | 130.0 | 130.0 | 103.9            | 130.0 |
| 42"                                             |              | 35.8             | 60.1  | 130.0 | 79.0                   | 118.5 | 130.0 | 91.1             | 130.0 |
| 48"                                             |              | 30.8             | 55.8  | 130.0 | 72.3                   | 110.1 | 130.0 | 84.6             | 128.9 |
| 54"                                             |              | 26.8             | 51.8  | 130.0 | 65.1                   | 102.7 | 130.0 | 77.4             | 116.1 |



A2, B2, C2

A3, B3, C3

A4, B4, C4

ANCHORS TYPES: SEE SHEET B FOR DESCRIPTION

- A2 = (2) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
- B2 = (2) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
- C2 = (2) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION
- D2 = (2) ANCHORS TYPE 'D' AT EACH SIDE OF JAMB AND MULLION

- A3 = (3) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
- B3 = (3) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
- C3 = (3) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION
- D3 = (3) ANCHORS TYPE 'D' AT EACH SIDE OF JAMB AND MULLION

- A4 = (4) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
- B4 = (4) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
- C4 = (4) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION
- D4 = (4) ANCHORS TYPE 'D' AT EACH SIDE OF JAMB AND MULLION

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.

NOTE:  
INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

ANCHORS

Engr: JAWAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 13-0107-03  
Expiration Date: April 3, 2016

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0322-06  
Expiration Date: April 3, 2013

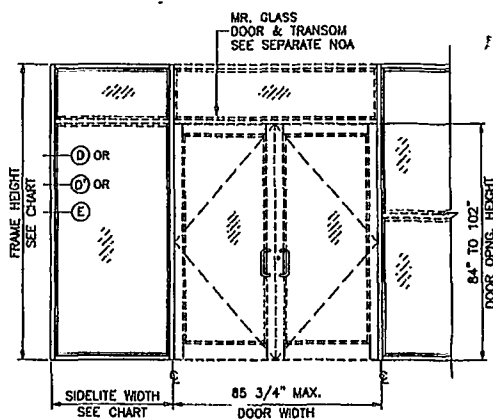
By: [Signature]  
Atlantic Dade Product Company

**AL-FAROQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1233 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL: (305) 264-8100 FAX: (305) 262-8978  
STORE W11-39MG

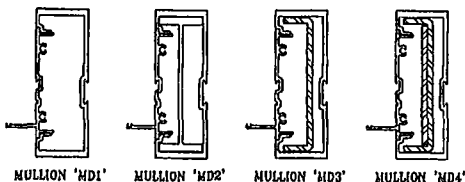
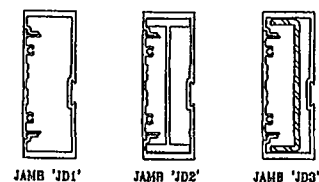
**MR. GLASS DOORS & WINDOWS INC.**  
SERIES MC5000 ALUM WINDOW WALL SYSTEM (LWL)  
7440 N.W. 66 STREET  
MIAMI, FL 33166  
TEL: (305) 470-8284 FAX: (305) 470-8285

REVISIONS:  
DATE 07-15-11  
BY: [Signature]  
CHECKED BY: [Signature]  
DRAWING NO. W11-39  
SHEET 6 OF 12

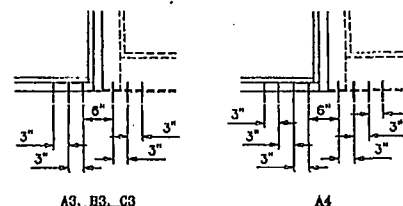
| DOOR MULLION LOAD CAPACITY-PSF |                     |                       |                       |                       |                       |
|--------------------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| SIDELITE WIDTH INCHES          | FRAME HEIGHT INCHES | JAMB 'JD1' MULL 'MD1' | JAMB 'JD1' MULL 'MD2' | JAMB 'JD2' MULL 'MD3' | JAMB 'JD3' MULL 'MD4' |
|                                |                     | EXT. (+) INT. (-)     | EXT. (+) INT. (-)     | EXT. (+) INT. (-)     | EXT. (+) INT. (-)     |
| 30                             | 96                  | 90.0                  | 90.0                  | 90.0                  | 90.0                  |
| 36                             |                     | 90.0                  | 90.0                  | 90.0                  | 90.0                  |
| 42                             |                     | 90.0                  | 90.0                  | 90.0                  | 90.0                  |
| 48                             |                     | 90.0                  | 90.0                  | 90.0                  | 90.0                  |
| 54                             |                     | 85.4                  | 90.0                  | 90.0                  | 90.0                  |
| 60                             | 102                 | 81.0                  | 90.0                  | 90.0                  | 90.0                  |
| 30                             |                     | 86.3                  | 90.0                  | 90.0                  | 90.0                  |
| 36                             |                     | 80.9                  | 90.0                  | 90.0                  | 90.0                  |
| 42                             |                     | 76.2                  | 90.0                  | 90.0                  | 90.0                  |
| 48                             |                     | 71.9                  | 90.0                  | 90.0                  | 90.0                  |
| 54                             | 108                 | 68.2                  | 90.0                  | 90.0                  | 90.0                  |
| 30                             |                     | 69.6                  | 90.0                  | 90.0                  | 90.0                  |
| 36                             |                     | 65.4                  | 90.0                  | 90.0                  | 90.0                  |
| 42                             |                     | 61.7                  | 90.0                  | 90.0                  | 90.0                  |
| 48                             |                     | 58.5                  | 90.0                  | 88.3                  | 90.0                  |
| 30                             | 114                 | 57.2                  | 88.7                  | 90.0                  | 90.0                  |
| 36                             |                     | 53.9                  | 83.6                  | 85.3                  | 90.0                  |
| 42                             |                     | 51.0                  | 79.0                  | 80.7                  | 90.0                  |
| 48                             |                     | 48.3                  | 74.9                  | 76.6                  | 90.0                  |
| 30                             | 120                 | 47.8                  | 74.1                  | 78.7                  | 90.0                  |
| 36                             |                     | 45.1                  | 69.9                  | 74.4                  | 88.9                  |
| 42                             |                     | 42.7                  | 66.2                  | 70.5                  | 84.2                  |
| 48                             |                     | 40.5                  | 62.8                  | 67.0                  | 80.1                  |



| ANCHOR LOAD CAPACITY - PSF |              |                  |      |                        |                  |
|----------------------------|--------------|------------------|------|------------------------|------------------|
| NOMINAL DIMS.              |              | ANCHORS TYPE 'A' |      | ANCHORS TYPE 'B' & 'D' | ANCHORS TYPE 'C' |
| WIDTH (W)                  | FRAME HEIGHT | A3               | A4   | B3/D3                  | C3               |
| 30                         | 96           | 78.6             | 80.0 | 90.0                   | 90.0             |
| 36                         |              | 75.5             | 90.0 | 90.0                   | 90.0             |
| 42                         |              | 71.8             | 90.0 | 90.0                   | 90.0             |
| 48                         |              | 68.4             | 90.0 | 90.0                   | 90.0             |
| 54                         |              | 65.4             | 88.0 | 86.0                   | 90.0             |
| 60                         | 102          | 62.6             | 82.3 | 82.3                   | 90.0             |
| 30                         |              | 78.4             | 90.0 | 90.0                   | 90.0             |
| 36                         |              | 72.4             | 90.0 | 90.0                   | 90.0             |
| 42                         |              | 68.8             | 90.0 | 90.0                   | 90.0             |
| 48                         |              | 65.5             | 88.2 | 86.2                   | 90.0             |
| 54                         | 108          | 62.5             | 82.3 | 82.3                   | 90.0             |
| 30                         |              | 73.5             | 90.0 | 90.0                   | 90.0             |
| 36                         |              | 69.6             | 90.0 | 90.0                   | 90.0             |
| 42                         |              | 66.0             | 88.9 | 86.9                   | 90.0             |
| 48                         |              | 62.9             | 82.7 | 82.7                   | 90.0             |
| 30                         | 114          | 70.8             | 90.0 | 90.0                   | 90.0             |
| 36                         |              | 67.0             | 88.1 | 88.1                   | 90.0             |
| 42                         |              | 63.5             | 83.6 | 83.6                   | 90.0             |
| 48                         |              | 60.4             | 79.5 | 79.5                   | 90.0             |
| 30                         | 120          | 68.3             | 89.9 | 89.9                   | 90.0             |
| 36                         |              | 64.5             | 84.9 | 84.9                   | 90.0             |
| 42                         |              | 61.2             | 80.5 | 80.5                   | 90.0             |
| 48                         |              | 58.1             | 76.5 | 76.5                   | 88.1             |



DOOR-WINDOWALL  
TRANSITION MULLION



ANCHORS TYPES: SEE SHEET 8 FOR DESCRIPTION

- A3 = (3) ANCHORS TYPE 'A' AT EACH SIDE OF DOOR MULLION
- B3 = (3) ANCHORS TYPE 'B' AT EACH SIDE OF DOOR MULLION
- C3 = (3) ANCHORS TYPE 'C' AT EACH SIDE OF DOOR MULLION
- D3 = (3) ANCHORS TYPE 'D' AT EACH SIDE OF DOOR MULLION
- A4 = (4) ANCHORS TYPE 'A' AT EACH SIDE OF DOOR MULLION

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.

### TRANSITION MULLION ANCHORS

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 13-0107.03  
Expiration Date 12/31/2013  
By: *[Signature]*  
Miami Code Product Control

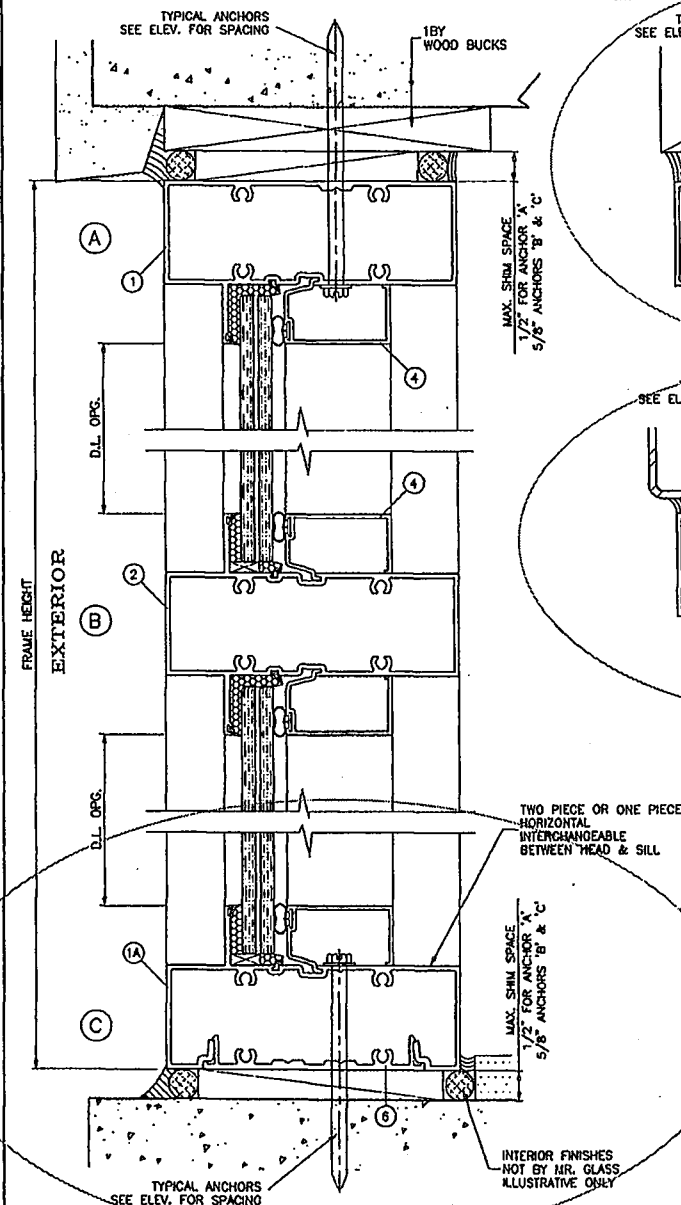
Engr. JAWAD AHMAD  
C.N.W.  
FLA. PE # 70582  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0328.06  
Expiration Date 12/31/2013  
By: *[Signature]*  
Miami Code Product Control  
MAR 07 2012

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6973  
STORE W11-39UG

**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 66 STREET  
MIAMI, FL 33166  
TEL. (305) 470-8284 FAX. (305) 470-8285

|            |                |                      |
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| REVISIONS: | BY DESCRIPTION | NO CHANGE THIS SHEET |
| DATE       | DATE           | DATE                 |
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#### SEALANTS:

ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER OF GLAZING BEAD TO FRAME SEALED WITH SILICONE SEALANT.

WOOD BUCKS AND METAL STRUCTURES NOT BY MR. GLASS  
MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND  
TRANSFER THEM TO THE BUILDING STRUCTURE.

PRODUCT REVISSED  
as complying with the Florida  
Building Code  
Acceptance No. 13-0107.03  
Expiration Date 12/31/18  
By *Manuel Perez*  
Miami Made Product Control

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

#### TYPE 'A'

1/2" DIA. ULTRACON BY 'FLOCO'  
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
WITH 1-3/8" MIN. PENETRATION INTO WOOD  
THRU 1BY WOOD BUCKS INTO CONCRETE  
WITH 1-1/4" MIN. EMBED INTO CONCRETE  
DIRECTLY INTO CONCRETE  
WITH 1-1/4" MIN. EMBED INTO CONC.

#### ANCHOR EDGE DISTANCES

INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
INTO WOOD STRUCTURE = 1" MIN.

#### TYPE 'B'

1/4" DIA. HILTI KWIK CON II BY 'HILTI'  
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
WITH 1-1/2" MIN. PENETRATION INTO WOOD  
THRU 1BY WOOD BUCKS INTO CONCRETE  
WITH 1-1/4" MIN. EMBED INTO CONCRETE  
DIRECTLY INTO CONCRETE  
WITH 1-1/4" MIN. EMBED INTO CONC.

#### ANCHOR EDGE DISTANCES

INTO CONCRETE AND MASONRY = 3" MIN.  
INTO WOOD STRUCTURE = 1" MIN.

#### TYPE 'C'

5/16" DIA. ULTRACON BY 'FLOCO'  
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
WITH 1-1/2" MIN. PENETRATION INTO WOOD  
THRU 1BY WOOD BUCKS INTO CONCRETE  
WITH 1-1/4" MIN. EMBED INTO CONCRETE  
DIRECTLY INTO CONCRETE  
WITH 1-1/4" MIN. EMBED INTO CONC.

#### ANCHOR EDGE DISTANCES

INTO CONCRETE AND MASONRY = 3" MIN.  
INTO WOOD STRUCTURE = 1" MIN.

#### TYPE 'D'

#14 SMS OR SELF DRILLING SCREWS ST/ST  
INTO METAL STRUCTURES  
STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)  
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)  
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#### ANCHOR EDGE DISTANCES

INTO METAL STRUCTURE = 1/2" MIN.

Engr. JAVAD AHMAD  
CIVIL  
FLA. P.E. # 70592  
C.A.N. 3538

PRODUCT REVISSED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0322.06  
Expiration Date 12/31/13  
By *Manuel Perez*  
Miami Made Product Control

Engr. JAVAD AHMAD  
CIVIL  
FLA. P.E. # 70592  
C.A.N. 3538

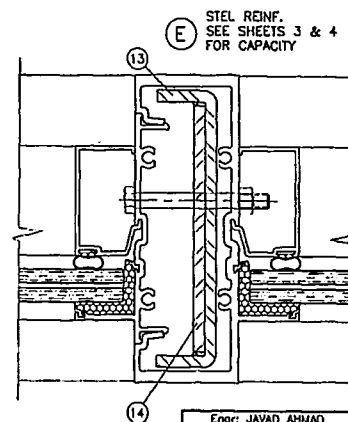
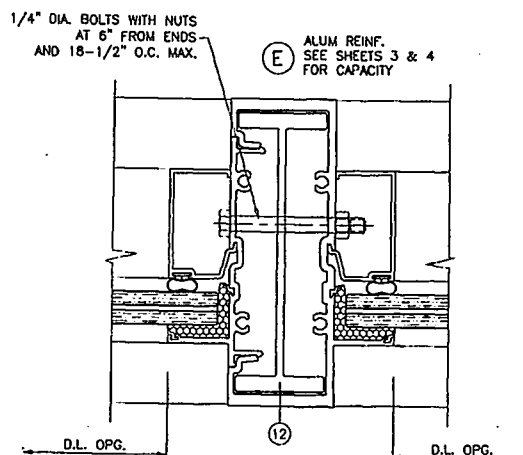
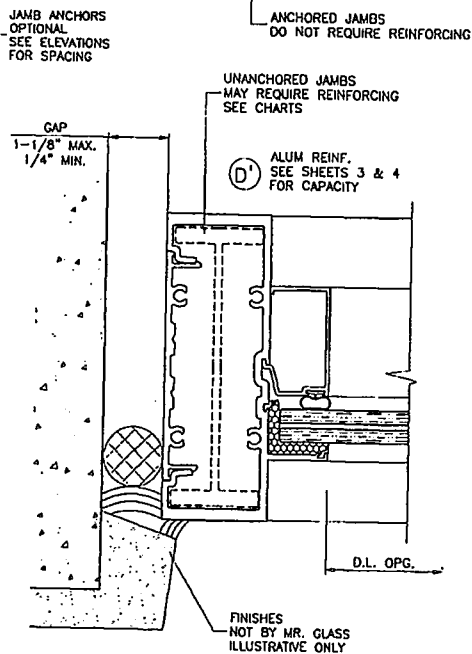
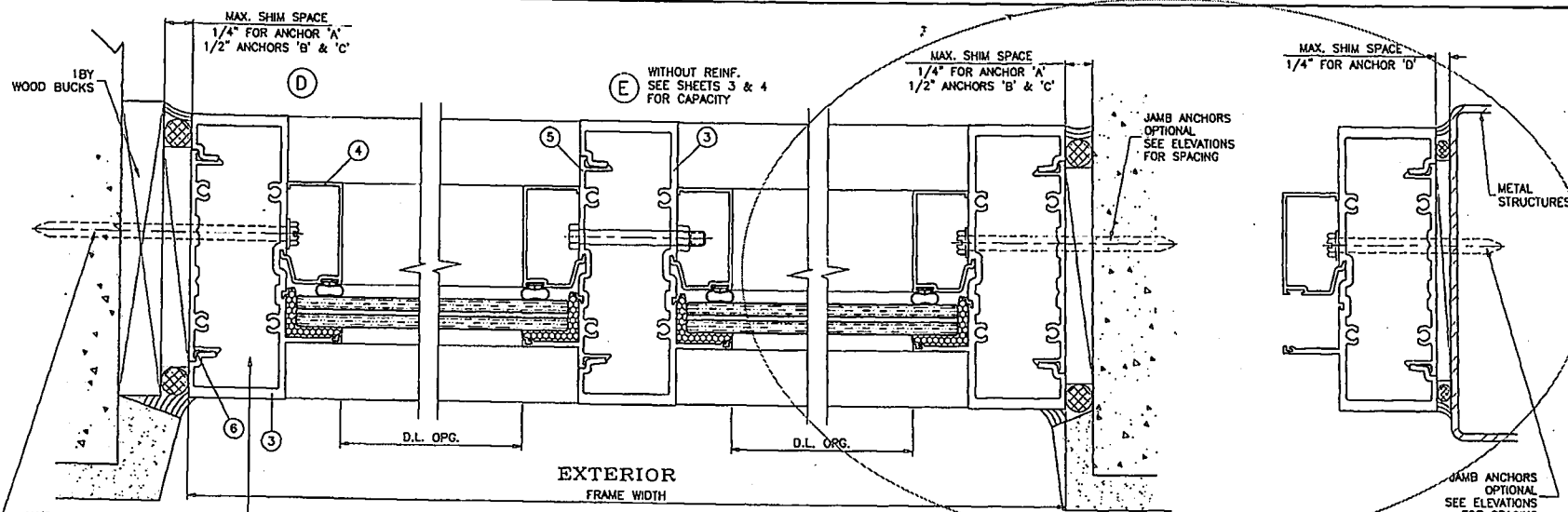
MAR 07 2012

**afc**

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1232 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-8978  
STORE W11-39MC

**MR. GLASS DOORS & WINDOWS INC.**  
SERIES MC5000 ALUM WINDOW WALL SYSTEM (L.M.I.)  
7440 N.W. 66 STREET  
MIAMI, FL. 33166  
TEL (305) 470-8284 FAX (305) 470-8285

|                              |                |                      |
|------------------------------|----------------|----------------------|
| REVISED                      | BY DESCRIPTION | NO CHANGE THIS SHEET |
| REV. 07-15-11                | A 03-05-11     |                      |
| Scale: 1/2" = 1"             | Dr. BY: HMM    | Chk. BY:             |
| drawing no.<br><b>W11-39</b> |                |                      |
| sheet 8 of 12                |                |                      |



PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0107.03  
Expiration Date APRIL 3, 2013  
By *Manuel Jere*  
Miami Dade Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70502  
C.S.N. 3530

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0328.06  
Expiration Date APRIL 3, 2013  
By *Manuel Jere*  
Miami Dade Product Control  
MAR 07 2012

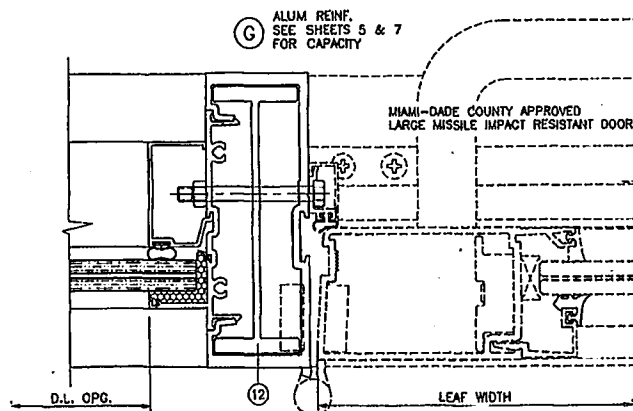
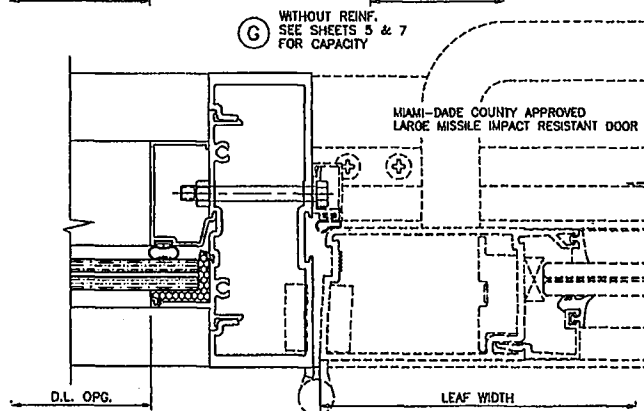
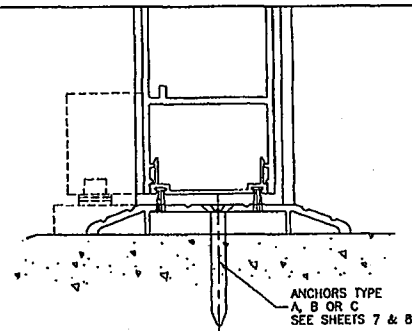
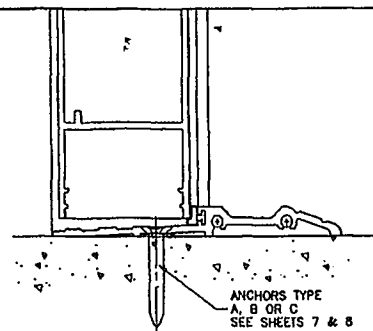
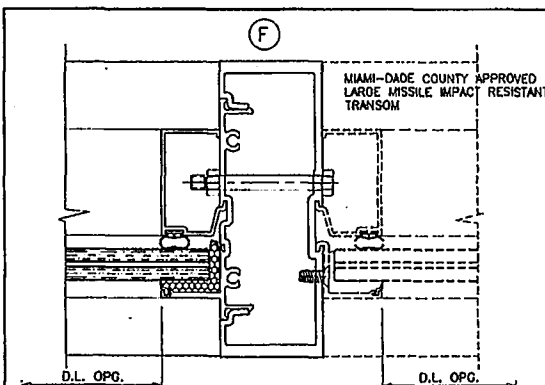
**a f c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12335 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-8978  
STORE W11-39MG

**SERIES MC5000 ALUM WINDOW WALL SYSTEM (LUL)**  
**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 66 STREET  
MIAMI, FL 33166  
TEL (305) 470-8284 FAX (305) 470-8285

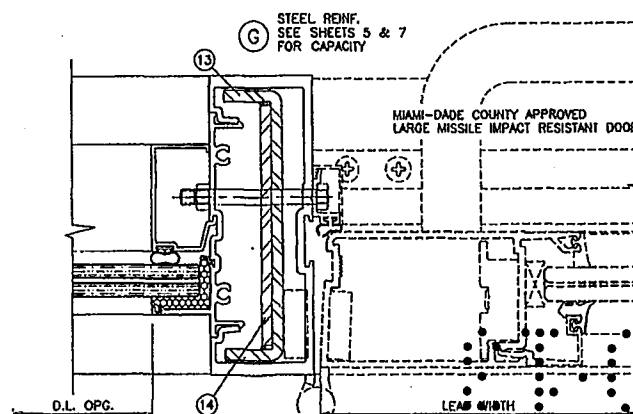
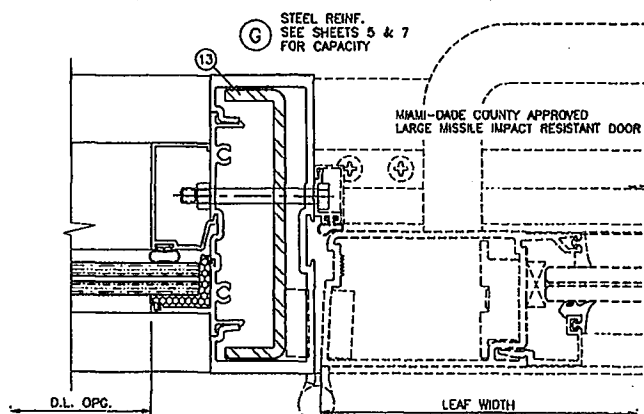
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|------------|----|---------------------|
| REVISIONS: | BY | DESCRIPTION         |
| NO. DATE   | A  | 03.05.12            |
| 1          |    | UPDATED TO 2010 FBC |

|                |                  |              |          |
|----------------|------------------|--------------|----------|
| DATE: 07-15-11 | SCALE: 1/2" = 1" | DR. BY: HAMD | CHK. BY: |
|----------------|------------------|--------------|----------|

drawing no.  
**W11-39**  
sheet 9 of 12



SEE SEPARATE NOA FOR DESIGN LOAD  
CAPACITY OF DOORS AND DOOR ANCHORS.  
LOWER VALUES FROM DOORS NOA  
OR STOREFRONT SYSTEM CAPACITY CHARTS  
WILL APPLY TO ENTIRE SYSTEM.



PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0107.07  
Expiration Date April 3, 2018  
By *Manuel Perez*  
Miami Dade Product Control

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0322.06  
Expiration Date April 3, 2013  
By *Manuel Perez*  
Miami Dade Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70502  
C.A.N. 3538

07 2012

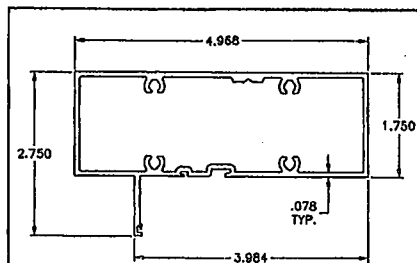
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12355 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
STORE W11-39UG

SERIES MS5000 ALUM WINDOW WALL SYSTEM (L.M.I.)  
**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 66 STREET  
MIAMI, FL 33166  
TEL (305) 470-8284 FAX (305) 470-8285

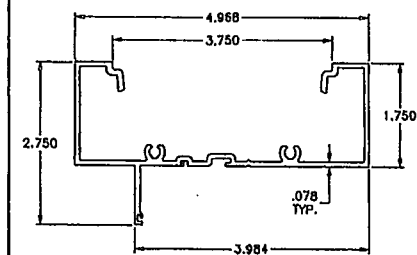
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|------------|-----|----------|----|---------------------|
|            | 1   | 03.03.12 |    | NO CHANGE THE SHEET |

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scale: 1/2" = 1"  
des. by: JAVAD  
chk. by:  
drawing no.  
**W11-39**  
sheet 10 of 12

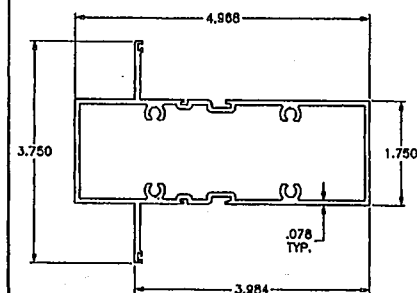
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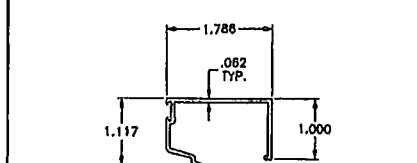
① HOLLOW FRAME HEAD/SILL



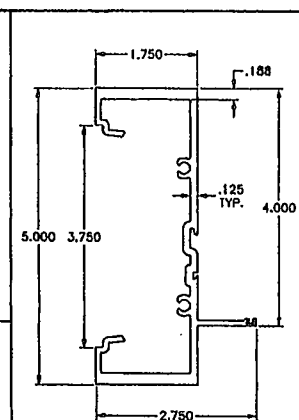
1A OPEN BACK FRAME HEAD/SILL



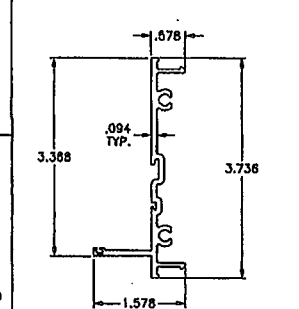
② INTERMEDIATE HORIZONTAL



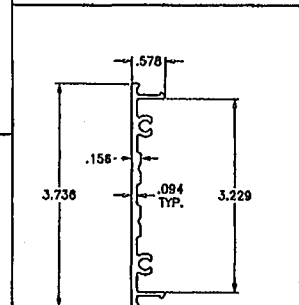
④ GLASS STOP



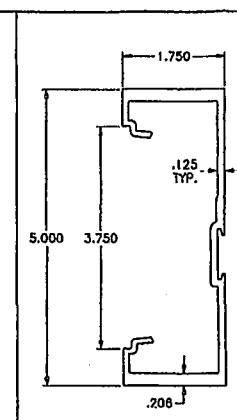
③ FRAME JAMB/MULLION



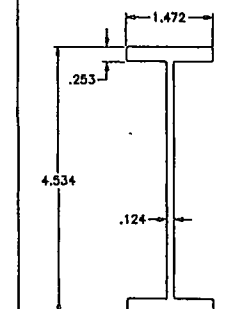
⑤ MULLION SNAP-IN MATE



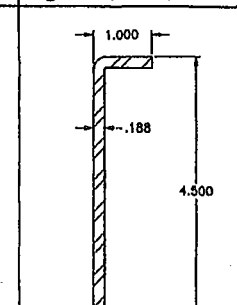
⑥ SHEAR CLIP



3A DOOR MULLION

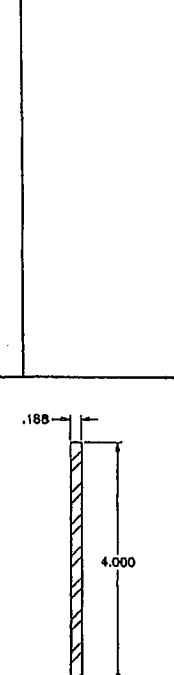


⑫ STIFFENER



⑬ STEEL REINFORCING  
36 KSI MIN.

| ITEM NO. | PART NUMBER  | QUANTITY  | DESCRIPTION                  | MATERIAL | MANP./SUPPLIER/REMARKS |
|----------|--------------|-----------|------------------------------|----------|------------------------|
| 1        | ES8005       | AS REQD.  | HOLLOW FRAME HEAD/SILL       | 6005-T5  | -                      |
| 1A       | ES8007       | AS REQD.  | OPEN BACK FRAME HEAD/SILL    | 6063-T6  | -                      |
| 2        | ES8004       | AS REQD.  | INTERMEDIATE HORIZONTAL      | 6063-T6  | -                      |
| 3        | ES8001       | AS REQD.  | FRAME JAMB/MULLION           | 6005-T5  | -                      |
| 3A       | -            | AS REQD.  | DOOR MULLION                 | 6005-T5  | -                      |
| 4        | ES8006       | AS REQD.  | GLASS STOP                   | 6063-T5  | -                      |
| 5        | ES8002       | AS REQD.  | MULLION SNAP-IN MATE         | 6005-T5  | -                      |
| 6        | ES8003       | AS REQD.  | SHEAR CLIP                   | 6005-T5  | -                      |
| 7        | -            | AS REQD.  | INTERIOR BULB GASKET         | VINYL    | -                      |
| 8        | ES8009       | AS REQD.  | SPACER/SILICONE STOP         | VINYL    | -                      |
| 8A       | -            | AS REQD.  | BUTTON BUMPER                | SILICONE | -                      |
| 9        | -            | -         | -                            | -        | -                      |
| 10       | -            | AS REQD.  | SETTING BLOCK AT 1/4" POINTS | NEOPRENE | 3/16" X 1/2" X 2" LONG |
| 11       | #12 X 1-1/2" | 4/ CORNER | ASSEMBLY SCREWS PHSMS        | STEEL    | -                      |
| 12       | -            | AS REQD.  | MULLION STIFFENER            | 6005-T5  | -                      |
| 13       | -            | AS REQD.  | MULLION REINFORCING CHANNEL  | STEEL    | -                      |
| 14       | -            | AS REQD.  | MULLION REINFORCING BAR      | STEEL    | -                      |



⑭

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 13-0107.03  
Expiration Date 12/31/2013  
By *Manuel Ruiz*  
Miami Dade Product Control

Engr. JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0328.06  
Expiration Date 12/31/2013  
By *Manuel Ruiz*  
Miami Dade Product Control

DATE: 07-15-11  
SCALE: 1/2" = 1"  
BY: HMD  
CHK: BY

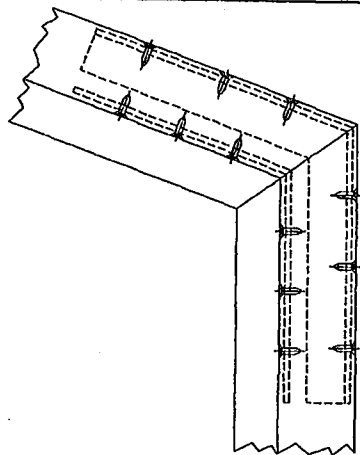
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12295 S.W. 87 AVE.  
MIAMI, FLORIDA 33174  
TEL (305) 264-8400 FAX (305) 264-6978  
STORE W11-394G

SPES UCS000 ALUM WINDOW WALL SYSTEM (L.M.I.)  
**MR. GLASS DOORS & WINDOWS INC.**  
7440 N.W. 66 STREET  
MIAMI, FL 33166  
TEL (305) 470-8284 FAX (305) 470-8285

REVISIONS:  
REV. DATE BY DESCRIPTION  
A 03.05.12 A 03.05.12 UPDATED TO 2010 FBC

DATE: 07-15-11  
SCALE: 1/2" = 1"  
BY: HMD  
CHK: BY  
drawing no.  
**W11-39**  
sheet 11 of 12

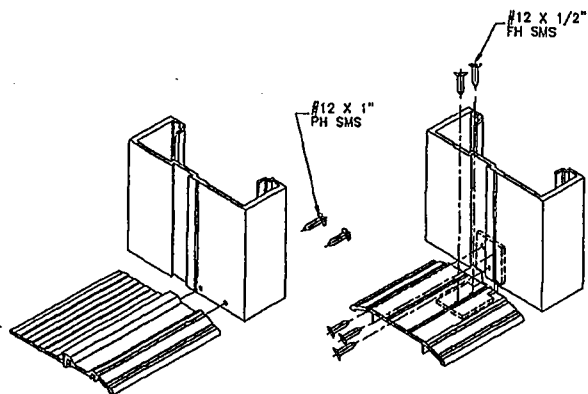
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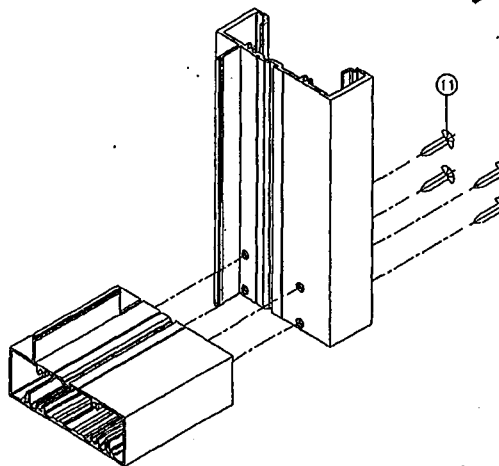
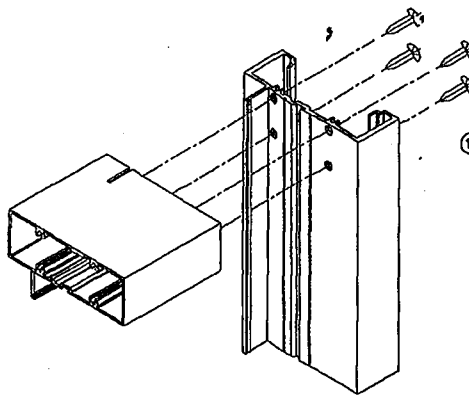
5/8" X 1/8"  
ALUM PLATE  
BENT TO MATCH JOINT  
SECURED WITH #8 SMS  
(3) PER SIDE OF JOINT

5/16 X 1 X 1/8"  
ALUM ANGLE  
BENT TO MATCH JOINT  
SECURED WITH #8 SMS  
(3) PER SIDE OF JOINT

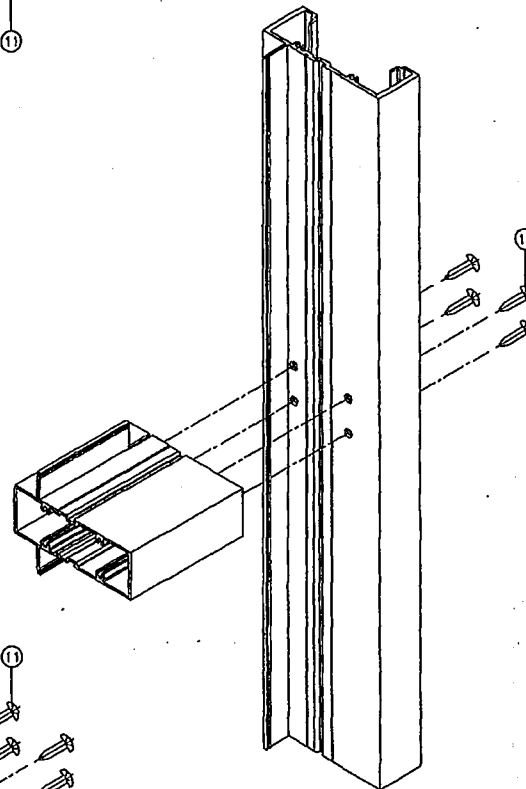
CIRCULAR OR ANGLED CORNERS



DOOR MULLION CORNER



RECT. OR SQUARE CORNERS



HORIZONTAL CORNER

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 13-0107-03  
Expiration Date 12/12/13  
By *Miami Dade*  
Miami Dade Product Control

Engr. JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
MAR 07 2012

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0328-06  
Expiration Date 12/12/13  
By *Miami Dade*  
Miami Dade Product Control

|                                                                                                                                                                             |                                                 |                                                |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------|--|
| <b>AL-FAROOQ CORPORATION</b><br>ENGINEERS & PRODUCT DEVELOPMENT<br>7440 N.W. 66 STREET<br>MIAMI, FLORIDA 33174<br>TEL (305) 584-8100 FAX (305) 584-8978<br>STORE W11-39NG   |                                                 |                                                |  |
| SERIES MC5000 ALUM WINDOW WALL SYSTEM (LUL)<br><b>MR. GLASS DOORS &amp; WINDOWS INC.</b><br>7440 N.W. 66 STREET<br>MIAMI, FL 33166<br>TEL (305) 470-8284 FAX (305) 470-8285 |                                                 |                                                |  |
| REVISIONS:<br>NO. DATE BY DESCRIPTION<br>1 03/05/12 A NO CHANGE THIS SHEET                                                                                                  | DATE 07-15-11<br>REVISOR<br>BY: HAWD<br>CHK: BY | drawing no.<br><b>W11-39</b><br>sheet 12 of 12 |  |



14746 SW 60 St, Miami, FL 33193

t: 786-287-3922

www.InfinityEng.us

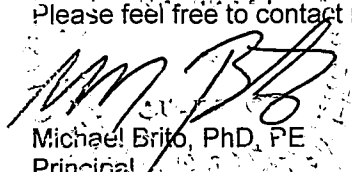
## Comment Response Sheet

2 January 2014

To: Adalberto Viciado, PE  
RE: 1100 15th St, Miami Beach, FL 33139

- This permit includes modifications to the existing elevation. The permit type shall be alteration/remodeling. Building review is required.
  - No response required.
- Provide demolition plans. Clearly show existing structural elements to be removed and to remain.
  - A demolition plan can be provided if required, but it will merely denote that the existing storefront is to be removed. We are replacing the existing storefront which does not have any structural components. We are placing a structural framework of steel tubes though none is currently existing.
- Provide structural plans and sections and clearly identify existing structure to remain that will support the proposed storefront.
  - The existing structure will not be modified. There is a large concrete wall/beam above the storefront that spans the opening of the storefront. The framework we are providing is independent of the existing structure.
- Structural steel framing:
  - a) Provide plan view details for architectural piers of different shapes with vertical tube inside. Provide design information for framing of those piers. Provide detail for joint between those piers and the storefront jamb.
    - There are no architectural piers. The storefront will consist of the glazing and steel framework. Plans have been updated to more accurately reflect this. Please see added "Section A" & "Angled Jamb Detail" on Sheet 2.
  - b) Provide calculations for members and their connections. Include horizontal member with eccentric bolts meeting the wall at 90 or 135 degree angles.
    - Since we are not modifying the structure of the building, the steel framework only carries the wind loading from the storefront. This loading is minimal considering the sizes of the members and of the anchors.
  - c) Provide weld detail for joint of three members (two horizontal tubes meeting at 90 or 135 degree angles with vertical tube)
    - Please see "Weld Detail" on Sheet 2.

