



PERMIT #

B0401489

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Vx & Vy REACTIONS & ANCHOR SCHEDULE

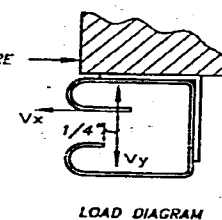
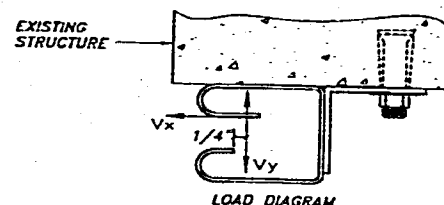
MAXIMUM DESIGN LOAD (PSF)	DOOR WIDTH (FT.)	SLIP (IN)	Vx (LB/FT)	Vy (LB/FT)	ANCHOR SPACING			
					FOR Min. Fc = 3000 psi CONCRETE		FOR Min. Fc = 4000 psi CONCRETE	
					TYPE 1 *	TYPE 2 **	TYPE 1 *	TYPE 2 **
+50.0, -50.0	8'-0" OR LESS	1/16"	2127	225	9"	12"	12"	12"
	12'-0"	1/8"	2617	300	7"	11"	9 1/2"	12"
	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	350	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 RAIL 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

ILICO INC. 1000 N.W. 10th Ave. Suite 100 Fort Lauderdale, FL 33304 (954) 571-1111	BEST ROLLING DOORS, INC. 1000 N.W. 10th Ave. Suite 100 Fort Lauderdale, FL 33304 (954) 571-1111	SCALE 1/4" = 1'-0" DATE JUN 28 2001 99 - 157
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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.

ADVERTISING: The NOA number shall 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

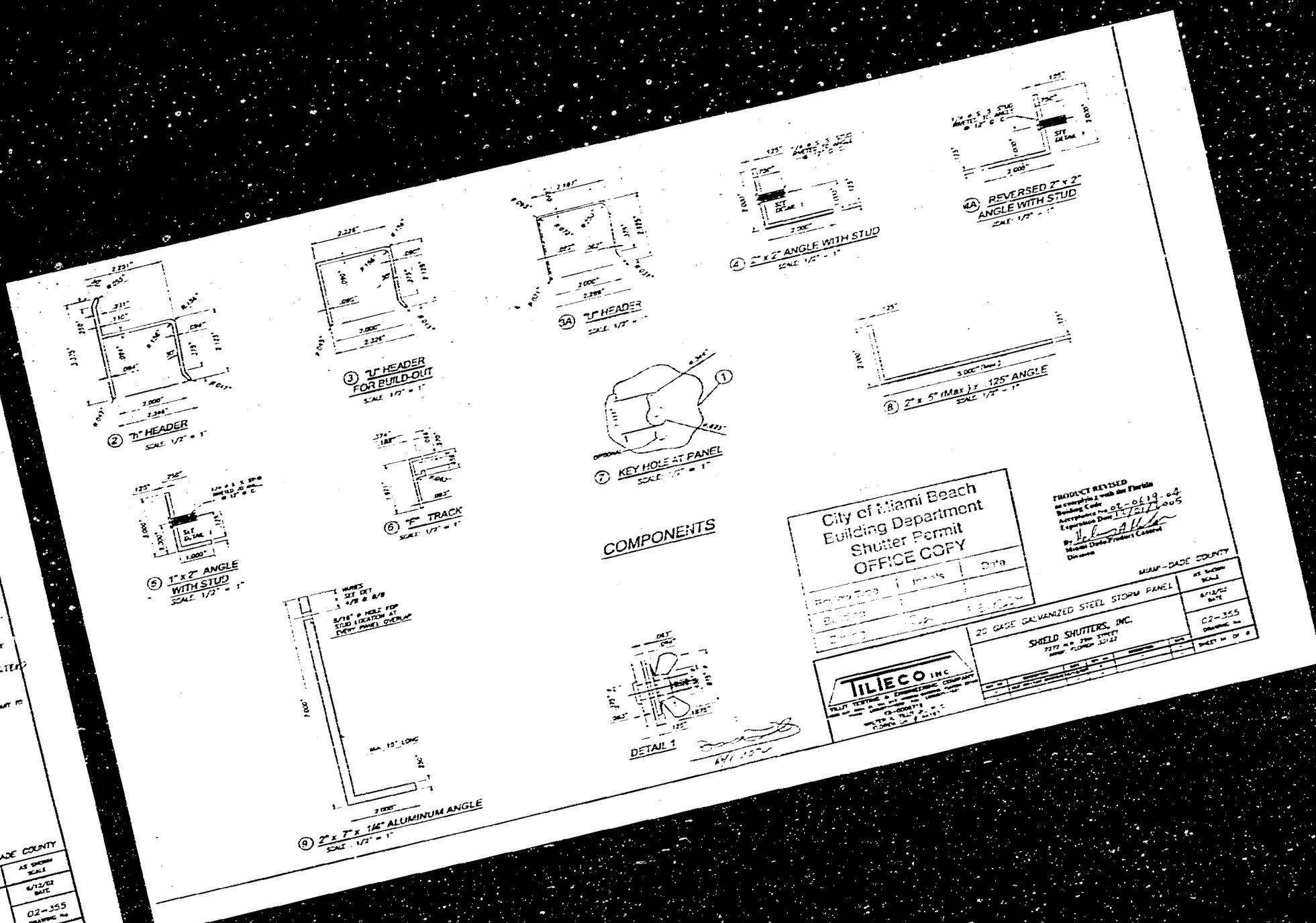
THE FOLLOWING

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

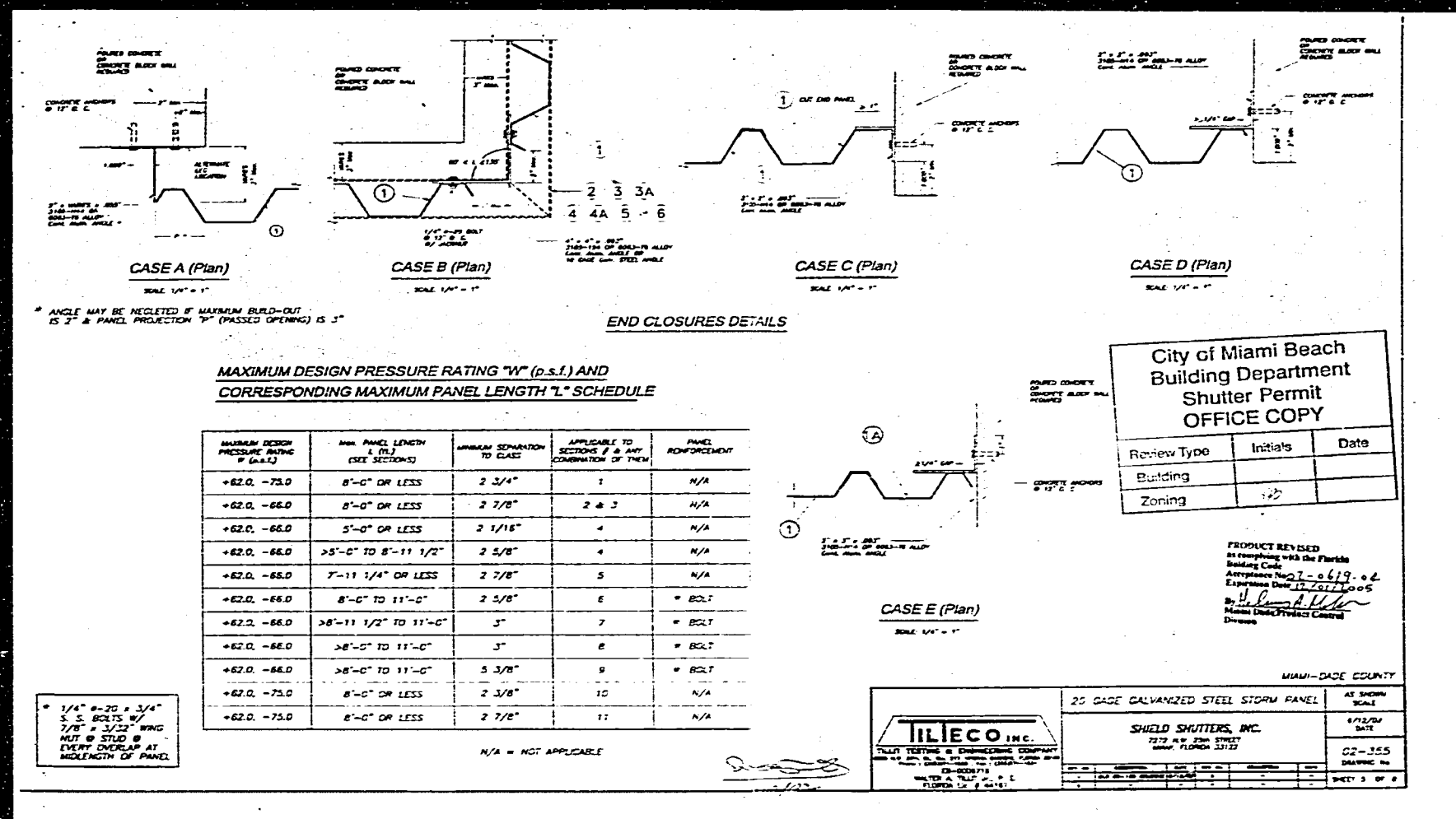
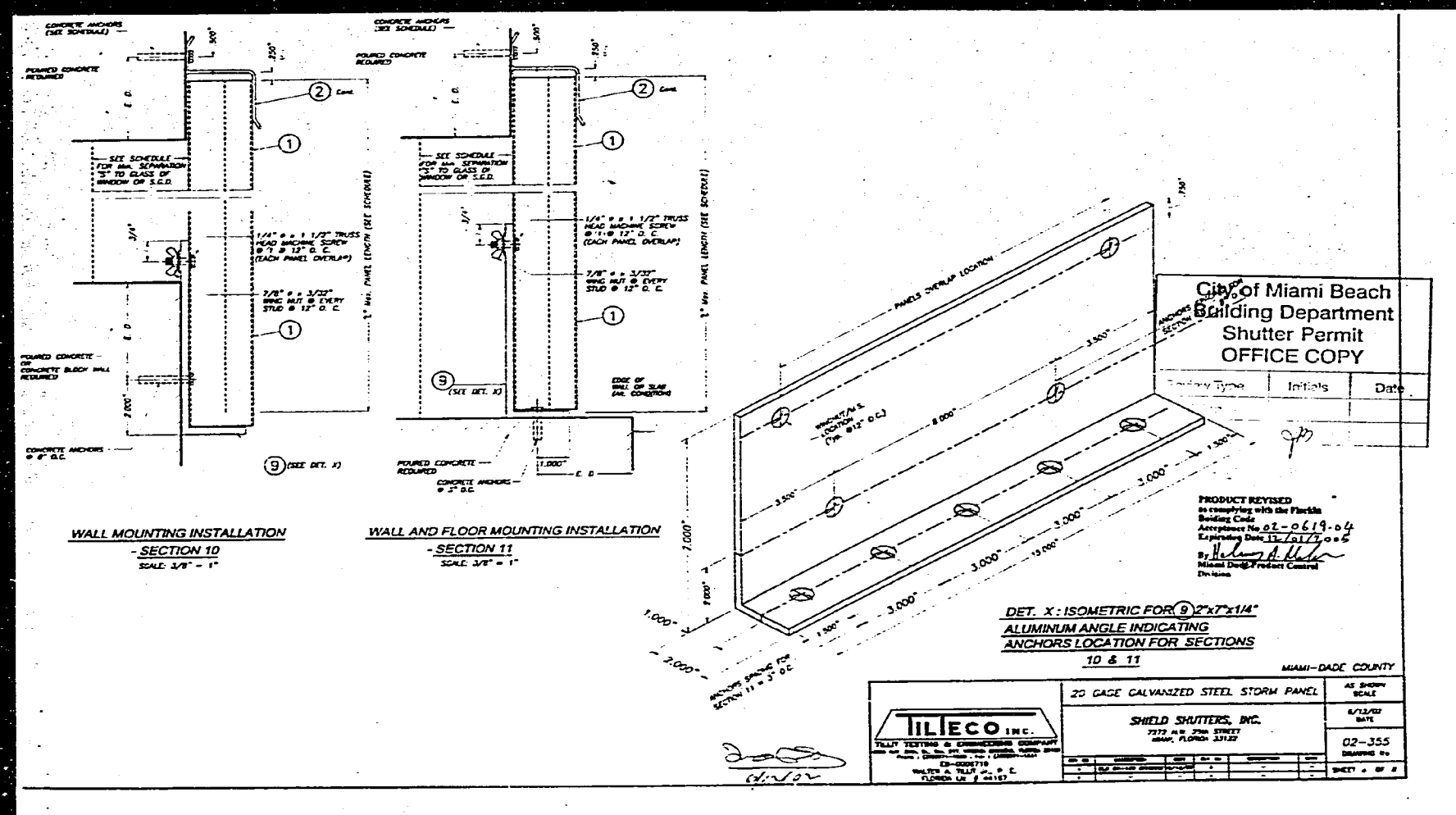
As per Florida Building Code, Section 105.3.3
REVIEWED FOR CODE COMPLIANCE