Please feel free to contact me if you have any questions or need additional information.

  
Michael Brito, PhD, PE  
Principal

NOTE:  
ALL OPENINGS TO HAVE WIND PRESSURE OF +51.1/-68.4 PSF.

- GENERAL NOTES:
- ALL STRUCTURES DESIGNED IN ACCORDANCE WITH 2010 FLORIDA BUILDING CODE AND ASCE 7-10 (V=175 MPH, RISK CATEGORY '2', MEAN ROOF HEIGHT =20 FT, EXPOSURE CATEGORY 'D').
  - ALL STEEL PLATES TO BE ASTM A36. STRUCTURAL BOLTS TO BE A325. TUBES TO BE ASTM A500 GR. B (FY = 45 KSI).
  - ALL CONNECTIONS NOT EXPLICITLY MARKED, TO BE FULLY WELDED:
  - NOTIFY ENGINEER OF ANY ERRORS/OMISSIONS FOUND OR IF ANY PART OF THE DRAWINGS IS NOT UNDERSTOOD.
  - ONLY OPENINGS MARKED ARE PART OF THIS PERMIT.
  - ALL DIMENSIONS TO BE FIELD VERIFIED.
  - ALL PRODUCTS TO BE INSTALLED AS PER THEIR NOA.
  - REFER TO PRODUCT APPROVAL FOR SPECIFIC MATERIAL INFO.

B1401230

PUBLIC WORKS  
PLAN REVIEW NOTICE  
Phone 305-673-7080 Fax 305-673-7028

THIS PLAN REVIEW CONSTITUTES APPROVAL FOR OBTAINING BUILDING PERMITS ONLY.

All construction and/or use of equipment in the right-of-way and/or easements, requires a separate Public Works Department permit prior to start of construction.

Permit Requirements: Proof of existing sidewalk/swale area conditions (pictures) and/or posting of sidewalk/roadway bonds (Public Works Inspection of the right-of-way will be required prior to final sign-off on the C.C./C.O., or the release of bonds.)

Approved/Reviewed By: Date: 1/27/14

PLAN VIEW  
SCALE: 3/16"=1'-0"

48 HOURS PRIOR TO EXCAVATING  
CONTRACTOR SHALL CALL FOR LOCATION  
OF UNDERGROUND UTILITIES  
SUNSHINE ONE CALL 1-800-432-4770  
CITY OF MIAMI BEACH 305-673-7080

City of Miami Beach  
Fire Prevention Division  
PLANS APPROVED

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this project that may be found in the Public Records of this County and there may be additional permits required from other government entities such as water management, State agencies, or federal agencies. The City of Miami Beach assumes no responsibility for accuracy of or results of these plans which are subject to compliance with all Federal, State, and Local Laws, Rules, and Regulations.

OFFICE COPY  
CITY PROPOSED FRONT ELEVATION  
SCALE: 3/16"=1'-0"

APPROVED FOR PERMIT BY

THE FOLLOWING:

BUILDING FRAMING & FINISHES TO BE REMOVED  
ZONING: 1/31/14  
PLUMBING: 1/31/14  
ELECTRICAL: 1/31/14  
MECHANICAL: 1/31/14  
FIRE PREVENTION: 1/31/14  
FLOOD: 1/31/14  
PUBLIC WORKS: 1/31/14  
STRUCTURAL: 1/31/14  
ELEVATOR: 1/31/14

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this project that may be found in the Public Records of this County and there may be additional permits required from other government entities such as water management, State agencies, or federal agencies. The City of Miami Beach assumes no responsibility for accuracy of or results of these plans which are subject to compliance with all Federal, State, and Local Laws, Rules, and Regulations.

REVISION HISTORY

WINDOW & DOOR SHOP DRAWINGS  
100 56TH ST  
MIAMI BEACH, FL 33139

INFINITY  
ENGINEERING  
14746 SW 60 St. Miami, FL 33193  
T: 786-287-3822  
www.InfinityEng.us CA# 26963

MICHAEL BRITO, PH.D., P.E.  
DATE: 1/27/14  
29-Jan-14

Scale: AS SHOWN  
Sheet: 1

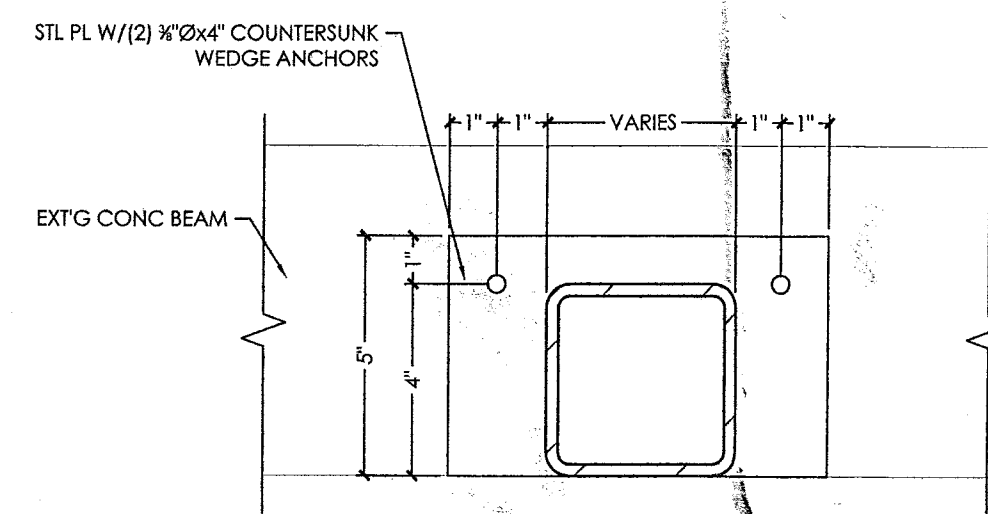


PLATE 'B'  
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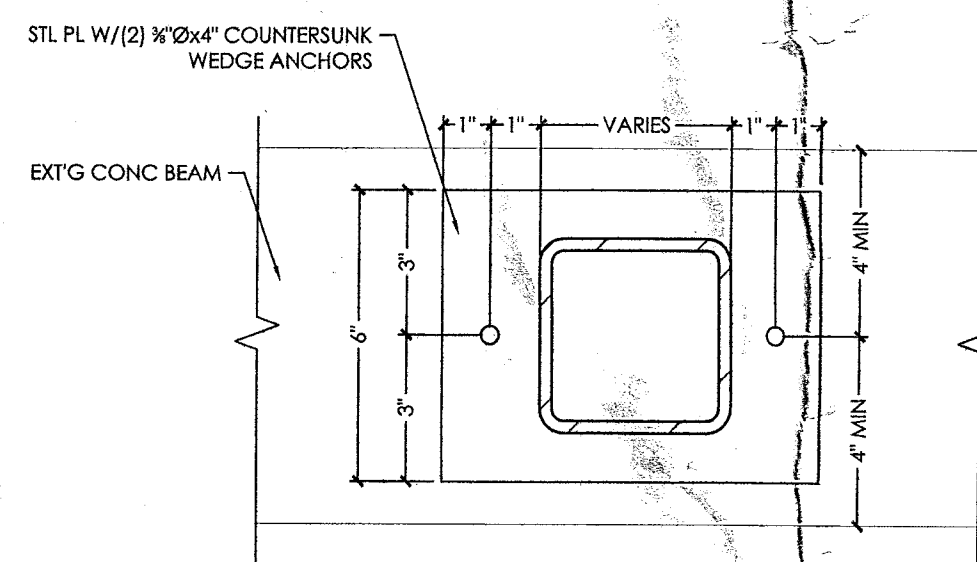
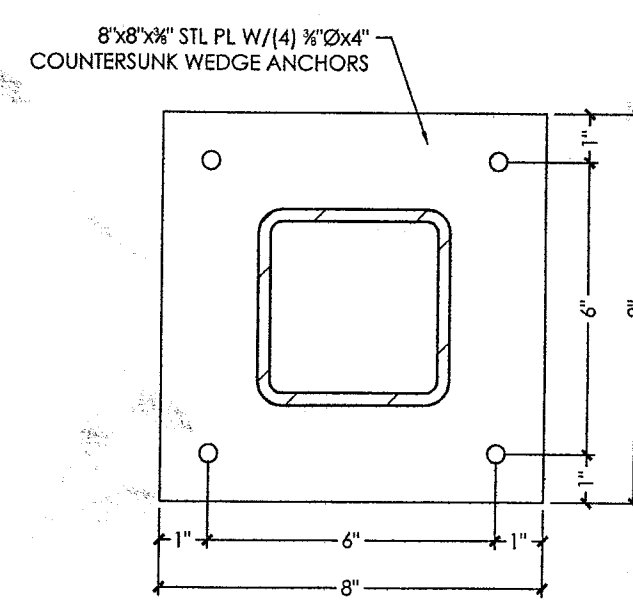
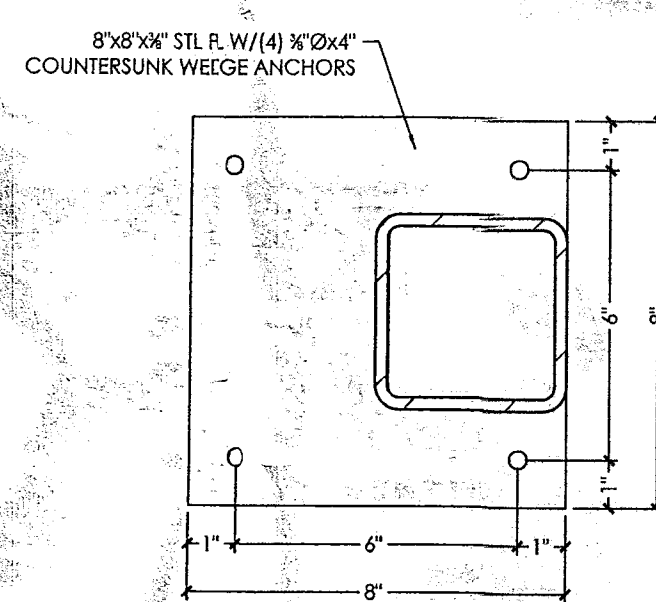


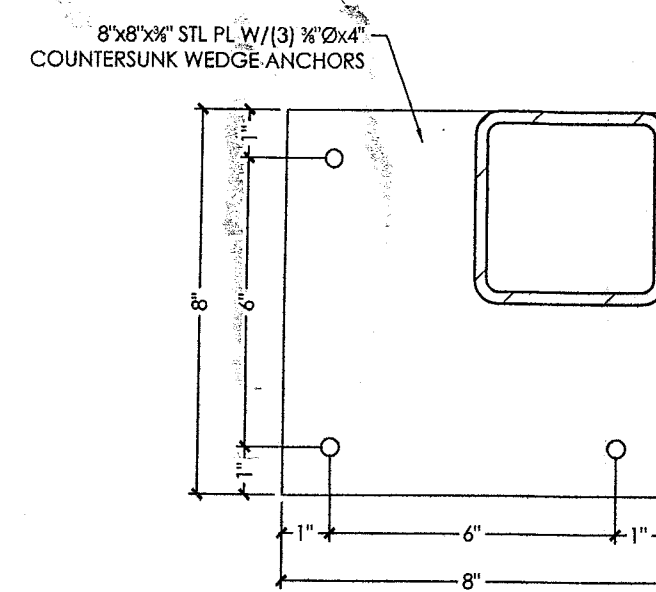
PLATE 'A'  
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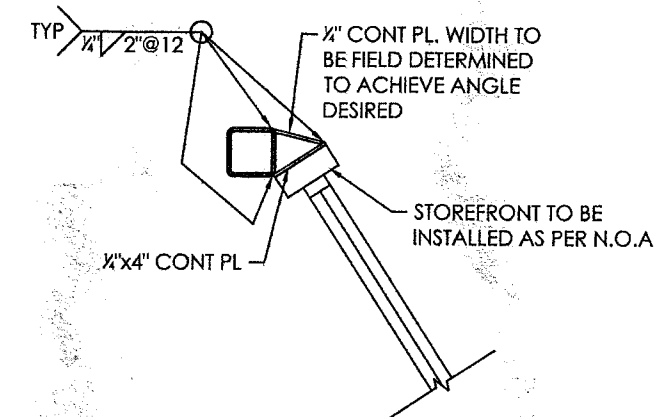
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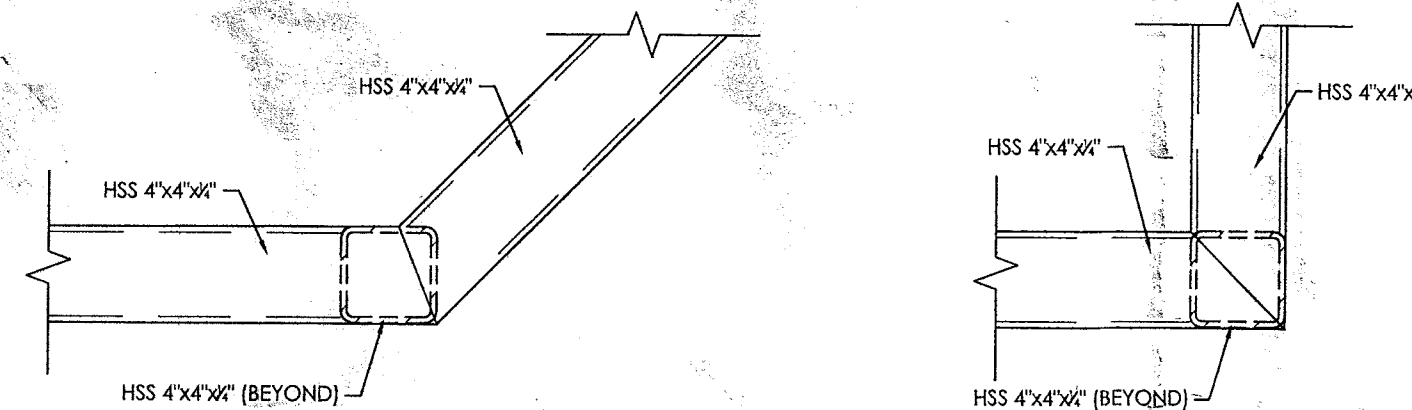
BASE PLATE (ALT 2)  
SCALE: 3/4"=1'-0"



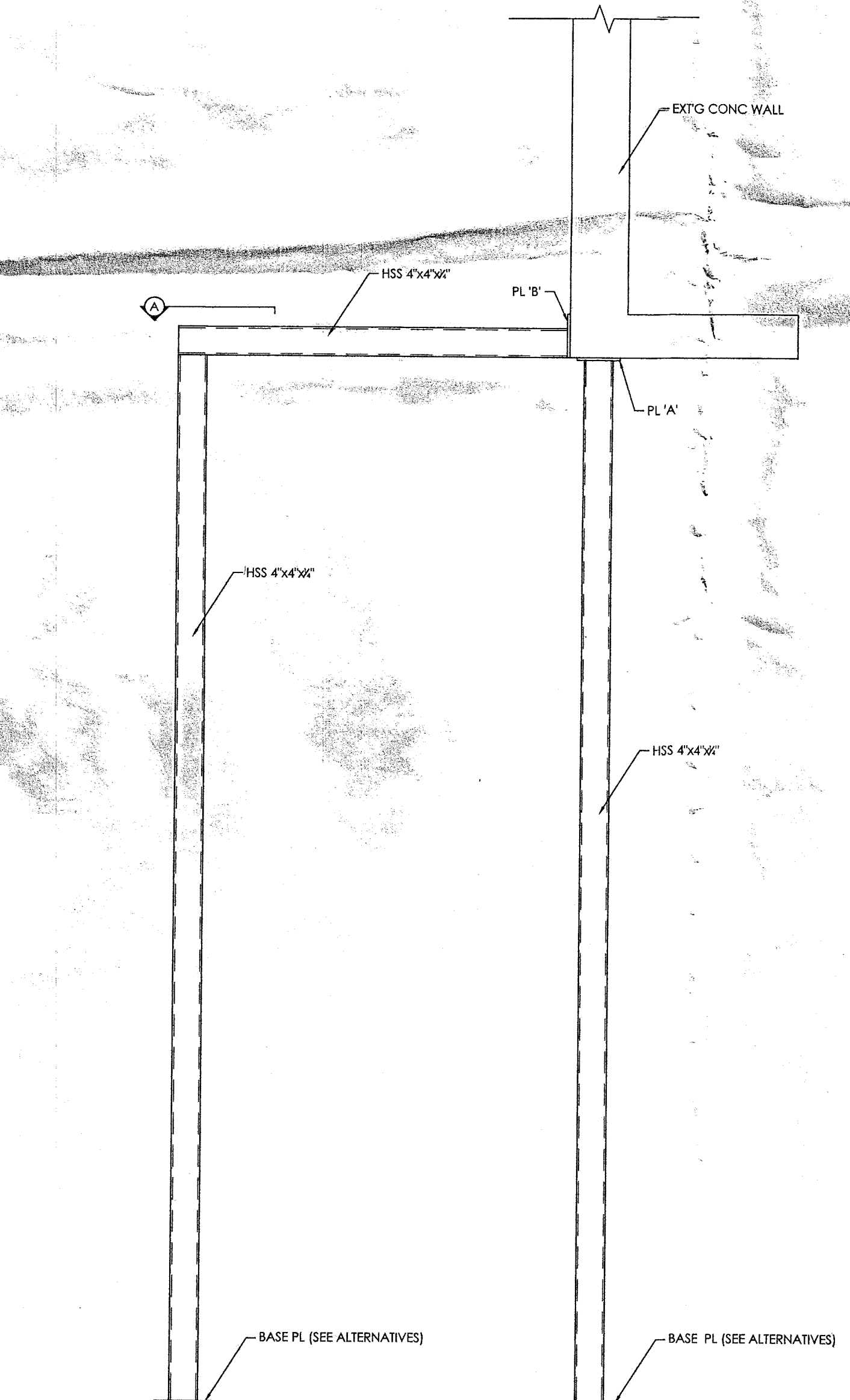
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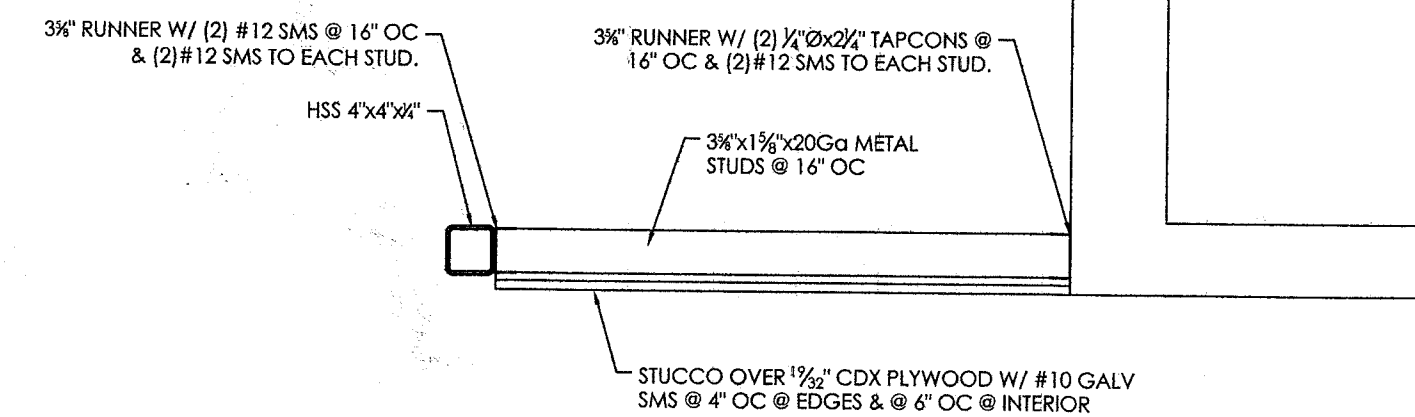
ANGLED JAMB DETAIL  
SCALE: 3/4"=1'-0"



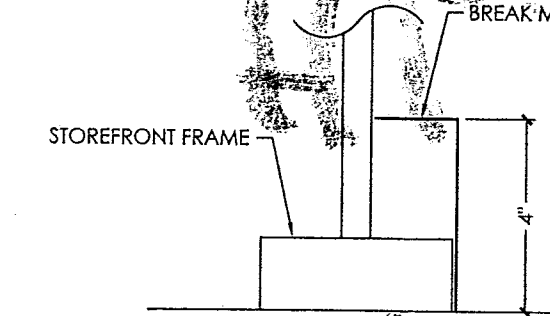
SECTION A  
SCALE: 1/2"=1'-0"



TYP SECTION  
SCALE: 3/4"=1'-0"



TYP CEILING DETAIL  
SCALE: 3/4"=1'-0"



SECTION B  
SCALE: 3/4"=1'-0"

| MARK | QTY | MATERIAL                                                      | FRAME    | TYPE                   | SIZE (WxH)  | MANUFACTURER         | NOA        | APPLIED LOAD (PSF) | LOAD CAPACITY (PSF) |
|------|-----|---------------------------------------------------------------|----------|------------------------|-------------|----------------------|------------|--------------------|---------------------|
| A    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 188" x 120" | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| B    | 2   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 30" x 120"  | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| C    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 63" x 30"   | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| D    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 90" x 120"  | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| E    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 278" x 120" | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| G    | 2   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 40" x 120"  | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| H    | 3   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 40" x 30"   | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| I    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 90" x 120"  | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| J    | 2   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 134" x 120" | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| L    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 90" x 120"  | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| M    | 3   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 40" x 120"  | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| N    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 106" x 120" | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| O    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 88" x 30"   | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| P    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 70" x 120"  | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| Q    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 92" x 120"  | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| R    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 92" x 120"  | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| S    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 92" x 120"  | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| T    | 2   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 134" x 20"  | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| U    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 73" x 20"   | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| V    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT             | 23" x 120"  | MR. GLASS            | 13-0107.03 | +51.1/-68.4        | +130.0/-130.0       |
| 1    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | DOUBLE STOREFRONT DOOR | 63" x 90"   | MR. GLASS            | 13-0820.12 | +51.1/-68.4        | +80.0/-80.0         |
| 2    | 3   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT DOOR        | 40" x 90"   | MR. GLASS            | 13-0820.12 | +51.1/-68.4        | +80.0/-80.0         |
| 3    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | DOUBLE STOREFRONT DOOR | 120" x 90"  | ENVIRALUM INDUSTRIES | 12-0706.05 | +51.1/-68.4        | +100.0/-100.0       |
| 4    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | DOUBLE STOREFRONT DOOR | 88" x 90"   | MR. GLASS            | 13-0820.12 | +51.1/-68.4        | +80.0/-80.0         |
| 5    | 1   | CLEAR LAMINATED IMPACT GLASS (LARGE AND SMALL MISSILE IMPACT) | ANODIZED | STOREFRONT DOOR        | 88" x 90"   | MR. GLASS            | 13-0820.12 | +51.1/-68.4        | +80.0/-80.0         |

City of Miami Beach  
Fire Prevention Division  
PLANS APPROVED



INFINITY  
ENGINEERING  
14746 SW 60 St, Miami, FL 33193  
t: 785-287-3922  
www.infinityeng.us CA# 26963

APPROVED  
MICHAEL BRITO, PH.D.  
#66360  
Date: 29-Jan-14  
Scale: AS SHOWN  
Sheet: 2





# Department of Regulatory and Economic Resources

## Impact Fee Receipt

Process Number: M2016-2436-0

Batch:

Collection Number: 114868

Folio: 0232340180680

Site Address: 1100 15 ST

Fee Payer: AZAITARS CORPORATION TO  
1111 15TH STREET

Collection Date: 02/04/2016

MIAMI BEACH, FL 33139

| Fee Type | Dist Id | Category Code | Cat Suffix | Category Description       | Units    | Fee                | Extended Amount | Deferral Amount | Deferral Admin |
|----------|---------|---------------|------------|----------------------------|----------|--------------------|-----------------|-----------------|----------------|
| ROAD     | 8       | 932           | 00         | HIGH TURNOVER RESTAURANT   | 671.00   | \$39.68            | \$26,628.37     |                 |                |
| ROAD     | 8       | 820           | 00         | GENERAL RETAIL (0 -10 KSF) | (671.00) | \$14.38            | (\$9,652.20)    |                 |                |
|          |         |               |            |                            |          | Total:             | \$16,976.17     |                 |                |
|          |         |               |            |                            |          | - Deferred Amount: |                 |                 |                |
|          |         |               |            |                            |          | + Deferred Admin:  |                 |                 |                |
|          |         |               |            |                            |          | Total Amount Due:  | \$16,976.17     |                 |                |

Paid Check: \$16,976.17

Paid Cash: \$0.00

**Miami-Dade County**  
**Department of Environmental Resources Management**  
**Sewer Capacity Certification Letter Application**  
**[dermplanner@miamidade.gov](mailto:dermplanner@miamidade.gov)**  
**West Office 786-315-2800 Downtown Office 305-372-6789**

DERM # \_\_\_\_\_

**Instructions:** You must fill out this application to obtain a sewer certification allocation letter, which is a required step in obtaining your building permit. If you are unfamiliar with the application process, please refer to The Stress Free Guide to sewer certification, available wherever you picked up an application.

**Step One:** Completely fill out sections 1a, 1b, and 1c and complete the affidavit on the reverse side of this application including the notarized signature of the Property Owner or their Authorized Representative. Assignment of the Authorized Representative must be in the form of a notarized authorization letter from the property owner.

**Step Two:** Have your utility (if not part of the MDWASD Utility Area) certify the pump station information of your project in Section 2.

**Step Three:** Once your application has been certified by your utility, bring the completed application to one of DERM'S Plan Review Offices for processing.

In order to serve you better, **YOU MUST COMPLETE** the information in sections 1a, 1b, and 1c and the Affidavit.

**Please make checks payable to: Miami Dade County.**

**RESIDENTIAL FEE (single-family & duplex) up to 5 building sites: \$90 plus \$10 per additional building site**

**COMMERCIAL FEE: \$120 plus \$10 per additional building site**

**APPLICATIONS WILL NOT BE ACCEPTED IF THE NECESSARY INFORMATION AND SIGNATURES ARE NOT PROVIDED.**

**Section 1a Applicant Information:**

**Property Owner Information:**

|                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Name (Title): <u>CEDE DAVID (OWNER)</u></p> <p>Company: <u>MIAMI DADE PERMIT SERVICES</u></p> <p>Address: <u>763 COLLINS AVENUE</u></p> <p>City: <u>MIAMI BEACH</u> State: <u>FL</u> Zip: <u>33139</u></p> <p>Phone: <u>(786) 299-0671</u> FAX: _____</p> <p>Email: <u>CEDEDAVIS.COM</u></p> | <p>Name (Title): <u>MARK MULAND (OWNER)</u></p> <p>Company: <u>ARRP MIAMI LLC</u></p> <p>Address: <u>1100 15 STREET</u></p> <p>City: <u>MIAMI BEACH</u> State: <u>FL</u> Zip: <u>33139</u></p> <p>Phone: <u>(786) 299-0671</u> FAX: _____</p> <p>Email: _____</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Section 1b**

**Property Information**

|                                                                                                         |  |
|---------------------------------------------------------------------------------------------------------|--|
| Project Name: <u>Kabob</u>                                                                              |  |
| Address: <u>1112 15<sup>th</sup> Street</u> City: <u>Miami Beach</u> State: <u>FL</u> Zip: <u>33139</u> |  |
| # of units: <u>1</u> Type of units: <u>Restaurant</u> Folio: <u>02-3234-018-0680</u>                    |  |
| Lot and Block #(s): <u>1/68</u> Subdivision: <u>Alton</u>                                               |  |

Be sure to include a Lot & Block # for each unit to be developed. You may attach an additional list if necessary. If Lot & Block # are unavailable, submit a track number, survey, site plan or sketch that includes all property boundaries. For undeveloped land, you may submit a master folio number for the entire property.

**Section 1c:**

**Project Details**

|                                                                                               |                               |                                                |
|-----------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------|
| Proposed Flow: <u>1,300</u> GPD                                                               | Previous Flow: <u>145</u> GPD | Estimated completion Date: <u>January 2016</u> |
| Bldg. Process Number: <u>B1600781</u> City: <u>Miami Beach</u> Sewer Extension #: <u>192F</u> |                               |                                                |
| Previous Use: <u>Laundry Mat (1,300 sq. ft.)</u>                                              |                               |                                                |
| Project Description (include sq. ft.): <u>Restaurant (1,300 sq. ft.)</u>                      |                               |                                                |

**Section 2**

**To be completed by utility company only**

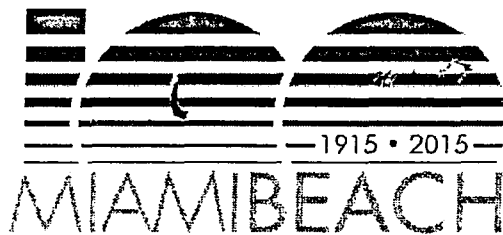
|                                                                                                             |                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Utility Providing Service: <u>City of Miami Beach</u>                                                       |                                                                                                                        |
| Pump Station Receiving Flow: <u>P.S. # 1</u> Located at: <u>11<sup>th</sup> Street &amp; Meridian Court</u> |                                                                                                                        |
| Sewers Abutting the Property: Yes <u>X</u> No _____ Force-main _____ Gravity <u>X</u>                       |                                                                                                                        |
| Lateral Connection: New: _____ Existing: <u>X</u> N/A _____ Point of Connection: <u>Lenox Court</u>         |                                                                                                                        |
| Utility Official Name: <u>Eric A. Carpenter, Public Works Director</u>                                      | Signature:  Date: <u>12/03/15</u> |

F:\WORK\BLL\11 EMPLOYEE FOLDERS\DEBRA HART\Sewer Allocation Letters\1800 Bay Road-ct.doc

CO.: ct

**DERM#:** \_\_\_\_\_ **Date Received:** \_\_\_\_\_

This information is to be used in the utility files only and not to be used for any other purpose.



City of Miami Beach, 1700 Convention Center Drive, Miami Beach, FL 33139, [www.miamibeachfl.gov](http://www.miamibeachfl.gov)

PUBLIC WORKS DEPARTMENT

Tel: 305.673.7080, Fax: 305.673.7028

## WATER AND SEWER VERIFICATION

DATE: December 2, 2015

NAME OF OWNER: ARRP MIAMI LLC

MAILING ADDRESS: 2200 BISCAYNE BLVD., MIAMI, FL 33137

PROPERTY ADDRESS: 1100 15 STREET, MIAMI BEACH, FL 33139-3308

PROPERTY LEGAL DESCRIPTION: COMMERCIAL SUB PB 6-5 LOT 2 & N5FT LOT 1 BLK 68  
LOT SIZE 55.000 X 150 OR 17149-4063 0196 4

FOLIO (S) NUMBER: 02-3234-018-0680

The above referenced property is serviced by:

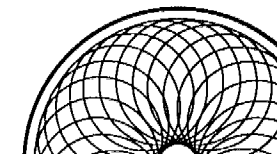
An existing Gravity Sewer Main. 8"

An existing Water Main. 8"

Further approval of all service connection must be obtained from D.E.R.M.

By:  12/03/15

Carey Osbourne  
- Print Name -



**BLUE  
SYSTEMS UNITED**

THESE DRAWINGS AND DESIGNS ARE THE PROPERTY  
OF RUBEN J. PUJOL AIA AND ARCHITECH DESIGN  
GROUP LLC AND SHALL NOT BE  
REPRODUCED WITHOUT THEIR WRITTEN CONSENT.

PROJECT TITLE:

**PROPOSED  
RESTAURANT**

THIS SHEET HAS BEEN  
REVISED/REPLACED BY  
ORIGINAL SIGNATURE/STAMP  
REMAINS VALID

15/6/00

15<sup>th</sup>

BUILDING: *3*  
ZONE: *7*  
PLUMBING: *1A*  
ELECTRICAL: *1A*  
MECHANICAL: *1A*  
FIRE PREVENTION: *3/11/60*  
*100000* PUBLIC WORKS: *100000*  
STRUCTURAL: *100000*  
ELEVATOR: *100000*  
ROOFING: *100000*

*[Handwritten signatures and dates]*

THIS SHEET HAS BEEN  
REMOVED AND PLACED  
ORIGINAL SIGNATURES IN  
FILE THIS VALLEY

KABOBS

THE BEA

DRAWING TITLE:

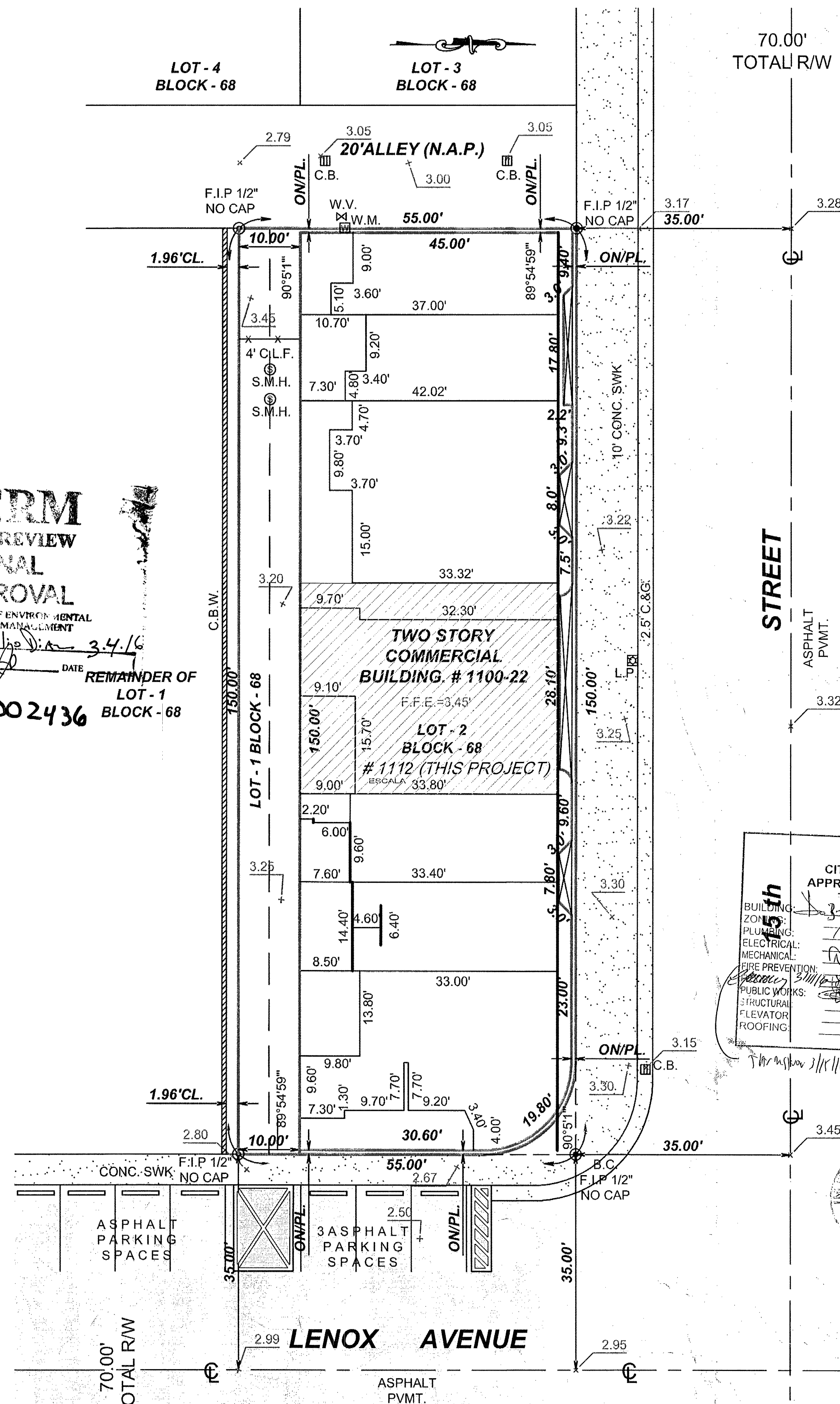
**SITE PLAN**

SCALE: 3/32" = 1'-0"

|                             |                     |
|-----------------------------|---------------------|
| DESCRIPTION                 | SEAL AND SIGNATURE: |
| PROJECT NUMBER:<br>2015-109 |                     |
| DATE: 10-06-2015            |                     |
| DRAWN BY: EF                |                     |
| APPROVED BY: R.J.P.         |                     |
| SHEET NUMBER                |                     |
|                             |                     |
| 1                           | of 7                |

| SPACE                                         | AREA   | LOAD FACTOR | CAL. LOAD    |
|-----------------------------------------------|--------|-------------|--------------|
| SEATING AREA                                  | 695 SF | 1:15 SF     | 46 OCCUPANTS |
| KITCHEN                                       | 358 SF | 1:100 SF    | 3 OCCUPANTS  |
| TOTAL CALCULATED OCCUPANCY LOAD= 49 OCCUPANTS |        |             |              |

-Prior to start any excavation in the right of way you must contact Sunshine State One Call or Florida (1-800-451-4770) no later than 48 hours prior to the excavate; you cannot start the work if the utilities have not been location at the job site.



SITE NOTES

1. PROVIDE ALL SITE CLEARING, EXCAVATION, FILL, BACKFILL
2. TREES TO REMAIN AND/OR RELOCATE AS SELECTED BY
3. TREES TO BE REMOVED SHALL BE CUT AS DIRECTED BY STUMPS SHALL BE REMOVED FROM THE JOB SITE.
4. COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING, UTILITIES PRIOR TO CONSTRUCTION; FOR WATER LINES, IRRIGATION SYSTEMS AND ANY CONCEALED INSTALLATIONS DAMAGED.
5. MAINTAIN BUILDING SITE CLEAN OF CONSTRUCTION DEBRIS
6. IF SIDEWALK IS TO BE PROVIDED, IT SHALL BE DIRECTED
7. CONTRACTOR TO VERIFY LOCATION OF UTILITIES PRIOR TO

CLEANING:

1. IN ADDITION TO REMOVAL OF RUBBISH AND LEAVING BUILDINGS "BROOM CLEAN"
  - A. REPLACE BROKEN GLASS
  - B. REMOVE PAINT SPOTS AND SMEARS, STAINS, MARKS, AND DIRT TO PROVIDE CLEAN SURFACE.
  - C. CLEAN GLASS, HARDWARE, FIXTURES, CASEWORK, AND EQUIPMENT.
  - D. WASH CONCRETE SURFACES, TILE FLOORS, TILE WALLS AND ANY OTHER IMPERVIOUS FLOOR AND WALL SURFACES.

ENVIRONMENTAL PROTECTION:

1. CONTROL AMOUNT OF DUST RESULTING FROM CONSTRUCTION OR DEMOLITION TO PREVENT SPREAD OF DUST TO OTHER BUILDINGS AND TO AVOID CREATION OF A NUISANCE IN SURROUNDING AREAS. USE OF WATER TO CONTROL DUST WILL NOT BE ALLOWED WHEN IT WILL RESULT IN, OR CREATE HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS FLOODING.
2. CONDITIONS SUCH AS FLOODING.

TRAFFIC MAINTENANCE: CONDUCT REMOVAL OPERATIONS TO MAINTAIN TRAFFIC ALONG EXISTING STREETS AND WALKS. KEEP PAVED STREETS AND WALKWAYS FREE OF DEBRIS. REMOVE MATERIAL AND OTHER MATTER TRACKED OR FALLEN ONTO TRAFFIC SURFACES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MATERIALS INCLUDING DEBRIS AND DUST, AND DISPOSE OF LEGALLY OFF SITE. USE METHODS APPROVED BY A/E BEFORE BEGINNING CLEANUP OPERATIONS. USE OF BLOWERS TO DISTRIBUTE DUST IS NOT ALLOWED.

DEMOLITION NOTES

1. ORGANIZE AND PERFORM DEMOLITION WORK TO AVOID DAMAGE TO CONSTRUCTION INTENDED TO REMAIN.
2. DEMOLITION AND TRANSPORTATION OF DEBRIS SHALL COMPLY WITH APPLICABLE CODES AND REGULATIONS COVERING THESE OPERATIONS. FEES SHALL BE PAID BY THE CONTRACTOR.
3. DEMOLITION AND REMOVAL OPERATIONS SHALL BE CONDUCTED IN AN EXPEDIENT MANNER, WITH PRECAUTIONS TAKEN TO PREVENT DEMOLITION SITE FROM BEING AN "ATTRACTIVE NUISANCE".

PERFORM REMOVAL WORK INDICATED ON DRAWINGS IN AN ORDERLY MANNER ACCORDING TO ACCEPTED CONSTRUCTION. PROTECT WORK SPECIFIED TO REMAIN. PROTECT ADJACENT AREAS FROM DAMAGE OR UNDUE DIRT AND DUST. WET DOWN DEBRIS OR RUBBISH, IF NECESSARY, TO MINIMIZE FLYING DUST.