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	MAX. SPACING
2"	88	35
2 1/2"	71	30
3"	50	25

City of Miami Beach
Building Department
Shutter Permit
OFFICE COPY

Review Type: Initials: Date: _____

Building: _____

Zoning: _____

PROJECT REVIEWED BY: _____

DATE: _____

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

MIAMI-DADE COUNTY
AS SHOWN
SEAL
N/A/100
N/A/100
02-355
SHIELD SHUTTERS, INC.
SHEET 6 OF 6

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

Review Type: Initials: Date: _____

Building: _____

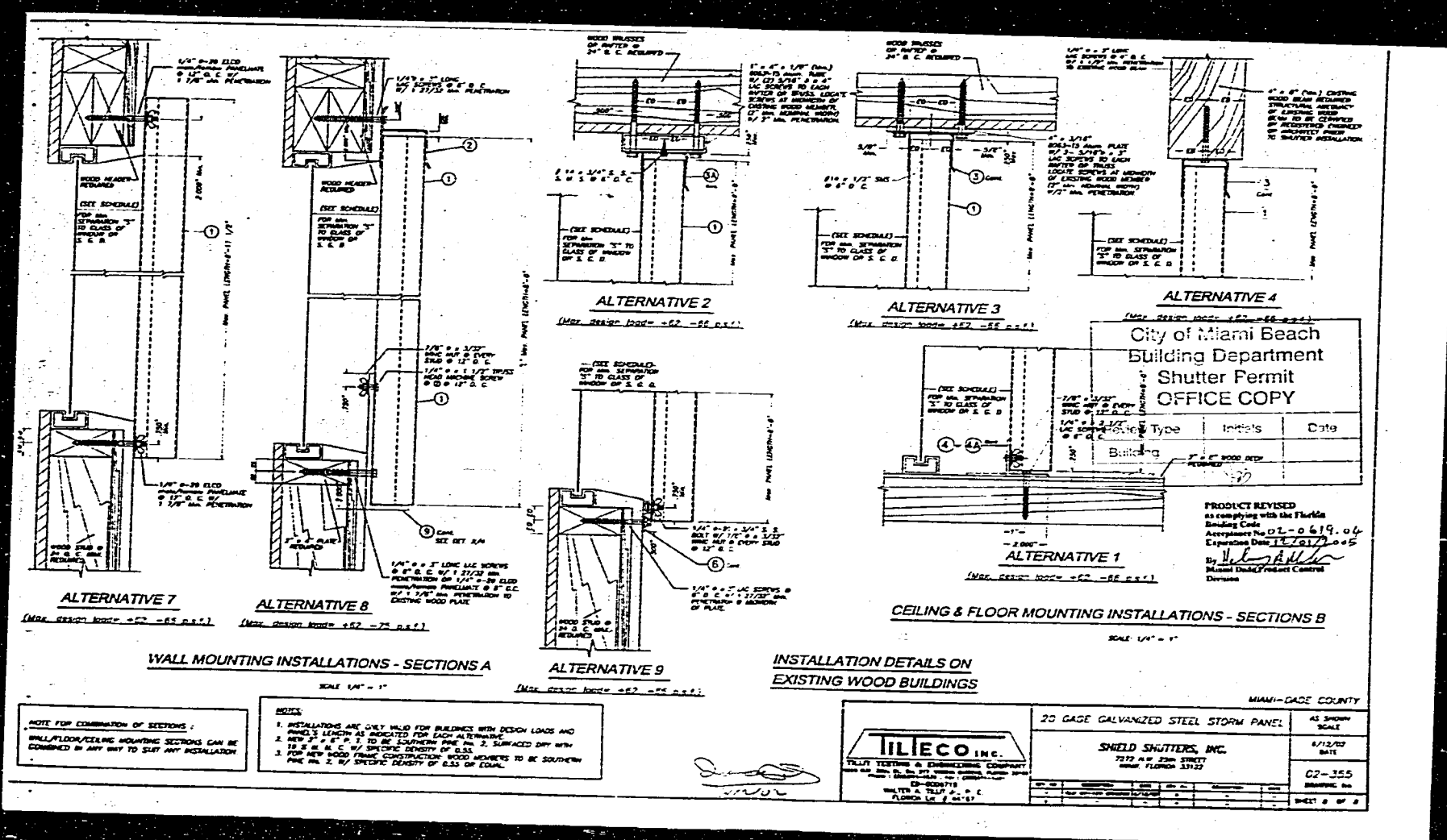
Zoning: _____

PROJECT REVIEWED BY: _____

DATE: _____

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

MIAMI-DADE COUNTY
AS SHOWN
SEAL
N/A/100
N/A/100
02-355
SHIELD SHUTTERS, INC.
SHEET 7 OF 6

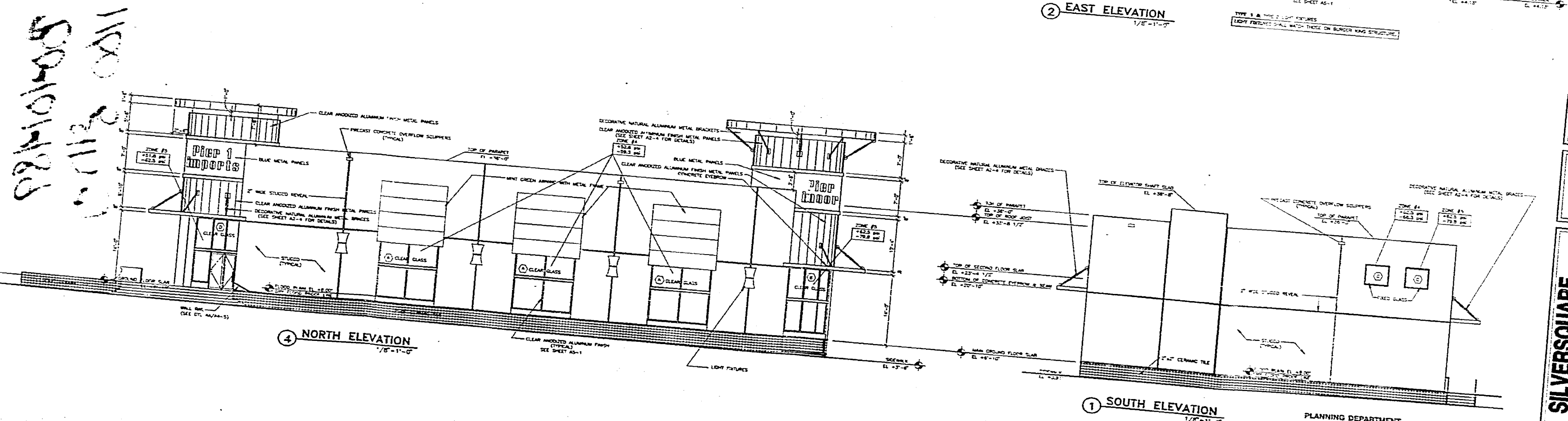
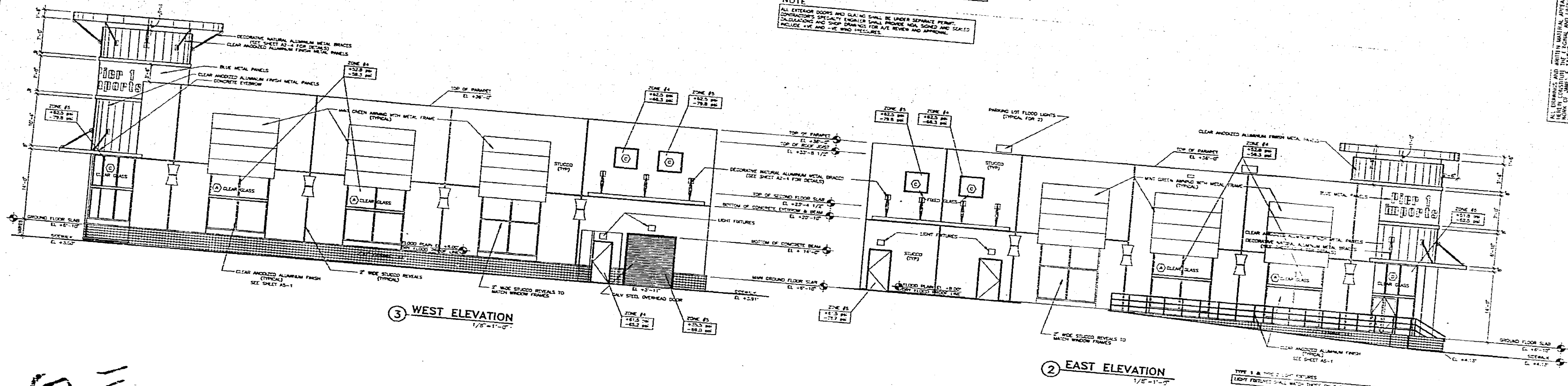


DRY FLOOD PROOFING NOTES

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, INCLUDING AND SHOP DRAWINGS FOR A/E REVIEW AND APPROVAL. INCLUDE +VE AND -VE WIND PRESSURES.



ALL DRAWINGS AND NOTATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN INSTITUTE OF ARCHITECTS' GRAPHIC STANDARDS AND UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHALL BE IN FEET AND INCHES. WITHOUT THE EXP. SIGNATURE AND SEAL OF JAMES F. SILVERS, DATE 21 (G) 2003.

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

PLANNING DEPARTMENT
SHUTTER APPROVAL
DESIGN REVIEW: ☒ INITIALS ☒ DATE
DATE: 12/1/03
BY: [Signature]
1. STORM PURPOSES ONLY
2. COLOR & STYLE TO MATCH EXISTING BUILDINGS
3. OTHER: _____
CONTRACTOR: _____
DATE: _____
BY: _____
1. PLUMBING TO WALL - NO SHADOW ENCLOSURE
2. OTHER: _____

A3-1

PROVECHO

OFFICE COPY

PERMIT BY
OWING:

61.6.2

Av 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"

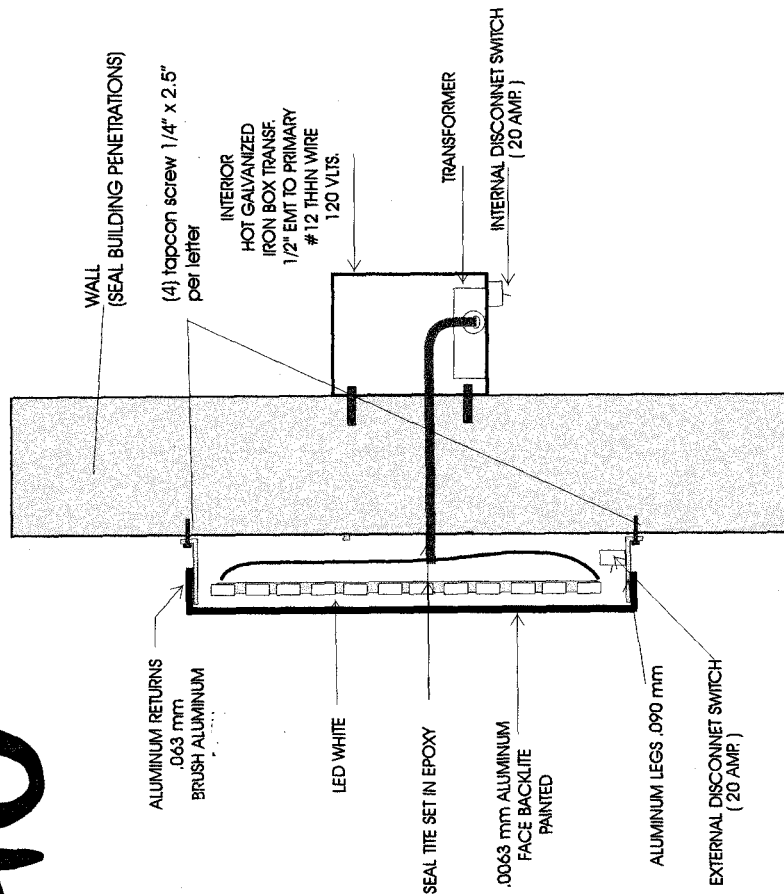
PANEL A.....
250 RATING..
BREAKER # 3
TOTAL LOAD: 150 AMP

ELECTRICAL SPECS
1-120 VAC POWER SUPPLY
1-20 AMP CIRCUIT
1-20 AMP INTERNAL DISCONNECT SWITCH
TOTAL LOAD: 1 AMP
GROUNDING/BOUNDING AS PER NEC 250
PRIMARY WIRE # 12 THHN/THWN
FACE JUMP LETTER BY LETTER

THE SIGN AS PER ASCE 7-05
AND 2104 F.B.C. WIND LOAD
1175 MPH EXPOSURE "C"
IMPORTANCE FACTOR 1.0

22

MOUNTING DETAIL REVERSE CHANNEL LETTERS



ELECTRICAL DATA

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

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
			1.0
			TOTAL
			1.0

FASTENER TABLE

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

10/1/22

SUNSHINE ELECTRICAL CONTRACTOR

1300 SW 85TH CT
MIAMI, FL 33144

305.265.4958

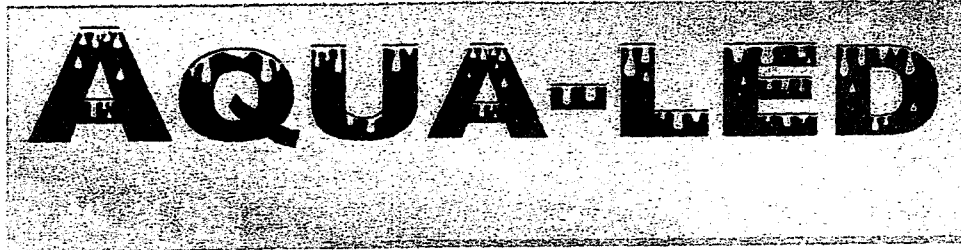
PROVECHO

1120 15TH STREET

TWIN CITY REALTY

NORTH ELEVATION

018
01012
Transco takes LED lighting to a new level !

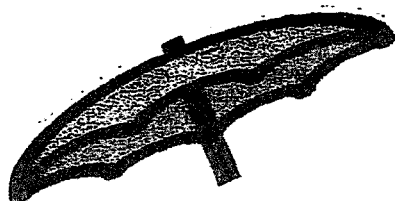


All the features you could ask for in a LED module

- **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



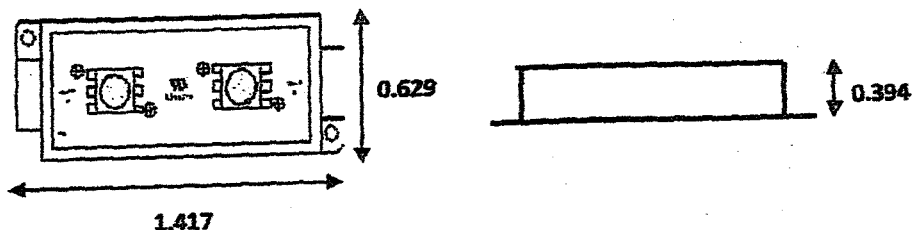


AQUA-LEDSM

SERIES

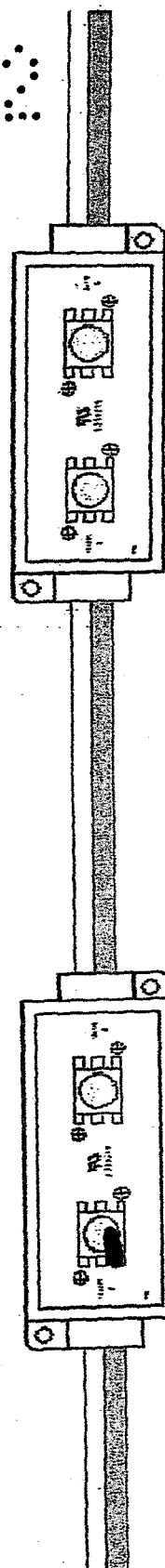
Color	White (3)	Amber
Quantity of LED Lamps	2 SMD Ultra Bright Wide Viewing Angle (Type B)	
Power Consumption	0.60 Watts/Module; 3 Modules/Foot	
Working Voltage	12 Volts DC	
Working Current	25mA (max working current)	
Viewing Angle	120 Degrees	
Lumens per Foot	Whites (102), Red (36), Green (36), Blue (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



TRANSCO
Powering the World is Our Profession

1059 Colite Dr.
W. Columbia, SC 29171
(800) 869-6366
transco@transco-usa.com
www.transco-usa.com



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

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:

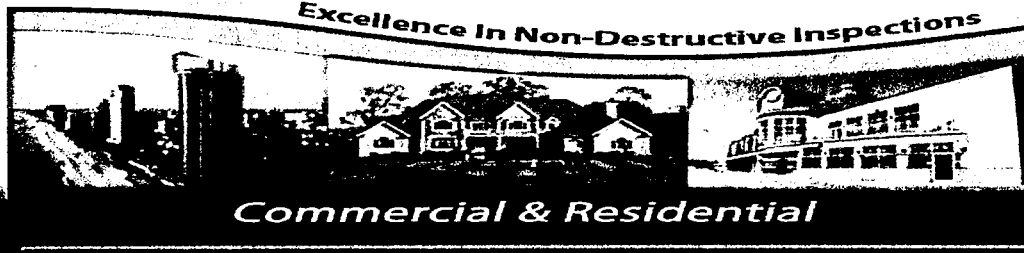
[Signature]
6/18/12

[Signature]
6/18/12

AV 6/18/12



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

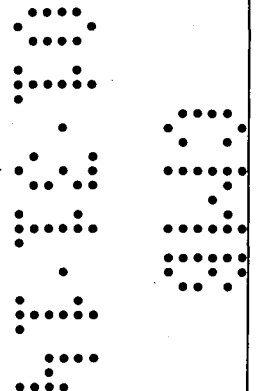
Fort Lauderdale, FL 33304

954/ 767-5955 O

954/603-8832 F

info@tricountyinspection.com

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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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

n/a

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

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

BUILDING	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

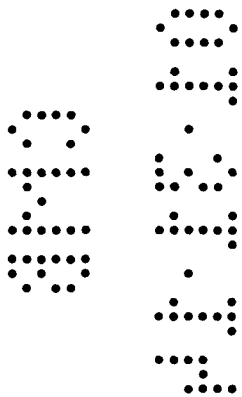
TOTAL RC SECTION 1	\$601,596	\$24,410
---------------------------	------------------	-----------------

TOTAL ACV	Depreciated Cost (52%) Age & Condition-69 years old & Good	\$312,830	\$12,693
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TOTAL RC BUILDING	ARRP Miami LLC	\$601,596	\$24,410
--------------------------	-----------------------	------------------	-----------------

TOTAL ACV	\$312,830	\$12,693
------------------	------------------	-----------------

	Reconstruction	sq. ft.	\$/sq. ft.	Depreciated
VALUATION GRAND TOTAL	\$601,596	6,722	\$89.50	\$312,830



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

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

BUILDING: SUBSTRUCTURE	Reconstruction	sq. ft.	\$/sq. ft.	Depreciated
SECTION 1:	\$0	0	\$0.00	\$0

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

BUILDING TOTAL, ARRP Miami LLC	\$601,596	6,722	\$89.50	\$312,830
---------------------------------------	------------------	--------------	----------------	------------------

BUILDING INSURANCE SUMMARY

100% Co-insurance Requirement	\$601,596			\$312,830
VALUATION GRAND TOTAL	\$601,596	6,722	\$89.50	\$312,830

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

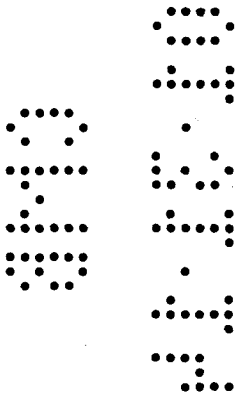
Are there any cooking exposures beyond what would normally be expected in a residential unit?

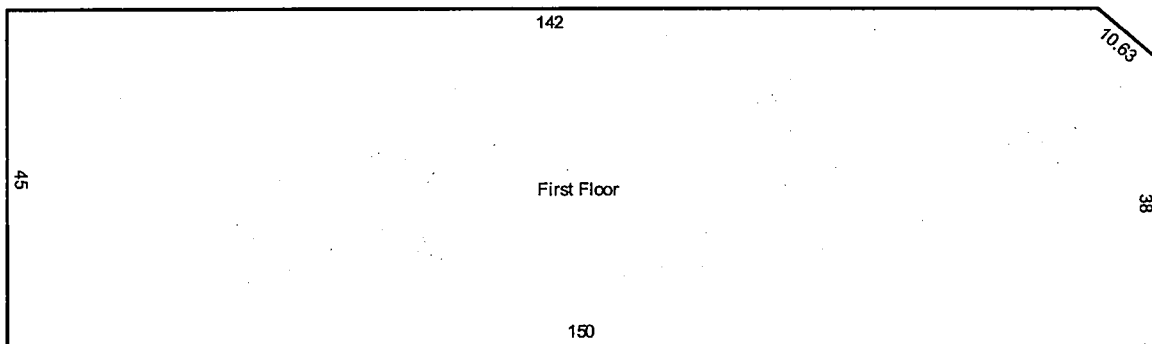
☒ Yes ☐ No

If Yes, describe the exposure.