SCOPE OF WORK

- 1- PROPOSED NEW RESTAURANT AT EXISTING VACANT SPACE 1,284 S.F.
- 2- PROPOSED NEW INTERIOR PARTITIONS
- 3- CONTRACTOR TO REPAIR EXISTING DEMISING WALLS
- 4- PROPOSED KITCHEN WITH HOOD AND FIRE SUPPRESSION SYSTEM
- 5- PROPOSED NEW HIS AND HERS ACCESSIBLE RESTROOMS
- 6- PROPOSED SEATING AREA FOR 47 OCCUPANTS
- 7- PROPOSED MECHANICAL WORK TO COMPLY
- 8- PROPOSED ELECTRICAL WORK TO COMPLY
- 9- PROPOSED PLUMBING WORK TO COMPLY

LEGAL DESCRIPTION

LOT 2 & NORTH 5 FT OF LOT 1 BLOCK 68, OF COMMERCIAL SUB. PG 6, PG 5, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA

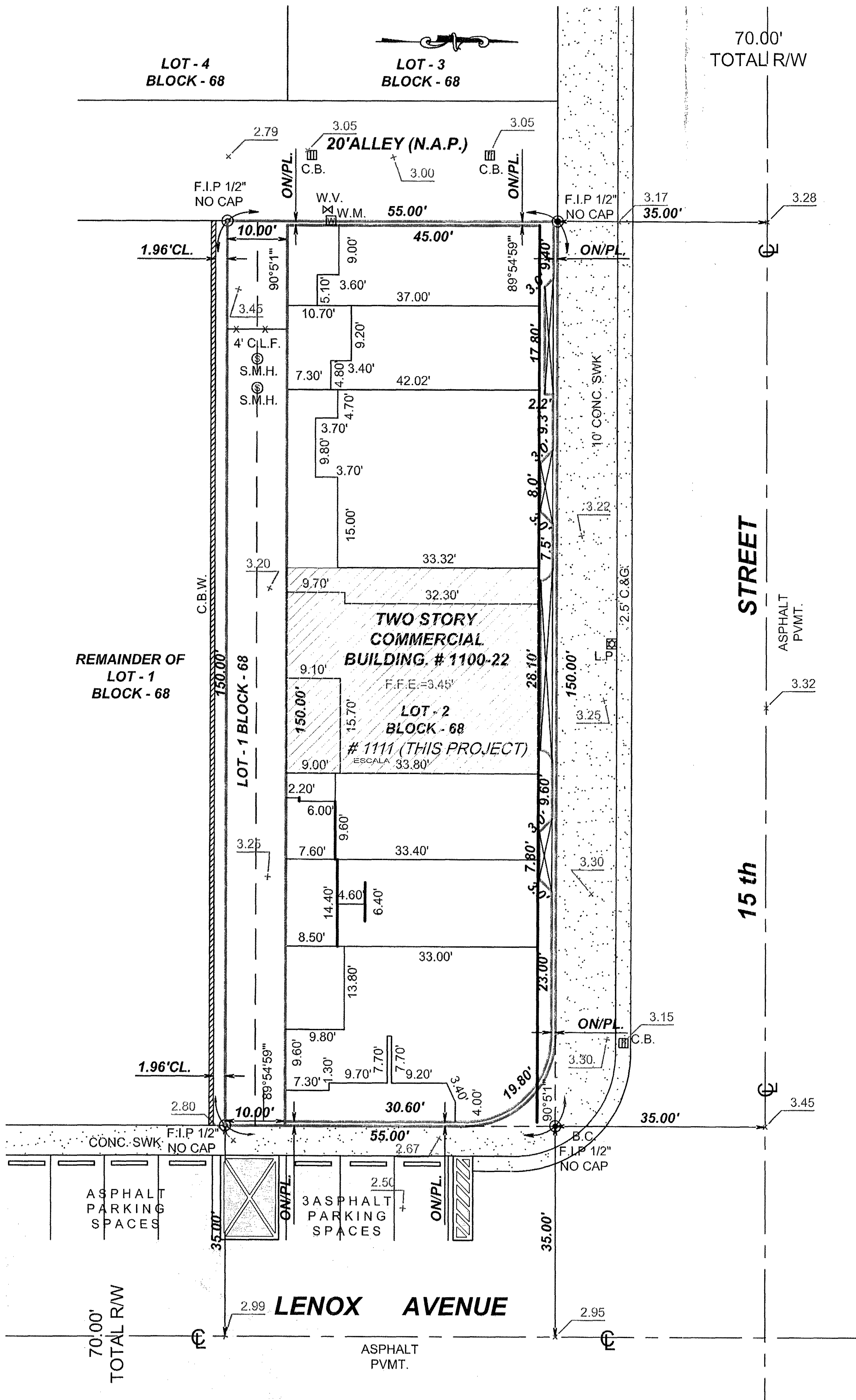
ALTERATION LEVEL 2

BUILDING USE CD-1 COMM. LOW DENSITY  
EXISTING BUILDING CONSTRUCTION TYPE III (B)  
PROPOSED OCCUPANCY CLASSIFICATION A-2  
2014 FBC

OCCUPANTS LOAD CALCULATION:

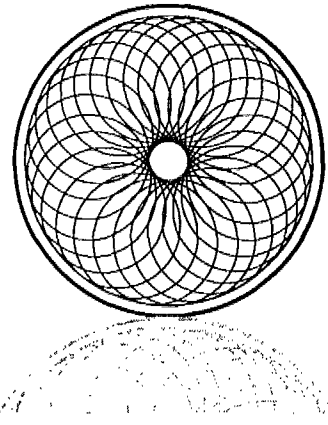
| SPACE                                         | AREA   | LOAD FACTOR | CAL. LOAD    |
|-----------------------------------------------|--------|-------------|--------------|
| SEATING AREA                                  | 540 SF | 1:15 SF     | 36 OCCUPANTS |
| KITCHEN                                       | 358 SF | 1:100 SF    | 3 OCCUPANTS  |
| TOTAL CALCULATED OCCUPANCY LOAD= 40 OCCUPANTS |        |             |              |

2



REVISIONS

| NUMBER | DESCRIPTION   | DATE       |
|--------|---------------|------------|
| 1      | CITY COMMENTS | 12-10-2015 |
| 2      | CITY COMMENTS | 03-07-2016 |



BLUE  
SYSTEMS UNITED

RUBEN JUAN PUJOL  
ARCHITECT, P.A.  
A.I.A. AR#0010458 N.A.C.A.

THESE DRAWINGS AND DESIGNS ARE THE PROPERTY  
OF RUBEN J. PUJOL AIA AND ARCHITECT DESIGN  
GROUP LLC AND SHALL NOT BE  
REPRODUCED WITHOUT THEIR WRITTEN CONSENT.

12237 SW 204th TERR.  
Miami, Florida 33177

PROJECT TITLE:

PROPOSED  
RESTAURANT

PROJECT ADDRESS:

1112 - 15 STREET,  
MIAMI BEACH, FL.

CLIENT:

KABOBS

DRAWING TITLE:

SITE PLAN

SCALE: 3/32" = 1'-0"

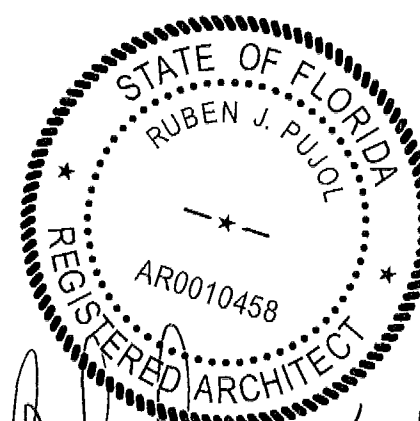
DESCRIPTION

PROJECT NUMBER:  
2015-109  
DATE:  
10-06-2015  
DRAWN BY:  
EF  
APPROVED BY:  
R.J.P.  
SHEET NUMBER

A-1

1 of 7

SEAL AND SIGNATURE:



02/08/16

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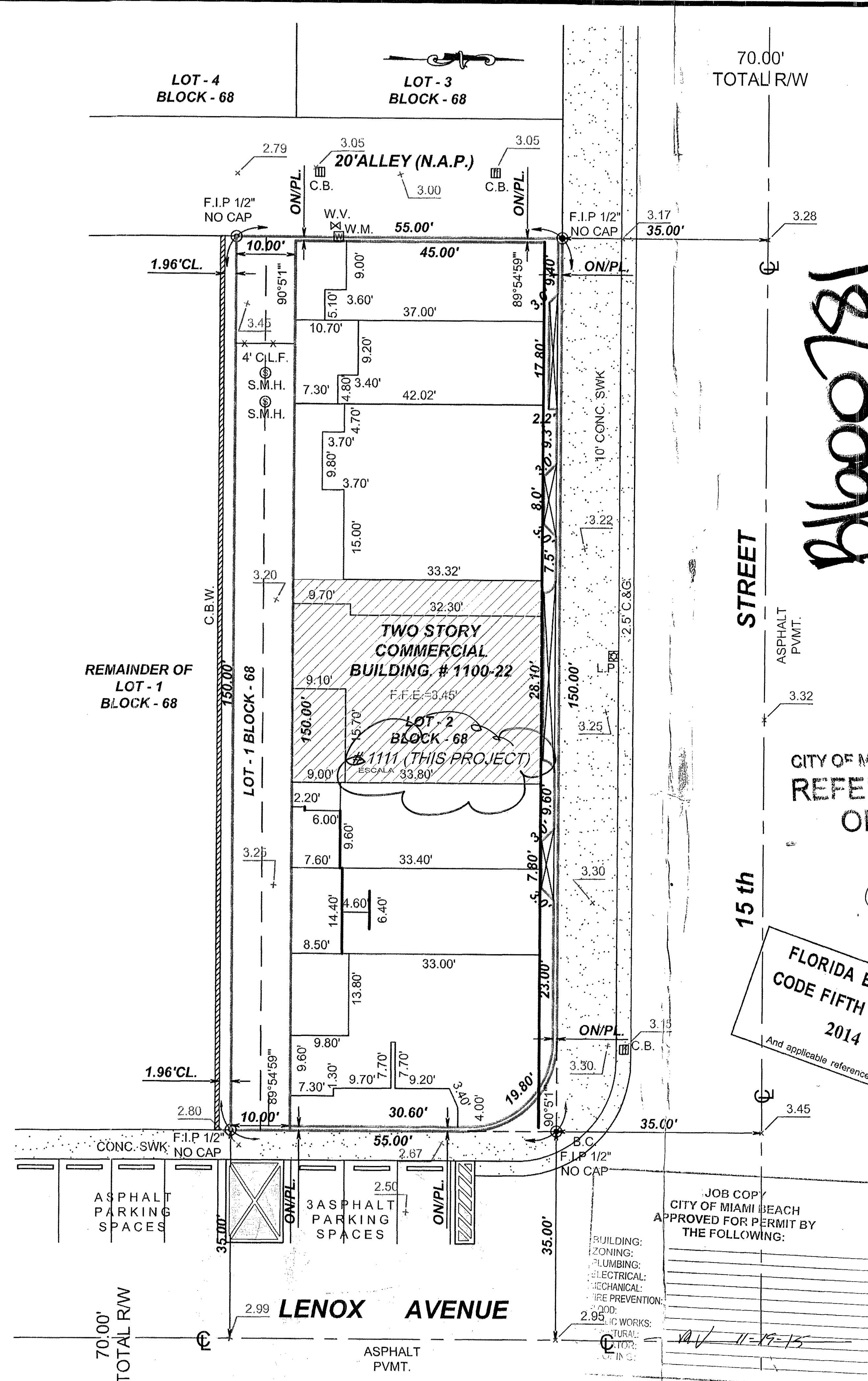
LOT 2 & NORTH 5 FT OF LOT 1 BLOCK 68, OF COMMERCIAL SUB. PB 6, PG 5, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA

## ALTERATION LEVEL 2

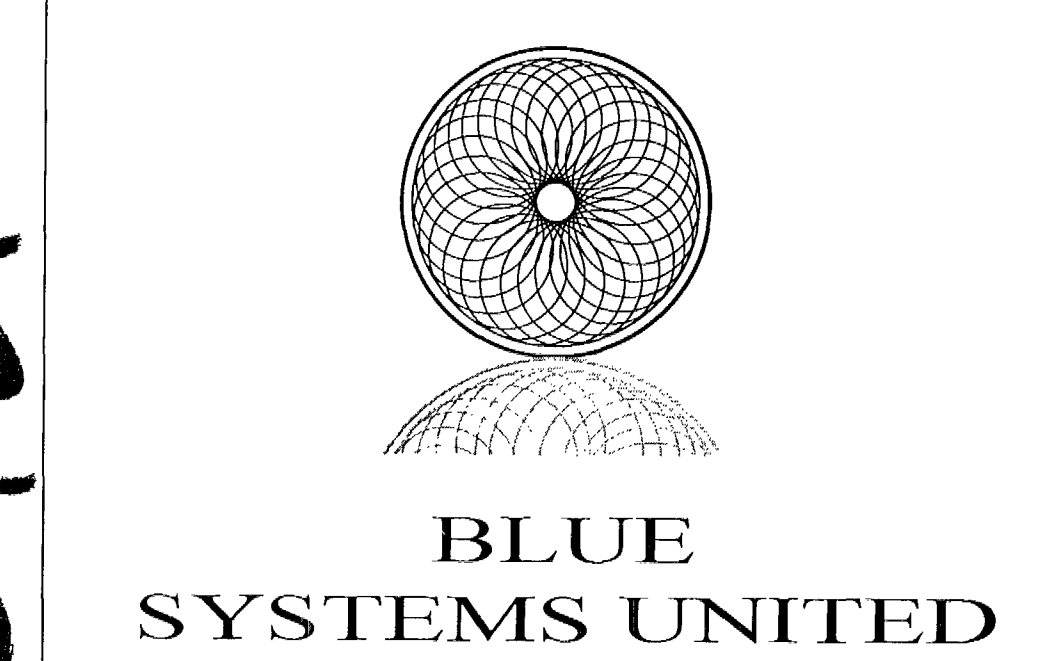
BUILDING USE CD-1 COMM. LOW DENSITY  
EXISTING BUILDING CONSTRUCTION TYPE III (B)  
PROPOSED OCCUPANCY CLASSIFICATION A-2  
2014 FBC

## OCCUPANTS LOAD CALCULATION:

| SPACE                                         | AREA         | LOAD FACTOR | CAL. LOAD    |
|-----------------------------------------------|--------------|-------------|--------------|
| SEATING AREA                                  | 695 SF NET   | 1:15 SF     | 47 OCCUPANTS |
| KITCHEN                                       | 458 SF GROSS | 1:200 SF    | 2 OCCUPANTS  |
| TOTAL CALCULATED OCCUPANCY LOAD= 49 OCCUPANTS |              |             |              |



| REVISIONS |             |      |
|-----------|-------------|------|
| NUMBER    | DESCRIPTION | DATE |
|           |             |      |
|           |             |      |
|           |             |      |
|           |             |      |



**RUBEN JUAN PUJOL**  
ARCHITECT, P.A.  
A.I.A. AR#0010458 N.A.C.A.  
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12237 SW 204th TERR.  
Miami, Florida 33177

PROJECT TITLE:  
**PROPOSED RESTAURANT DELI**

CITY OF MIAMI BEACH  
**REFERENCE ONLY**  
PROJECT ADDRESS: 1112- 15 STREET, MIAMI BEACH, FL.

CLIENT: JAMES JENS

FLORIDA BUILDING CODE FIFTH EDITION 2014  
And applicable reference codes

DRAWING FILE:  
**SITE PLAN**  
SCALE: 3/32" = 1'-0"

| DESCRIPTION              | SEAL AND SIGNATURE: |
|--------------------------|---------------------|
| PROJECT NUMBER: 2015-109 |                     |
| DATE: 10-06-2015         |                     |
| DRAWN BY: EF             |                     |
| APPROVED BY: R.J.P.      |                     |
| SHEET NUMBER             |                     |
| <b>A-1</b>               |                     |
| 1 of 7                   |                     |

1532

2011  
CODE FIFTH EDITION  
FLORIDA BUILDING

10.01

10.01

ALTERATION LEVEL 2  
EXISTING BUILDING CONSTRUCTION TYPE III (B)  
OCCUPANCY CLASSIFICATION ASSEMBLY GROUP A-2

GENERAL NOTES:

- ALL WORK SHALL COMPLY WITH THE FLORIDA BUILDING CODE, 2010 EDITION AND ALL LOCAL ORDINANCES GOVERNING.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING THE WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL SAFETY RELATED O.S.H.A. REQUIREMENTS DURING CONSTRUCTION.
- ALL WORK SHALL BE PERFORMED BY A LICENSED AND INSURED STATE CERTIFIED GENERAL CONTRACTOR OR BY THE OWNER IF APPROVED BY THE LOCAL BUILDING DEPARTMENT OFFICIAL.
- CONTRACTOR SHALL REPLACE/REPAIR ALL EXISTING FLOOR COORDINATE WITH OWNER
- SECONDARY MEANS OF ESCAPE SHALL CONFORM TO N.F.P.A. 22-2.1.2.C. WINDOWS USED AS SECOND MEANS OF ESCAPE MUST PROVIDE A CLEAR OPENING (WHEN FULLY OPENED) OF NOT LESS THAN TWENTY INCHES (20") IN WIDTH, TWENTY FOUR INCHES (24") IN HEIGHT AND 5.7 SQUARE FEET IN AREA, AND THE BOTTOM OF THE OPENING SHALL NOT BE MORE THAN FORTY FOUR INCHES (44") OFF THE FLOOR.
- WOOD TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR ARCHITECT'S APPROVAL PRIOR TO TRUSS FABRICATION. WOOD TRUSSES SHALL BE DESIGNED BY A FLORIDA REGISTERED P.E.
- WALL AND CEILING SHALL HAVE SPREAD INDEX OF NOT GREATER THAN 200 AND SMOKE-DEVELOPED INDEX OF NOT GREATER THAN 450 AS PER FBC R302.9
- ALL INSULATION MATERIAL SHALL HAVE A SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NO MORE THAN 450 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723 - FBC R302.10.1
- DOOR HANDLES, PULLS, ETC. TO BE EASILY GRASPABLE AND OPERABLE. 2010 FACBC 404.2.7
- ALL FIRE-RATED/SMOKE WALLS & PARTITIONS SHALL BE PERMANENTLY IDENTIFIED. SIGNAGE SHALL BE REPEATED AT INTERVALS NOT EXCEEDING 30 FT. AND INCLUDE LETTERING NOT LESS THAN 0.5 INCHES IN HEIGHT. SUGGESTED WORDING: "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS."-FBC'10 703.6.
- DOORS TO BE OPENABLE WITH NOT MORE THAN 1 SINGLE RELEASING OPERATION AS PER FBC '10 1008.1.9.2.
- FIRE RATED DOORS SHALL BE SELF CLOSING IN ACCORDANCE WITH 2010 FBC 715.4.8

FLOOR PLAN NOTES:

- EXISTING FLOOR TO CEILING GLASS AND ALUMINUM STORE FRONT TO REMAIN
- EXISTING 36" METAL DOOR TO REMAIN
- EXISTING 72" DOUBLE STORE FRONT ALUM. GLASS DOOR TO REMAIN.
- PROPOSED HANDS SINK
- PROPOSED NEW COUNTER (SEE DETAIL AT A6)
- CONTRACTOR TO REPAIR EXISTING DEMISSING WALL AS REQUIRED. (1HR FIRE RATED UP TO ROOF DECK)
- EXISTING WINDOW TO REMAIN
- PROPOSED FRAMELESS CAT II SFTY GLASS WALL (BY OTHERS)
- PROPOSED CABINET WITH COUNTER WITH SODA MACHINE ON TOP (BY OTHERS)
- WOOD SIDING (BY OTHERS/OWNER TO COORDINATE)
- 8"Ø ROUND GARBAGE OPENING

WALL LEGEND

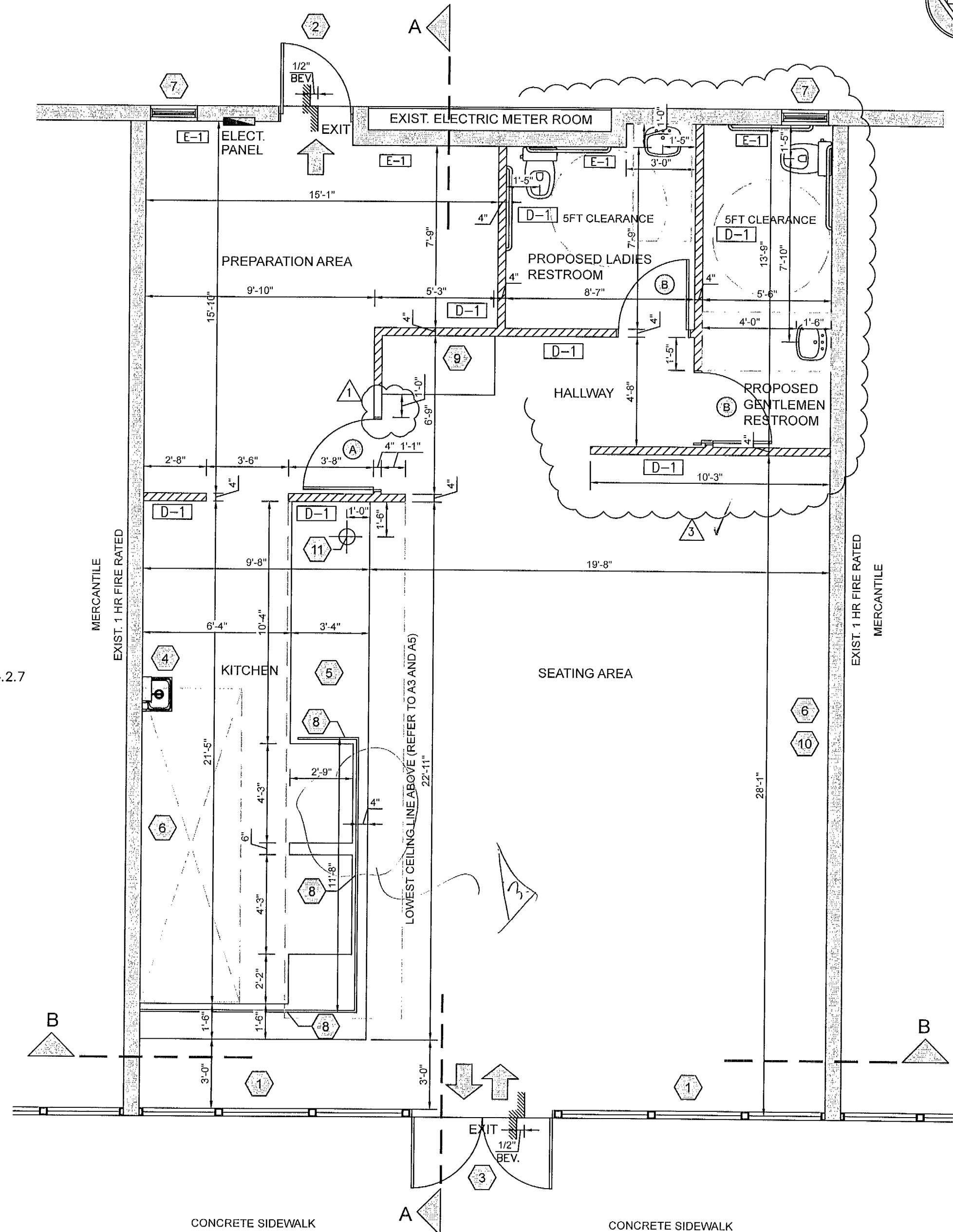
- EXIST. 8" DEMISSING WALL WITH R-11 INSULATION
- EXIST. 8" CBS WALL (EXTERIOR)
- PROPOSED 5/8" G.W.B. EA. SIDE ON 3-5/8" METAL STUDS 22 GAUGE @ 16" O.C.

DOOR SCHEDULE

| DOOR | TYPE       | MATERIAL | SIZE          | SADDLE | JAMB | REMARKS                  |
|------|------------|----------|---------------|--------|------|--------------------------|
| A    | H.C. FLUSH | WOOD     | 3'-0" X 6'-8" | NONE   | WOOD | PANIC BAR / SELF CLOSING |
| B    | H.C. FLUSH | WOOD     | 3'-0" X 6'-8" | NONE   | WOOD |                          |

REQ'D/PROVIDED PLUMBING FIXTURES 2014 FBCP TABLE 403.1:

W/C ----- 1 PER 50 ----- PROVIDED 2 FOR 40 OCCUPANTS  
LAVATORIES ----- 1 PER 50 ----- PROVIDED 2 FOR 40 OCCUPANTS



15TH STREET  
FLOOR PLAN

SCALE: 1/4"=1'-0"

APPLICABLE CODES:

2014 FLORIDA BUILDING CODE (FBC)  
2014 FLORIDA ACCESSIBILITY CODE (FAC)  
2014 FLORIDA FIRE PREVENTION CODE, 5TH EDITION

FINISH NOTES:

FLOORING

- F1 VINYL COMPOSITION TILE MANUFACTURER: ARMSTRONG  
MODEL: 12" X 12" EXCELON  
COLOR: STANDARD EXCELON (51836 SHELTER WHITE)  
FINISH: SEALED AND POLISHED.
- F2 CERAMIC TILE MANUFACTURER: TBD  
MODEL: TBD  
DIMENSION: TBD  
COLOR: TBD  
GROUT: TBD

F3 QUARRY TILE

MANUFACTURER: "DAL-TILE"  
FINISH: NON-SLIP SURFACE  
SIZE: 6" X 6"  
COLOR: TO BE DETERMINED.  
INSTALLATION: SET IN EPOXY GROUT

BASE

- B1 MANUFACTURER: TBD  
MODEL: QUARRY TILE BASE  
COLOR: TBD
- B2 MANUFACTURER: TBD  
MODEL: TBD  
PRODUCT: TBD  
COLOR: TBD
- B3 MANUFACTURER: TBD  
MODEL: VINYL BASE BOARD  
COLOR: TBD

WALLS

- P PRIMER
- W1 (PAINT 2 COATS MINIMUM REQUIRED)  
MANUFACTURER: BENJAMIN MOORE  
MODEL: FLAT LATEX #1464 (VERIFY COLOR WITH OWNER)
- W2 MANUFACTURER: PITTSBURG  
MODEL: No.16-902 EPOXY  
COLOR: WHITE (VERIFY COLOR)

PAINTING NOTES:

- FOR SURFACE PREPARATION DETAILS & INFORMATION CONTACT
- "SHERWIN WILLIAMS" AT 1-800-321-8194
  - ALL COLORS TO BE SELECTED BY A/E & OWNER AT LATER DATE.
  - ALL STRUCTURAL STEEL AND MISCELLANEOUS STEEL TO BE PAINTED U.S.C. OF GREY RUSTOLEUM AND ONE FIELD COAT AS SPECIFIED ON DRAWINGS.

CEILING

- C1 DROP-IN CEILING:  
MANUFACTURER: ARMSTRONG  
MODEL: MINABOARD FISSURED No. 7558 CLASS A -ASTM E-84  
SIZE: 24"x24"x5/8" LAY-IN FOR 15/16" GRID  
15/16" prelude exposed tee grid system.
- C2 5/8" GYPSUM WALLBOARD PAINTED WHITE
- C3 GREASE RETARDANT ACOUSTIC TILE

NOTE: PROVIDE R-11 BATT INSULATION ABOVE GYPSUM CEILING

MILLWORK

- MANUFACTURER: WILSONART (TOILETS)  
COLOR: # D-421-60 MIDORI
- ALL EXPOSED EXTERIOR SURFACES SHALL BE PLASTIC LAMINATED
- ALL INTERIOR OF CASEWORK SHALL BE STANDARD WHITE CABINET LINER

FRAMES AND TRIM

- (PAINT 2 COATS MINIMUM REQUIRED)  
MANUFACTURER: BENJAMIN MOORE  
MODEL: SATIN FINISH ENAMEL  
COLOR: #1464

FBC NOTES:

WALLS AND PARTITIONS WITHIN 2 FEET OF URINALS AND WATER CLOSETS, SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE, TO A HEIGHT OF 4 FEET ABOVE THE FINISH FLOOR, AND EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIALS USED IN SUCH WALLS SHALL BE OF A TYPE THAT IS NOT ADVERSELY AFFECTED BY MOISTURE.

INTERIOR WALLS, FLOOR, CEILING, DECORATIONS AND TRIM SHALL COMPLY WITH FBC CHAPTER 8.

WHERE PROVIDED, CHECK-OUT AISLES, SALES COUNTERS, SERVICE COUNTERS, FOOD SERVICE LINES, QUEUES AND WAITING LINES, SHALL COMPLY WITH FAC 227 AND 904

WHERE DINING SURFACES ARE PROVIDED FOR THE CONSUMPTION OF FOOD OR DRINK, AT LEAST 5% OF THE SEATING SPACES AND STANDING SPACES AT THE DINING SURFACES SHALL COMPLY WITH F.A.C. 226 AND 902.

ALL INTERIOR FINISHES SHALL COMPLY WITH NFPA 101-102.2

WOOD SIDING SHALL BE FLAME RETARDANT.

PROVIDE SPLASH GUARD FOR DEEP FRYERS

FINISH SCHEDULE

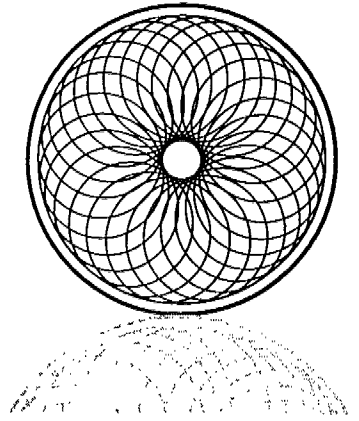
| ROOM NAME        | FLOOR  | BASE  | WALLS      |            |            |            | WAINSCOT |      | CEILING |        | REMARKS                            |
|------------------|--------|-------|------------|------------|------------|------------|----------|------|---------|--------|------------------------------------|
|                  |        |       | NORTH      | EAST       | SOUTH      | WEST       | MAT.     | HGT. | MAT.    | HGT.   |                                    |
| SEATING AREA     | SC     | B2    | -          | GYP. P. W1 | GYP. P. W1 | GYP. P. W1 |          |      | GYP. C2 | 12'-0" | GYP. CEILING (SEE SECTION)         |
| SERVING AREA     | SC     | B2    | -          | -          | GYP. P. W1 | -          |          |      | GYP. C2 | 8'-0"  | GYP. DROPPED CEILING (SEE SECTION) |
| STORAGE ROOM     | VCT F1 | V B2  | GYP. P. W1 | GYP. P. W1 | GYP. P. W1 | GYP. P. W1 |          |      | ACT C1  | 8'-0"  | 2 x 4 FIRE RATED ACOUSTICAL CLG    |
| HALLWAY          | SC     | CT B2 | GYP. P. W1 | GYP. P. W1 | GYP. P. W1 | GYP. P. W1 |          |      | GYP. C2 | 10'-0" | GYP. CEILING (SEE SECTION)         |
| LADIES RESTROOM  | SC     | CT B2 | GYP. P. W1 | GYP. P. W1 | GYP. P. W1 | GYP. P. W1 |          |      | GYP. C2 | 10'-0" | GYP. CEILING (SEE SECTION)         |
| MEN RESTROOM     | SC     | V B3  | GYP. P. W1 | GYP. P. W1 | GYP. P. W1 | GYP. P. W1 |          |      | GYP. C2 | 10'-0" | GYP. CEILING (SEE SECTION)         |
| KITCHEN          | QT F3  | QT B1 | -          | P. W1      | GYP. P. W1 | -          |          |      | ACT C3  | 12'-0" | 2 x 4 FIRE RATED ACOUSTICAL CLG    |
| PREPARATION AREA | QT F3  | QT B1 | GYP. P. W1 | P. W1      | GYP. P. W1 | GYP. P. W1 |          |      | ACT C3  | 8'-0"  | 2 x 4 FIRE RATED ACOUSTICAL CLG    |

LEGEND:

ACT ACOUSTICAL CEILING TILE SC SMOOTH CONCRETE P PAINT  
CT CERAMIC TILE V VINYL COVE VCT VINYL COMPOSITION TILE GYP GYPSUM WALLBOARD  
QT QUARRY TILE

REVISIONS

| NUMBER | DESCRIPTION   | DATE       |
|--------|---------------|------------|
| 1      | CITY COMMENTS | 12-20-2015 |
| 2      | CITY COMMENTS | 03-07-2016 |
| 3      | CITY COMMENTS | 03-11-2016 |



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SYSTEMS UNITED

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12237 SW 204th TERR.  
Miami, Florida 33177

PROJECT TITLE:

PROPOSED  
RESTAURANT

PROJECT ADDRESS:

1112 - 15 STREET,  
MIAMI BEACH, FL.

CLIENT:

KABOBS

DRAWING TITLE:

FLOOR PLAN

DESCRIPTION

PROJECT NUMBER: 2015-109

DATE: 10-06-2015

DRAWN BY: EF

APPROVED BY: R.J.P.

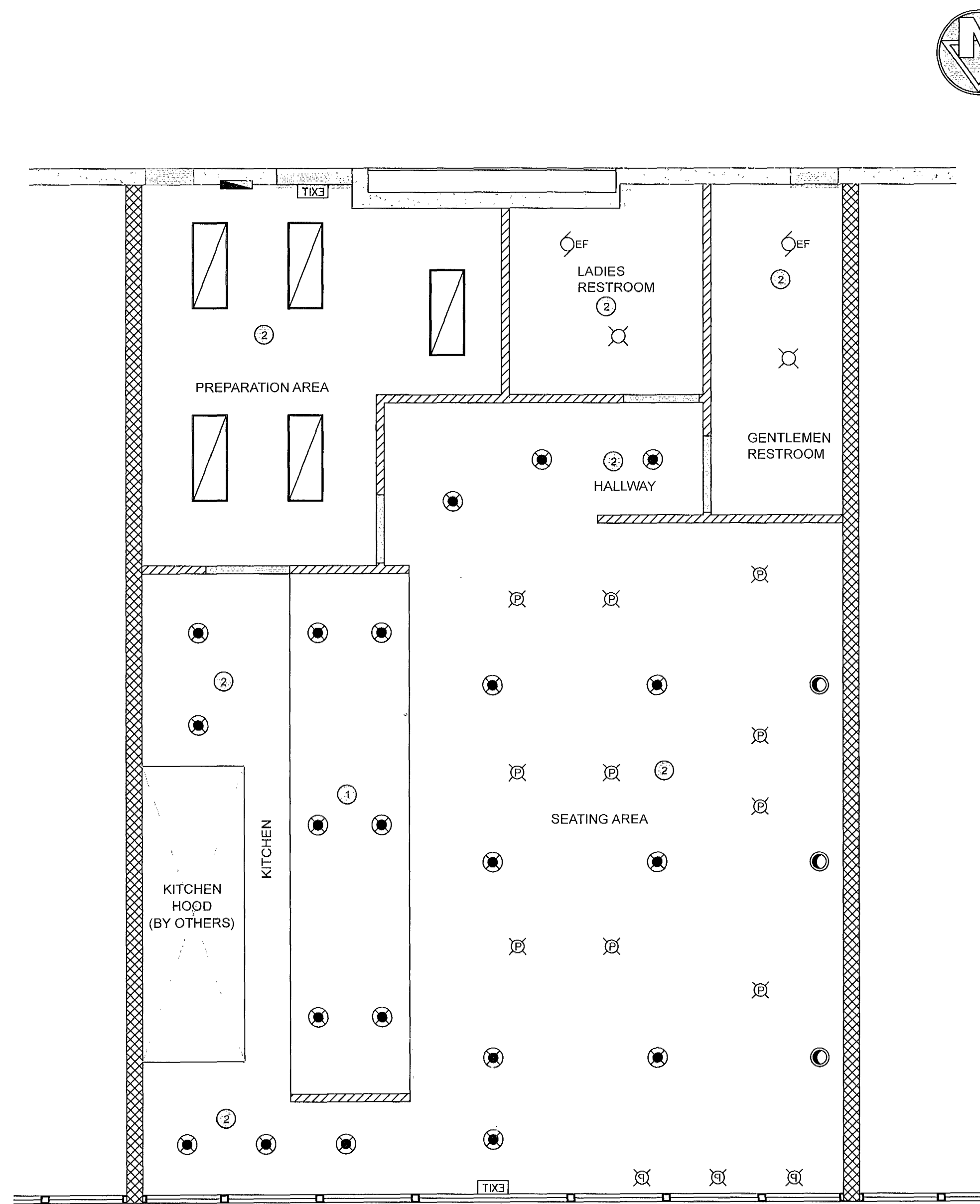
SHEET NUMBER

A-2

2

of 7

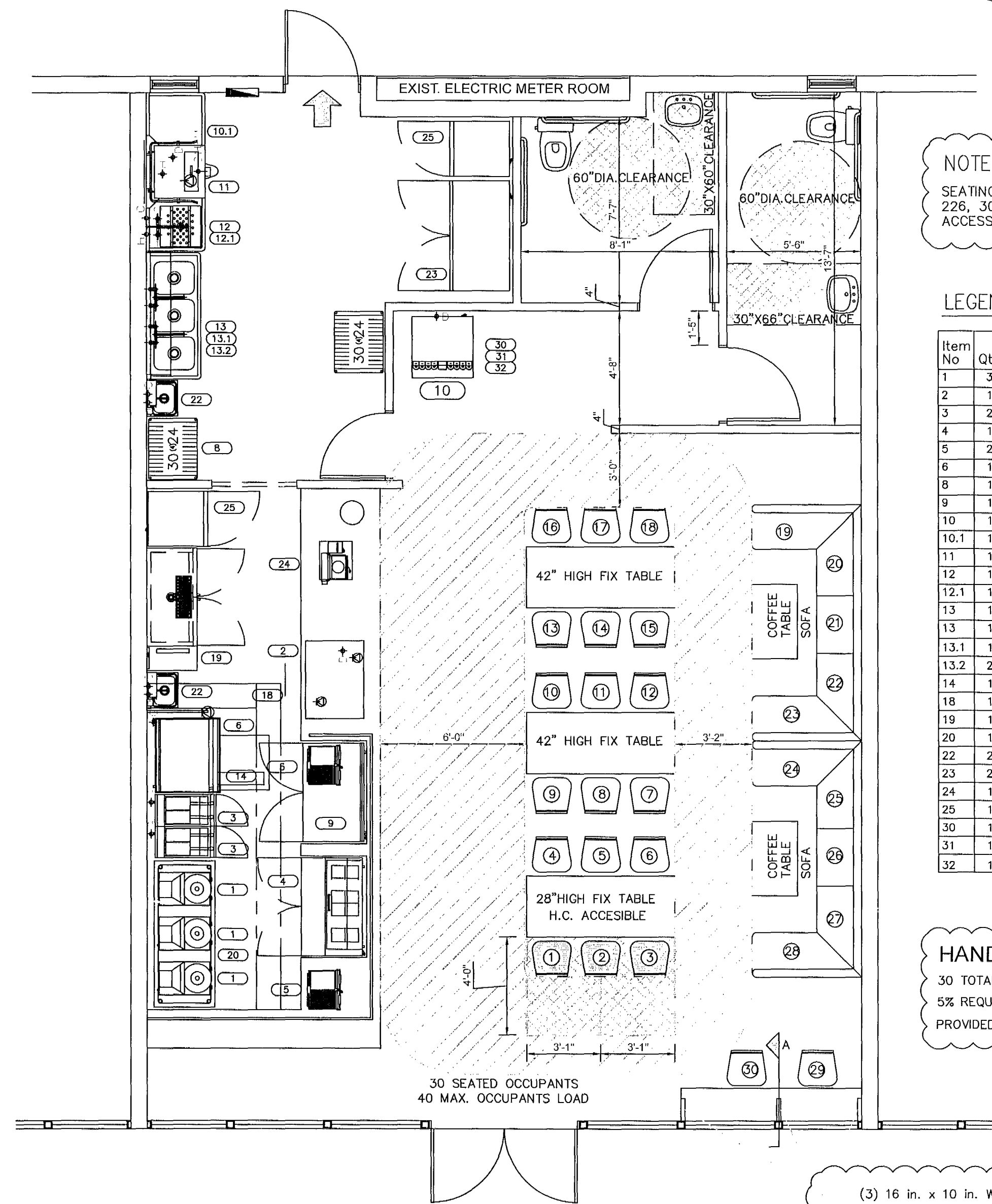
SEAL AND SIGNATURE:



CEILING PLAN

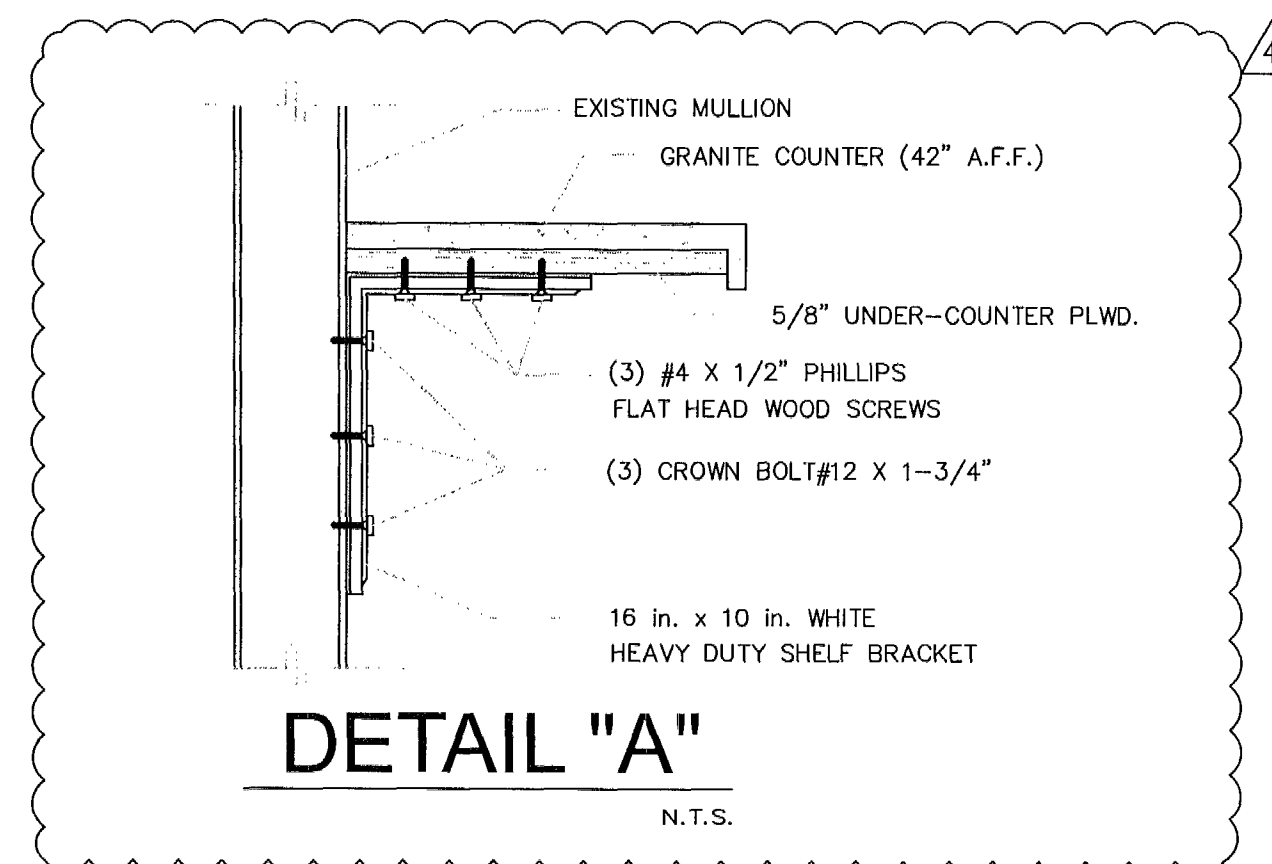
SCALE: 1/4"=1'-0"

| LEGEND |                                                                                       |
|--------|---------------------------------------------------------------------------------------|
|        | CEILING MOUNTED INCANDESCENT                                                          |
|        | PENDANT LIGHT FIXTURE                                                                 |
|        | RECESSED CAN FIXTURE                                                                  |
|        | RECESSED EYEBALL FIXTURE                                                              |
|        | 24"x48" 4 BULB FLUORESCENT                                                            |
|        | CEILING EXHAUST FAN WITHOUT LIGHT                                                     |
|        | CEILING EXHAUST FAN AND LIGHT COMBINATION                                             |
|        | EXIT SIGN                                                                             |
|        | METAL FRAMING STRUCTURE WITH 1/2" DRYWALL FLAT FINISHED (REFER TO SECTION 8'-0" AFF.) |
|        | 1HR FIRE RATED 5/8" DRYWALL CLG. 12'-0" AFF. (SEE DETAIL 06)                          |
|        | METAL FRAME PARTITION TYP. (REFER TO PARTITION DETAIL)                                |
|        | EXISTING DEMISING WALL 2HR FIRE RATED (SEE ASSY. DETAIL)                              |
|        | EXISTING CBS WALL                                                                     |



EQUIPMENT / SEATING PLAN

SCALE: 1/4"=1'-0"



DETAIL "A"

N.T.S.