Pizza store

Describe any other property or liability hazards n/a

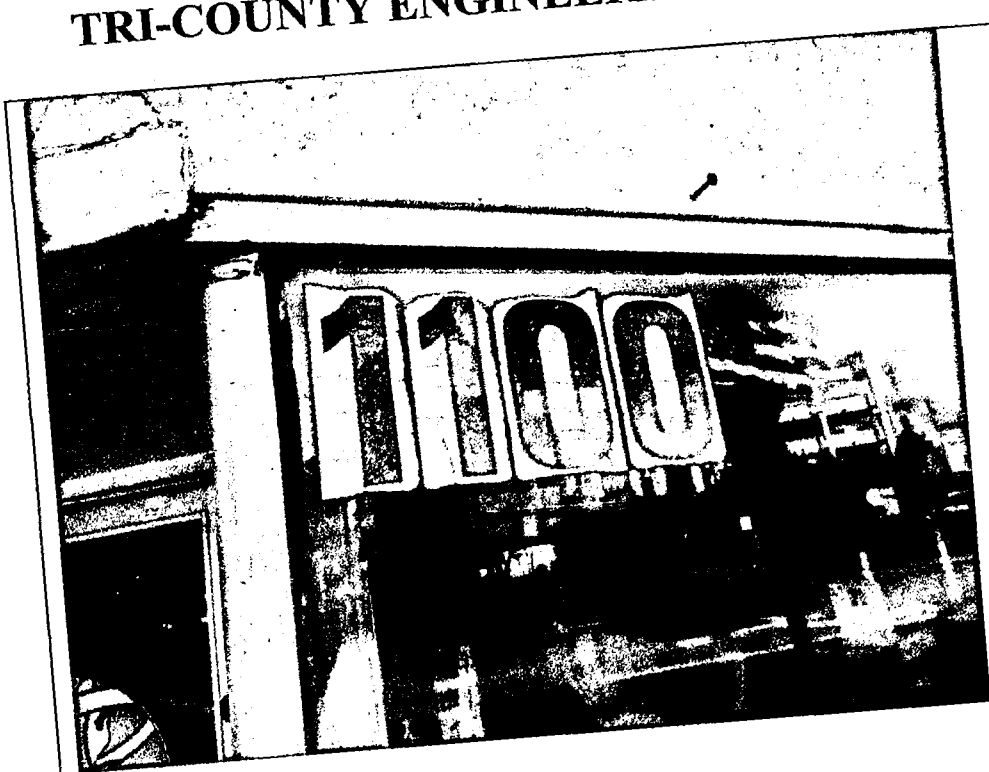




10.63
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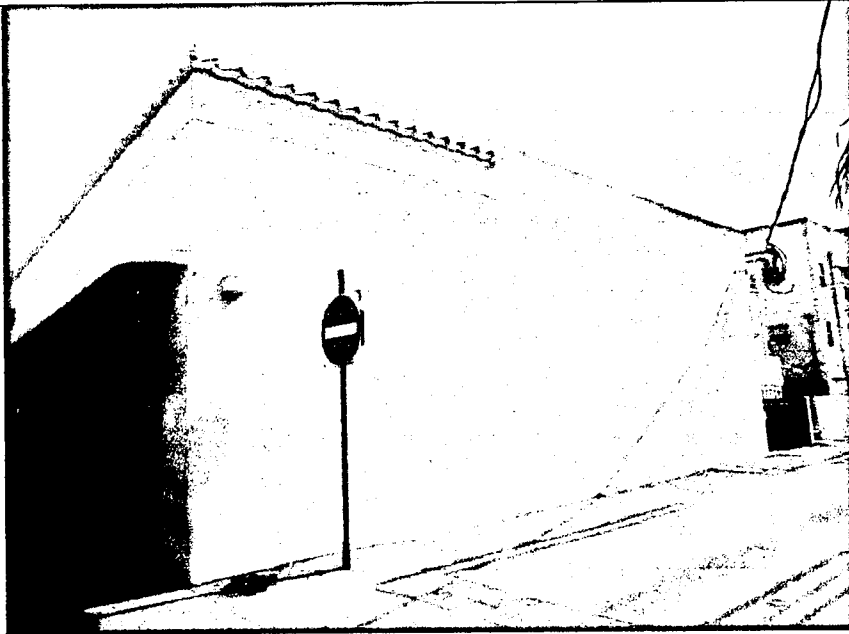
Calculation			
		Summary	Detail
A3 A1 A2		Living Area	Living Area
		First Floor 6722.0	First Floor 6722.0
		Total Living Area 6722.0	A1: $1/2 \times 8.0 \times 7.0 = 28.0$ A2: $8.0 \times 38.0 = 304.0$ A3: $45.0 \times 142.0 = 6390.0$ Total Living Area 6722.0
Grand Total			
Living Area	6722.0		
Garage Area			
Porch Area			
Patio/Deck Area			
Misc. Area			
Basement Area			
Storage Area			
Lot Area			

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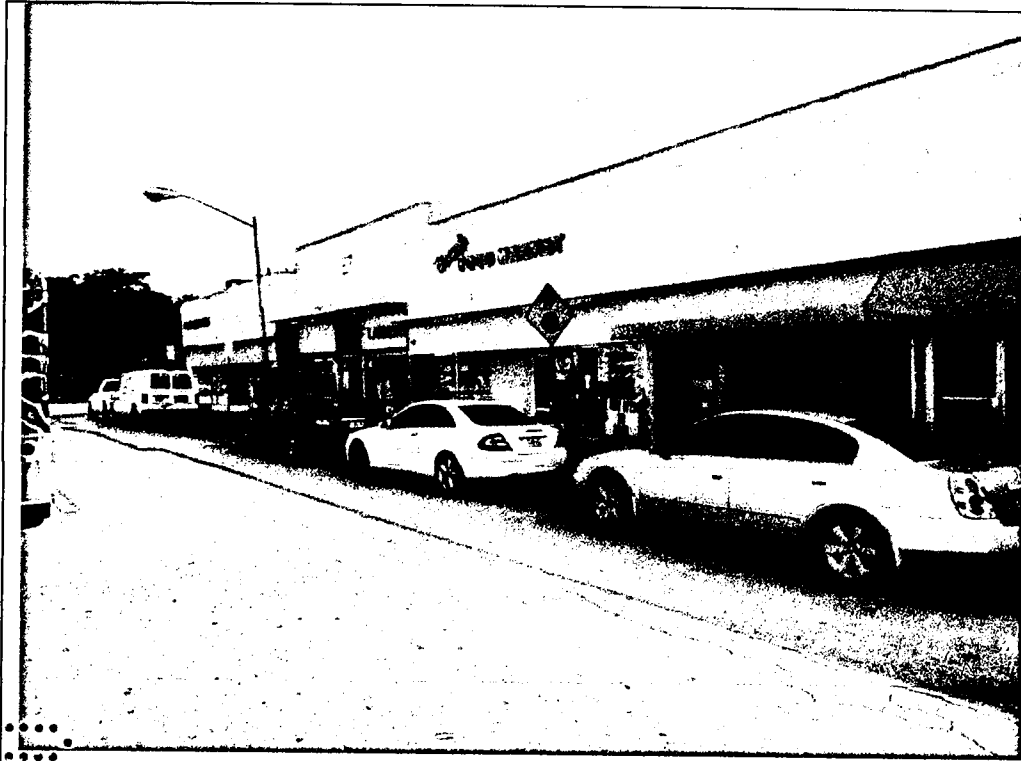