NOTE:  
SEATING CAPACITY TO COMPLY WITH SECTIONS 226, 306 AND 902 OF THE 2014 FLORIDA ACCESSIBILITY CODE

LEGEND

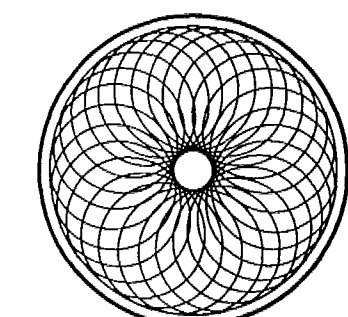
| Item No | Qty | Equipment Category                           |
|---------|-----|----------------------------------------------|
| 1       | 3   | Broiler, Vertical                            |
| 2       | 1   | Refrigerated Service Drop-In Counter Case    |
| 3       | 2   | Fryer, Deep Fat, Gas                         |
| 4       | 1   | Refrigerator, Sandwich/Salad Prep            |
| 5       | 2   | Panini Grille, Half Smooth/Half Ridged Plate |
| 6       | 1   | Griddle, Gas                                 |
| 8       | 1   | Shelving 30" X 24"                           |
| 9       | 1   | Refrigerator, Worktop                        |
| 10      | 1   | Over counter Dispenser, Ice/Beverage         |
| 10.1    | 1   | Dishtable, Straight                          |
| 11      | 1   | Warewasher, Door Type, Low Temp              |
| 12      | 1   | Dishtable, Straight                          |
| 12.1    | 1   | Pre-Rinse Faucet, Deck Mount                 |
| 13      | 1   | Ice Maker w/o Bin                            |
| 13      | 1   | Sink, NSF, 3 comp, 18 gauge                  |
| 13.1    | 1   | Pot Rack, Wall Mount                         |
| 13.2    | 2   | Faucet, Wall Mount                           |
| 14      | 1   | Refrigerator, Shorty                         |
| 18      | 1   | Exhaust Hood System                          |
| 19      | 1   | Dispenser, Beer                              |
| 20      | 1   | Custom Worktable 72" x 30"                   |
| 22      | 2   | Hand Sink, Wall Mount                        |
| 23      | 2   | Freezer, Reach-In                            |
| 24      | 1   | KOL POS Terminal                             |
| 25      | 1   | Refrigerator, Reach-In                       |
| 30      | 1   | Dispenser, Ice/Beverage                      |
| 31      | 1   | Ice Maker w/o Bin                            |
| 32      | 1   | Filter System, Fountain Beverage             |

HANDICAP ACCESSIBLE SEATING  
30 TOTAL SEATED OCC.  
5% REQUIRED H.C. ACCESSIBLE= 1.5  
PROVIDED (2) 30" WIDE SPACES

(3) 16 in. x 10 in. WHITE HEAVY DUTY SHELF BRACKET  
ONE EACH MULLION TO SUPPORT COUNTER.  
FASTENED TO MULLION WITH (3) CROWN BOLT#12 X 1-3/4"  
HEX HEAD SHEET MTL. SCREWS. AND TO 5/8" UNDER-COUNTER PLWD.  
WITH (3) #4 X 1/2" PHILLIPS FLAT HEAD WOOD SCREWS

City of Miami Beach  
Fire Prevention Division  
PLANS APPROVED

| REVISIONS |             |            |
|-----------|-------------|------------|
| NUMBER    | DESCRIPTION | DATE       |
| 1         | COMMENTS    | 12-8-15    |
| 2         | COMMENTS    | 03-07-2016 |
| 3         | COMMENTS    | 03-11-2016 |
| 4         | COMMENTS    | 03-14-2016 |



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Miami, Florida 33177

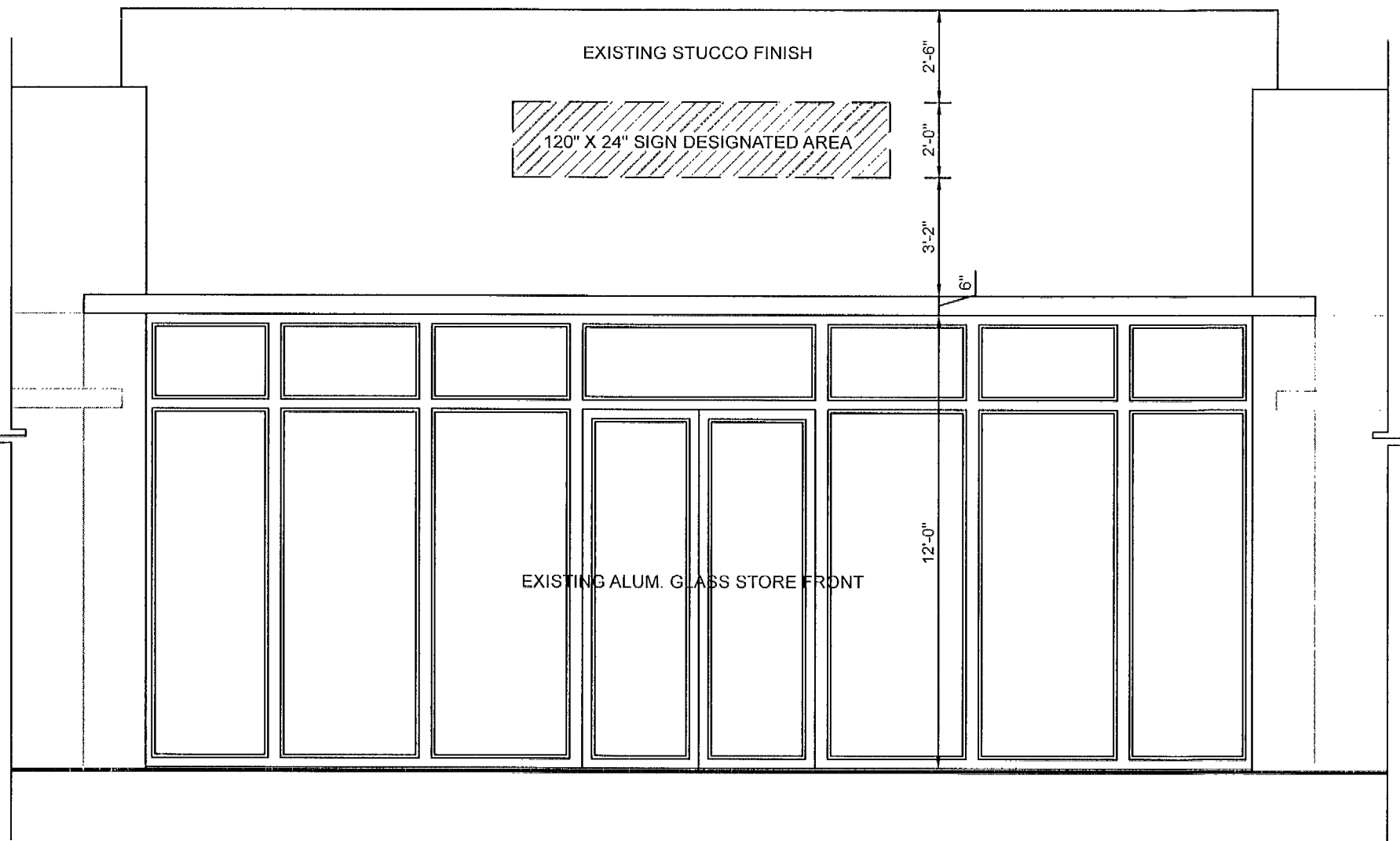
PROJECT TITLE:  
PROPOSED  
RESTAURANT

PROJECT ADDRESS:  
1112 - 15 STREET,  
MIAMI BEACH, FL.

CLIENT:  
KABOBS

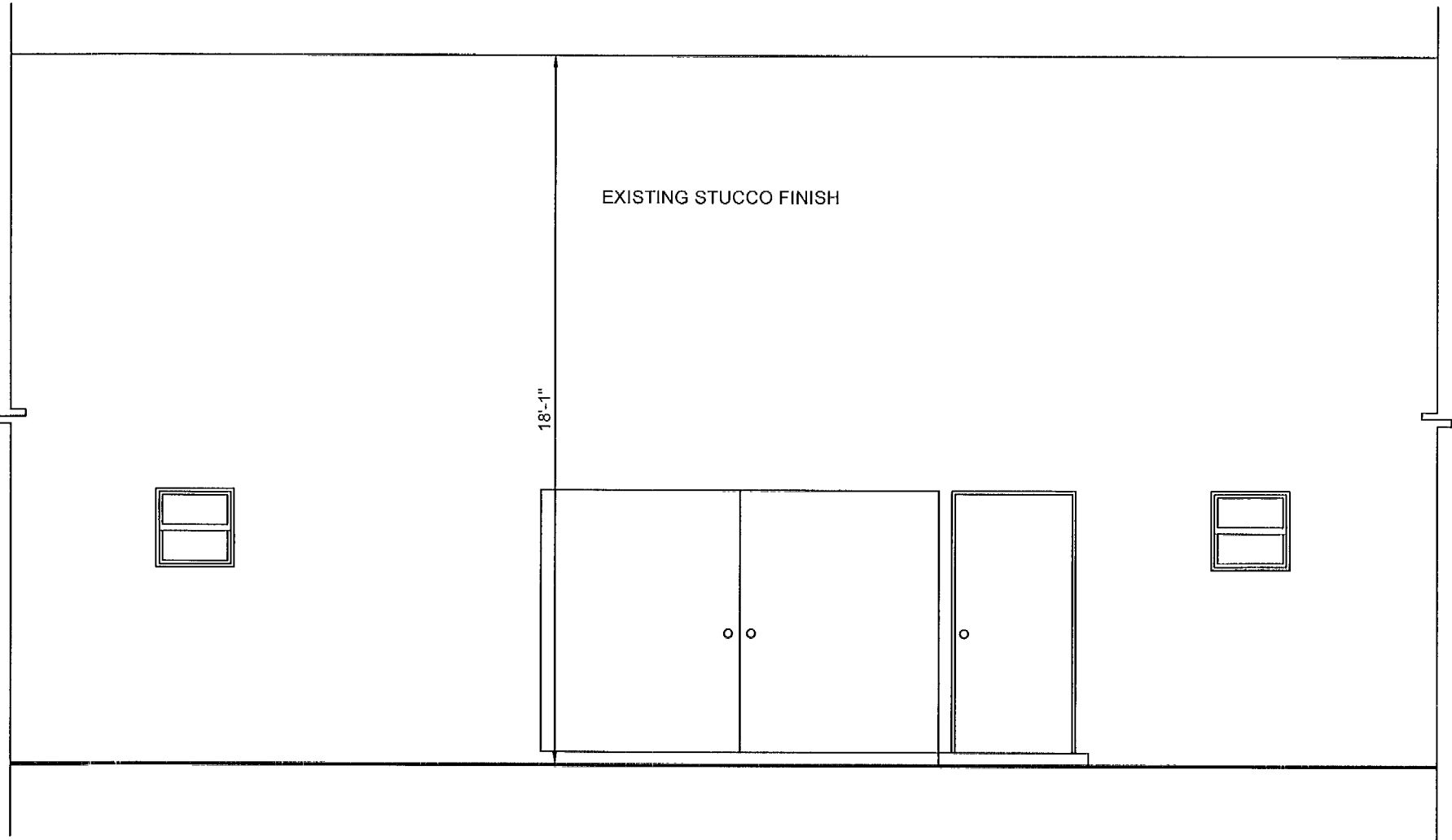
DRAWING TITLE:  
EQUIPMENT PLAN  
CEILING PLAN

| DESCRIPTION                 | SEAL AND SIGNATURE: |
|-----------------------------|---------------------|
| PROJECT NUMBER:<br>2015-109 |                     |
| DATE:<br>10-06-2015         |                     |
| DRAWN BY:<br>EF             |                     |
| APPROVED BY:<br>R.J.P.      |                     |
| SHEET NUMBER                |                     |
| A-3                         |                     |
| 3 of 7                      |                     |



FRONT ELEVATION

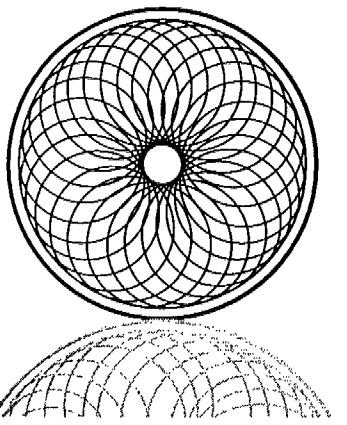
SCALE: 1/4"=1'-0"



REAR ELEVATION

SCALE: 1/4"=1'-0"

| REVISIONS |             |      |
|-----------|-------------|------|
| NUMBER    | DESCRIPTION | DATE |
|           |             |      |
|           |             |      |
|           |             |      |
|           |             |      |
|           |             |      |



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Miami, Florida 33177

PROJECT TITLE:

PROPOSED  
RESTAURANT DELI

PROJECT ADDRESS:

1112- 15 STREET,  
MIAMI BEACH, FL.

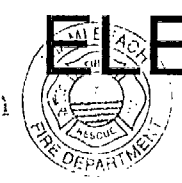
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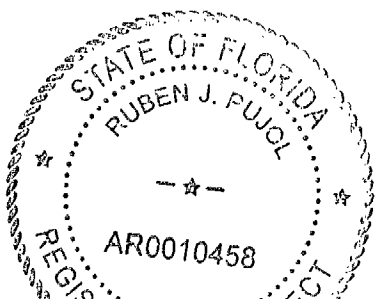
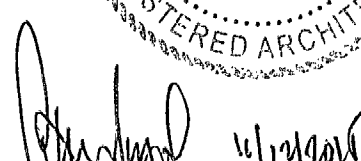
JAN JENS

DRAWING TITLE:

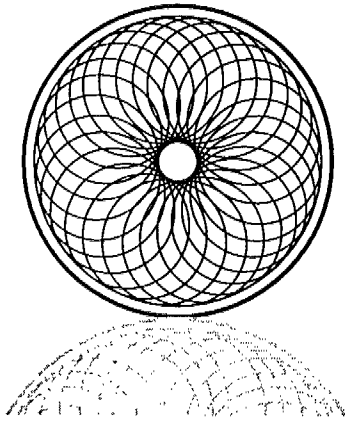
ELEVATIONS

City of Miami Beach  
Fire Prevention Division  
PLANS APPROVED



| DESCRIPTION                 |      | SEAL AND SIGNATURE:                                                                   |
|-----------------------------|------|---------------------------------------------------------------------------------------|
| PROJECT NUMBER:<br>2015-109 |      |  |
| DATE:<br>10-06-2015         |      |                                                                                       |
| DRAWN BY:<br>EF             |      |                                                                                       |
| APPROVED BY:<br>R.J.P.      |      |                                                                                       |
| SHEET NUMBER                |      |                                                                                       |
| A-4                         |      |  |
| 4                           | of 7 |                                                                                       |

| REVISIONS |             |            |
|-----------|-------------|------------|
| NUMBER    | DESCRIPTION | DATE       |
| 1         | COMMENTS    | 12-8-15    |
| 2         | COMMENTS    | 03-07-2016 |
| 3         | COMMENTS    | 03-11-2016 |
|           |             |            |
|           |             |            |



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MIAMI BEACH, FL.**

CLIENT:

**KABOBS**

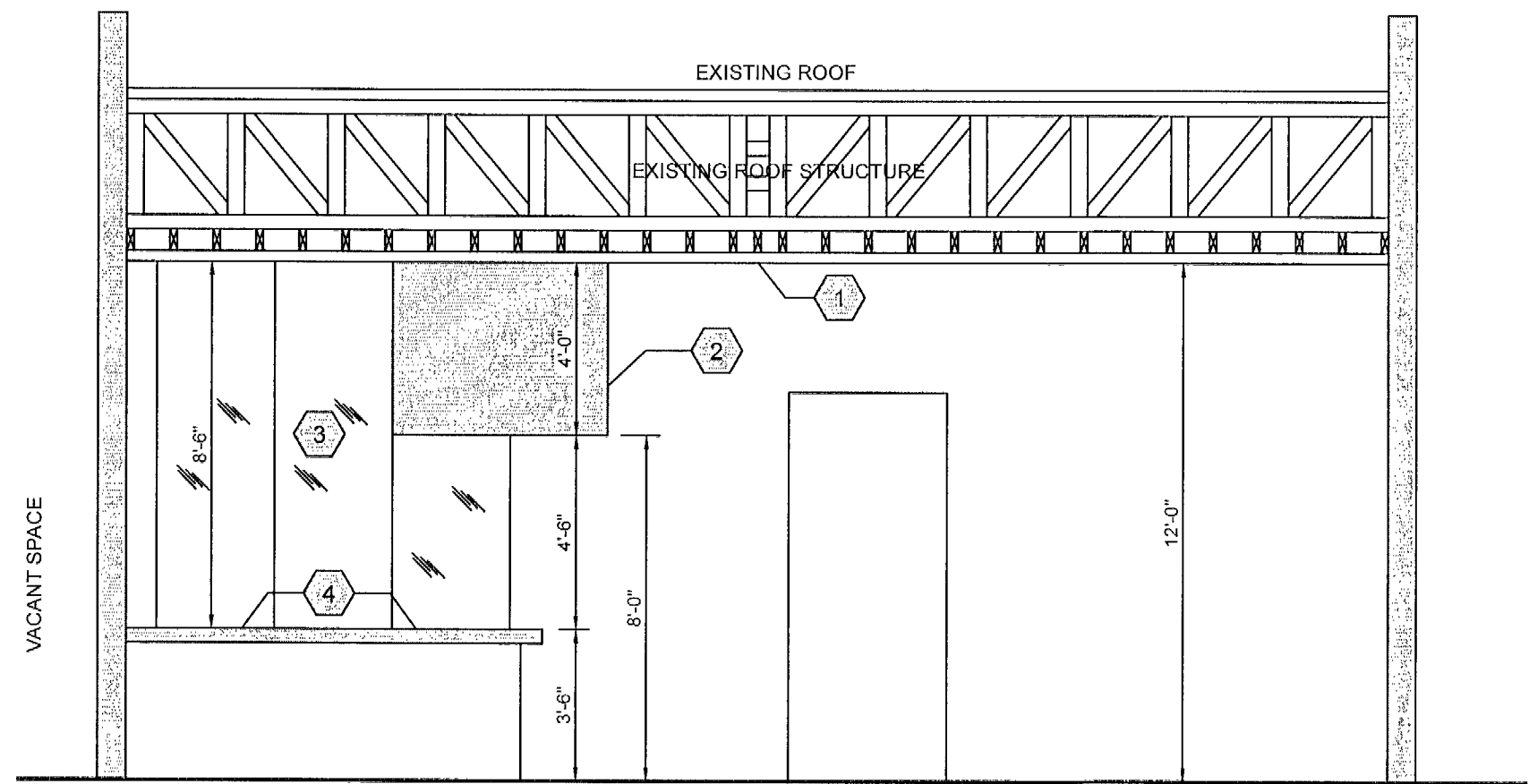


PLANS APPROVED  
City of Miami Beach  
Fire Prevention Division

DRAWING TITLE:

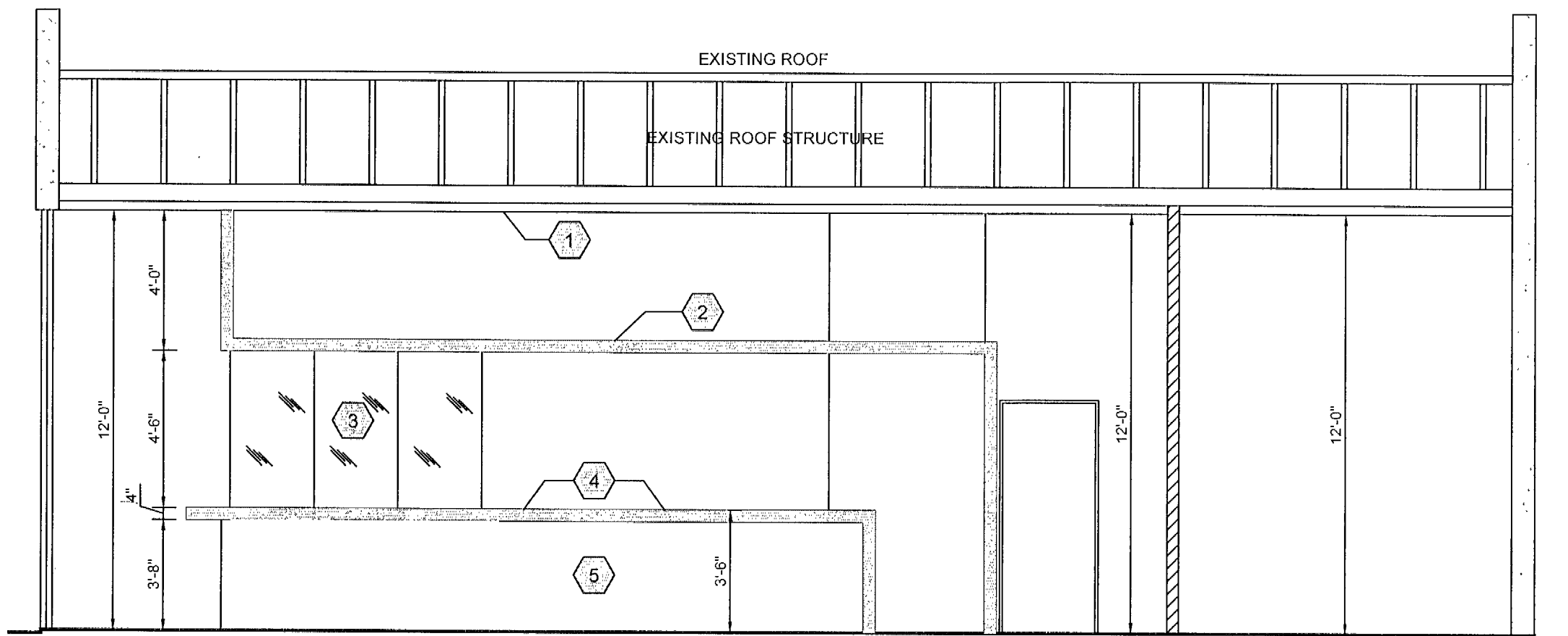
**GENERAL SECTIONS**

| DESCRIPTION                 |      | SEAL AND SIGNATURE: |  |
|-----------------------------|------|---------------------|--|
| PROJECT NUMBER:<br>2015-109 |      | <br>3/11/2016       |  |
| DATE:<br>10-06-2015         |      |                     |  |
| DRAWN BY:<br>EF             |      |                     |  |
| APPROVED BY:<br>R.J.P.      |      |                     |  |
| SHEET NUMBER<br><b>A-5</b>  |      |                     |  |
| 5                           | of 7 |                     |  |



**SECTION B-B**

SCALE: 1/4"=1'-0"



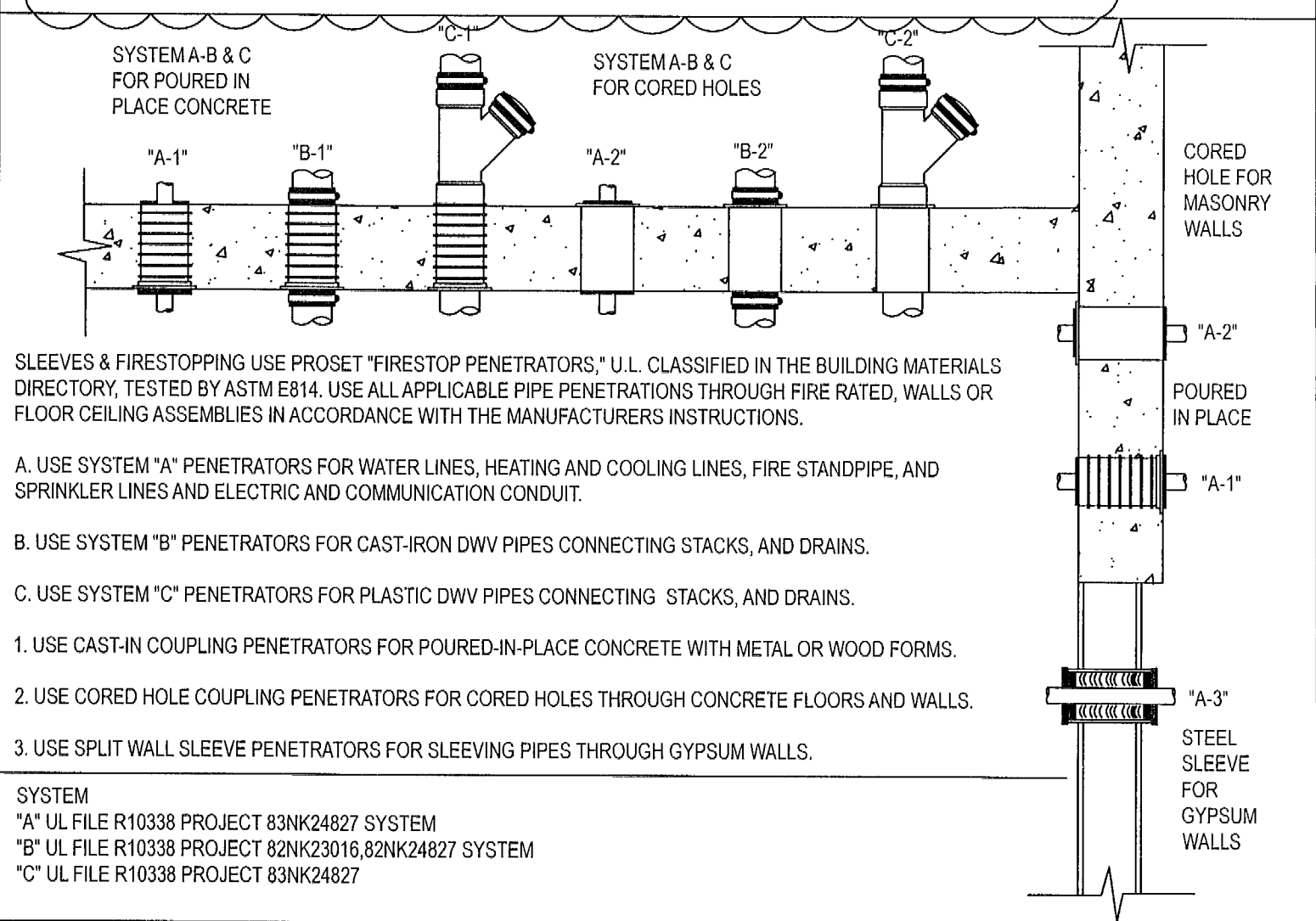
**SECTION A-A**

SCALE: 1/4"=1'-0"

**SECTION NOTES**

- 1 DRYWALL CEILING (AFF 12'-0") REFER TO CLG. DETAIL AT SHEET A-6
- 2 PROPOSED DECORATIVE CEILING (3-5/8"MTL STUDS @ 16"O.C. EACH WAY, COVERED W/1/2"GWB ALL SIDES) AFF 8'-0"
- 3 PROPOSED FRAMELESS GLASS WALL / COUNTER TO CEILING (BY OTHERS)
- 4 PROPOSED COUNTER (OWNER TO COORDINATE)
- 5 WOOD CLADDING FINISH (OWNER TO COORDINATE)

**PROSET SYSTEMS "FIRE PENETRATOR" DETAILS**



**System No. WL-2003**

SYSTEM NO. WL2003 (FORMERLY SYSTEM NO. 148) P RATINGS - 1 AND 2 HR (SEE ITEM 3) T RATINGS - 1 AND 2 HR (SEE ITEM 3) L RATING AT AMBIENT - 7 CFM/SQ FT (SEE ITEM 3B) L RATING AT 400 F - LESS THAN 1 CFM/SQ FT (SEE ITEM 3B)

**SECTION 'A-A'**  
SCALE: N.T.S.

**1. WALL ASSEMBLY**

THE 1 OR 2 HR FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:

A. STUDS - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED 16 IN. OC WITH NOM 2 BY 4 IN. LUMBER END PLATES AND CROSS RACES. STEEL STUDS TO BE MIN 3-5/8 IN. WIDE BY 1-3/8 IN. DEEP CHANNELS SPACED MAX 24 IN. OC.

B. WALLBOARD, GYPSUM - 5/8 IN. THICK, 4 FT WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM WALLBOARD TYPE, THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES DESIGN IN THE UL FIRE RESISTANCE DIRECTORY. MAX DIAM OF OPENING IS 3-1/8 IN.

**2. NONMETALLIC PIPE**

NOM 2 IN. DIAM (OR SMALLER) SCHEDULE 40 POLYVINYL CHLORIDE (PVC) PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS. ONE PIPE TO BE CENTERED IN FIRESTOP SYSTEM. THE ANNULAR SPACE BETWEEN THE PIPE AND THE CIRCULAR CUTOUT IN THE GYPSUM WALLBOARD LAYERS ON EACH SIDE OF THE WALL SHALL BE MIN 1/4 IN. TO MAX 3/8 IN. PIPE TO BE BE RIDGILY SUPPORTED ON BOTH SIDES OF THE WALL ASSEMBLY.

**3. FIRESTOP SYSTEM**

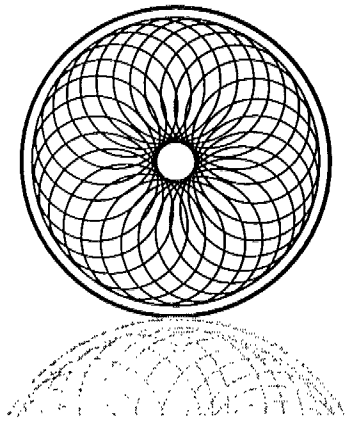
INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL ASSEMBLY. THE HOURLY F AND T RATINGS FOR THE FIRESTOP SYSTEM ARE EQUAL TO THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED. THE DETAILS OF THE FIRESTOP SYSTEM SHALL BE AS FOLLOWS.

A. FILL, VOID OR CAVITY MATERIALS - WRAP STRIP - NOM 1/4 IN. THICK INTUMESCENT ELASTOMERIC MATERIAL FACED ON ONE SIDE WITH ALUMINUM FOIL, SUPPLIED IN 2 IN. WIDE STRIPS. NOM 2 IN. WIDESTRIP TIGHTLY WRAPPED AROUND NONMETALLIC PIPE (FOIL SIDE OUT) WITH SEAM BUTTED. WRAP STRIP LAYER SECURELY BOUND WITH STEEL WIRE OR ALUMINUM FOIL TAPE AND SLID INTO ANNULAR SPACE APPROX. 1-1/4 IN. SUCH THAT APPROX. 3/4 IN. OF THE WRAP STRIP PROTRUDES FROM THE WALL SURFACE. MINNESOTA MINING & MFG. CO. - TYPES FS-195, FS-195+

B. FILL, VOID OR CAVITY MATERIALS - CAULK-MIN 1/4 IN. DIAM CONTINUOUS BEAD APPLIED TO LEADING EDGE OF WRAP STRIP LAYER (ITEM A) PRIOR TO INSERTION OF WRAP STRIP LAYER INTO ANNULAR SPACE. AFTER INSERTION OF WRAP STRIP LAYER IN ANNULAR SPACE, A NOM 1/4 IN. DIAM CONTINUOUS BEAD IS TO BE APPLIED TO THE WRAP STRIP/WALL INTERFACE AND TO THE EXPOSED EDGE OF THE WRAP STRIP LAYERS APPROX. 3/4 IN. FROM THE WALL SURFACE.

MINNESOTA MINING & MFG. CO. - TYPES CP-25 SIL, CP-25 N/S, CP-25 WB, CP-25WB+ (NOTE: L RATINGS APPLY ONLY WHEN TYPE CP-25 WB+ CAULK IS USED.) \*BEARING THE UL CLASSIFICATION MARKING.

| REVISIONS |             |            |
|-----------|-------------|------------|
| NUMBER    | DESCRIPTION | DATE       |
| 1         | COMMENTS    | 12-8-15    |
| 2         | COMMENTS    | 03-11-2016 |
|           |             |            |
|           |             |            |



**BLUE  
SYSTEMS UNITED**

**RUBEN JUAN PUJOL  
ARCHITECT, P.A.  
A.I.A. AR#0010458 N.A.C.A.**

THESE DRAWINGS AND DESIGNS ARE THE PROPERTY  
OF RUBEN J. PUJOL AIA AND ARCHITECT DESIGN  
GROUP LLC AND SHALL NOT BE  
REPRODUCED WITHOUT THEIR WRITTEN CONSENT.

12237 SW 204th TERR.  
Miami, Florida 33177

PROJECT TITLE:

**PROPOSED  
RESTAURANT**

PROJECT ADDRESS:

**1112 - 15 STREET,  
MIAMI BEACH, FL.**

CLIENT:

**KABOBS**



PLANS APPROVED  
City of Miami Beach  
Fire Prevention Division

DRAWING TITLE:

**ARCHITECTURAL  
DETAILS**

| DESCRIPTION                 |      | SEAL AND SIGNATURE:                                                                            |  |
|-----------------------------|------|------------------------------------------------------------------------------------------------|--|
| PROJECT NUMBER:<br>2015-109 |      | <br>RUBEN J. PUJOL<br>REGISTERED ARCHITECT<br>AR0010458<br><br><i>Rubén J. Pujol</i> 3/11/2016 |  |
| DATE:<br>10-06-2015         |      |                                                                                                |  |
| DRAWN BY:<br>EF             |      |                                                                                                |  |
| APPROVED BY:<br>R.J.P.      |      |                                                                                                |  |
| SHEET NUMBER                |      |                                                                                                |  |
| A-6                         |      |                                                                                                |  |
| 6                           | of 7 |                                                                                                |  |

## INTERIOR STUD FRAMING LIMITATIONS CHART

THIS DATA IS BASED ON THE "U.S. GYPSUM CO." PRODUCT DATA FOR THE PURPOSE OF  
LIMITING THE HEIGHTS OF UNBRACED PARTITIONS. THE USE OF THIS DATA IS TO SET A  
MAXIMUM HEIGHT STANDARD FOR SUCH PARTITIONS.

TYPICAL LIMITING HEIGHTS - INTERIOR STUD FRAMING TABLE 1

| STUD DESIGN           | STUD WIDTH | STUD SPACING | ALLOW. DEF.    | PARTITION HEIGHT ONE LAYER 5/8" | PARTITION HEIGHT TWO LAYERS 5/8" | FURRING ONE LAYER 5/8" |
|-----------------------|------------|--------------|----------------|---------------------------------|----------------------------------|------------------------|
| 25 GAUGE (.0179 MIN.) |            |              |                |                                 |                                  |                        |
| 158ST25               | 1 5/8"     | 16"          | L/360<br>L/360 | 9'6" d<br>8'3" d                | 10'6" d<br>9'0" d                | 8'3" d<br>7'3" d       |
|                       |            | 24"          | L/360<br>L/360 | 8'3" d<br>7'3" d                | 8'9" f<br>8'0" d                 | 7'3" d<br>6'3" d       |
| 212ST25               | 2 1/2"     | 16"          | L/360<br>L/360 | 12'6" d<br>10'9" d              | 13'6" d<br>11'9" d               | 11'0" d<br>9'9" d      |
|                       |            | 24"          | L/360<br>L/360 | 10'9" d<br>9'6" d               | 11'3" f<br>10'3" d               | 9'9" d<br>8'6" d       |
| 358ST25               | 3 5/8"     | 16"          | L/360<br>L/360 | 16'0" d<br>14'0" d              | 16'9" f<br>14'9" d               | 14'6" d*<br>12'9" d*   |
|                       |            | 24"          | L/360<br>L/360 | 13'6" f<br>12'3" d              | 13'6" f<br>13'0" d               | 12'9" d*<br>11'0" d    |
| 400ST25               | 4"         | 16"          | L/360<br>L/360 | 17'3" d<br>15'0" d              | 17'3" f<br>15'9" d               | 15'9" d*<br>13'9" d    |
|                       |            | 24"          | L/360<br>L/360 | 14'3" f<br>13'0" d              | 14'3" f<br>13'9" d               | 13'9" d*<br>12'0" d    |
| 600ST25               | 6"         | 16"          | L/360<br>L/360 | 20'0" f<br>20'0" f              | 20'0" f<br>20'0" f               | 20'0" f*<br>18'9" f    |
|                       |            | 24"          | L/360<br>L/360 | 15'0" v<br>15'0" v              | 15'0" v<br>15'0" v               | 15'0" v*<br>15'0" v    |

22 GAUGE (.0270 MIN.)

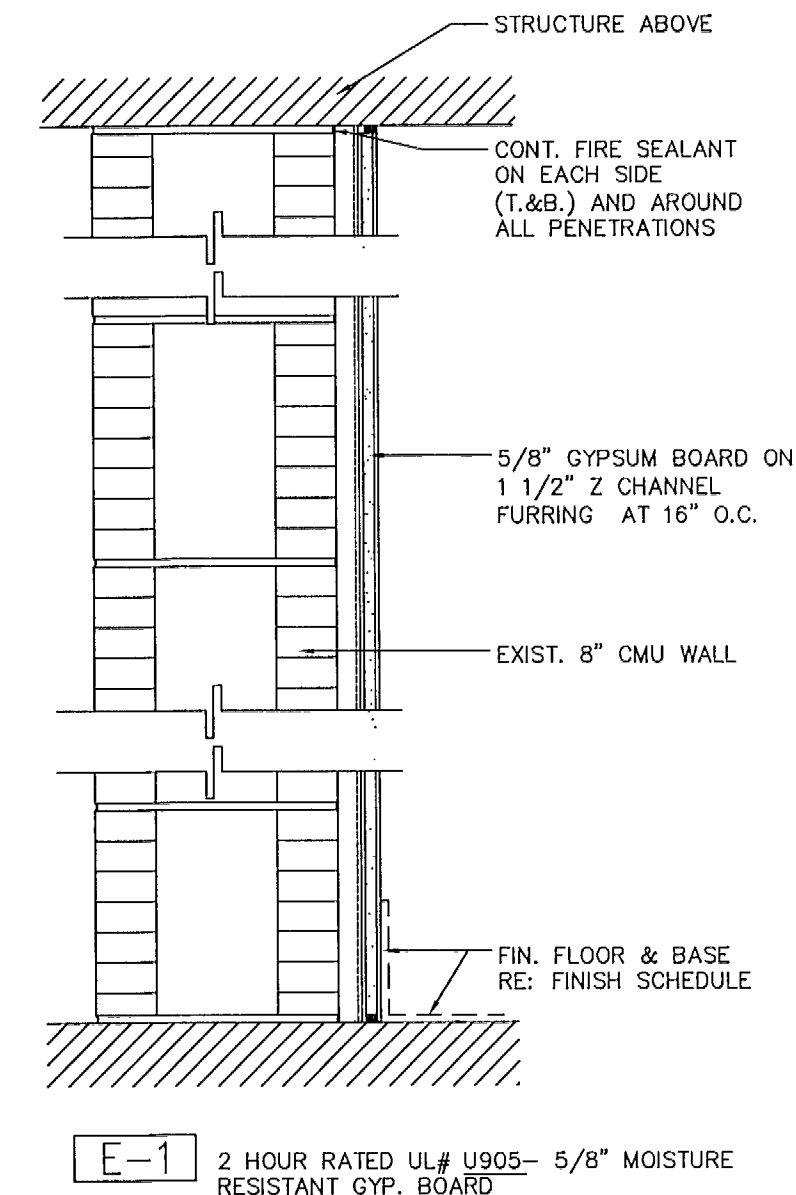
|         |        |     |                |                    |                    |                      |
|---------|--------|-----|----------------|--------------------|--------------------|----------------------|
| 212ST22 | 2 1/2" | 16" | L/360<br>L/360 | 13'0" d<br>11'6" d | 14'0" d<br>12'3" d | 12'0" d<br>10'6" d   |
|         |        | 24" | L/360<br>L/360 | 11'6" d<br>10'0" d | 12'3" d<br>10'6" d | 10'6" d<br>9'3" d    |
| 358ST22 | 3 5/8" | 16" | L/360<br>L/360 | 17'3" d<br>15'0" d | 18'0" d<br>15'9" d | 16'0" d*<br>14'0" d* |
|         |        | 24" | L/360<br>L/360 | 15'0" d<br>13'0" d | 15'9" d<br>13'9" d | 14'0" d*<br>12'3" d* |
| 400ST22 | 4"     | 16" | L/360<br>L/360 | 18'6" d<br>16'3" d | 19'3" d<br>16'9" d | 17'3" d*<br>15'0" d  |
|         |        | 24" | L/360<br>L/360 | 16'3" d<br>14'0" d | 16'9" d<br>14'9" d | 15'0" d*<br>13'3" d  |
| 600ST22 | 6"     | 16" | L/360<br>L/360 | 25'3" d<br>22'0" d | 26'0" d<br>22'9" d | 23'9" d*<br>20'9" d  |
|         |        | 24" | L/360<br>L/360 | 22'0" d<br>19'3" d | 22'9" d<br>19'9" d | 20'9" d*<br>18'3" d  |