2025

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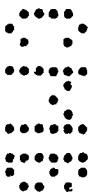
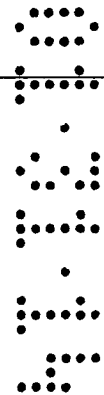
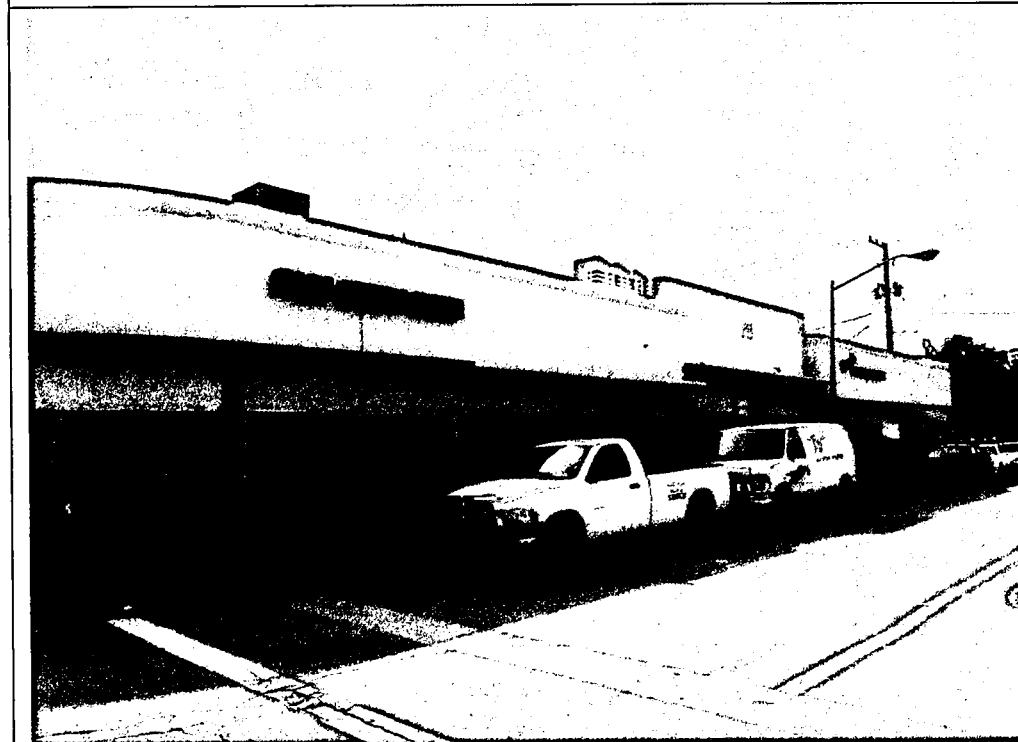
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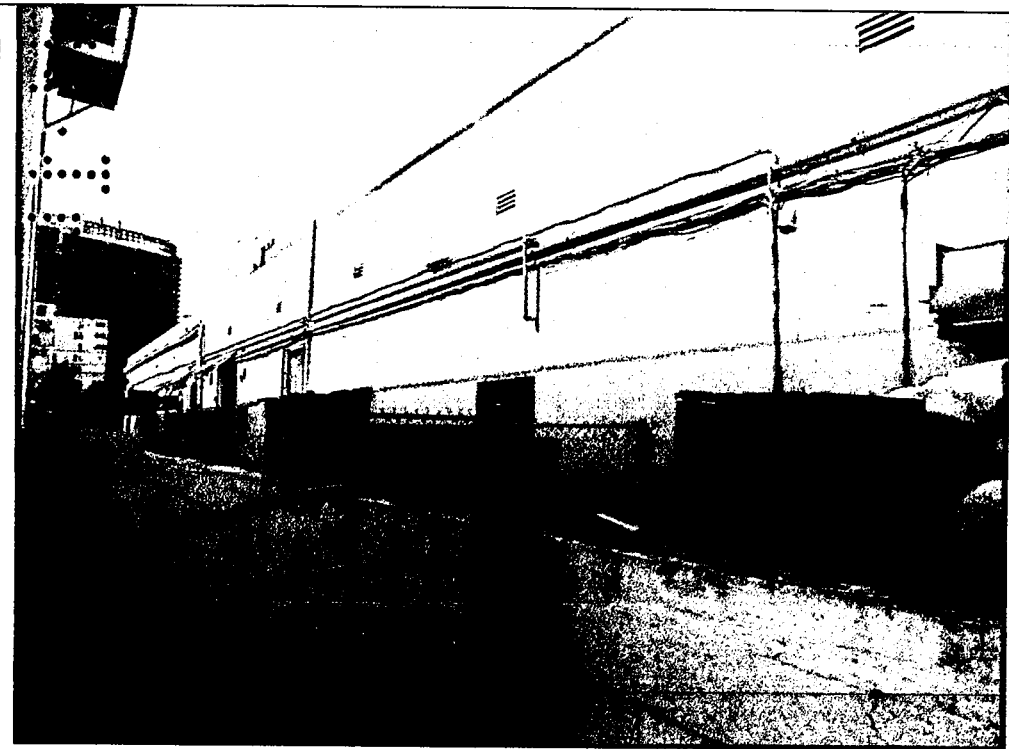
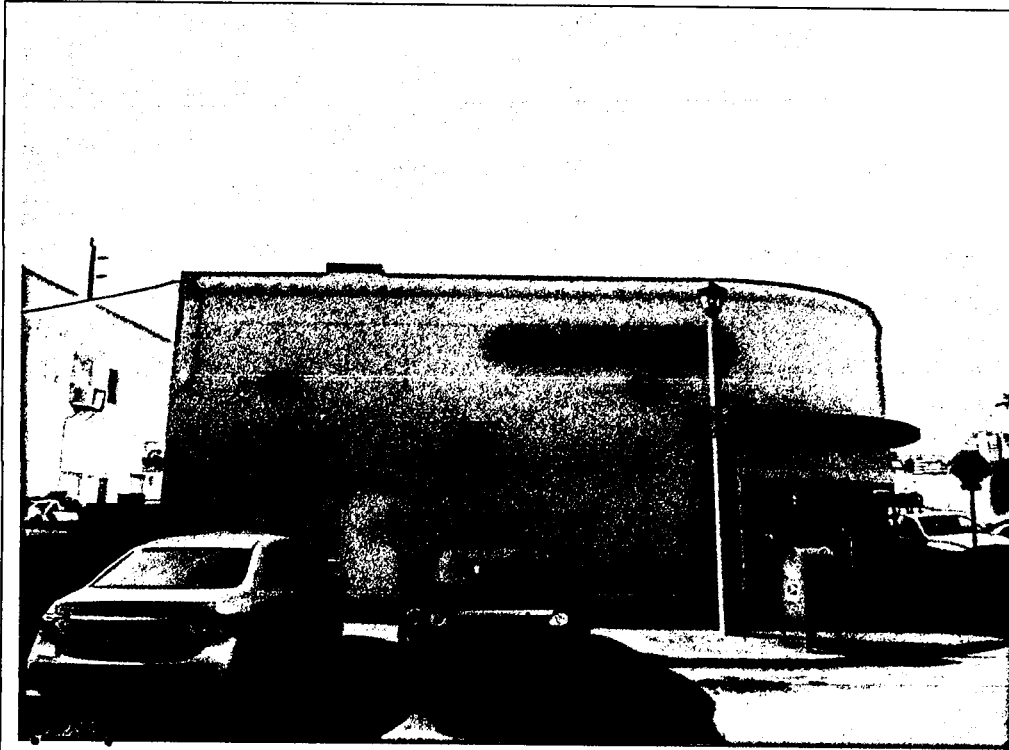
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GENERAL UNDERLYING ASSUMPTIONS

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 RSMean 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, 2nd 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, 2nd 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	
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.	
<i>[Signature]</i> Signature of Owner	
STATE OF FLORIDA COUNTY OF <u>Dade</u>	
Sworn to and Subscribed before me this <u>13</u> day of <u>9</u> 20 <u>14</u>, by:	
[] Personally known [x] Produced Identification - Type of Identification <u>IL</u>	
<i>[Signature]</i> Signature of Notary Public	

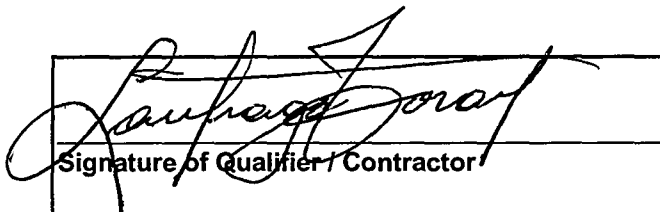




MIAMI BEACH

BUILDING DEPARTMENT

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


Signature of Qualifier/Contractor

STATE OF FLORIDA

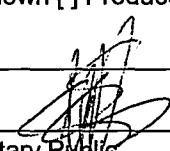
COUNTY OF Dade

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 ⁰⁰ =
B	Over Five Year Improvements	\$	47,000 ⁰⁰ =
C	Total Improvements	\$	137,000 ⁰⁰ =
D	Building Tax Assessed Value	\$	229,116 =
E	Building Appraised Market Value	\$	288,766 =
F	Improvements Cost Ratio (C/E or C/D)	%	47.42%

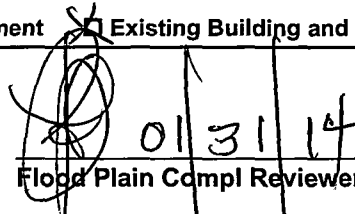
If improvements cost exceed 40% of the Building Tax Value, a building appraised market Value is required for evaluation of Improvement Cost Ratio.

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

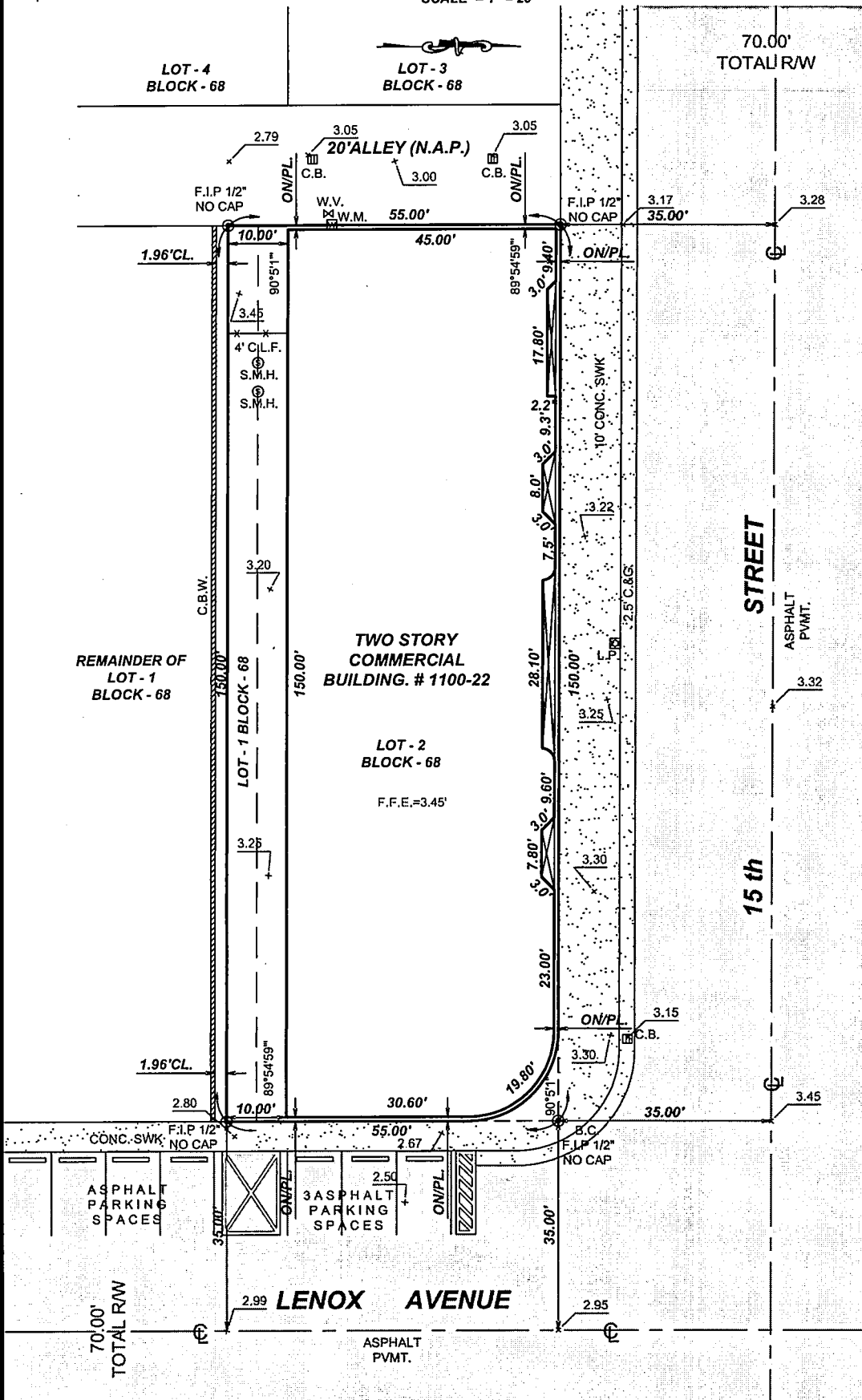
Note: Over \$1,000,000.00 Improvements Cost requires Chief Flood Plan Compliance Division Approval, over \$50,000,000.00 Improvements Cost requires Building Director Approval.

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 72nd 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

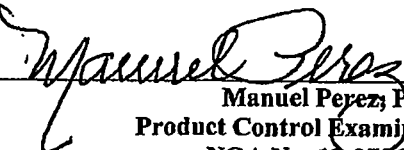
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
5) Large Missile Impact Test per FBC, TAS 201-94
6) Cyclic Wind Pressure 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

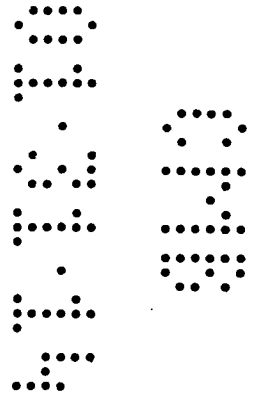
1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **11-0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**"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

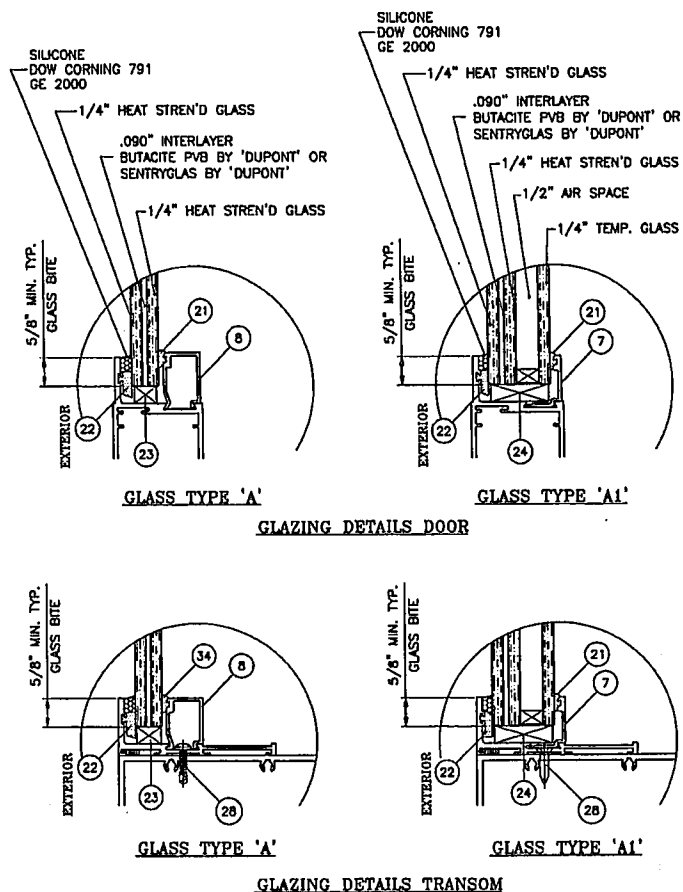
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
12395 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX (305) 262-8978
COMP-ANL\W12-30EN\

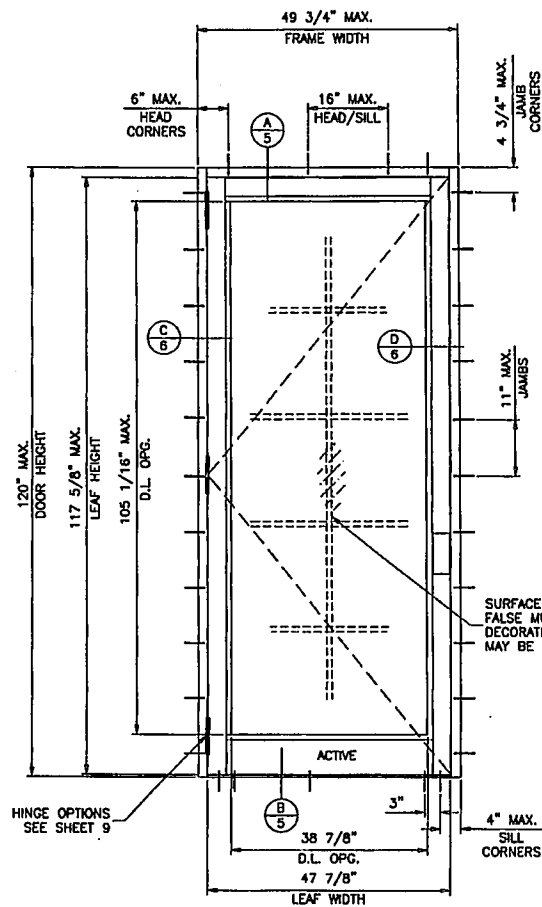
SERIES ENV-350 OUTSWING ENTRANCE DOOR (L.M.I.)
ENVIRALUM INDUSTRIES INC.
5110 N.W. 72 AVENUE BLDG. C
MIAMI, FL. 33166
TEL (786) 251-0204 FAX (305) 385-7749

Revisions:	
NO.	DESCRIPTION
1	REV. PER REVISIONS
2	
3	
4	
5	

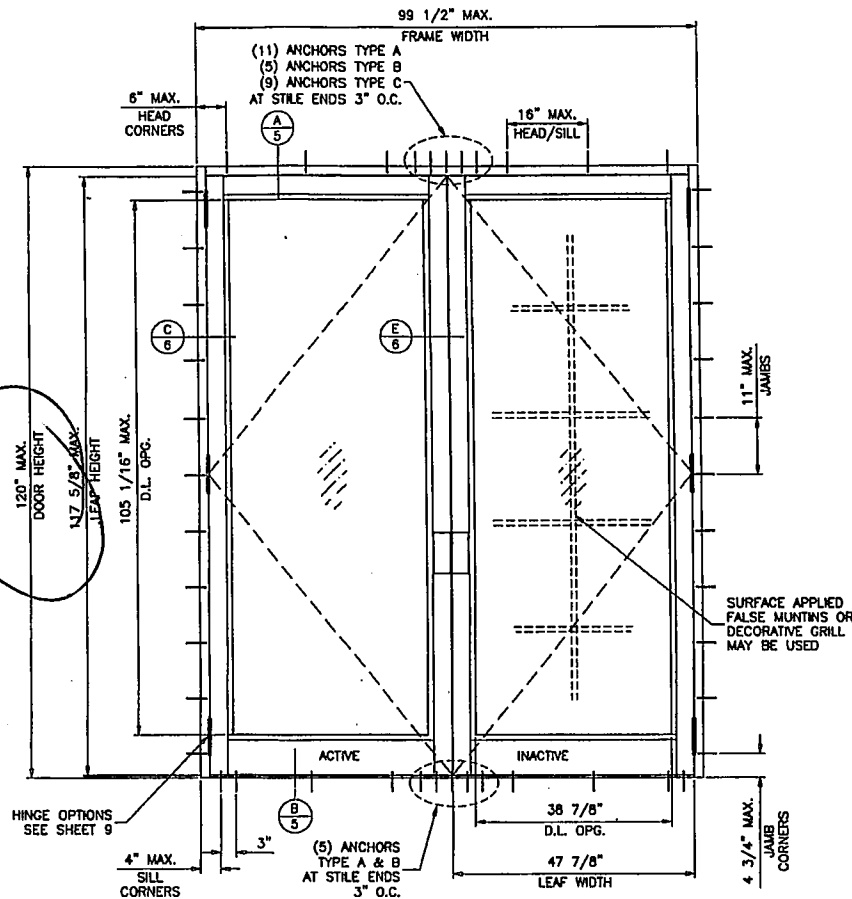
date: 06-08-12
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

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

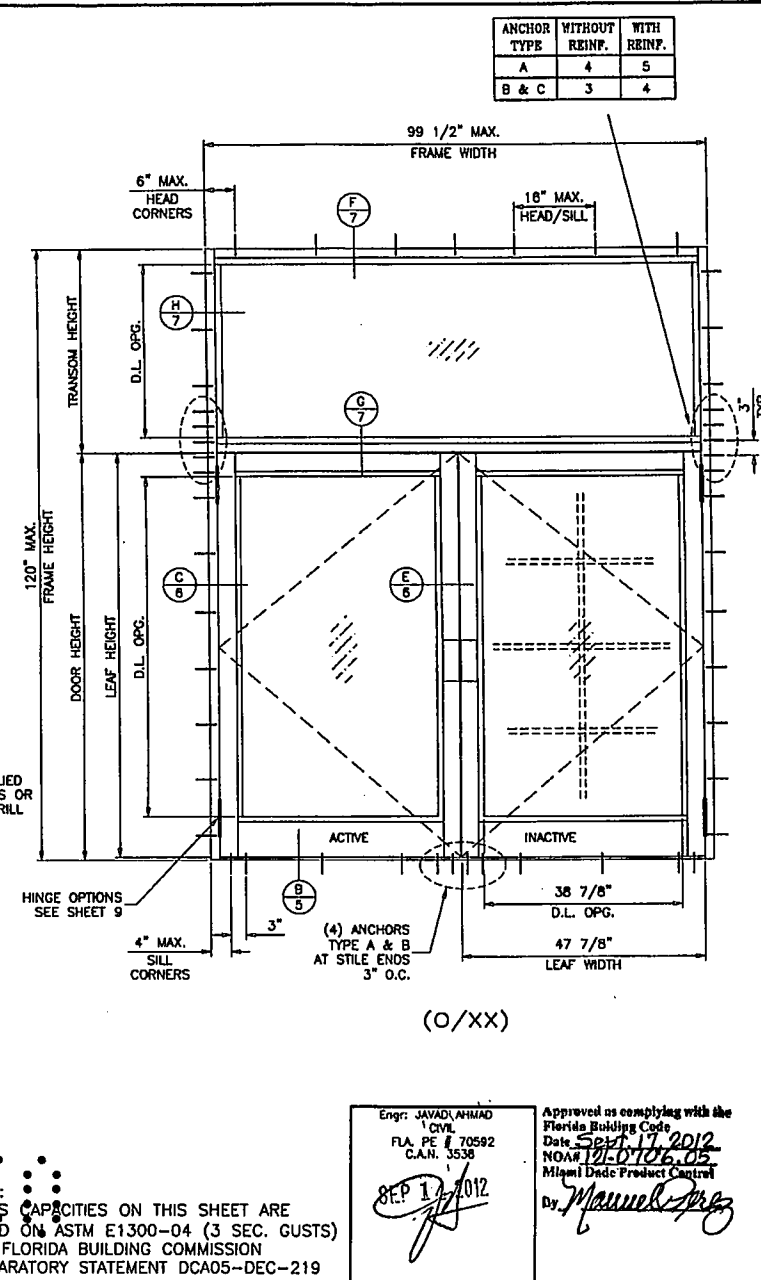
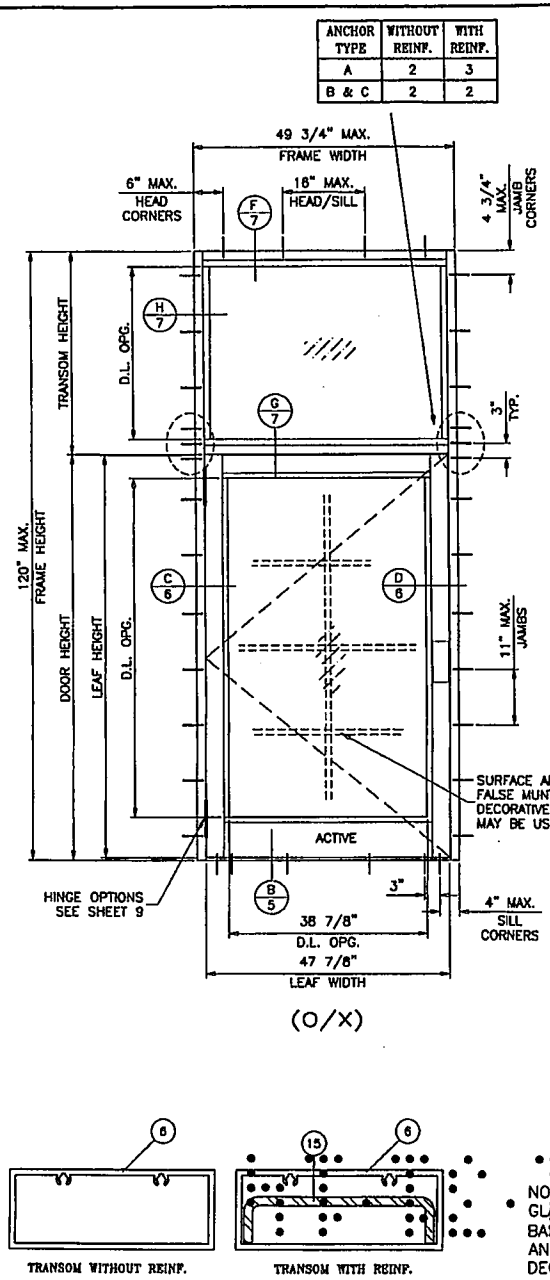
date: 06-08-12
scale: 1/2" = 1'-0"
dr. by: HAMID
chk. by:

drawing no.