20 GAUGE (.0329 MIN.)

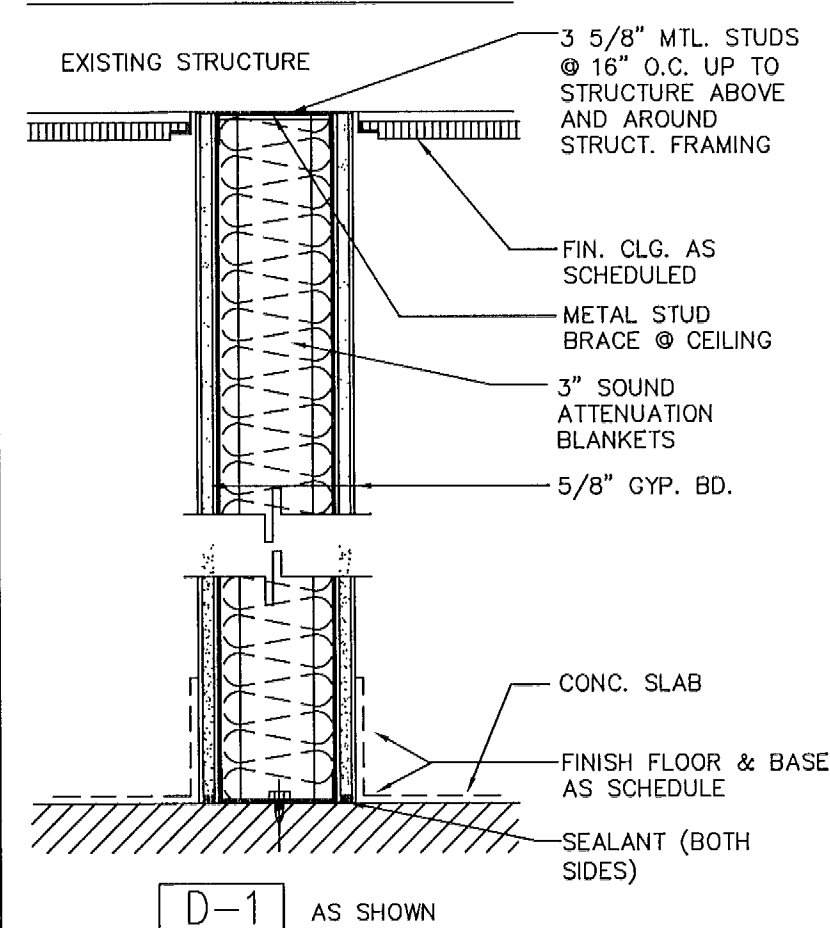
|         |        |     |                |                    |                    |                      |
|---------|--------|-----|----------------|--------------------|--------------------|----------------------|
| 212ST22 | 2 1/2" | 16" | L/360<br>L/360 | 14'0" d<br>12'3" d | 14'9" d<br>13'0" d | 13'0" d*<br>11'6" d  |
|         |        | 24" | L/360<br>L/360 | 12'3" d<br>10'9" d | 13'0" d<br>11'3" d | 11'6" d<br>10'0" d   |
| 358ST22 | 3 5/8" | 16" | L/360<br>L/360 | 18'3" d<br>16'0" d | 19'0" d<br>16'6" d | 17'3" d*<br>15'0" d* |
|         |        | 24" | L/360<br>L/360 | 16'0" d<br>14'0" d | 16'6" d<br>14'6" d | 15'0" d*<br>13'3" d  |
| 400ST22 | 4"     | 16" | L/360<br>L/360 | 19'6" d<br>17'3" d | 20'3" d<br>17'9" d | 18'9" d*<br>16'3" d  |
|         |        | 24" | L/360<br>L/360 | 17'3" d<br>15'0" d | 17'9" d<br>15'6" d | 16'3" d*<br>14'3" d  |
| 600ST22 | 6"     | 16" | L/360<br>L/360 | 26'6" d<br>23'3" d | 27'6" d<br>24'0" d | 25'6" d*<br>22'3" d* |
|         |        | 24" | L/360<br>L/360 | 23'3" d<br>20'3" d | 24'0" d<br>21'0" d | 22'3" d*<br>19'6" d* |

TYPICAL LIMITING HEIGHTS - CHASE WALL PARTITIONS TABLE 2

| STUD DESIGN           | STUD WIDTH | STUD SPACING | ALLOW. DEF. | PARTITION HEIGHT GWB BOTH SIDES | PARTITION HEIGHT GWB ONE SIDE |
|-----------------------|------------|--------------|-------------|---------------------------------|-------------------------------|
| 20 GAUGE (.0329 MIN.) |            |              |             |                                 |                               |
| 600CH20               | 6"         | 24"          | L/360       | 20'11" d                        | 21'2" d                       |



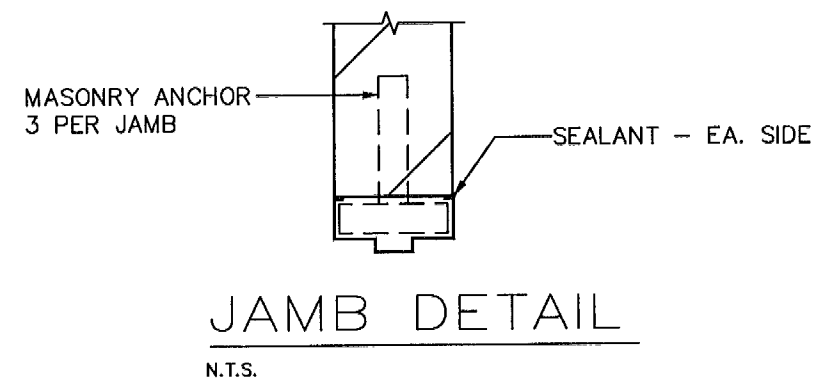
E-1 2 HOUR RATED UL# U905- 5/8" MOISTURE RESISTANT GYP. BOARD



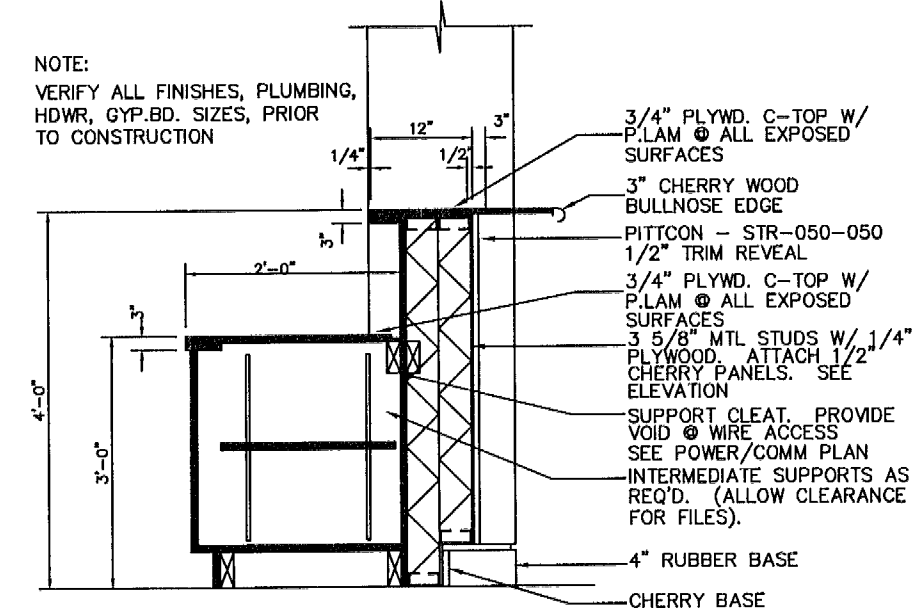
D-1 AS SHOWN

### NOTES:

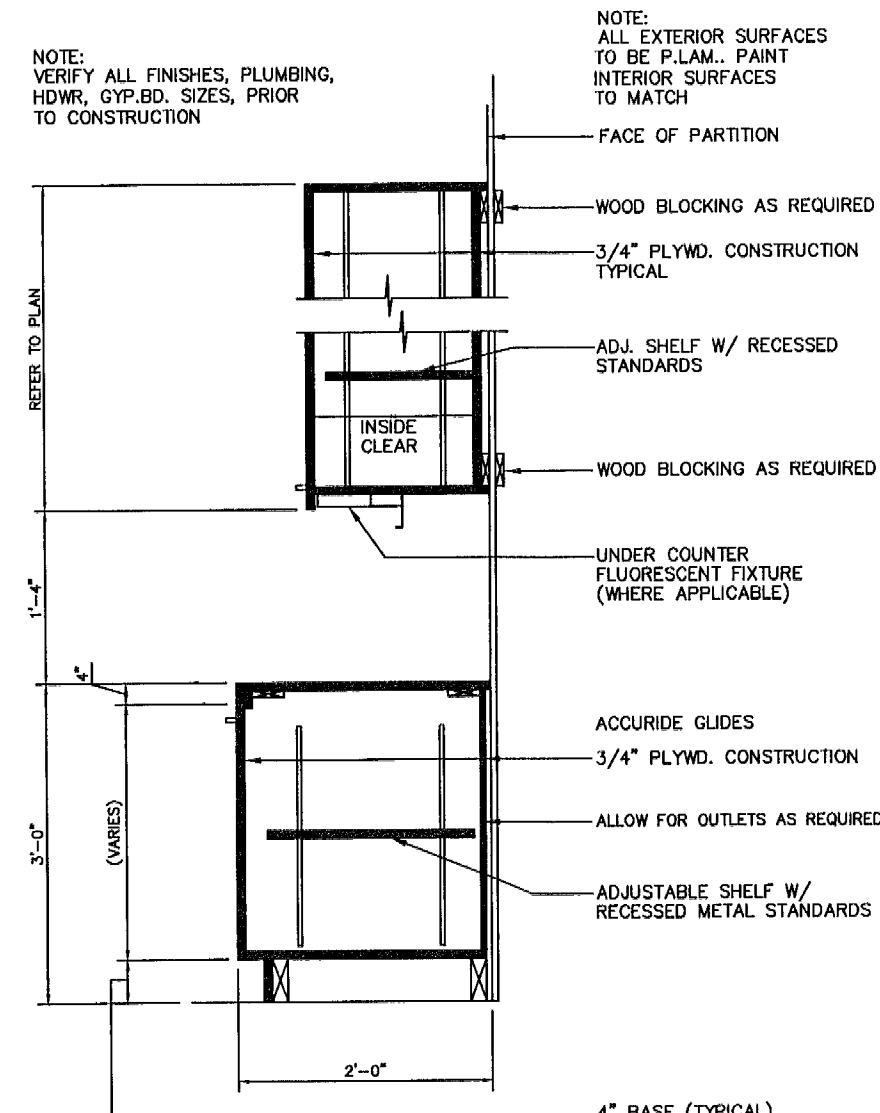
- LIMITING HEIGHT FOR 5/8" GYPSUM PANELS AND 5 PSF UNIFORM LOAD PERPENDICULAR TO PARTITION OR FURRING. USE TWO-LAYER HEIGHTS FOR MULTI-LAYER ASSEMBLIES.
- USE ONE-LAYER HEIGHTS FOR UNBALANCED ASSEMBLIES. USE TWO-LAYER HEIGHTS FOR MULTI-LAYER ASSEMBLIES.
- FOR FURRING, STUD ATTACHED TO TOP AND BOTTOM RUNNERS AND FREE-STANDING UP TO 12'-0" HEIGHT.
- \*STUDS EXCEEDING 12'-0" HEIGHT REQUIRE MID-HEIGHT ANCHOR TO EXTERIOR WALL. ASSEMBLIES WITHOUT FACE PANELS AND CHASE WALLS PARTITIONS REQUIRE VERTICAL CROSS BRACES 4'-0" O.C. MAX. LIMITING CRITERIA: D-DEFLECTION, F-BENDING STRESS, V-END REACTION, SHEAR.
- THE TYPICAL PHYSICAL AND STRUCTURAL PROPERTIES AND APPLICABLE TABLES PUBLISHED WITH THIS CHART REPRESENT CHARACTERISTICS AND/OR STEEL STUDS CURRENTLY AVAILABLE FROM A GROUP OF STEEL STUD MANUFACTURERS.
- GENERAL CONTRACTOR TO CONSULT STUD MANUFACTURER FOR ACTUAL PHYSICAL AND STRUCTURAL PROPERTIES, STUD THICKNESSES AND LIMITING HEIGHT TABLES TO DETERMINE FINAL STUD SELECTION.



JAMB DETAIL

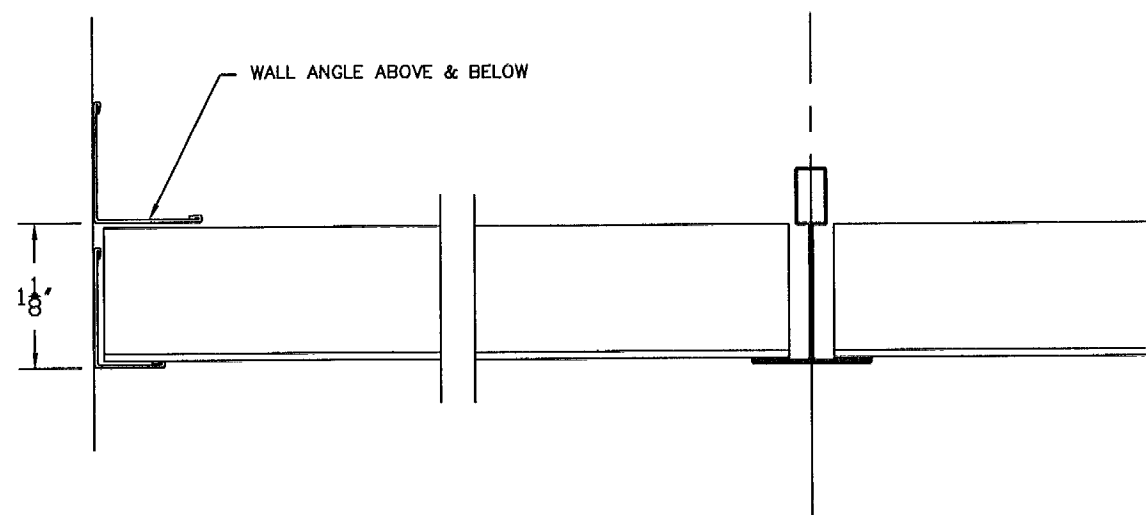


FRONT COUNTER SECTION



CABINERY SECTION

N.T.S.



CLG. WALL TRIM DETAIL (TYP)

N.T.S.

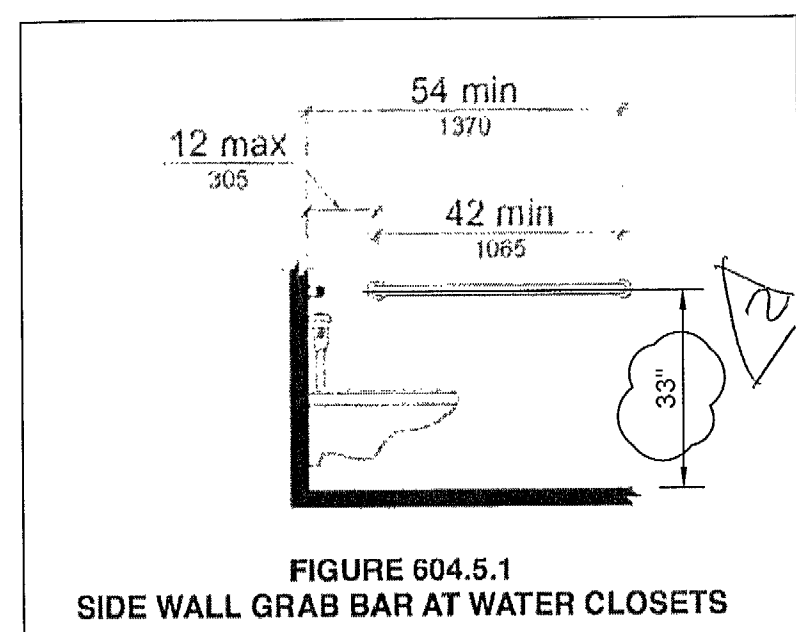


FIGURE 604.5.1  
SIDE WALL GRAB BAR AT WATER CLOSETS

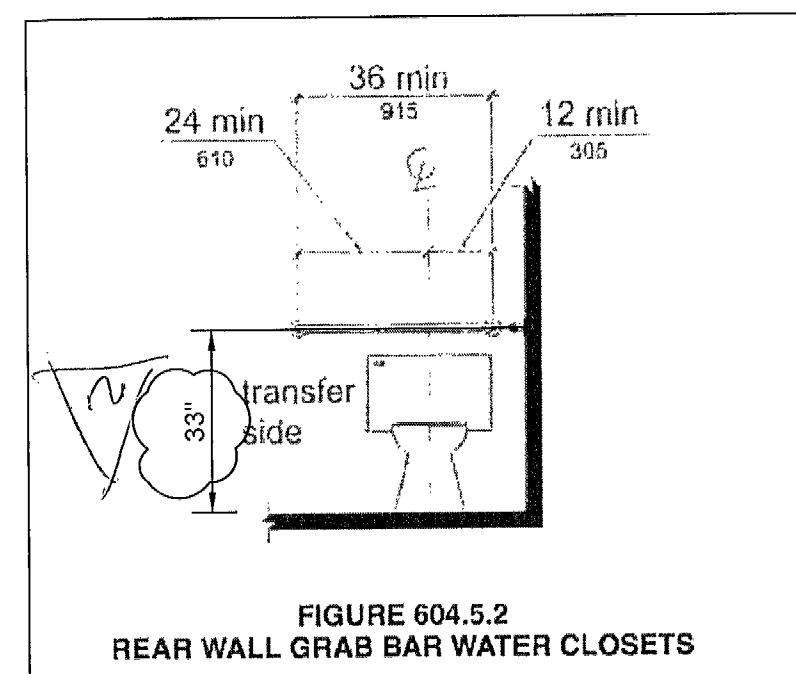


FIGURE 604.5.2  
REAR WALL GRAB BAR WATER CLOSETS

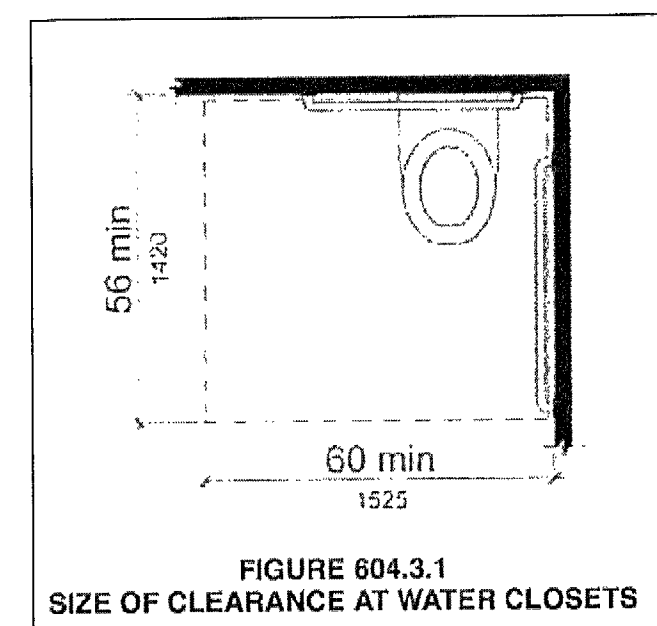
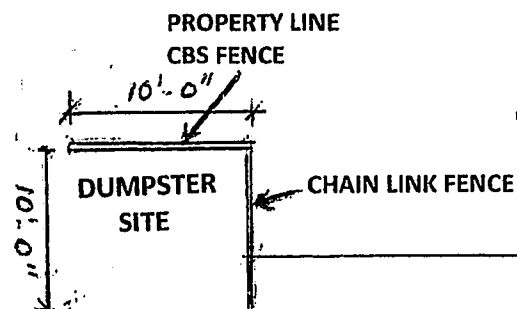


FIGURE 604.3.1  
SIZE OF CLEARANCE AT WATER CLOSETS

B1601044

**PAPA JOHN'S**  
1100 15 ST  
MIAMI BEACH, FLA 33139

147'-9"



**PAPA JOHN'S**

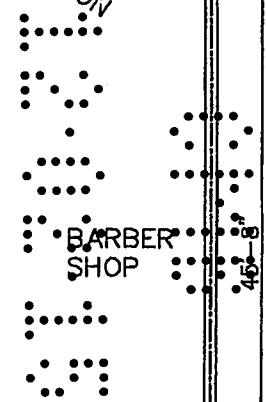
MALL

MOVE  
BANK

LABORATORY  
FOOD MARKET

OFFICE COPY  
CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY  
THE FOLLOWING:

|                  |            |
|------------------|------------|
| BUILDING:        | RM 12/2/15 |
| ZONING:          | 12-1015    |
| PLUMBING:        |            |
| ELECTRICAL:      |            |
| MECHANICAL:      |            |
| FIRE PREVENTION: | TA 12/2/15 |
| FLOOD:           |            |
| PUBLIC WORKS:    |            |
| STRUCTURAL:      | AV 12/2/15 |
| ELEVATOR:        |            |
| ROOFING:         |            |



----- 15 ST -----



**SITE PLAN**

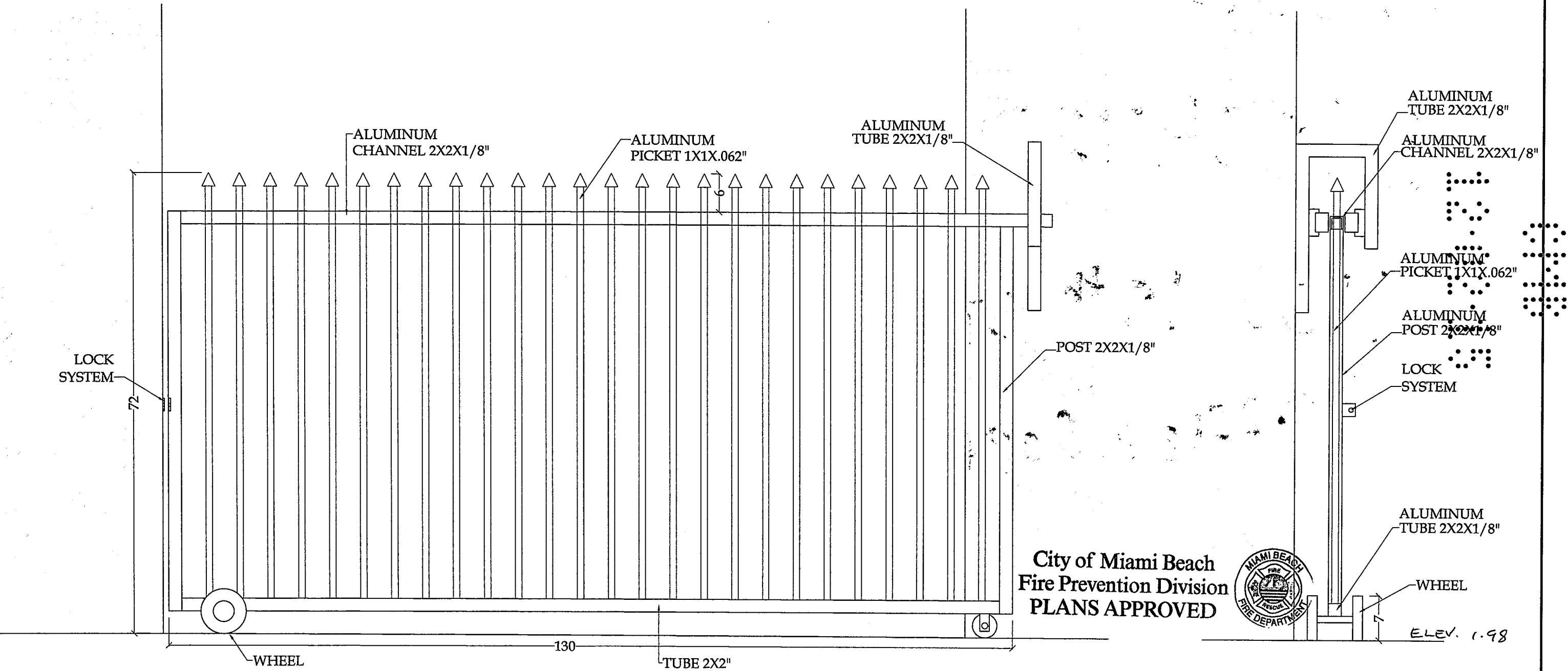
**NEW DUMPSTER GATE**

City of Miami Beach  
Fire Prevention Division  
PLANS APPROVED



NOTICE: In addition to the requirement of this permit, there may be additional restrictions applicable to this property that may be found in the Public Records of this County and there may be additional permits required from other government entities such as water management districts, state agencies, or federal agencies. The City of Miami Beach assumes no responsibility for acquiring permits from these plans which are approved subject to compliance with Federal, State, and Local Laws, Rules, and Regulations.

DUMPSTER GATE



City of Miami Beach  
Fire Prevention Division  
PLANS APPROVED



ENGINEERING DEPARTMENT



B1601044

B1504727

1100 15<sup>th</sup> ST

Office Copy

**PERMIT NUMBER**

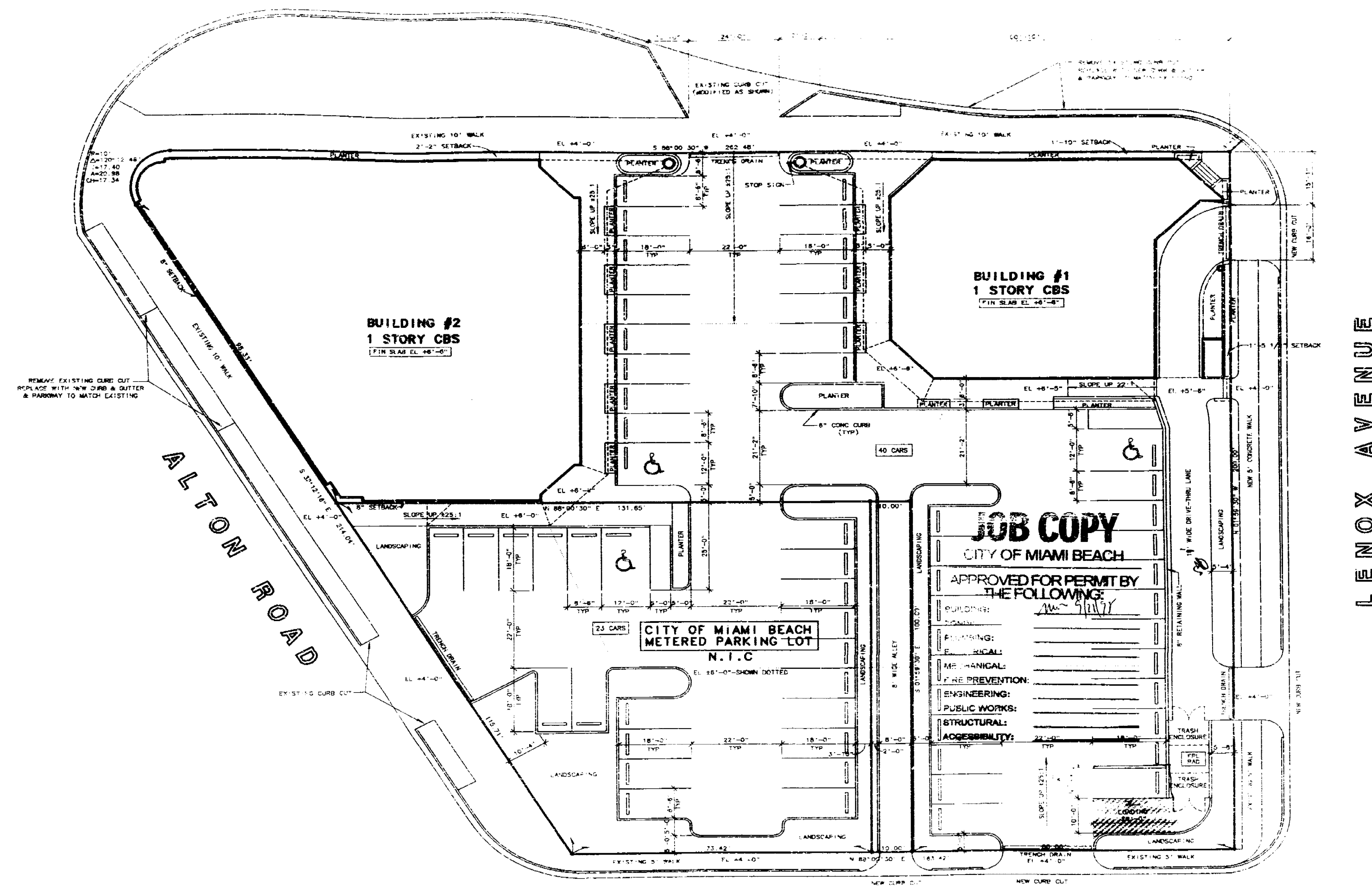
B 9500.334

**ADDRESS**

45



1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840.



**1 SITE PLAN**  
1/16"=1'-0"

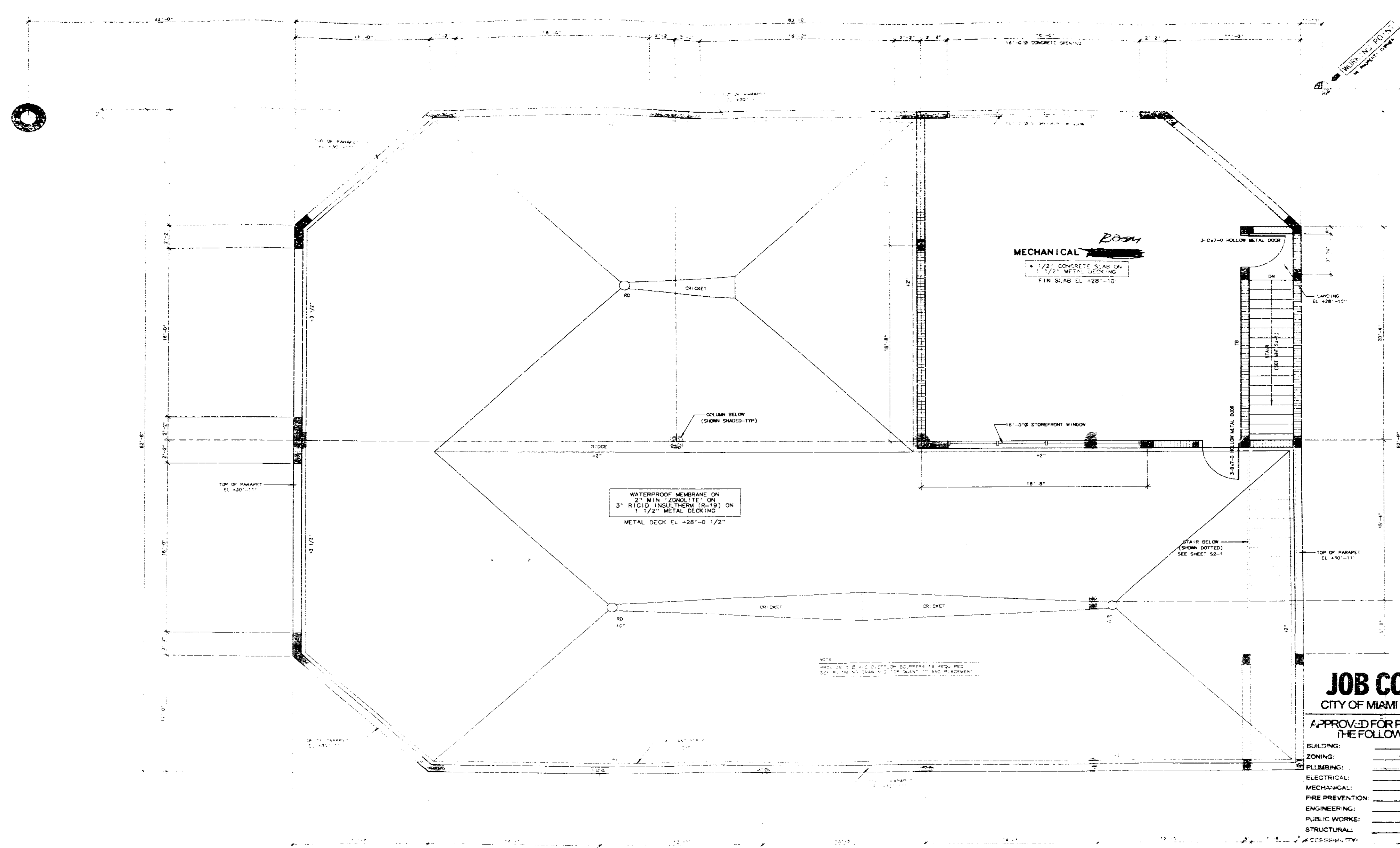
DESIGN REVIEW BOARD  
BOARD APPROVAL \_\_\_\_\_  
DIRECTOR \_\_\_\_\_  
APPR. \_\_\_\_\_  
CONCURRENCE \_\_\_\_\_  
NOT APPROVED \_\_\_\_\_  
DATE \_\_\_\_\_  
BY \_\_\_\_\_

LENOX AVENUE

**VERSQUARE**

**JAMES F. SILVERS & ASSOC., P.A.**  
11130-5TH STREET MIAMI BEACH, FLA.  
ARCHITECT/DEVELOPER 305/672-0801





① MAIN ROOF & PENTHOUSE FLOOR PLAN

**JOB COPY**  
CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY THE FOLLOWING:

|                  |  |
|------------------|--|
| BUILDING:        |  |
| ZONING:          |  |
| PLUMBING:        |  |
| ELECTRICAL:      |  |
| MECHANICAL:      |  |
| FIRE PREVENTION: |  |
| ENGINEERING:     |  |
| PUBLIC WORKS:    |  |
| STRUCTURAL:      |  |
| ACCESSIBILITY:   |  |

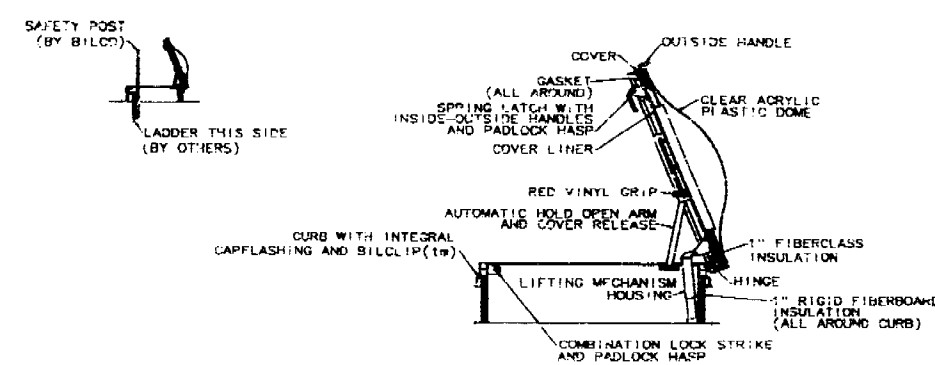
DATE: 28 AUG 93

**JAMES F. SILVERS & ASSOC., P.A.**  
1130-5TH STREET MIAMI BEACH, FLA.  
ARCHITECT/DEVELOPER 305/672-0801

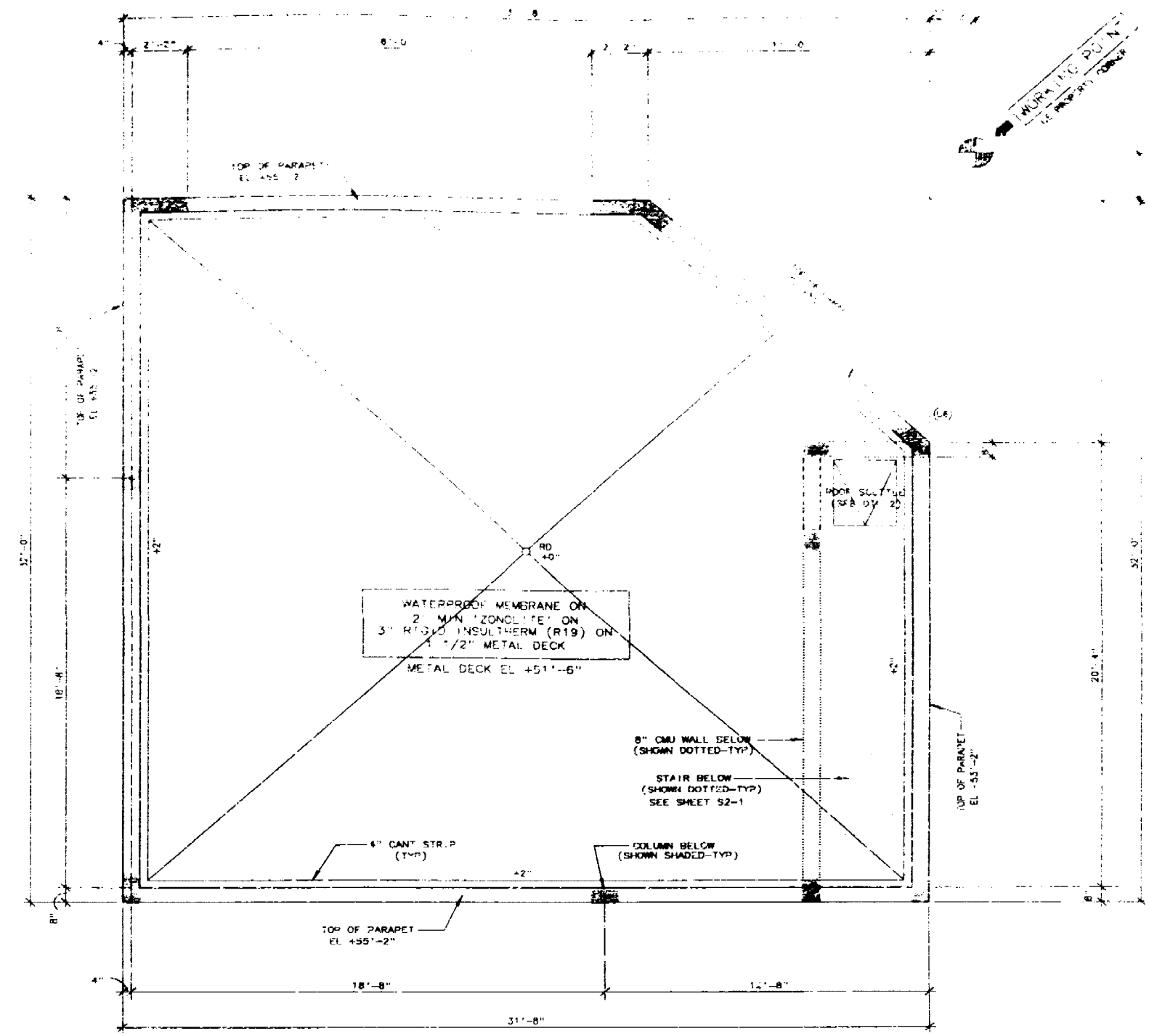
*[Signature]*

**SILVERSQUARE**  
1100 5TH STREET MIAMI BEACH, FLORIDA  
BLDG #1 MAIN ROOF & PH FLOOR PLAN

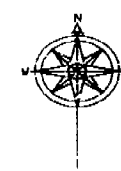
42-2



② 'BILCO' ROOF SCUTTLE TYPE GS  
FOR LIGHT & LADDER ACCESS - 2'-6\"/>



① PENTHOUSE ROOF PLAN  
1/4\"/>



**JOB COPY**  
CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY THE FOLLOWING:

|                  |       |
|------------------|-------|
| BUILDING:        | _____ |
| ZONING:          | _____ |
| PLUMBING:        | _____ |
| ELECTRICAL:      | _____ |
| MECHANICAL:      | _____ |
| FIRE PREVENTION: | _____ |
| ENGINEERING:     | _____ |
| PUBLIC WORKS:    | _____ |
| STRUCTURAL:      | _____ |
| ACCESSIBILITY:   | _____ |

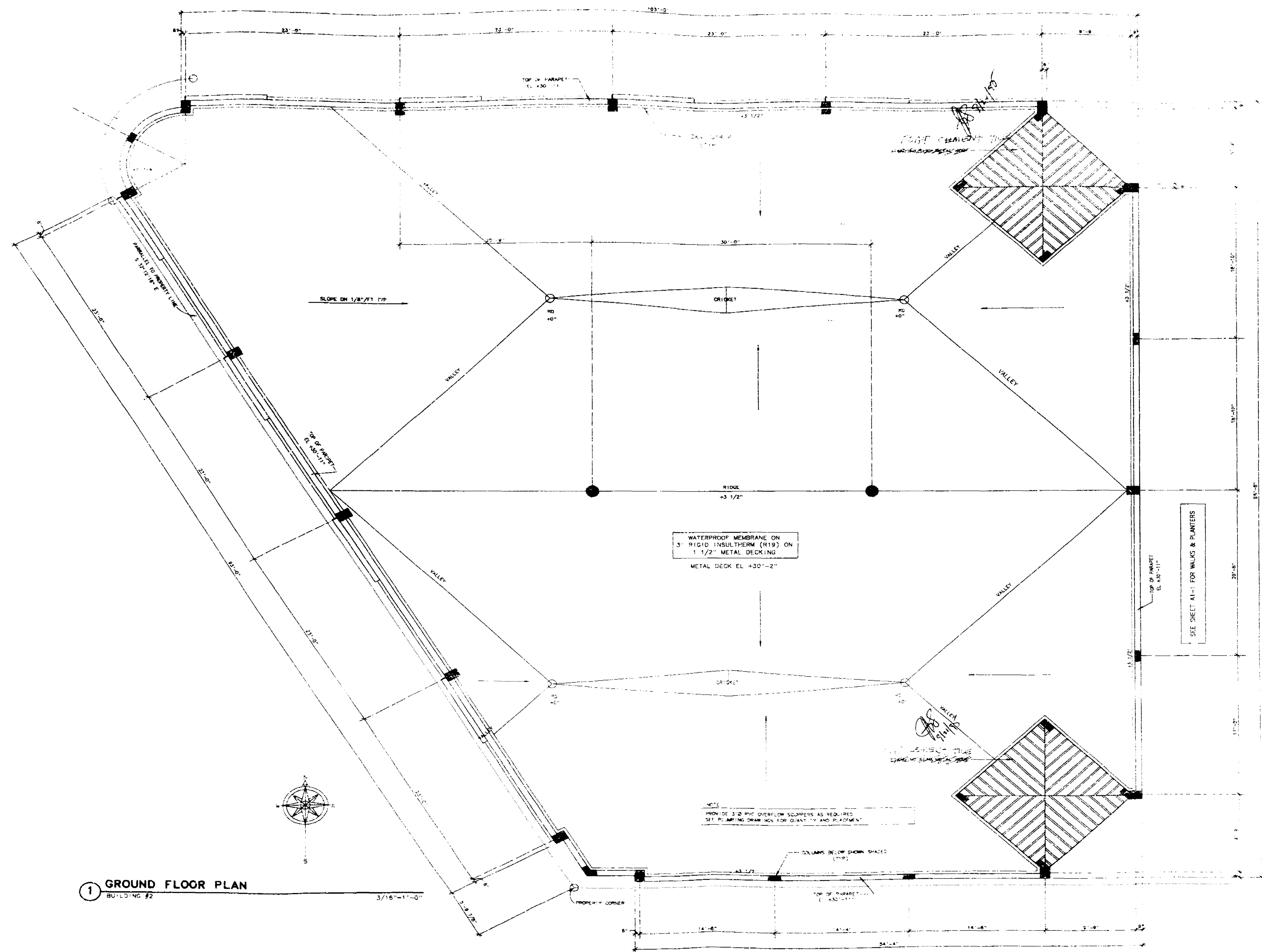
DATE: 28 AUG 83

**JAMES F. SILVERS & ASSOC., P.A.**  
 1130-5TH STREET MIAMI BEACH, FLA.  
 ARCHITECT/DEVELOPER 305/672-0801

**SILVERSQUARE**  
 1100 5th STREET MIAMI BEACH, FLORIDA  
 BLDG #1 PENTHOUSE ROOF PLAN

42-3





**JOB COPY**  
 CITY OF MIAMI BEACH  
 APPROVED FOR PERMIT BY  
 THE FOLLOWING:

|                  |       |
|------------------|-------|
| BUILDING:        | _____ |
| ZONING:          | _____ |
| PLUMBING:        | _____ |
| ELECTRICAL:      | _____ |
| MECHANICAL:      | _____ |
| FIRE PREVENTION: | _____ |
| ENGINEERING:     | _____ |
| PUBLIC WORKS:    | _____ |
| STRUCTURAL:      | _____ |
| ACCESSIBILITY:   | _____ |