W12-30

sheet 2 of 10

SINGLE OR DOUBLE DOORS WITH TRANSOM CAPACITY - PSP NOT APPROVED WHERE WATER INFILTRATION RESISTANCE IS REQUIRED				
FRAME/TRANSOM WIDTH	DOOR HEIGHT	TRANSOM HEIGHT	WITHOUT REINF. EXT.(+) INT.(-)	WITH REINF. EXT.(+) INT.(-)
37-3/4" (X)	75-1/2" (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" (X)	81-1/2" (XX)	24"	60.6	75.0
		30"	56.5	75.0
		36"	52.9	75.0
		40"	50.7	75.0
		24"	52.9	75.0
		30"	49.3	75.0
		36"	46.0	75.0
		24"	75.0	75.0
		30"	75.0	75.0
		36"	75.0	75.0
		40"	73.8	75.0
		36"	69.4	75.0
43-3/4" (X)	87-1/2" (XX)	24"	67.4	75.0
		30"	63.2	75.0
		36"	59.3	75.0
		40"	58.3	75.0
		30"	54.6	75.0
		36"	51.2	75.0
		40"	50.9	75.0
		30"	47.5	75.0
		36"	44.5	73.8
		24"	75.0	75.0
		30"	75.0	75.0
		36"	74.5	75.0
46-3/4" (X)	93-1/2" (XX)	24"	70.1	75.0
		30"	63.9	75.0
		36"	60.0	75.0
		40"	55.3	75.0
		30"	51.8	75.0
		24"	48.2	75.0
		30"	45.2	73.8
		24"	75.0	75.0
		30"	70.8	75.0
		36"	60.7	75.0
		40"	52.5	75.0
		24"	45.8	73.8



ANCHOR TYPE	WITHOUT REINF.	WITH REINF.
A	2	3
B & C	2	2

ANCHOR TYPE	WITHOUT REINF.	WITH REINF.
A	4	5
B & C	3	4

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
SEP 17 2012

Approved as complying with the
Florida Building Code
Date: SEP 17 2012
NOAR 191060605
Miami Dade Product Control
By: Manuel Perez

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
12335 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL: (305) 262-6978
FAX: (305) 264-8300
COMP-ANL W12-30ENV

SERIES EW-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) 365-7749

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

LOCK OPTIONS:

STD. 3 POINT LOCK

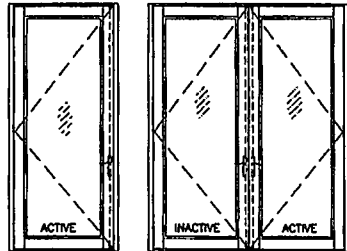
MAX. FRAME HEIGHT = 120 IN.
MAX. LEAF WIDTH = 48 IN.
MAX. DESIGN LOAD = 100 PSF

ACTIVE LEAF:

3 POINT LOCK SYSTEM BY 'INTERLOCK' AT 39" FROM BOTTOM
HANDLE ACTIVATES DEAD BOLT 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

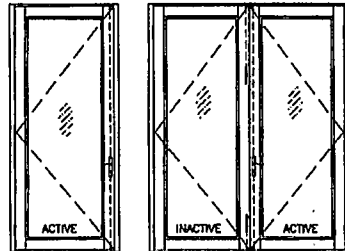
MAX. FRAME HEIGHT = 120 IN.
MAX. LEAF WIDTH = 48 IN.
MAX. DESIGN LOAD = 100 PSF

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

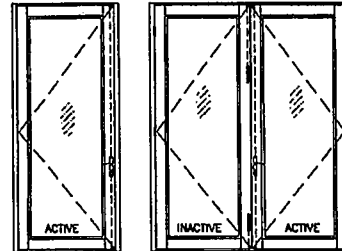
MAX. FRAME HEIGHT = 120 IN.
MAX. LEAF WIDTH = 48 IN.
MAX. DESIGN LOAD = 100 PSF

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



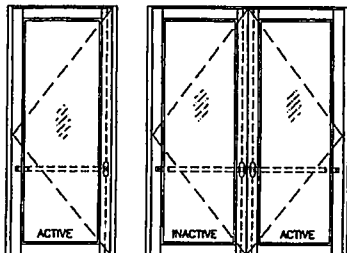
PANIC EXIT DEVICE

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



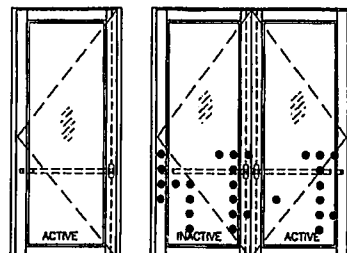
PANIC EXIT DEVICE

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



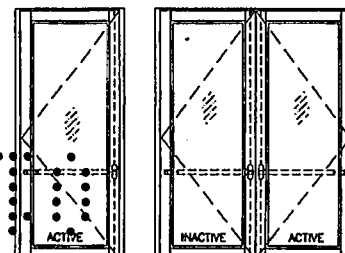
PANIC EXIT DEVICE

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: *Mamun*

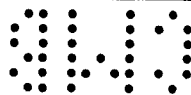
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
12335 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL W12-30ENV

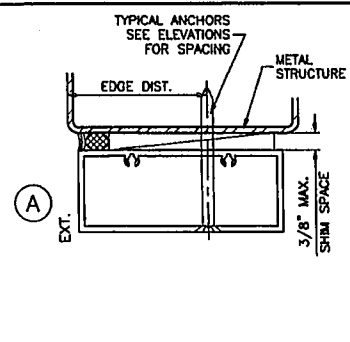
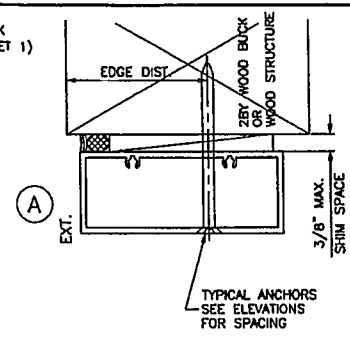
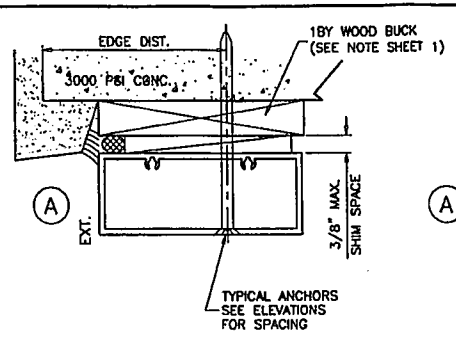
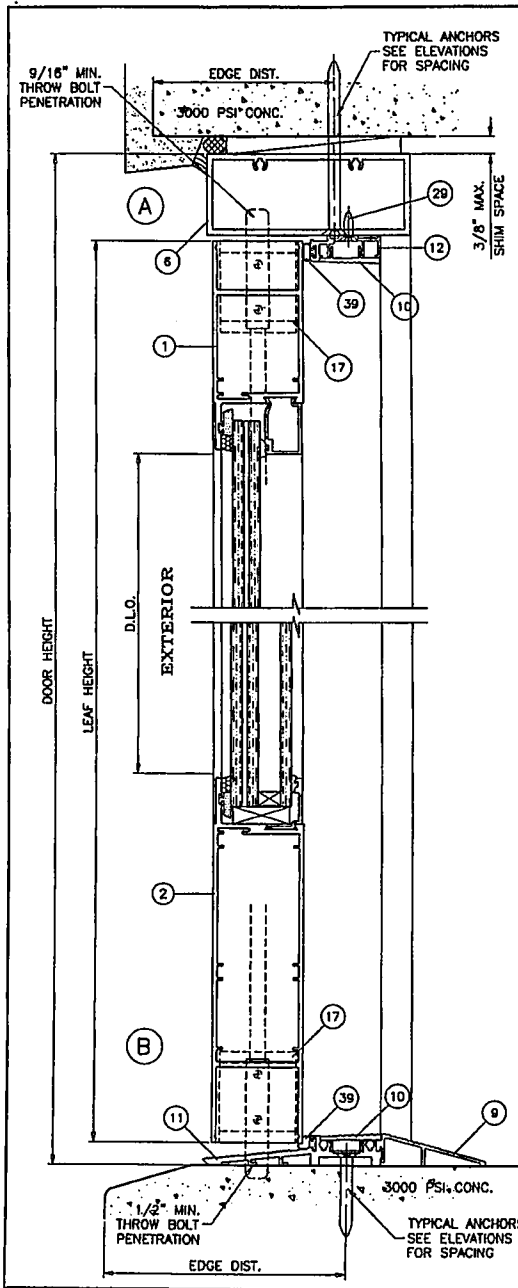
SERIES ENV-350 OUTSWING ENTRANCE DOOR (L.M.I.)
ENVIRALUM INDUSTRIES INC.
5110 N.W. 72 AVENUE BLDG. C
MIAMI, FL 33166
TEL (786) 251-0204 FAX (305) 385-7749

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

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

drawing no.
W12-30
sheet 4 of 10





WOOD BUCKS AND METAL STRUCTURE NOT BY ENVRALUM
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 12-0-106.05
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