**JAMES F. SILVERS & ASSOC., P.A.**  
 1130-5TH STREET MIAMI BEACH, FLA.  
 ARCHITECT/DEVELOPER 305/672-0801

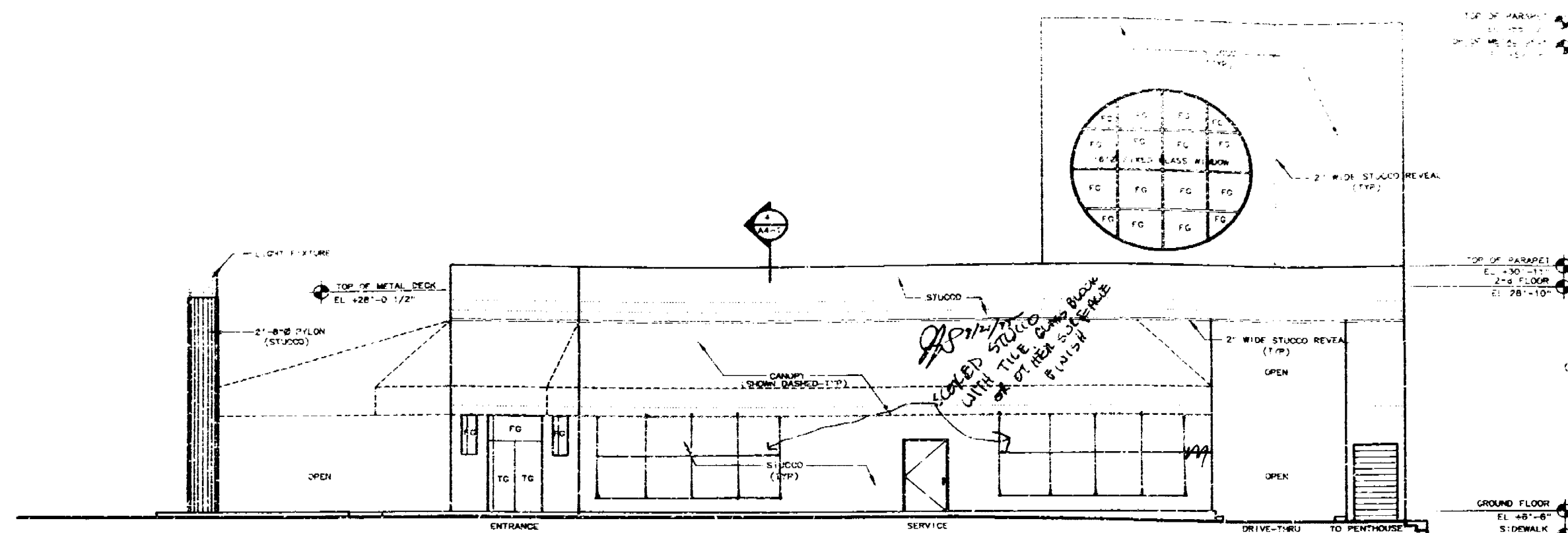
**SILVERSQUARE**  
 1100 5TH STREET MIAMI BEACH, FLORIDA  
**BUILDING #2 ROOF PLAN**

DATE: 29 AUG 85

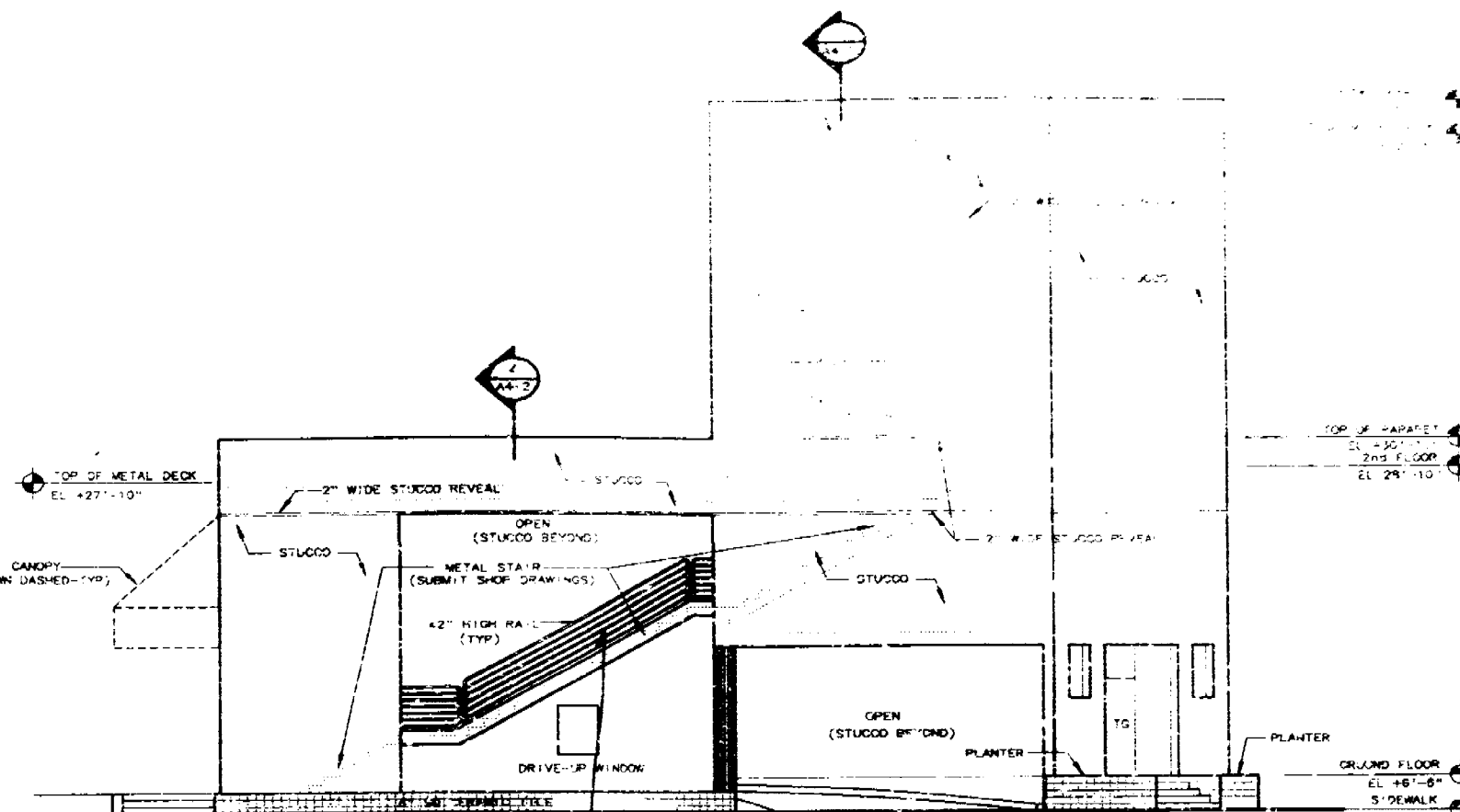
42-5

[Signature]

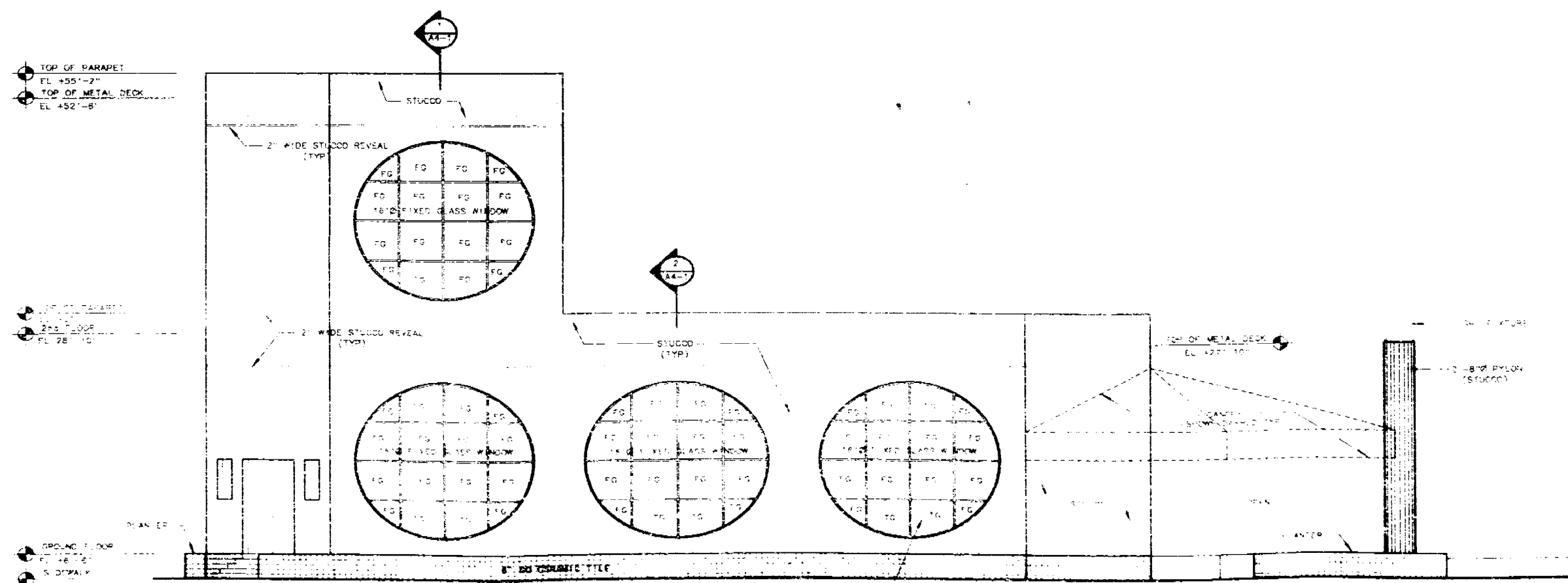
[Stamp]



③ SOUTH ELEVATION  
1/8"=1'-0"

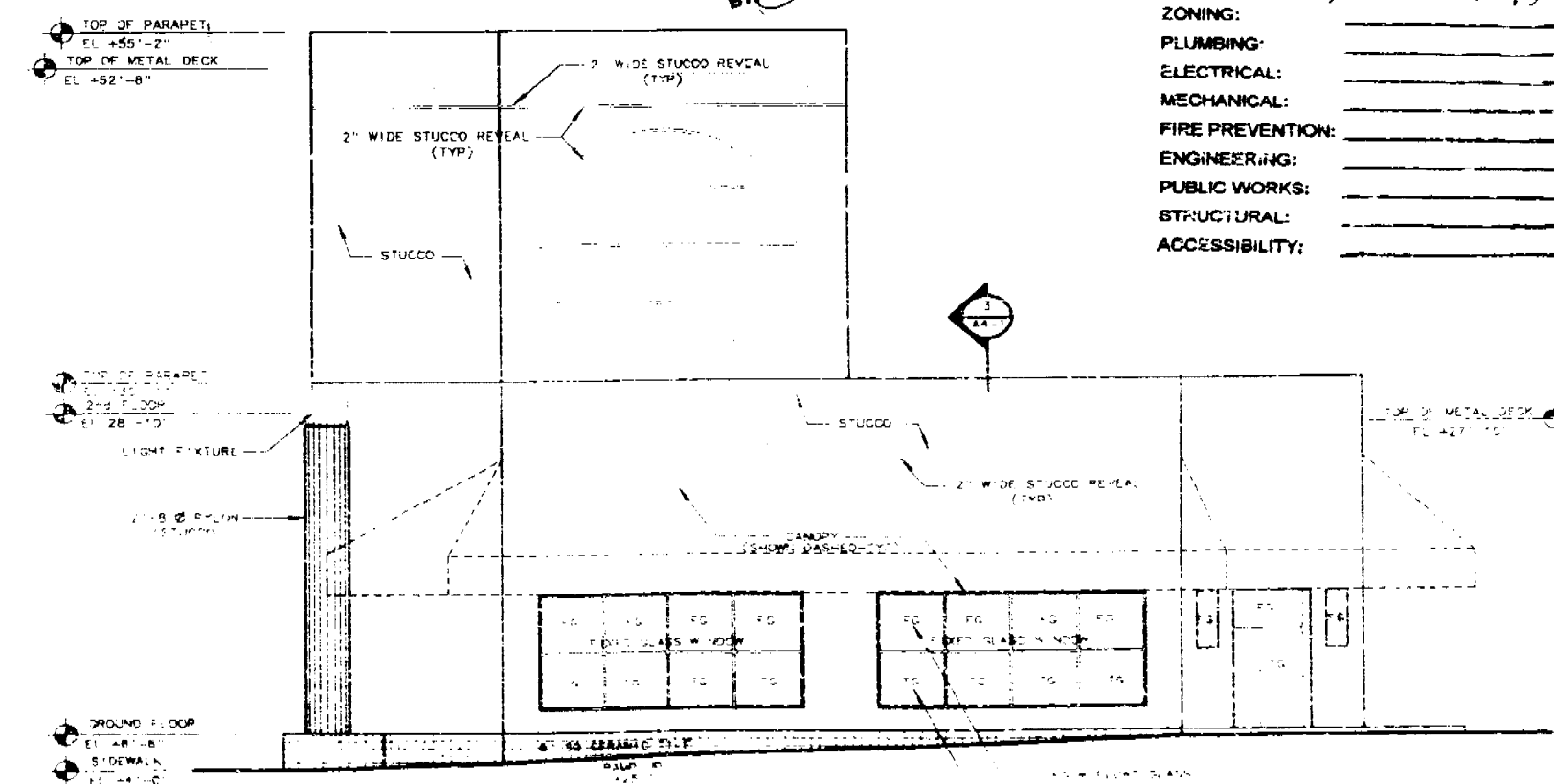


② EAST ELEVATION  
1/8"=1'-0"



④ NORTH ELEVATION  
1/8"=1'-0"

NOTE  
PROVIDE TOP GRADE COORDINATE ELEVATION  
FOR ALL EXTERIOR WALLS, ROOFS, AND  
FLOOR SLABS (SEE DRAWINGS).



① WEST ELEVATION  
1/8"=1'-0"

NOTE  
FLOOD PROOF ALL WALLS BELOW  
EL +9'-0" AS REQUIRED.

DESIGN REVIEW BOARD  
BOARD APPROVAL: *[Signature]*  
DIRECTOR APPROVAL: *[Signature]*  
APPROVED WITH CONDITIONS: *[Signature]*  
NOT APPROVED: *[Signature]*  
DATE: 9-28-95

# **JOB COPY** CITY OF MIAMI BEACH

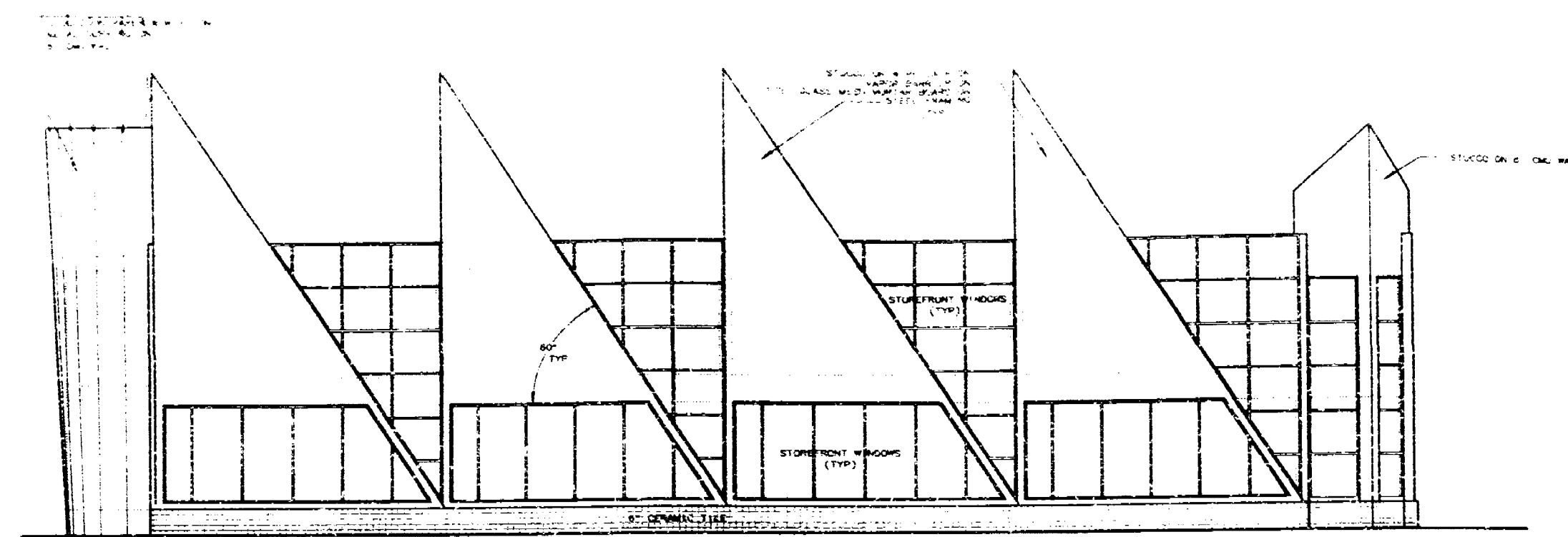
APPROVED FOR PERMIT BY  
THE FOLLOWING:

BUILDING: *[Signature]*  
ZONING: *[Signature]*  
PLUMBING: *[Signature]*  
ELECTRICAL: *[Signature]*  
MECHANICAL: *[Signature]*  
FIRE PREVENTION: *[Signature]*  
ENGINEERING: *[Signature]*  
PUBLIC WORKS: *[Signature]*  
STRUCTURAL: *[Signature]*  
ACCESSIBILITY: *[Signature]*

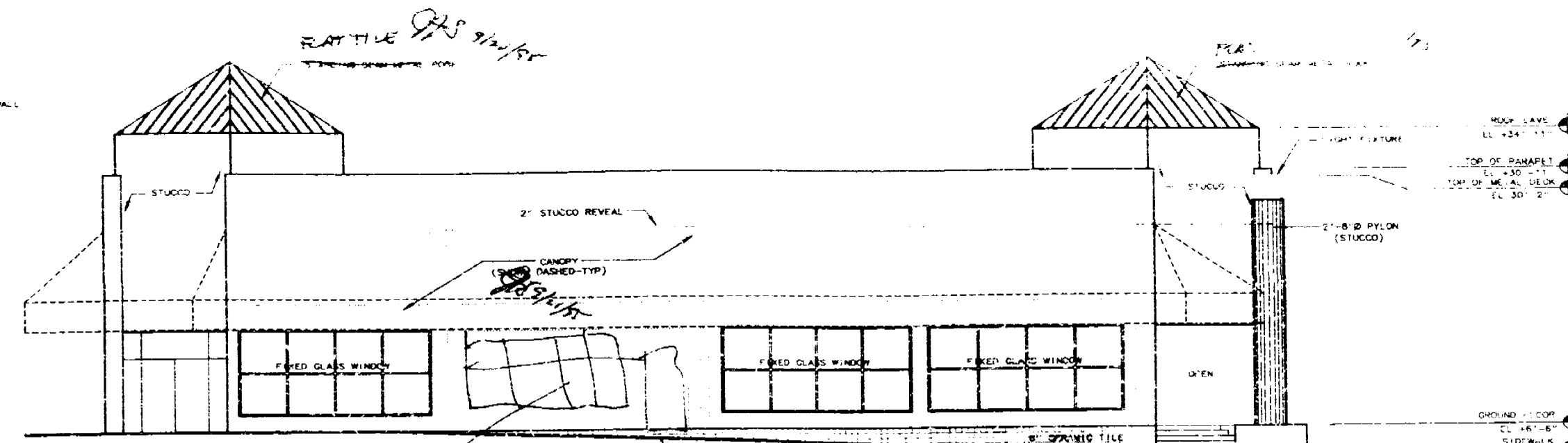
**JAMES F. SILVERS & ASSOC., P.A.**  
1130-5TH STREET MIAMI BEACH, FLA.  
ARCHITECT/DEVELOPER 305/672-0801

**SILVER SQUARE**  
1100 5th STREET MIAMI BEACH, FLORIDA  
BUILDING #1 ELEVATIONS

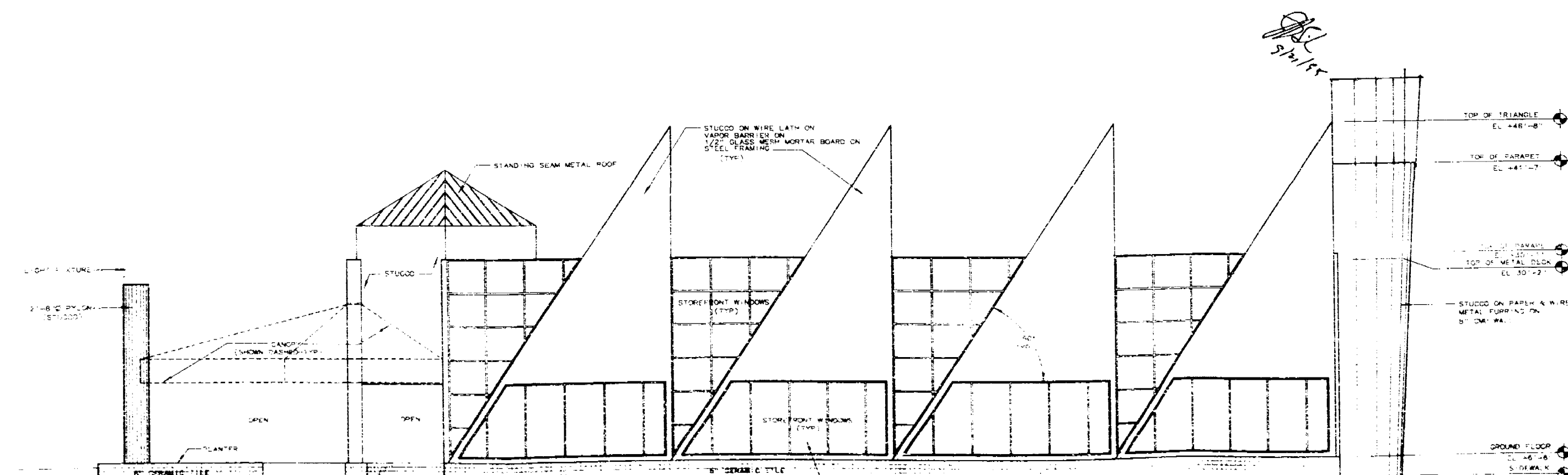
43-1



③ WEST ELEVATION  
1/8"=1'-0"

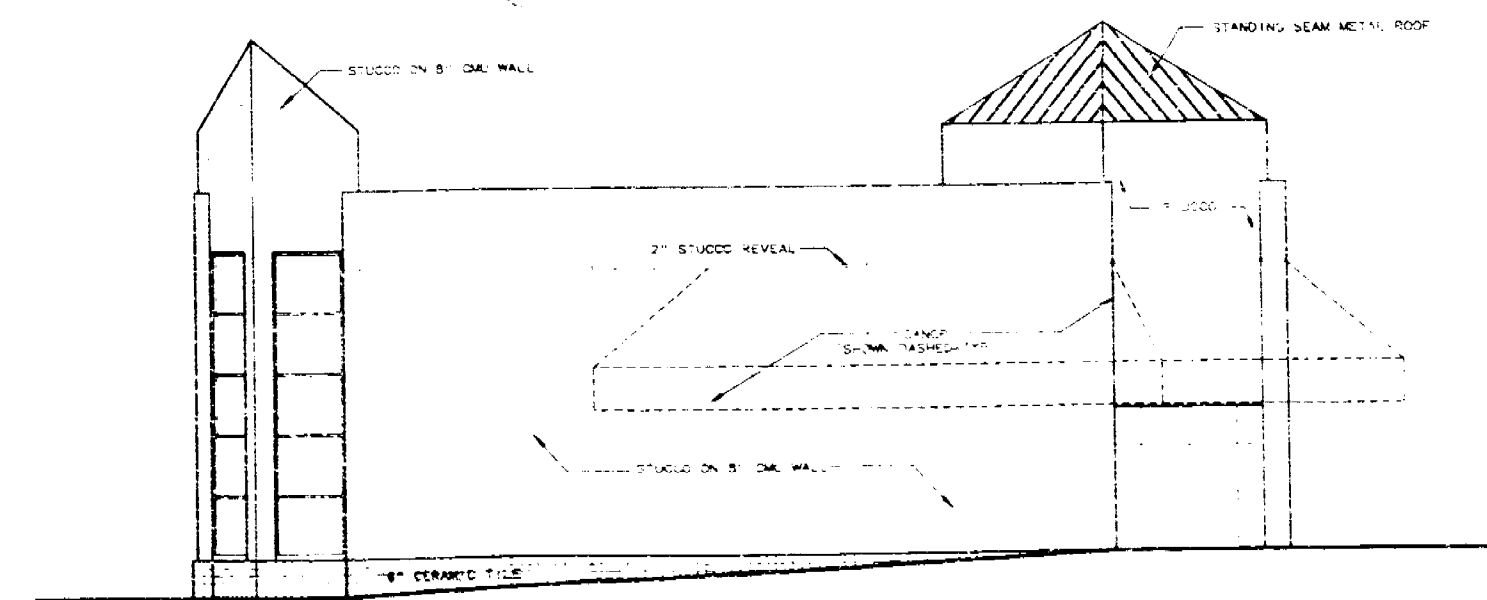


② EAST ELEVATION  
1/8"=1'-0"



④ NORTH ELEVATION  
1/8"=1'-0"

NOTE  
FROM THE EAST ELEVATION, WINDOW  
DIMENSIONS FOR ALL WINDOWS ARE 6'0\"/>



① SOUTH ELEVATION  
1/8"=1'-0"

# **JOB COPY**

CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY  
THE FOLLOWING:

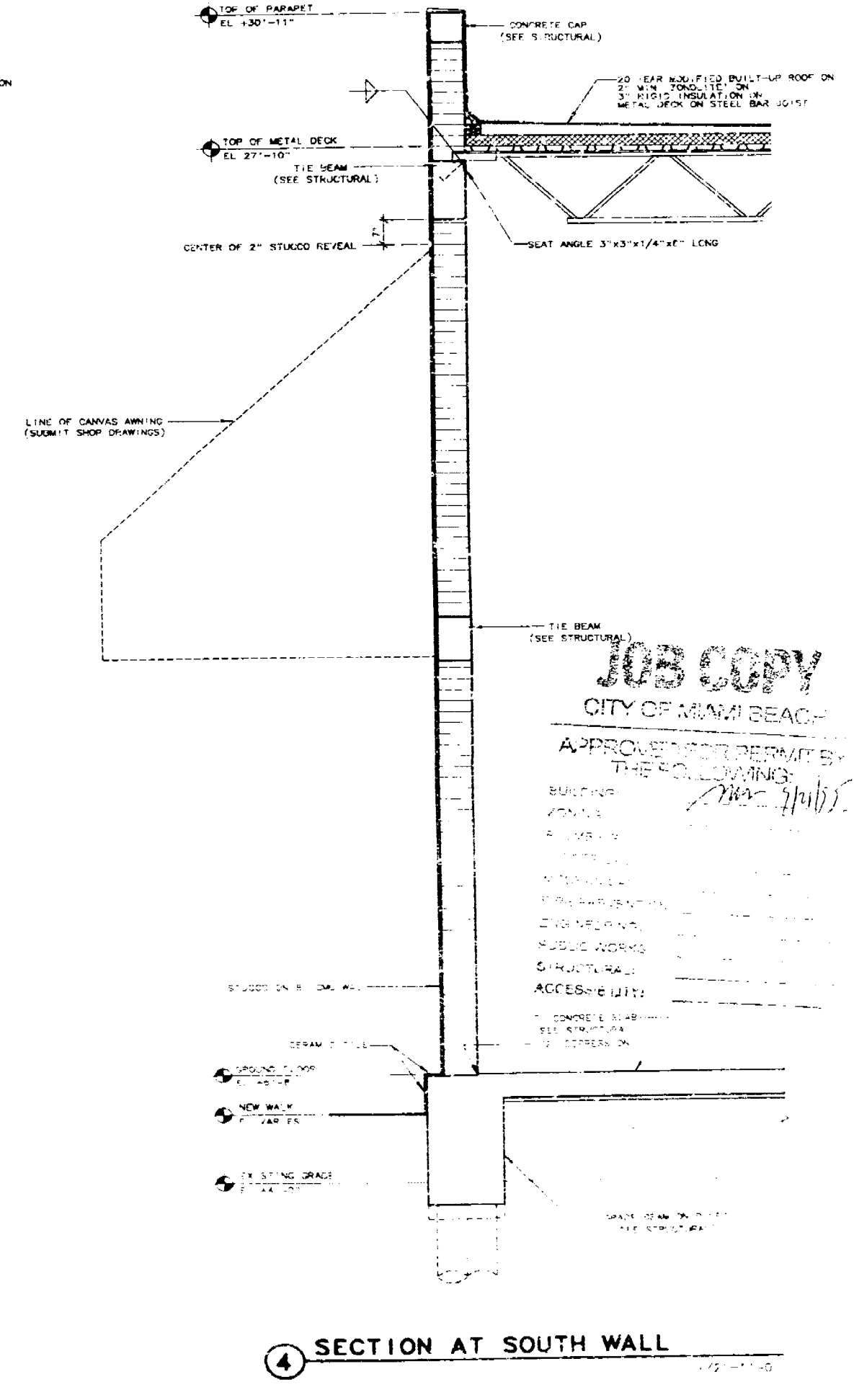
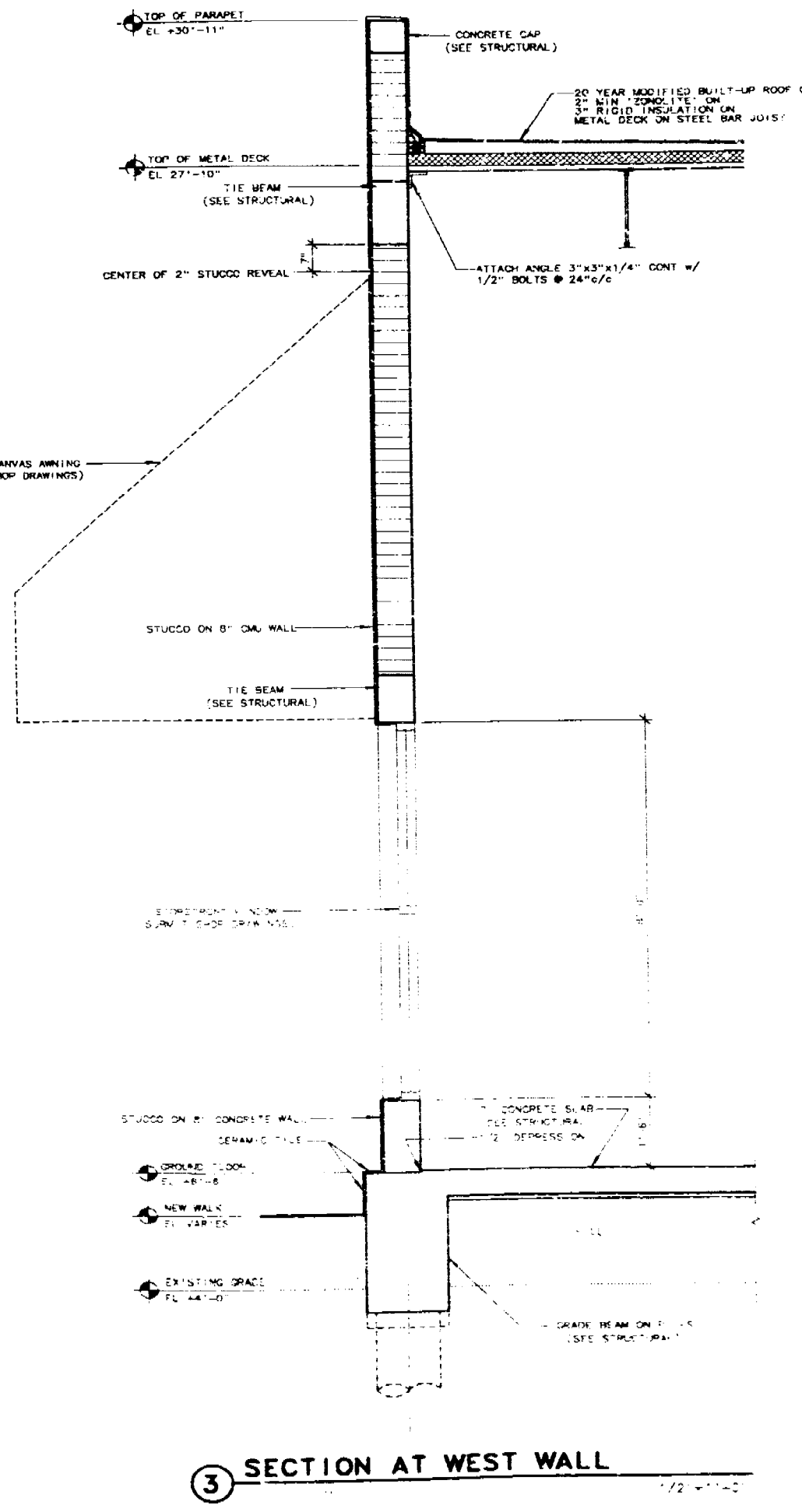
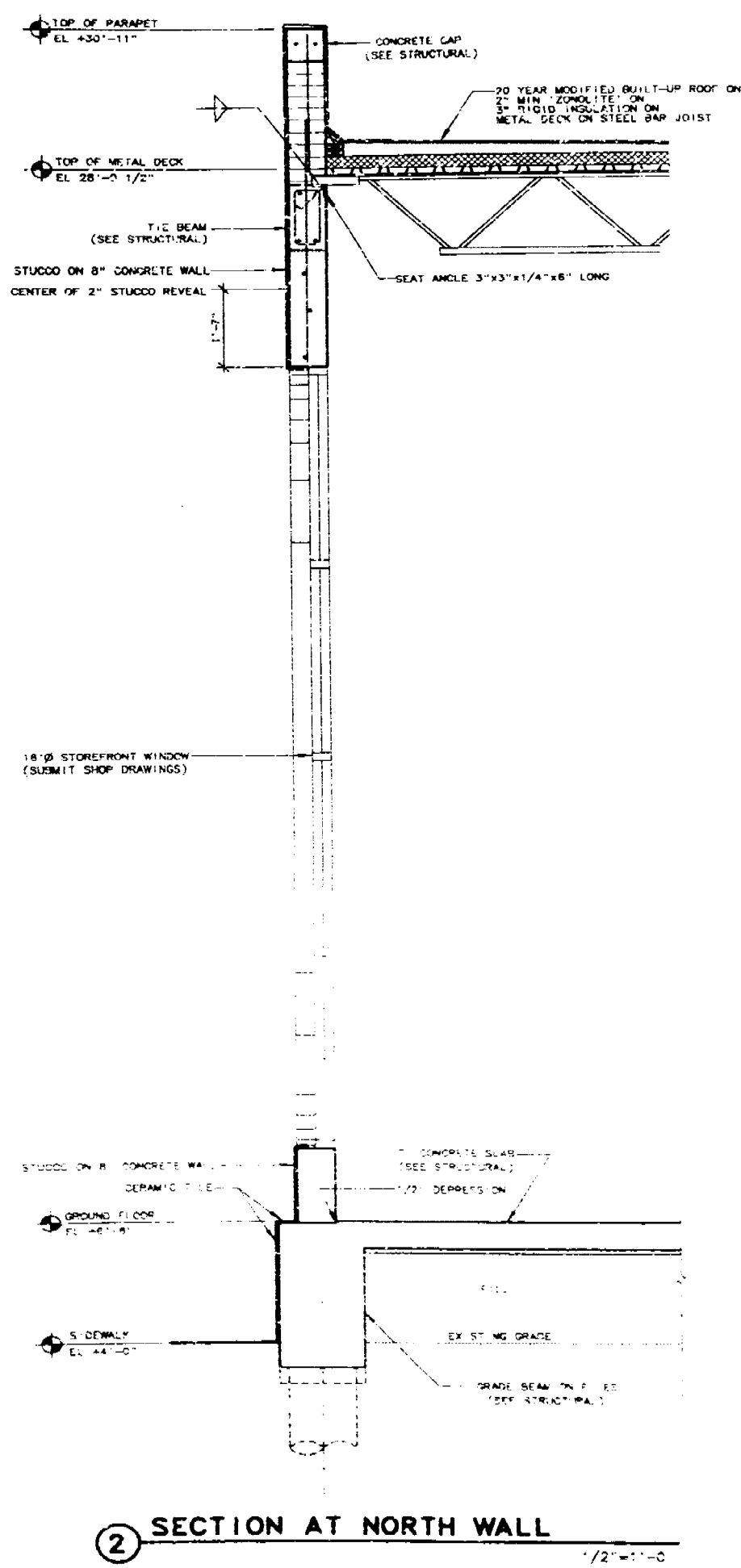
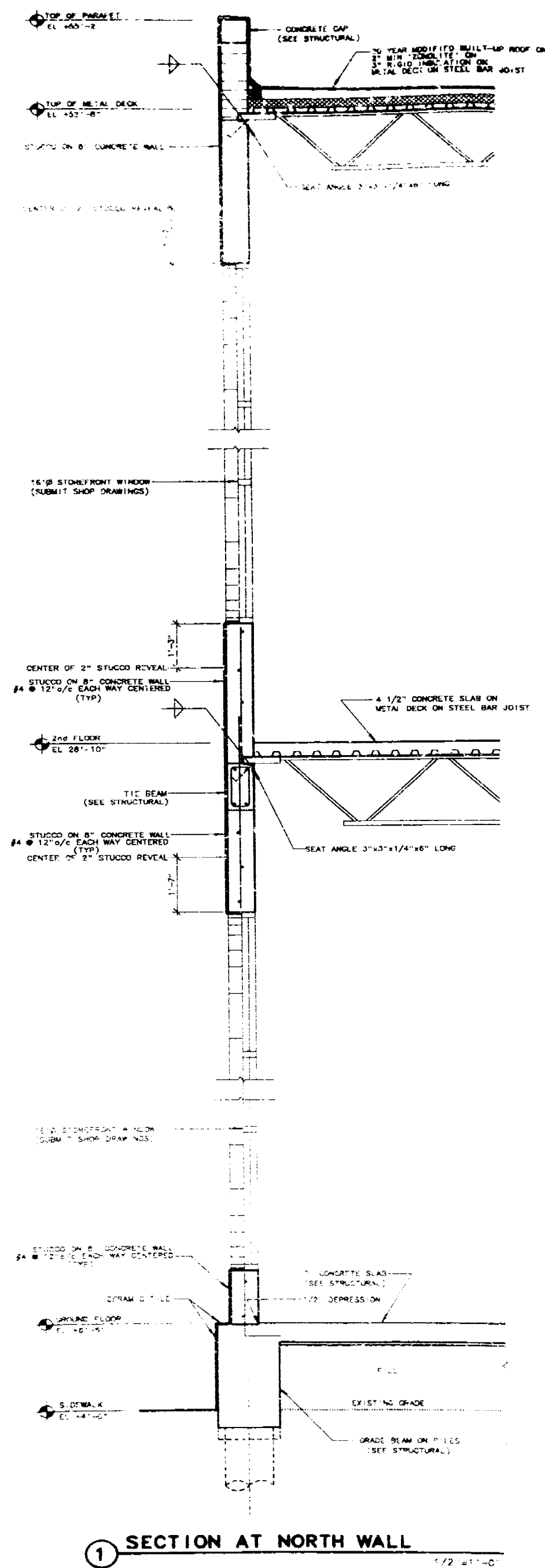
BUILDING: W-94112  
ZONING: \_\_\_\_\_  
PLUMBING: \_\_\_\_\_  
ELECTRICAL: \_\_\_\_\_  
MECHANICAL: \_\_\_\_\_  
FIRE PREVENTION: \_\_\_\_\_  
ENGINEERING: \_\_\_\_\_  
PUBLIC WORKS: \_\_\_\_\_  
STRUCTURAL: \_\_\_\_\_  
ACCESSIBILITY: \_\_\_\_\_

DESIGN REVIEW BOARD  
BOARD APPROVAL: #4608  
DIRECTOR APPROVAL: \_\_\_\_\_  
APPROVED WITH  
CONDITIONS: \_\_\_\_\_  
NOT APPROVED: \_\_\_\_\_  
DATE: 8-1-95

**JAMES F. SILVERS & ASSOC., P.A.**  
1130-5TH STREET MIAMI BEACH, FLA.  
ARCHITECT/DEVELOPER 305/672-0801

**SILVERSQUARE**  
1100 5TH STREET MIAMI BEACH, FLORIDA  
BUILDING #2 ELEVATIONS

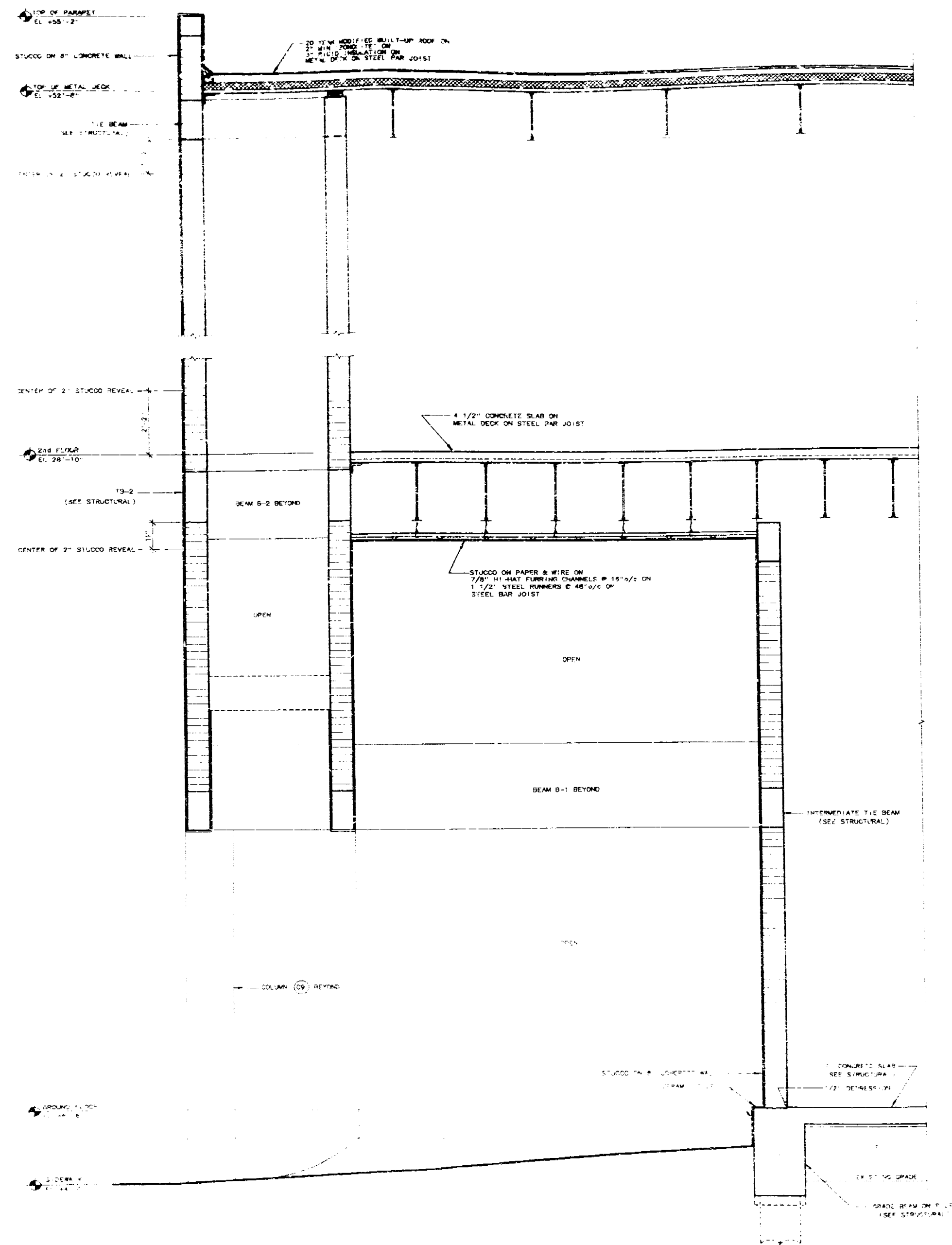
43-2



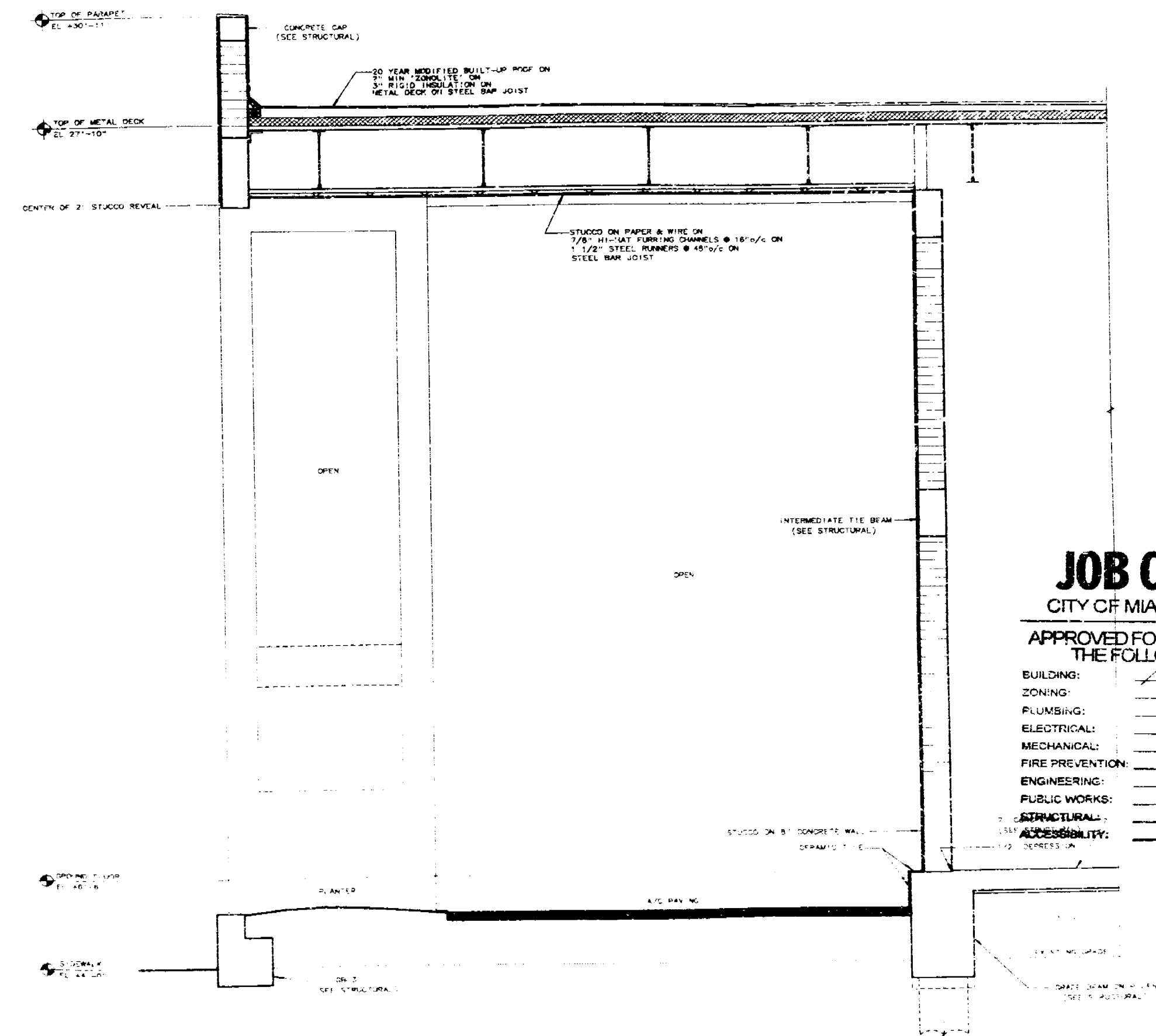
**JAMES F. SILVERS & ASSOC., P.A.**  
1130-5TH STREET MIAMI BEACH, FLA.  
ARCHITECT/DEVELOPER 305/672-0801

**SILVER SQUARE**  
1100 5th STREET MIAMI BEACH, FLORIDA  
BUILDING #1 SECTIONS

44-1



① SECTION AT EAST WALL



② SECTION AT EAST WALL

**JOB COPY**  
CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY  
THE FOLLOWING:

BUILDING: \_\_\_\_\_  
ZONING: \_\_\_\_\_  
PLUMBING: \_\_\_\_\_  
ELECTRICAL: \_\_\_\_\_  
MECHANICAL: \_\_\_\_\_  
FIRE PREVENTION: \_\_\_\_\_  
ENGINEERING: \_\_\_\_\_  
PUBLIC WORKS: \_\_\_\_\_  
STRUCTURAL: \_\_\_\_\_  
ADDITIONALTY: \_\_\_\_\_

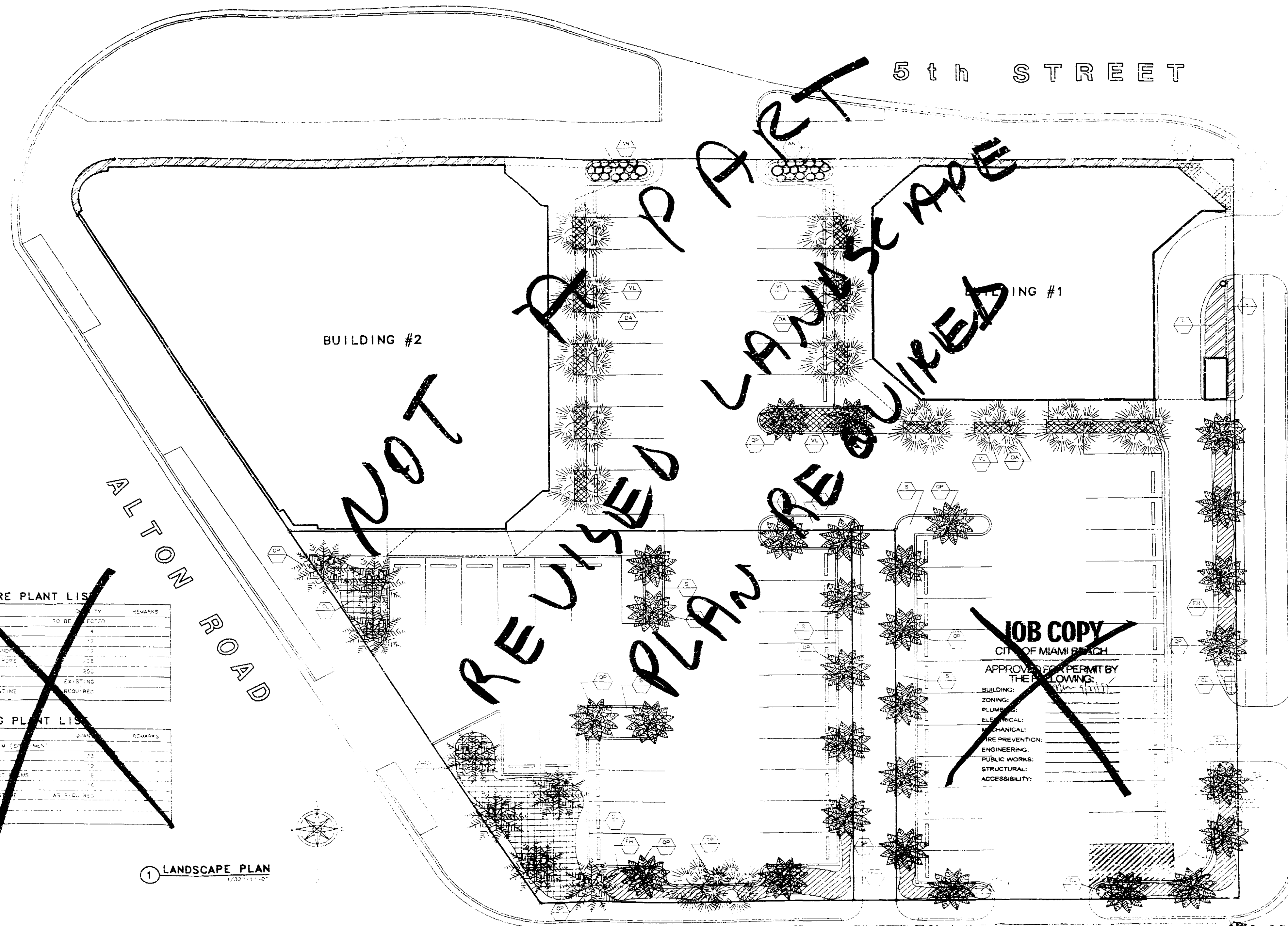
**JAMES F. SILVERS & ASSOC., P.A.**  
1130-5TH STREET MIAMI BEACH, FLA.  
ARCHITECT/DEVELOPER 305/672-0801

**SILVERSQUARE**  
1100 5TH STREET MIAMI BEACH, FLORIDA  
BUILDING #1 SECTIONS

A4-2

~~| SILVER SQUARE PLANT LIST |                   |                |         |
|--------------------------|-------------------|----------------|---------|
| MARK                     | PLANT NAME        | QUANTITY       | REMARKS |
| A                        | ANNULUS           | TO BE SELECTED |         |
| DL                       | DRYNA LILLY       | 4              |         |
| OP                       | QUEEN PALMS       | 12             |         |
| DA                       | DOUBLE ALEXANDER  | 12             |         |
| VL                       | VERMILION VIOLET  | 225            |         |
| L                        | LIRIOD            | 250            |         |
| FH                       | FICUS HEDGE       | EXISTING       |         |
| S                        | SOD-ST. AUGUSTINE | REQUIRED       |         |~~
~~| CMB PARKING PLANT LIST |                      |             |         |
|------------------------|----------------------|-------------|---------|
| MARK                   | PLANT NAME           | QUANTITY    | REMARKS |
| FB                     | FRAXEL PALM (COPPER) | 12          |         |
| DL                     | DRYNA LILLY          | 12          |         |
| OP                     | QUEEN PALMS          | 12          |         |
| DA                     | DOUBLE ALEXANDER     | 12          |         |
| FH                     | FICUS HEDGE          | EXISTING    |         |
| S                      | SOD-ST. AUGUSTINE    | AS REQUIRED |         |~~

1 LANDSCAPE PLAN  
1/32"=1'-0"

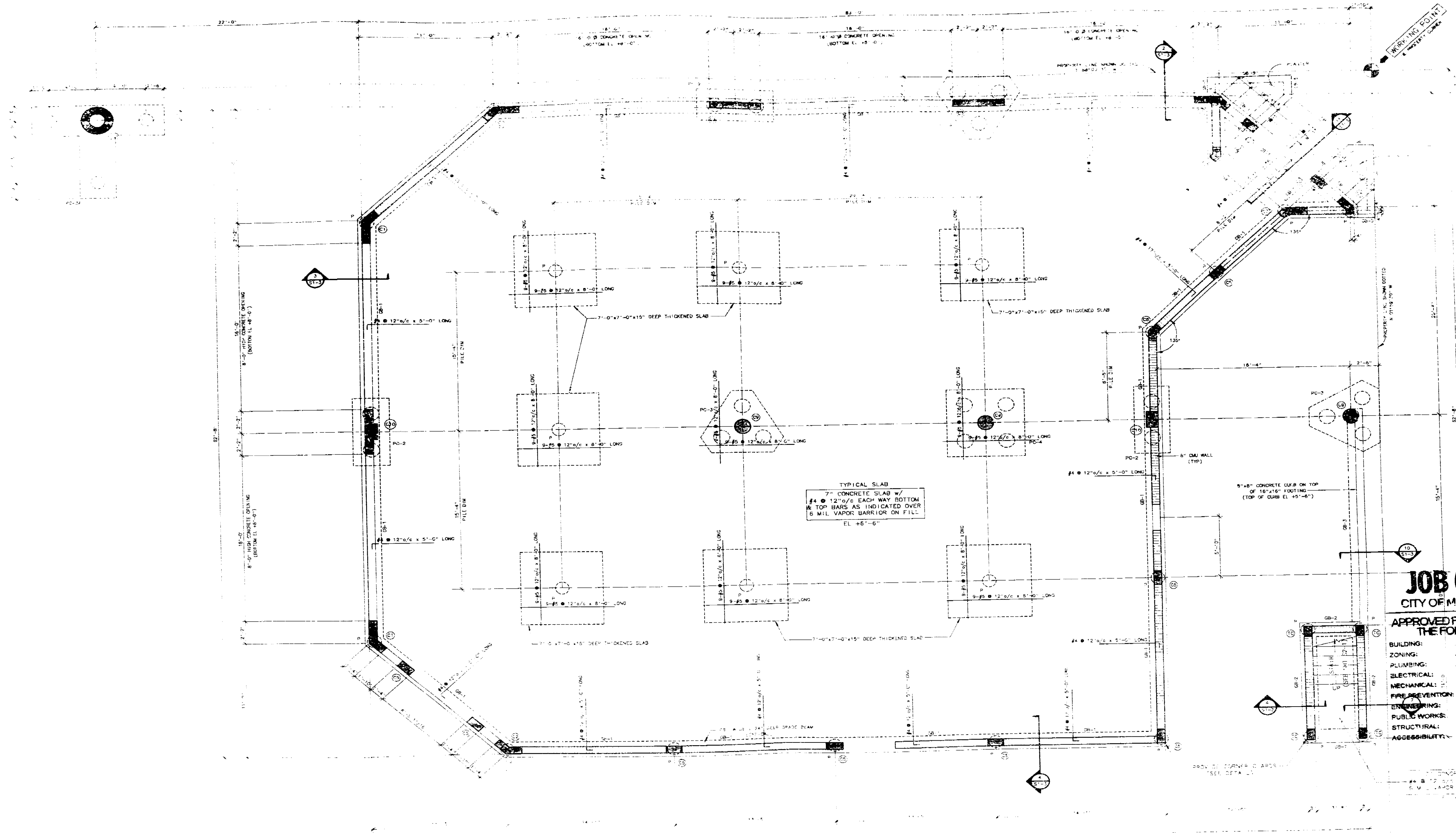


~~JOB COPY  
 CITY OF MIAMI BEACH  
 APPROVED FOR PERMIT BY  
 THE FOLLOWING:  
 BUILDING:  
 ZONING:  
 PLUMBING:  
 ELECTRICAL:  
 MECHANICAL:  
 FIRE PREVENTION:  
 ENGINEERING:  
 PUBLIC WORKS:  
 STRUCTURAL:  
 ACCESSIBILITY:~~

LENOX AVENUE

**SILVER SQUARE**  
1100 5th STREET MIAMI BEACH, FLORIDA  
LANDSCAPE PLAN

**JAMES F. SILVERS & ASSOC., P.A.**  
1130-5TH STREET MIAMI BEACH, FLA.  
ARCHITECT/DEVELOPER 305/672-0801



1 FOUNDATION & GROUND FLOOR FRAMING PLAN  
BUILDING #1  
1/4"=1'-0"

**JOB COPY**  
CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY THE FOLLOWING:

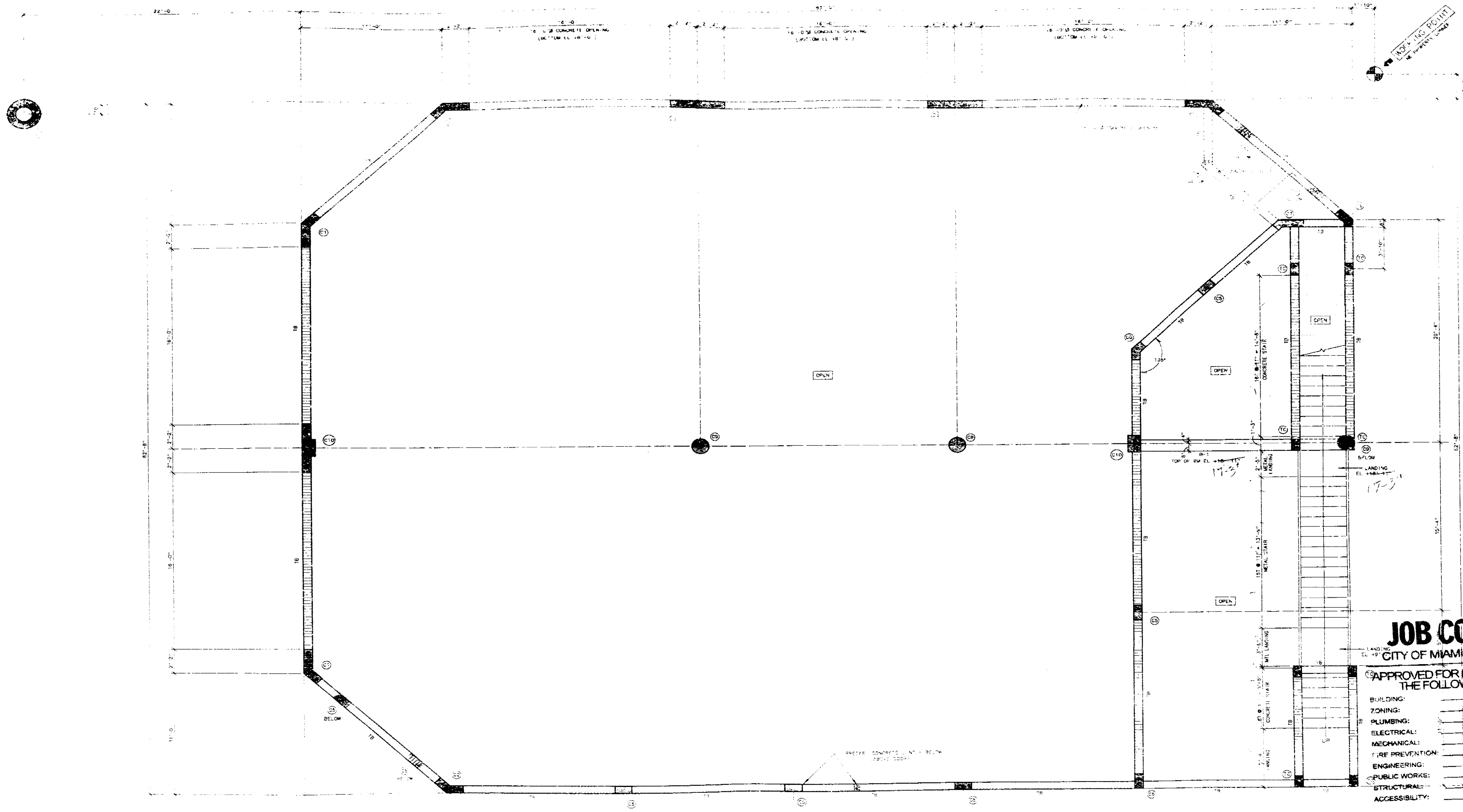
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|------------------|--|
| BUILDING:        |  |
| ZONING:          |  |
| PLUMBING:        |  |
| ELECTRICAL:      |  |
| MECHANICAL:      |  |
| FIRE PREVENTION: |  |
| ENGINEERING:     |  |
| PUBLIC WORKS:    |  |
| STRUCTURAL:      |  |
| ACCESSIBILITY:   |  |

CLEMENT  
DIFILLIPPO  
AIA, PE

**JAMES F. SILVERS & ASSOC., P.A.**  
1130-5TH STREET MIAMI BEACH, FLA.  
ARCHITECT/DEVELOPER 305/672-0801

**SILVER SQUARE**  
1100 5th STREET MIAMI BEACH, FLORIDA  
BUILDING #1 FOUNDATION

SI-1



① FRAMING PLAN ABOVE INTERMEDIATE TIE BEAM

**JOB COPY**

CITY OF MIAMI BEACH  
 APPROVED FOR PERMIT BY  
 THE FOLLOWING:

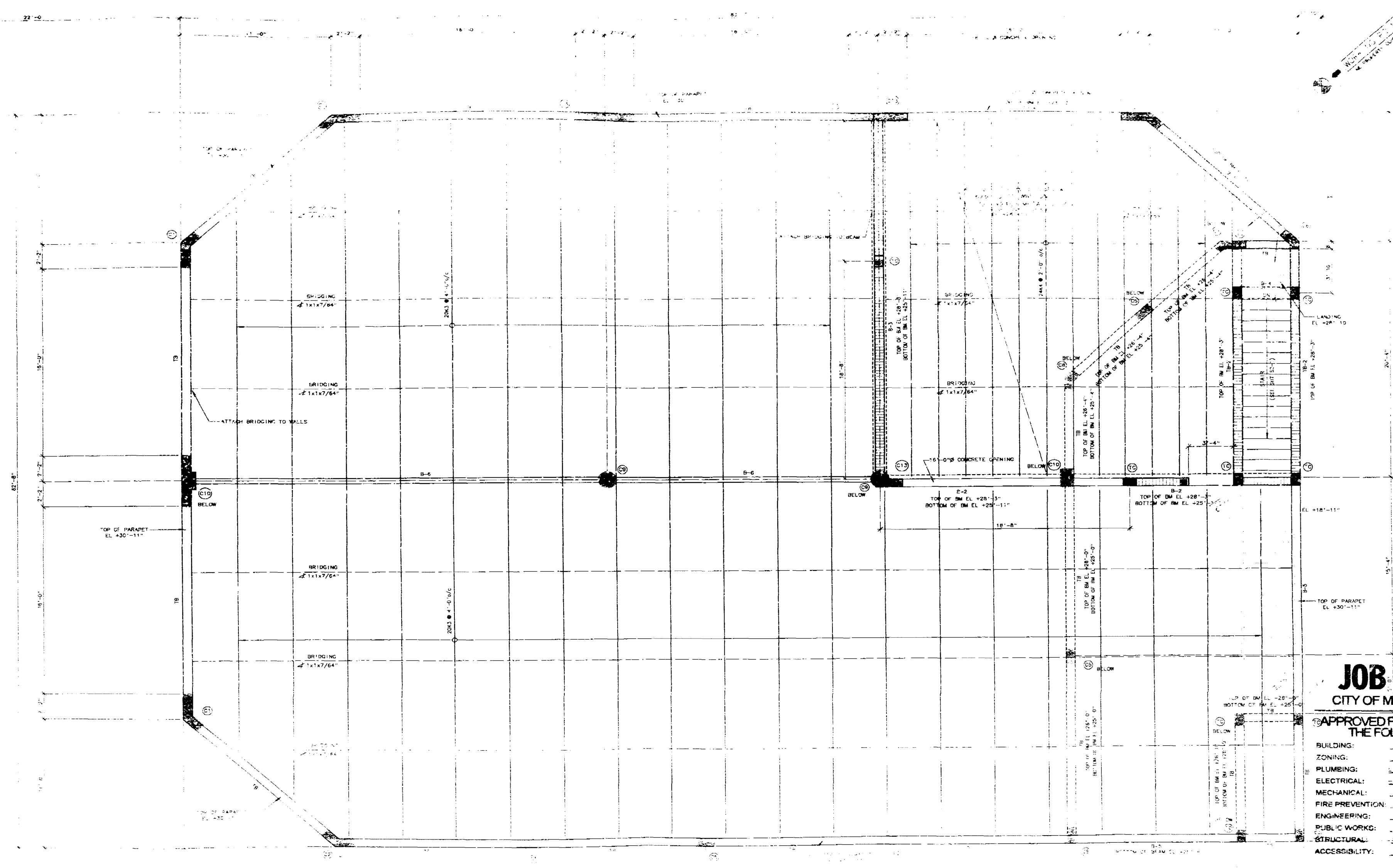
|                  |  |
|------------------|--|
| BUILDING:        |  |
| ZONING:          |  |
| PLUMBING:        |  |
| ELECTRICAL:      |  |
| MECHANICAL:      |  |
| FIRE PREVENTION: |  |
| ENGINEERING:     |  |
| PUBLIC WORKS:    |  |
| STRUCTURAL:      |  |
| ACCESSIBILITY:   |  |

CLEMENT  
 DiFILLIPPO  
 AIA, PE

**JAMES F. SILVERS & ASSOC., P.A.**  
 1130-5TH STREET MIAMI BEACH, FLA.  
 ARCHITECT/DEVELOPER 305/672-0801

**SILVERSQUARE**  
 1100 5th STREET MIAMI BEACH, FLORIDA  
 BUILDING #1 FRAMING PLAN

S2-1



① MAIN ROOF & PENTHOUSE FRAMING PLAN

**JOB COPY**  
CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY THE FOLLOWING:

|                  |  |
|------------------|--|
| BUILDING:        |  |
| ZONING:          |  |
| PLUMBING:        |  |
| ELECTRICAL:      |  |
| MECHANICAL:      |  |
| FIRE PREVENTION: |  |
| ENGINEERING:     |  |
| PUBLIC WORKS:    |  |
| STRUCTURAL:      |  |
| ACCESSIBILITY:   |  |

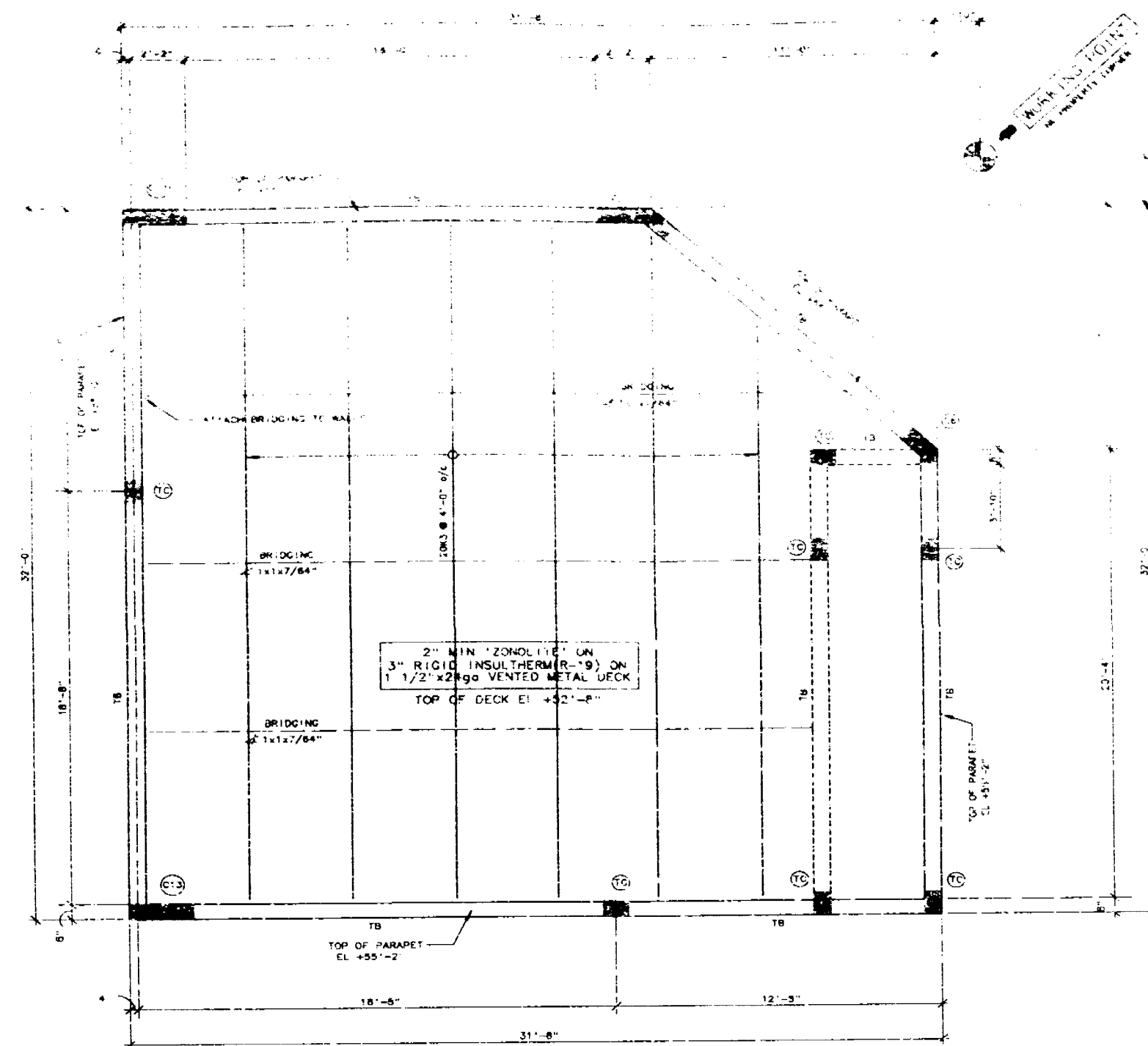
CLEMENT  
DIFILLIPPO  
AIA, PE

DATE: 28 JUL 85

**JAMES F. SILVERS & ASSOC., P.A.**  
1130-5TH STREET MIAMI BEACH, FLA.  
ARCHITECT/DEVELOPER 305/672-0801

**SILVERSQUARE**  
1100 5th STREET MIAMI BEACH, FLORIDA  
BLDG #1 MAIN ROOF & PH FRAMING PLAN

S2-2



1 PENTHOUSE ROOF FRAMING PLAN  
1/4"=1'-0"



NOTE  
BOTTOM OF ALL BEAMS SHOWN ON THIS PLAN  
ARE AT EL. +51'-4" UNLESS NOTED OTHERWISE

**JOB COPY**

CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY  
THE FOLLOWING:

- BUILDING: \_\_\_\_\_
- ZONING: \_\_\_\_\_
- PLUMBING: \_\_\_\_\_
- ELECTRICAL: \_\_\_\_\_
- MECHANICAL: \_\_\_\_\_
- FIRE PREVENTION: \_\_\_\_\_
- ENGINEERING: \_\_\_\_\_
- PUBLIC WORKS: \_\_\_\_\_
- STRUCTURAL: \_\_\_\_\_
- ACCESSIBILITY: \_\_\_\_\_



CLEMENT  
DIFILLIPPO  
AIA, PE

1100 S.W. 15TH AVE., SUITE 100  
MIAMI BEACH, FL 33134  
305.437.4312

**SILVER SQUARE**

1100 5TH STREET MIAMI BEACH, FLORIDA

BLDG #1 PENTHOUSE ROOF FRAMING PLAN

**JAMES F. SILVERS & ASSOC., P.A.**

1130-5TH STREET MIAMI BEACH, FLA.

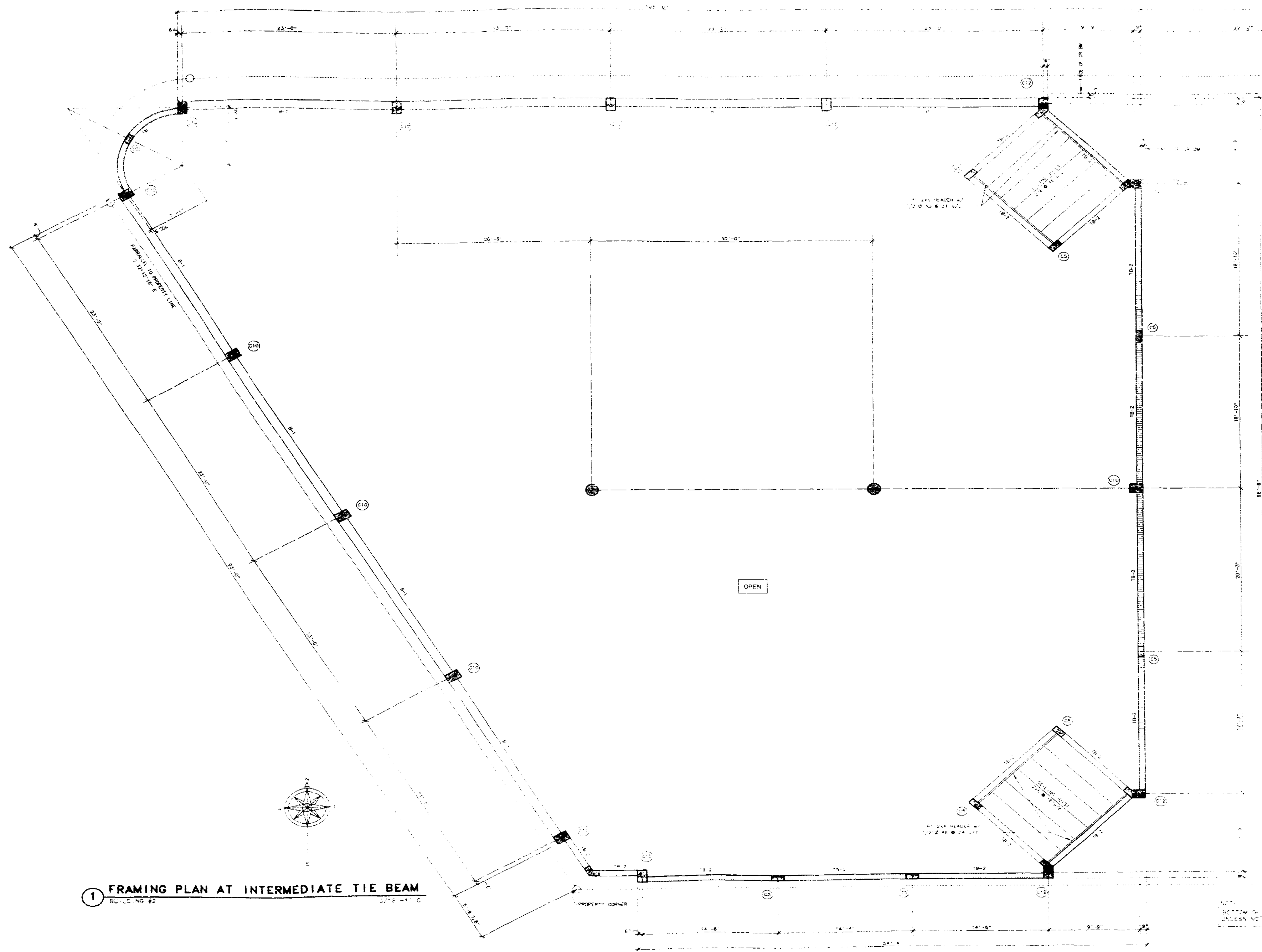
ARCHITECT/DEVELOPER 305/672-0801

DATE: 29 AUG 95

S2-3







**JOB COPY**  
CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY  
THE FOLLOWING:

|                  |       |
|------------------|-------|
| BUILDING:        | _____ |
| ZONING:          | _____ |
| PLUMBING:        | _____ |
| ELECTRICAL:      | _____ |
| Mechanical:      | _____ |
| FIRE PREVENTION: | _____ |
| ENGINEERING:     | _____ |
| PUBLIC WORKS:    | _____ |
| STRUCTURAL:      | _____ |
| ACCESSIBILITY:   | _____ |

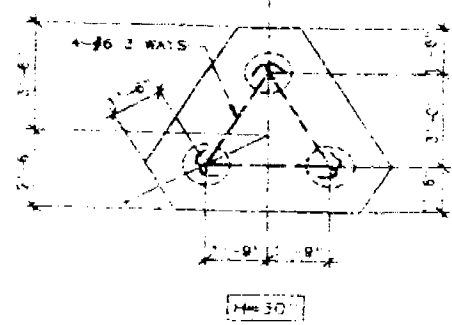
  
CLEMENT  
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AIA, PE  
1100 5th Street, Miami Beach, Florida 33139  
(305) 677-4312

DATE: 28 AUG 85

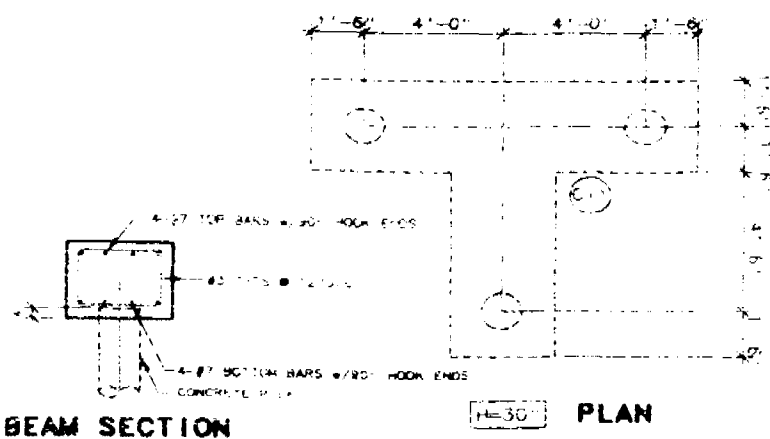
**JAMES F. SILVERS & ASSOC., P.A.**  
1130-5TH STREET MIAMI BEACH, FLA.  
ARCHITECT/DEVELOPER 305/672-0801

**SILVER SQUARE**  
1100 5th STREET MIAMI BEACH, FLORIDA  
BUILDING #2 FRAMING PLAN

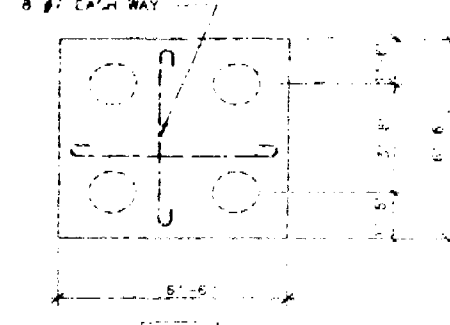
S2-4



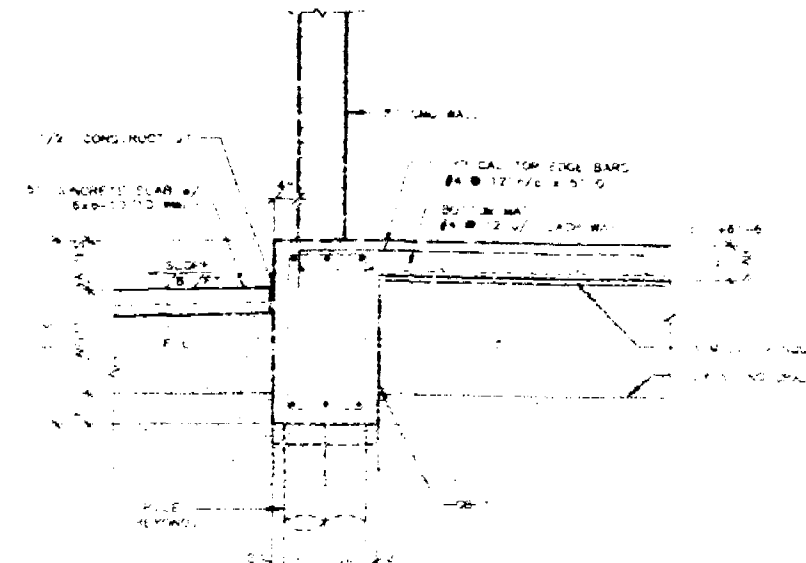
(13) TYPICAL DETAIL AT PC-3



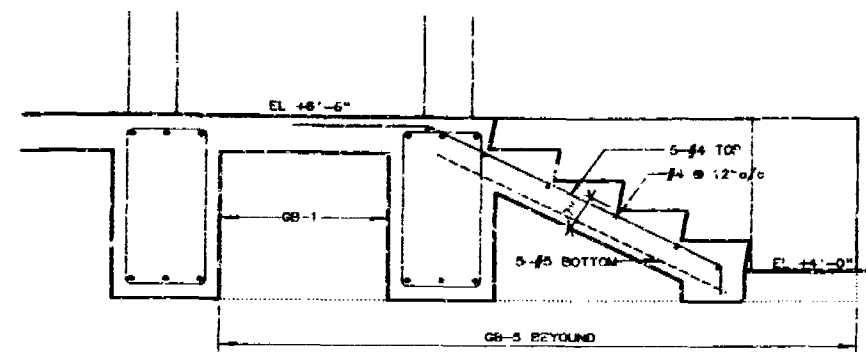
BEAM SECTION PLAN



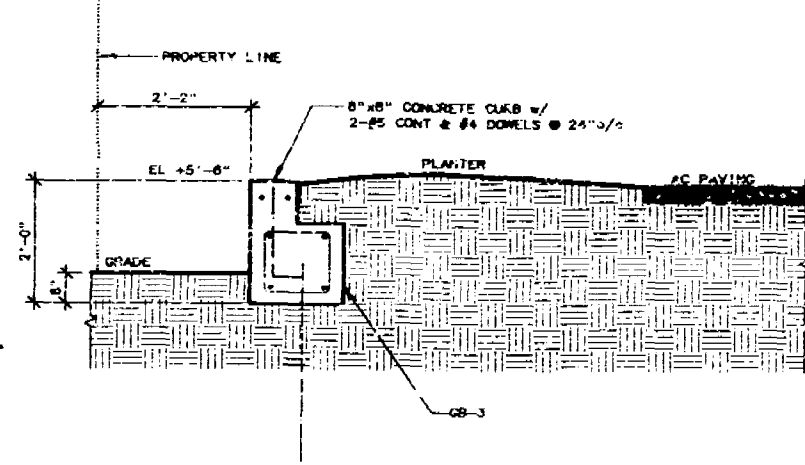
⑤ TYPICAL DETAIL AT PC-4



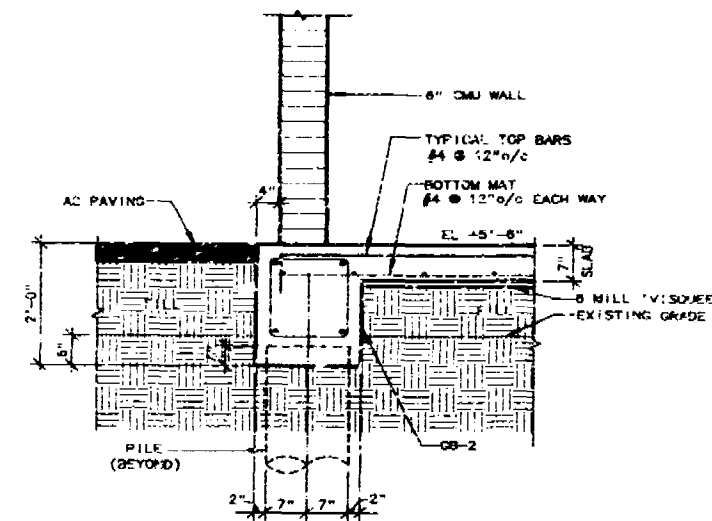
1 TYPICAL DETAIL AT GRADE BEAM GB-1  
AT SLOPING WALKS SOUTH CML WALLS 1/2"=1'-0"



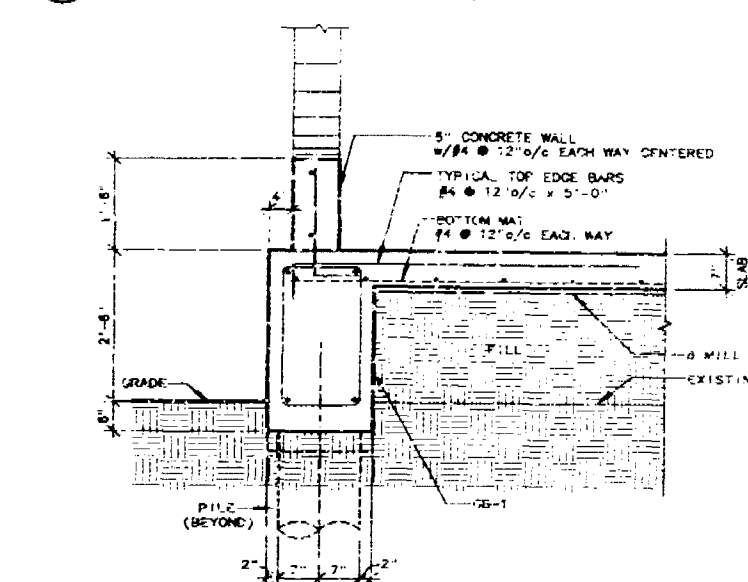
**14 DETAIL AT STEPS & PLANTER**  
BUILDINGS #1: NORTHEAST CORNER



**10 TYPICAL DETAIL AT GRADE BEAM GB-3**  
BUILDINGS #1 NORTH OF STAIR 1/2"=1'-0"



6 TYPICAL DETAIL AT GRADE BEAM GB-2  
BUILDINGS #1 AT STAIR



② TYPICAL DETAIL AT GRADE BEAM GB-1

## GENERAL

5. STEEL:
- A. All structural steel shall conform to ASTM A36, except tube sections which shall conform to ASTM A500, Grade C. Painted steel.
  - B. Structural steel shall be detailed, fabricated and erected in accordance with the provisions of the American Institute of Steel Construction and AISI Code of Standard Practice.
  - C. All steel shall be welded in accordance with AWS D1.1 Welding Code, AWS/AISC D1.1-B6.
  - D. All field welds shall be cleaned, inspected and painted in accordance with the provisions of the American Institute of Steel Construction and AISI Code of Standard Practice.
  - E. All field welds shall be certified in accordance with the AWS standards.
  - F. All welds shall be 1/8" thick.
  - G. All welds shall be 1/8" thick.
  - H. All welds shall be 1/8" thick.
  - I. All welds shall be 1/8" thick.
  - J. All welds shall be 1/8" thick.
  - K. All welds shall be 1/8" thick.
  - L. All welds shall be 1/8" thick.
  - M. All welds shall be 1/8" thick.
  - N. All welds shall be 1/8" thick.
  - O. All welds shall be 1/8" thick.
  - P. All welds shall be 1/8" thick.
  - Q. All welds shall be 1/8" thick.
  - R. All welds shall be 1/8" thick.
  - S. All welds shall be 1/8" thick.
  - T. All welds shall be 1/8" thick.
  - U. All welds shall be 1/8" thick.
  - V. All welds shall be 1/8" thick.
  - W. All welds shall be 1/8" thick.
  - X. All welds shall be 1/8" thick.
  - Y. All welds shall be 1/8" thick.
  - Z. All welds shall be 1/8" thick.

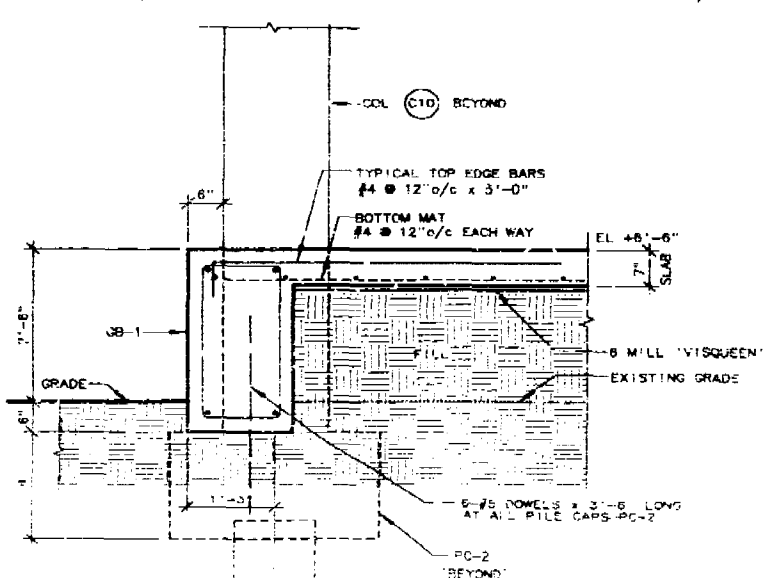
5. MASONRY:
- A. All masonry block units shall conform to ASTM C90 standards with block classification (N=1) for 8" C.M.U.
- B. Mortar strength types are as follows:
- |             |          |
|-------------|----------|
| TYPE M..... | 2500 psi |
| S.....      | 1800 psi |
| N.....      | 750 psi  |
| O.....      | 750 psi  |
- C. Wall Types (masonry):
- |                                     |                       |
|-------------------------------------|-----------------------|
| Below Grade Foundation Walls        | Mortar Type (Minimum) |
| Retaining walls                     | bedded joints         |
| Interior and exterior bearing walls | bedded joints         |

- Parquet walls shall be installed with the following conditions:
- D. Wall re-inforcing: (Wall openings shall not exceed 200 sq ft)  
Horizontal joints ..... 1/4" galv wire @ 36" o.c.  
Vertical joints ..... 1/4" galv wire @ 36" o.c.
  - E. Doweled Anchors ..... galv. 1/2" @ 16" o.c. to match Sur-G-Wall  
(at concrete columns & walls)
  - F. Grouting ..... 1" gap of mortar to unders of concrete  
(pack tightly)
- E. Lintels shall be placed over all wall openings, no. exceeding 12" in height and 12" in width.

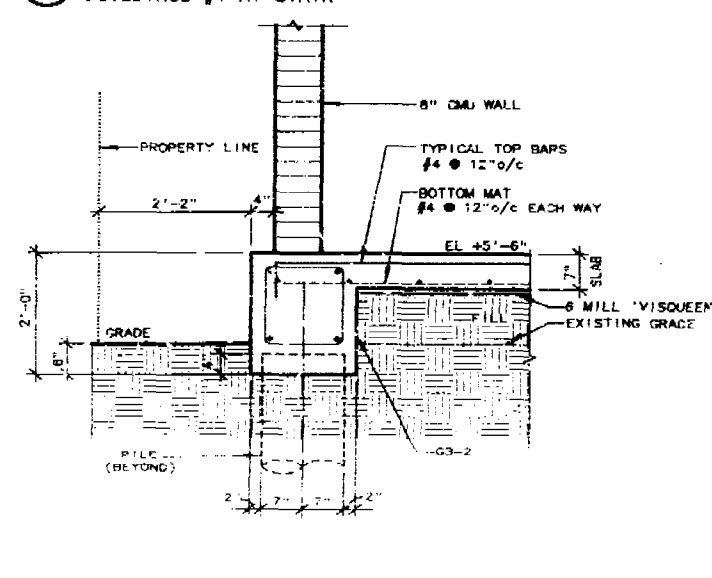
- 2-#4 bottom reinforcement. Lateral spacing greater than six feet must be approved by the Engineer.
- 3- Joints shall bear off at each end with the end tie limited to a precast length of 12" and the end reinforcement shall be 1" diameter, 60 percent of end strain, also be tied and a vertical bar installed.
- 4- All dimensions on structural drawings shall be checked against actual conditions.
- 5- Engineering approval shall be secured for all substitutions.

4. Verify all openings through floors, roofs and walls with reference to any electrical contractors.
5. During erection of the building, the contractor shall be responsible for temporary bracing to withstand all loads in which the structure may be subjected, including wind loads, in which the structure is erected and movement, such bracing shall be placed as the contractor may be required to place and shall be designed, framed and braced in accordance with the design and specifications completed.

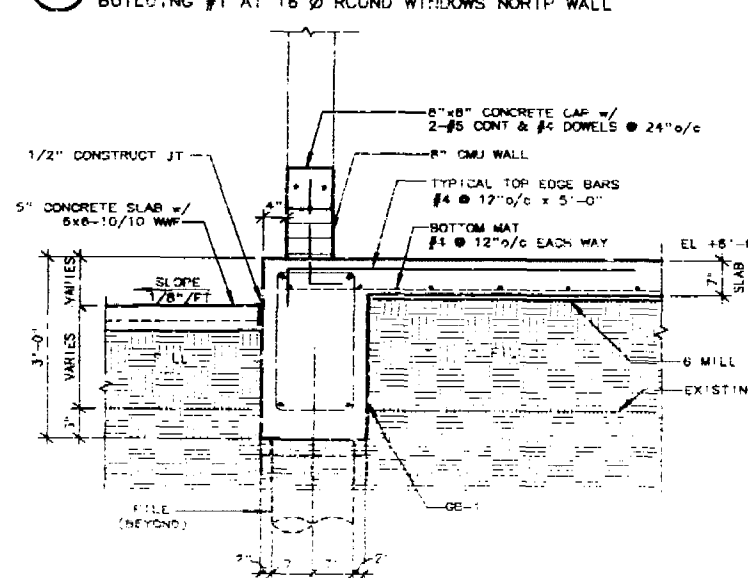
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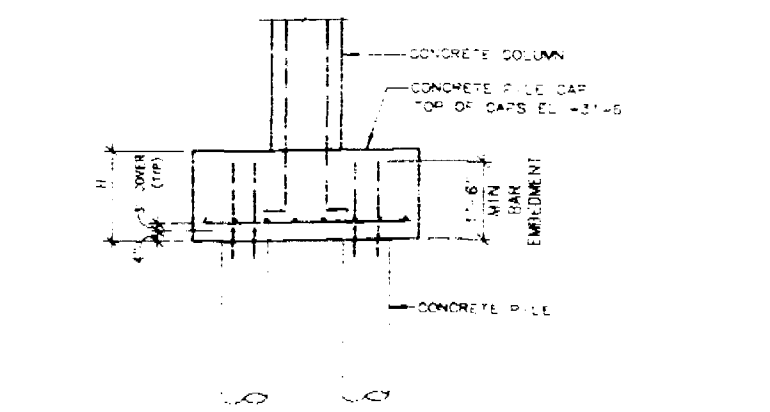
11 TYPICAL DETAIL AT GRADE BEAM GB-1  
BUILDING #2 AT WEST & NORTH WALLS 1/2"=1'-0"



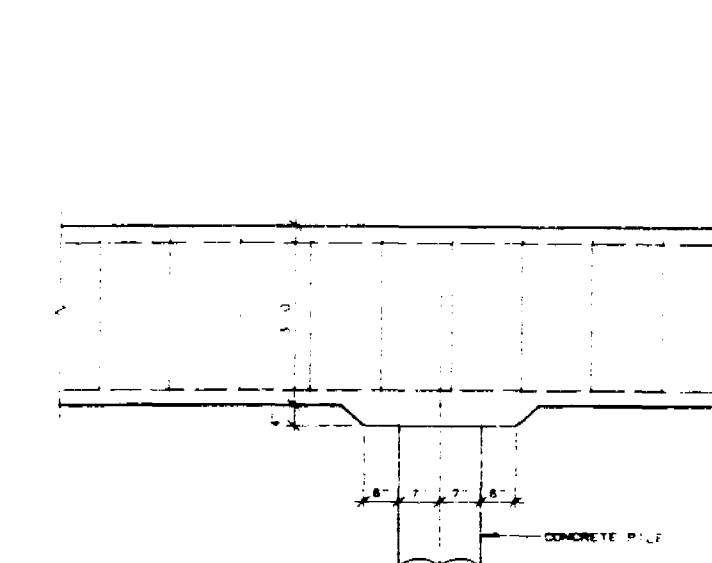
7 TYPICAL DETAIL AT GRADE BEAM GB-2  
BUILDINGS #1 AT STAIR 1/2"=1'-0"



③ TYPICAL DETAIL AT GRADE BEAM GB-1  
BUILDINGS #1 & #2 AT 8'x16' WINDOWS 1/2"=1'-0"



12) TYPICAL PILE CAP SECTION



8 TYPICAL DETAIL AT GRADE BEAM GB-1  
AT PILE 'B' WITHOUT PILE CAP

| GRADE BEAM SCHEDULE  |  |        |  |      |  |      |  |         |  |
|----------------------|--|--------|--|------|--|------|--|---------|--|
| JOB COPY             |  | S. NO. |  | DATE |  | TIME |  | REMARKS |  |
| CITY OF MIAMI BEACH  |  | ST. E  |  | #1   |  | #2   |  |         |  |
| COVERED BY PERMIT BY |  | ST. W  |  | #1   |  | #2   |  |         |  |
| TELEPHONE            |  | ST. N  |  | #1   |  | #2   |  |         |  |
|                      |  | ST. S  |  | #1   |  | #2   |  |         |  |

ELECTRICAL: \_\_\_\_\_  
MECHANICAL: \_\_\_\_\_  
FIRE PREVENTION: \_\_\_\_\_  
ENGINEERING: \_\_\_\_\_  
PUBLIC WORKS: \_\_\_\_\_  
STRUCTURAL: \_\_\_\_\_  
ACCESSIBILITY: \_\_\_\_\_



CLEMENT  
DIFILLIPPO  
AIA, PE

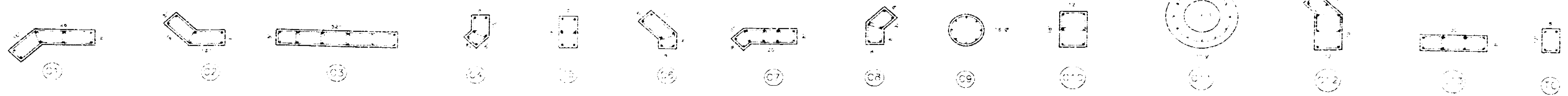
**JAMES F. SILVERS & ASSOC., P.A.**  
11130-5TH STREET MIAMI BEACH, FLA.  
ARCHITECT/DEVELOPER 305/672-0801

**SILVERSQUARE**  
1100 5TH STREET MIAMI BEACH, FLORIDA  
FOUNDATION DETAILS

## FOUNDATION DETAILS

57-3

NOTE: FINISHING SHALL BE PROVIDED BY MULTIPROJECT OR EQUIV. AS REQUIRED

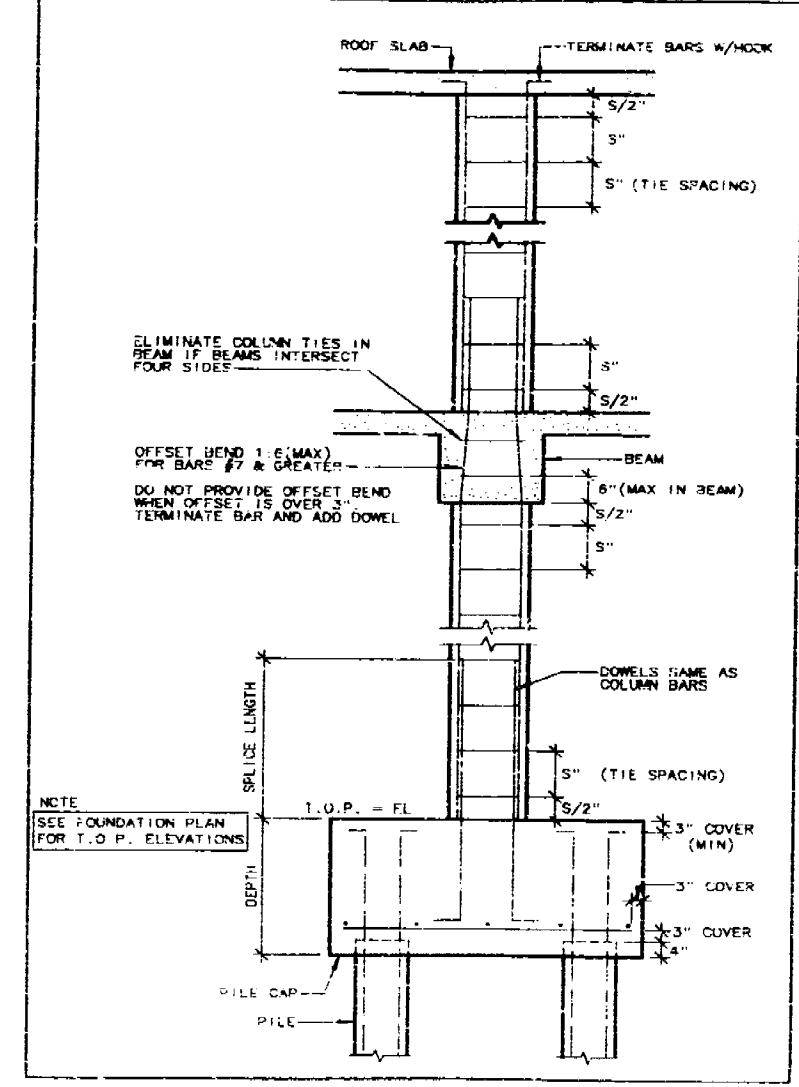


COLUMN SCHEDULE

| MARK | SIZE  | VERT BARS | TIES     | f'c(psi) | LOCATION      | REMARKS            |
|------|-------|-----------|----------|----------|---------------|--------------------|
| C1   | 8x8   | #5        | #3 @ 12" | 4000     | BLDG #1       |                    |
| C2   | 8x8   | #5        | #3 @ 12" | 4000     | BLDG #1       |                    |
| C3   | 8x12  | #5        | #3 @ 12" | 4000     | BLDG #1       |                    |
| C4   | 8x8   | #5        | #3 @ 12" | 4000     | BLDG #1       |                    |
| C5   | 8x16  | #5        | #3 @ 12" | 4000     | BLDGS #1 & #2 |                    |
| C6   | 8x8   | #5        | #3 @ 12" | 4000     | BLDG #1       |                    |
| C7   | 8x8   | #5        | #3 @ 12" | 4000     | BLDG #1       |                    |
| C8   | 8x8   | #5        | #3 @ 12" | 4000     | BLDG #1       |                    |
| C9   | 16x20 | #6        | #3 @ 12" | 4000     | BLDGS #1 & #2 |                    |
| C10  | 12x18 | #6        | #3 @ 12" | 4000     | BLDGS #1 & #2 |                    |
| C11  | 32x40 | #6        | #3 @ 16" | 4000     | BLDGS #1 & #2 |                    |
| C12  | 8x8   | #5        | #3 @ 12" | 4000     | BLDG #2       |                    |
| C13  | 8x30  | #5        | #3 @ 12" | 4000     | BLDG #1       |                    |
| TC   | 8x12  | #5        | #3 @ 12" | 4000     | BLDGS #1 & #2 | TYPICAL TIE COLUMN |

\* SEE COLUMN SIZE ABOVE

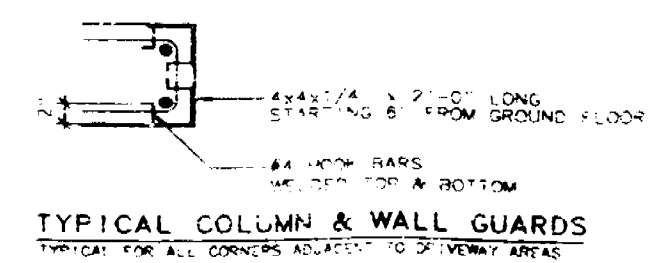
TYP COLUMN ELEVATION DETAILS



COLUMN TIE & LAP SPACING TABLE

| VERT BAR | TIE #3 | TIE #4 | COLUMN SIZE | L (TOP) |
|----------|--------|--------|-------------|---------|
| #5       | 10"    | 10"    | LEAST DIM   | 16"     |
| #6       | 12"    | 12"    |             | 23"     |
| #7       | 14"    | 14"    |             | 27"     |
| #8       | 16"    | 16"    |             | 30"     |
| #9       | 18"    | 18"    |             | 34"     |
| #10      | 18"    | 20"    |             | 38"     |
| #11      | 22"    | 22"    | LEAST DIM   | 41"     |

NOTE: ON ALL TIES, THE #3 OR #4 TIE SHALL BE PLACED AT THE CORNER OF THE COLUMN.



TYPICAL COLUMN & WALL GUARDS

BEAM SCHEDULE-Building #1

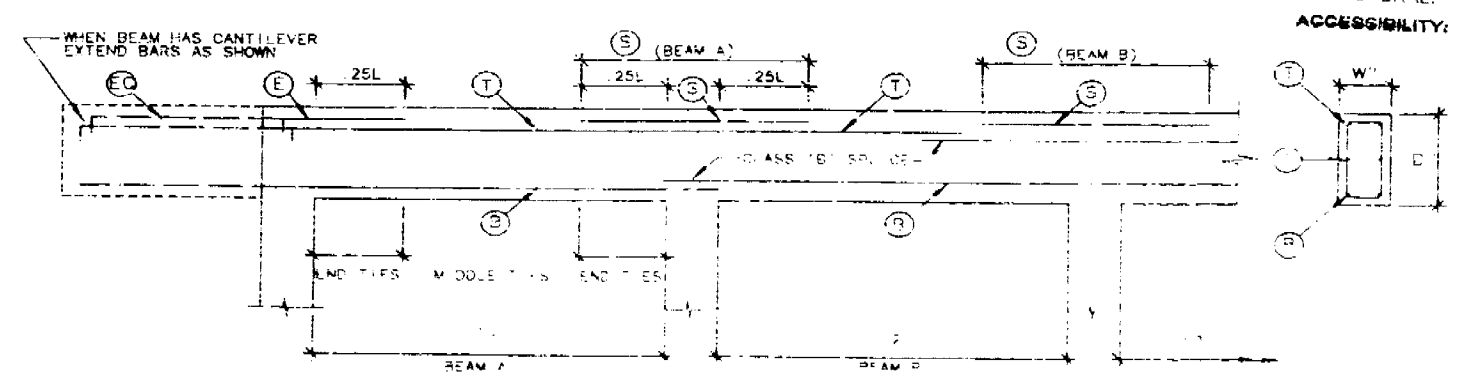
| MARK | SIZE   | REINFORCING BARS | TIE SPACING | REMARKS                              |
|------|--------|------------------|-------------|--------------------------------------|
| B-1  | 12x20  | #5 2#5 2#5       | #3 12" 16"  | BOT BM EL +16'-0" (INTERMEDIATE BM)  |
| B-2  | 12x20  | #5 2#5 2#5       | #3 10" 15"  | BOT BM EL +25'-11"                   |
| B-3  | 12x20  | #5 2#5 2#5       | #3 10" 16"  | BOT BM EL +25'-11"                   |
| B-4  | 12x16  | #5 2#5 2#5       | #3 8" 8"    | BOT BM EL +27'-6" (AT TOP OF STAIR)  |
| B-5  | 8x24   | #5 2#5 2#5       | #3 10" 15"  | BOT BM EL +25'-6" (ABOVE DRIVE-THRU) |
| B-6  | W21x44 |                  |             | STEEL ROOF BEAM                      |
| TB   | 8x16   | #5 2#5 2#5       | #3 12" 12"  |                                      |
| TB-2 | 8x21   | #5 2#5 2#5       | #3 12" 12"  |                                      |

NOTE: Beam widths noted as B" may be 7 1/2" wide to align with block walls.

BEAM SCHEDULE-Building #2

| MARK | SIZE   | REINFORCING BARS | TIE SPACING | REMARKS                             |
|------|--------|------------------|-------------|-------------------------------------|
| B-1  | 12x30  | #5 2#5 2#5       | #3 10" 16"  | BOT BM EL +16'-0" (INTERMEDIATE BM) |
| B-2  | 12x30  | #5 2#5 2#5       | #3 10" 16"  | TOP BM EL +29'-10"                  |
| B-3  | W21x44 |                  |             | STEEL ROOF BEAM                     |
| TB   | 8x16   | #5 2#5 2#5       | #3 12" 12"  |                                     |
| TB-2 | 8x30   | #5 2#5 2#5       | #3 12" 12"  |                                     |

NOTE: Beam widths noted as B" may be 7 1/2" wide to align with block walls.



BEAM PROFILE & BAR DESCRIPTION

|    |                                                                   |
|----|-------------------------------------------------------------------|
| B  | Bottom bars with splices permitted over supports                  |
| T  | Top bars with splices permitted at mid span                       |
| S  | Top bars over supports, always use larger bar than adjacent spans |
| E  | Top bars, for end condition                                       |
| CO | Top bars for cantilever end (extend 35 bar diameters from face)   |
| IC | Intermediate bars, equally spaced each side                       |

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CITY OF MIAMI BEACH

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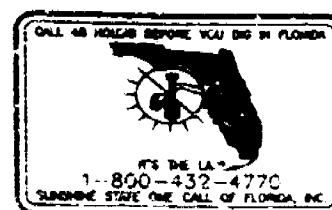
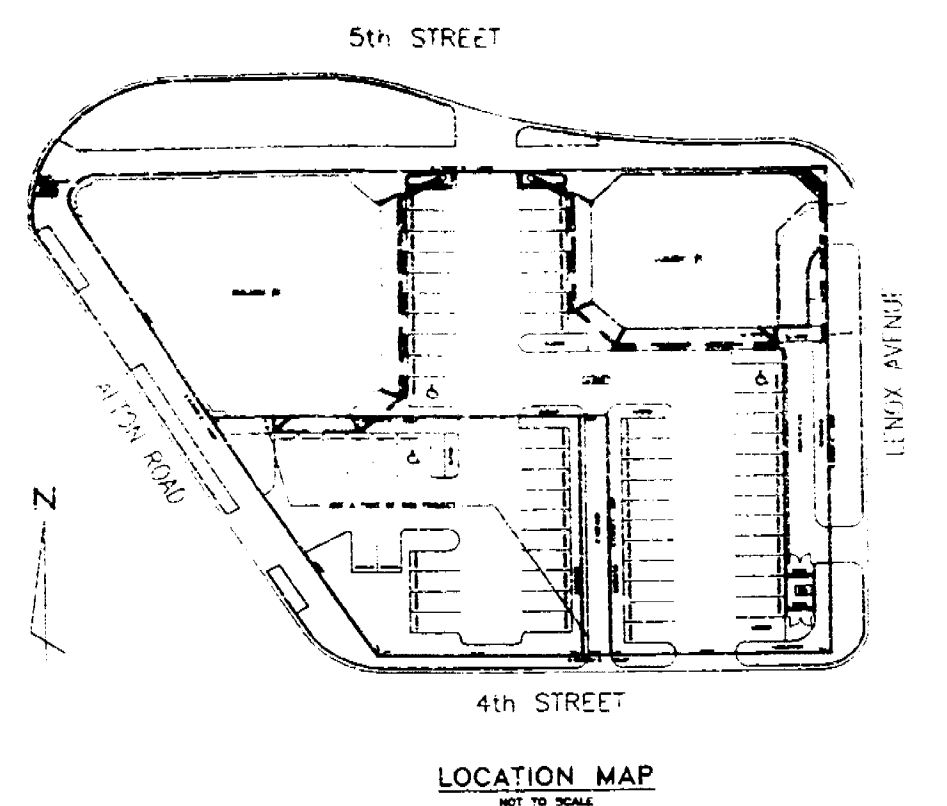
- BUILDING: \_\_\_\_\_
- ZONING: \_\_\_\_\_
- PLUMBING: \_\_\_\_\_
- ELECTRICAL: \_\_\_\_\_
- MECHANICAL: \_\_\_\_\_
- FIRE PREVENTION: \_\_\_\_\_
- ENGINEERING: \_\_\_\_\_
- PUBLIC WORKS: \_\_\_\_\_
- STRUCTURAL: \_\_\_\_\_
- ACCESSIBILITY: \_\_\_\_\_

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1130-5TH STREET MIAMI BEACH, FLA.  
ARCHITECT/DEVELOPER 305/672-0801

SILVERSQUARE  
1100 5TH STREET MIAMI BEACH, FLORIDA  
SCHEDULES & NOTES

CLEMENT DIFILLIPPO  
AIA, PE

S3-1



# SILVERSQUARE

1100 — 1130 FIFTH STREET  
MIAMI BEACH, FLORIDA

## NEW GRADING, DRAINAGE AND DRIVEWAY CONNECTION PLAN

### GENERAL NOTES AND SPECIFICATIONS

1. THIS PLAN WAS PREPARED UNDER MY DIRECTION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLIES WITH THE INTENT OF THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS, AS ADOPTED BY THE STATE OF FLORIDA LEGISLATURE, CHAPTER 72-328 F.S.
2. ALL WORK WITHIN STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION (D.O.T.) RIGHT-OF-WAY SHALL CONFORM TO CURRENT STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS, AND BE IN COMPLIANCE WITH THE D.O.T. PERMIT.
3. ALL WORK WITHIN PRIVATE PROPERTY SHALL CONFORM TO CURRENT CITY OF MIAMI BEACH (CMB), DADE COUNTY PUBLIC WORKS DEPARTMENT (DCPWD), AND DADE COUNTY DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT (DERM) STANDARDS AND SPECIFICATIONS.
4. ALL ELEVATIONS REFER TO N.G.V.D.
5. FLOOD CRITERIA ELEVATION FOR THIS PROJECT IS (+5.0).
6. THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND FAMILIARIZING HIMSELF WITH THE EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION.
7. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE SIZES, LOCATIONS, AND ELEVATIONS OF ALL EXISTING UTILITIES AND UNDERGROUND STRUCTURES PRIOR TO THE START OF CONSTRUCTION.
8. EXISTING TOPOGRAPHY WAS TAKEN FROM A SURVEY PREPARED BY ZURWELLE-WHITTAKER, INC.
9. SURFACE COURSE WITHIN PRIVATE PROPERTY SHALL BE 1-INCH THICK ASPHALT TYPE S-1 COMPACTED TO MINIMUM OF 95 PERCENT OF THE LABORATORY COMPACTED DENSITY. ALL WORK PERTAINING TO THE SURFACE COURSE SHALL BE IN ACCORDANCE WITH SECTION 133 OF THE DCPWD MANUAL, PART 2, LATEST EDITION.
10. LIMEROCK BASE WITHIN PRIVATE PROPERTY SHALL BE 8 INCHES THICK COMPACTED TO A MINIMUM OF 95 PERCENT OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180. PRIMED ENTIRE WIDTH. ALL WORK PERTAINING TO THE LIMEROCK BASE SHALL BE IN ACCORDANCE WITH SECTION 51 OF THE DCPWD MANUAL, PART 2, LATEST EDITION.
11. SUBGRADE WITHIN PRIVATE PROPERTY SHALL BE 12 INCHES THICK COMPACTED TO A MINIMUM OF 95 PERCENT OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180. MATERIAL SHALL HAVE A MINIMUM CALIFORNIA BEARING RATIO OF 25. ALL WORK PERTAINING TO THE SUBGRADE SHALL BE IN ACCORDANCE WITH SECTION 33 OF THE DCPWD MANUAL, PART 2, LATEST EDITION.
12. CATCH BASIN STRUCTURES WITHIN PRIVATE PROPERTY TO BE IN ACCORDANCE WITH DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARD DETAIL SD-12.
13. GUTTER FRAMES AND GRATES WITHIN PRIVATE PROPERTY TO BE IN ACCORDANCE WITH DCPWD STANDARD DETAIL SD-23.
14. DRAINAGE INTERCEPTOR TANKS TO BE CORRUGATED ALUMINUM AND 14 GAGE, 3' X 1' CORRUGATION PATTERN. PIPE SHALL CONFORM TO THE REQUIREMENTS OF ASTM B-206 ALLOY ALCLAD 3004-H34 AND TO AASHTO M-196 AND M-197, CURRENT EDITION. INSTALLATION IN ACCORDANCE WITH DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARD DETAIL SD-12, SECTION 2, LATEST EDITION, AND PIPE PER GATOR CULVERT COMPANY, OR APPROVED EQUAL.

15. ALUMINUM CORRUGATED METAL TRANSMISSION PIPE, 30" DIAMETER AND SMALLER, SHALL BE 14 GAGE, HELICAL CONSTRUCTION, 2-2/3' X 1/2' CORRUGATION PATTERN. PIPE SHALL BE FORMED FROM SHEETS CONFORMING TO THE REQUIREMENTS OF ASTM B-209 ALLOY ALCLAD 3004-H34 AND TO AASHTO M-196 AND M-197, CURRENT EDITION. INSTALLATION AND PIPE PER GATOR CULVERT COMPANY, OR APPROVED EQUAL.
16. DRAINAGE WELLS SHALL BE 24" (2) AND 12" (1) DIAMETER STEEL CASING PIPES CONFORMING TO ASTM A-120. CASINGS TO EXTEND DOWN TO CLASS G-3 WATER. WELLS SHALL BE DRILLED A MINIMUM OF 10' BELOW THE BOTTOM OF THE CASING PIPES, WITH INSTALLATION IN ACCORDANCE WITH STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION WELL PERMIT.
17. INTERCEPTOR TANK MANHOLES SHALL BE AS SHOWN ON THE DETAIL SHEET NO. 3.
18. DRAINAGE WELL TESTING — THE 24" DIAMETER DRAINAGE WELLS SHALL BE TESTED FOR MINIMUM CAPACITIES OF 2,700 GPM (4.25' RISE) AND 600 GPM (2.5' RISE). THE 12" DIAMETER DRAINAGE WELL SHALL BE TESTED FOR A MINIMUM CAPACITY OF 300 GPM (2.5' RISE). THE WELL DRILLER MUST SUBMIT A CERTIFIED TEST REPORT TO THE ENGINEER PRIOR TO FINAL CERTIFICATION. THE CONTRACTOR SHALL TEST THE WELLS FOR CAPACITY BY PUMPING WATER IN TO EACH WELL. THE CONTRACTOR MAY UTILIZE ANY TWO WELLS TO TEST THE THIRD.
19. ALL UNDERGROUND UTILITIES SHALL BE INSTALLED AND TESTED SATISFACTORILY PRIOR TO THE APPLICATION OF ASPHALT PAVEMENT.
20. THE CONTRACTOR SHALL PROVIDE AN INDEPENDENT TESTING LABORATORY TO PROVIDE CERTIFICATION AS TO THE FOLLOWING: A) SUBGRADE THICKNESS AND MINIMUM CBR = 25 AND COMPACTION DENSITY CONFORMS TO SPECIFICATIONS; B) LIMEROCK BASE THICKNESS AND COMPACTION DENSITY CONFORMS TO SPECIFICATIONS; C) ASPHALT SURFACE COURSE THICKNESS AND COMPACTION DENSITY CONFORMS TO SPECIFICATIONS.
21. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH AS-BUILT GRADES OF FINISHED PAVEMENT. SUCH GRADES SHALL BE OBTAINED BY A LICENSED SURVEYOR REGISTERED TO PRACTICE IN THE STATE OF FLORIDA. SUCH GRADES SHALL INCLUDE HIGH AND LOW POINTS, CROSS-SECTION OF ROADWAY, AND R/W GRADES FOR DRAINAGE WELLS.
22. THE CONTRACTOR SHALL COORDINATE HIS WORK, INCLUDING STORAGE OF MATERIALS AND EQUIPMENT WITH ALL UTILITIES, A.A.
23. MAINTENANCE OF TRAFFIC TO BE IN ACCORDANCE WITH STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD INDEX NUMBER 600.
24. GUTTER GRATES TO BE 400 MODEL NO. 1400 WITH 4400 PART FOR GRATES OR APPROVED EQUAL.
25. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL EQUIPMENT AND OBTAIN ENGINEER'S APPROVAL PRIOR TO ORDERING.

### EARTHWORK

#### NOTES AND SPECIFICATIONS

##### ALTERNATE A: STABILIZATION BY GEOTEXTILES

1. GEOTEXTILE: MIRAFI 600X.
2. BACKFILL MATERIAL: SECTION 30, DADE COUNTY PUBLIC WORKS DEPARTMENT (DCPWD) MANUAL, CURRENT EDITION.
3. INSTALLATION:
  - A. CLEAR AND GRUB SITE: SECTION 24, DCPWD MANUAL, CURRENT EDITION.
  - B. SMOOTH SURFACE OF EXISTING SOIL, TO AVOID RUTS AND HILLS.
  - C. UNROLL FABRIC IN SMOOTH SHEETS. OVERLAP JOINTS IN FABRIC BY 4-FOOT MINIMUM.
  - D. AT ALL OUTSIDE EDGES OF AREAS BEING STABILIZED WITH GEOTEXTILE FABRIC, EXCAVATE A TRENCH AT LEAST 4-FOOT DEEP, AND DRAPE FABRIC DOWN INSIDE FACE OF TRENCH, THEN BACKFILL TRENCH WITH EXCAVATED MATERIAL.
  - E. PLACE BACKFILL IN 12-INCH MAXIMUM LIFTS UP TO THE BOTTOM OF THE BASE COURSE. PLACING AND COMPACTION PER SECTION 30, DCPWD MANUAL, CURRENT EDITION.
  - F. TRUCK DUMP BACKFILL MATERIAL ONTO THE FABRIC, THEN SPREAD WITH LIGHTWEIGHT BULLDOZER. USE VIBRATORY COMPACTOR ONLY AFTER PRELIMINARY COMPACTION OF THE INITIAL 12-INCH THICK LIFT BY A BULLDOZER. NO VEHICLE SHOULD DRIVE DIRECTLY ON THE FABRIC OR WITH LESS THAN 12-INCHES OF CUSHION OVER THE FABRIC.
  - G. WHERE THE FABRIC MUST BE CUT, TO ALLOW INSTALLATION OF UNDERGROUND UTILITIES OR PLANTING TREES, CUT IN A STRAIGHT LINE 12 INCHES WIDE. BACKFILL FOR INSTALLATION. AFTER INSTALLATION, REPLACE FLAPS, AND OVERLAY WITH STRIPS OF FABRIC, EXTENDING AT LEAST 4 FEET ON EACH SIDE OF THE CUT.

### JOB COPY

CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY  
THE FOLLOWING:

BUILDING: \_\_\_\_\_  
ZONING: \_\_\_\_\_  
PLUMBING: \_\_\_\_\_  
ELECTRICAL: \_\_\_\_\_  
MECHANICAL: \_\_\_\_\_  
FIRE PREVENTION: \_\_\_\_\_  
ENGINEERING: \_\_\_\_\_  
PUBLIC WORKS: 12459 12/90 Engineering Dept.  
STRUCTURAL: \_\_\_\_\_  
ACCESSIBILITY: \_\_\_\_\_

☐ PRELIMINARY  
☐ NOT FOR CONSTRUCTION  
☒ APPROVAL SET  
- BID SET  
- CONTRACT DOCUMENT

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| SILVERSQUARE                                        |                        |                     |                |
|-----------------------------------------------------|------------------------|---------------------|----------------|
| 1100 — 1130 FIFTH STREET, MIAMI BEACH, FLORIDA      |                        |                     |                |
| PROPOSED GRADING AND DRAINAGE                       |                        |                     |                |
| SCALE: NONE                                         | FILE: ACAD/DLS/SILVERS | DATE: MAR., 1996    | REVISED BY: MP |
|                                                     |                        | JOB NO.: 27.06      | REVIEWED BY:   |
| DESIGNED BY: ZEVEN CONSULTING ENGINEERS             |                        |                     |                |
| 1481 MERIDIAN AVENUE, SUITE 207 • MIAMI BEACH, FLA. |                        |                     |                |
| TEL: (305) 672-5178                                 |                        | FAX: (305) 672-5178 |                |
| COVER SHEET                                         |                        | DRAWING NUMBER      |                |
|                                                     |                        | 1 OF 3              |                |

REVISION 3/25/96 — ADDED BLOS. ROOF RAIS. TO INTERCEPTOR TANK AND CATCH BASIN PER JIM SILVERS REQUEST.