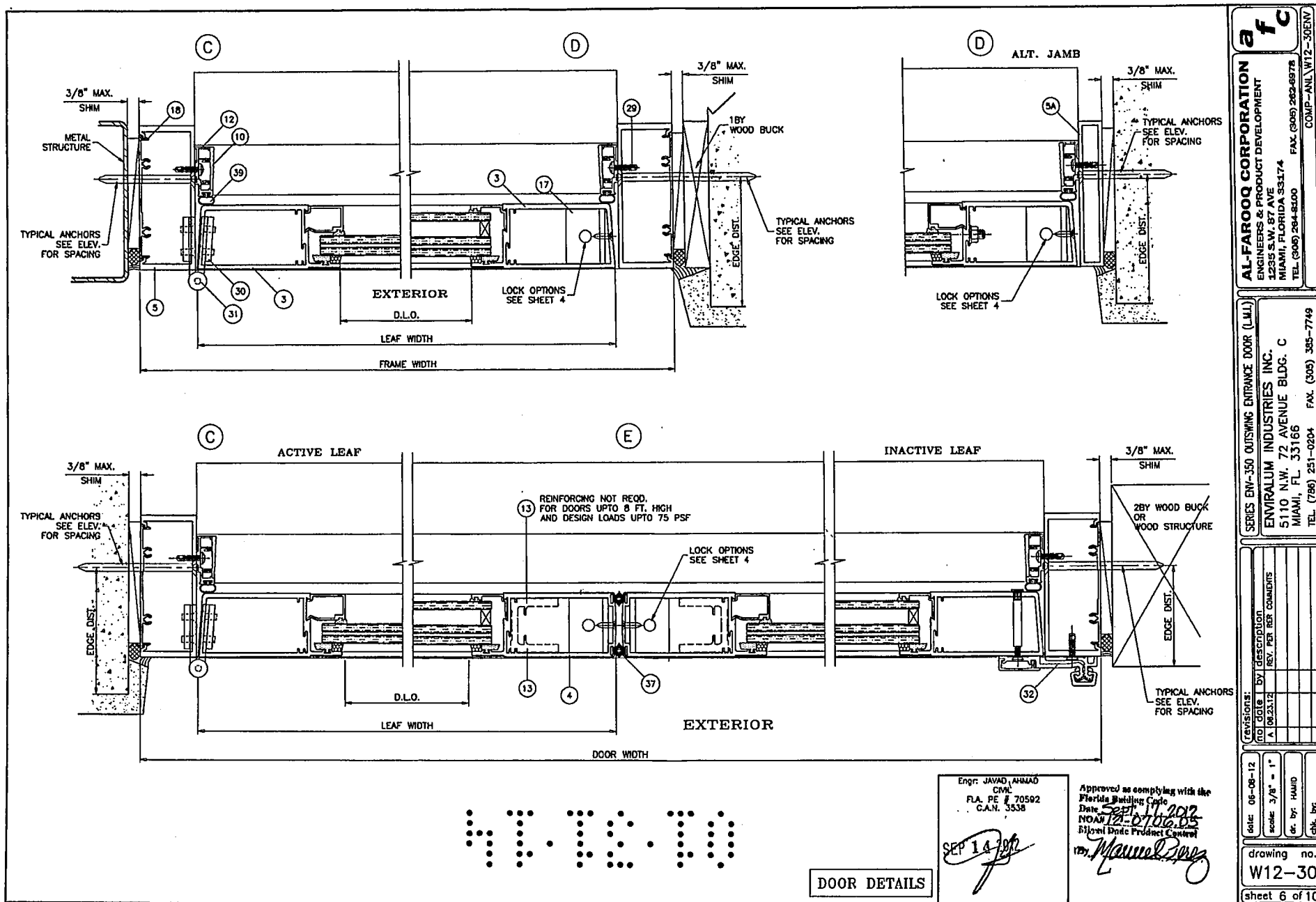
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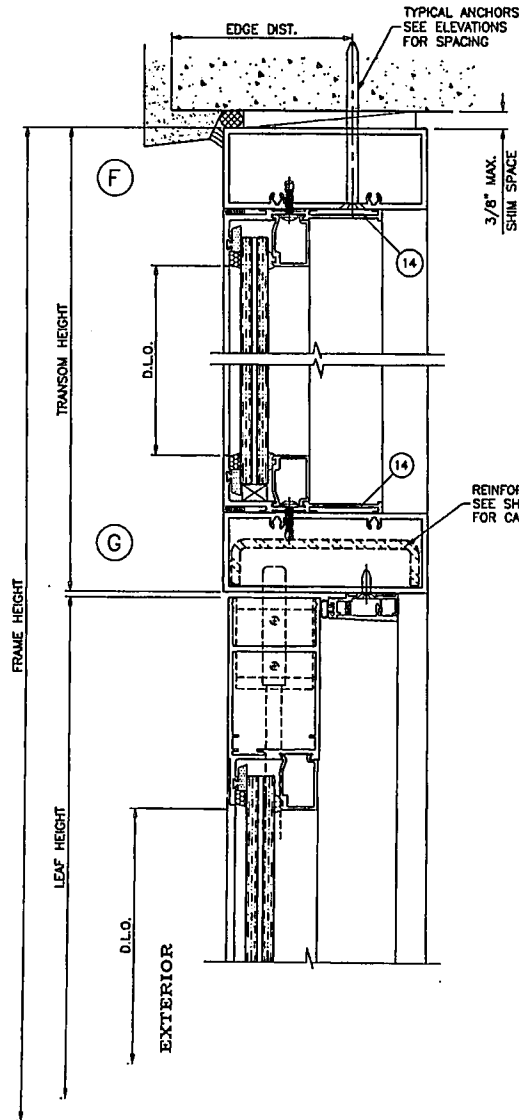
SERIES EN-350 OUTSWING ENTRANCE DOOR (L.M.I.)
ENVRALUM INDUSTRIES INC.
5110 N.W. 72 AVENUE BLDG. C
MIAMI, FL 33166
TEL (786) 231-0204 FAX (305) 385-7749

REVISIONS:
NO. 001.01 BY DESCRIPTION
A 08/23/12 REV. PER COMMENTS

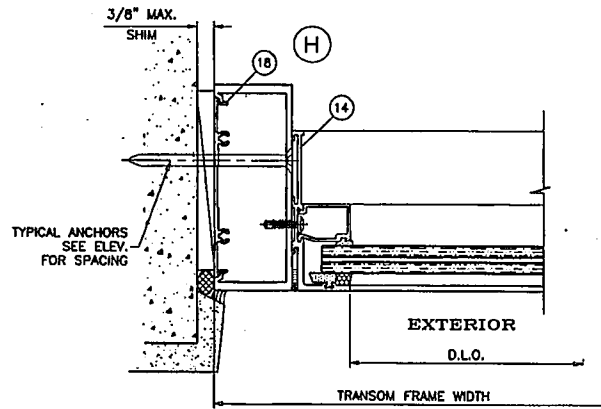
DATE: 06-08-12
SCALE: 3/8" = 1"
D. BY: HAJID
CHK. BY:

DRAWING NO.
W12-30
SHEET 5 OF 10





REINFORCING AS REQD.
SEE SHEET 3
FOR CAPACITY



41.12.10

040

TRANSOM DETAILS

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

SEP 14 2012

Approved as complying with the
Florida Building Code
Date: SEP 14 2012
NOAA 0106.05
Miami Dade Product Control
By: Muhammad

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 W12-30ENV

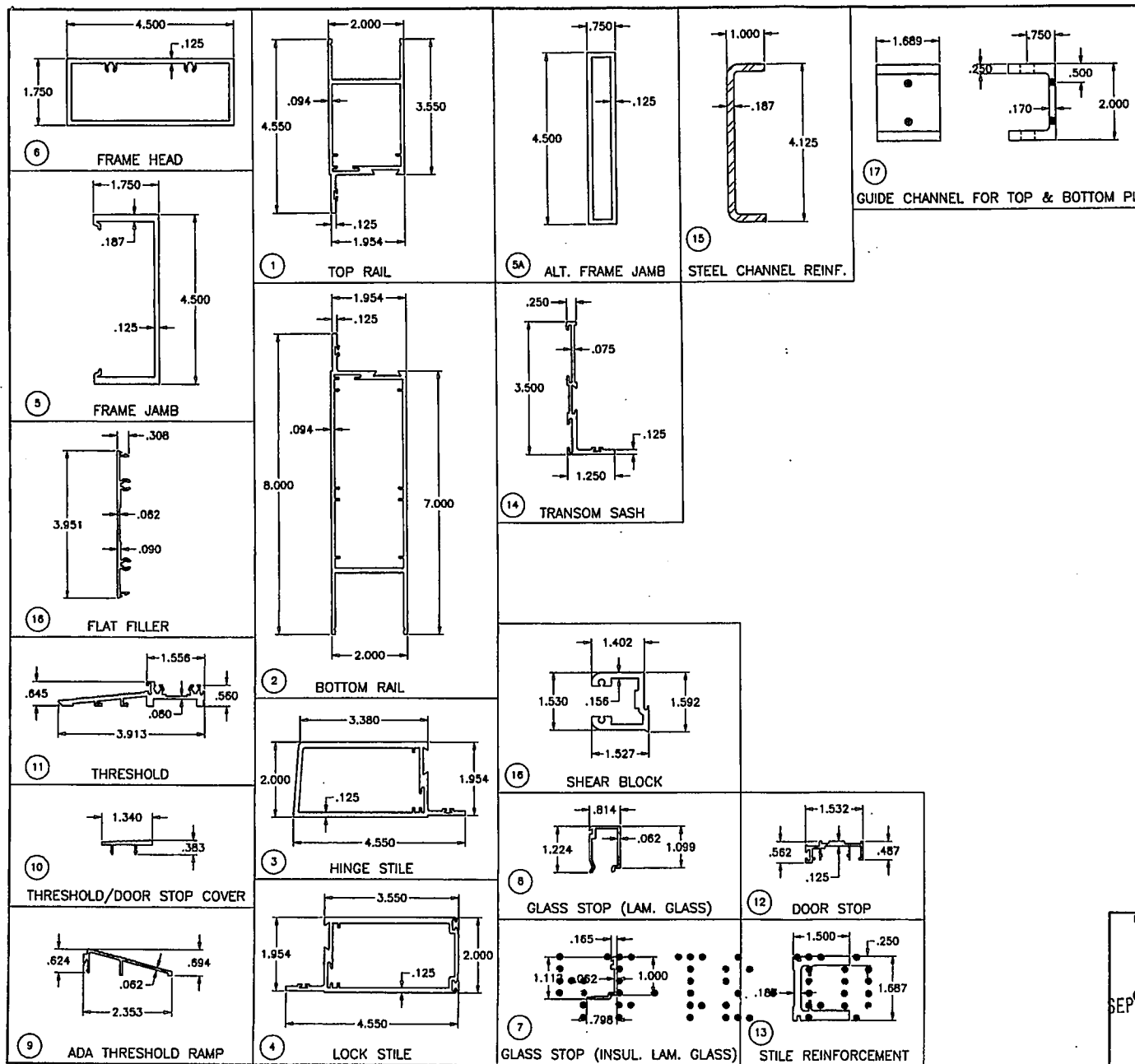
SERIES ENV-350 OUTSWING ENTRANCE DOOR (L.M.I.)
ENVIRALUM INDUSTRIES INC.
5110 N.W. 72 AVENUE BLDG. C
MIAMI, FL. 33166
TEL (786) 251-0204 FAX (305) 385-7749

NO.	DATE	BY	DESCRIPTION
1	06/23/12	A	NO CHANGE THIS SHEET

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 (LUL)

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

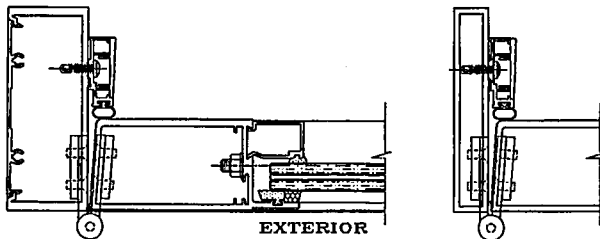
SEP 14 2012

drawing no.
W12-30
sheet 8 of 10

HINGES:

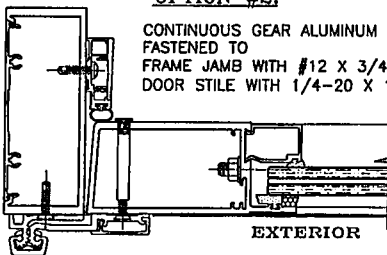
OPTION #1:

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

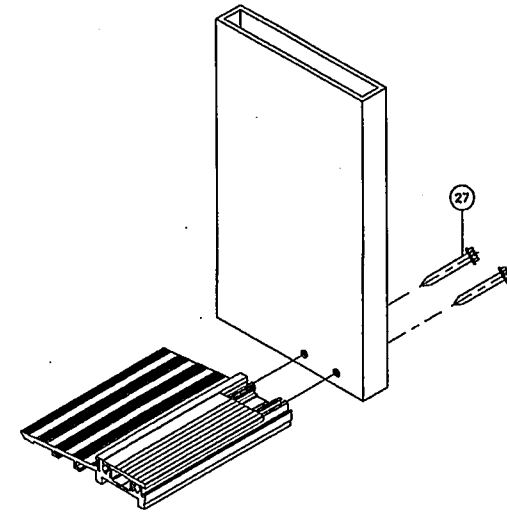
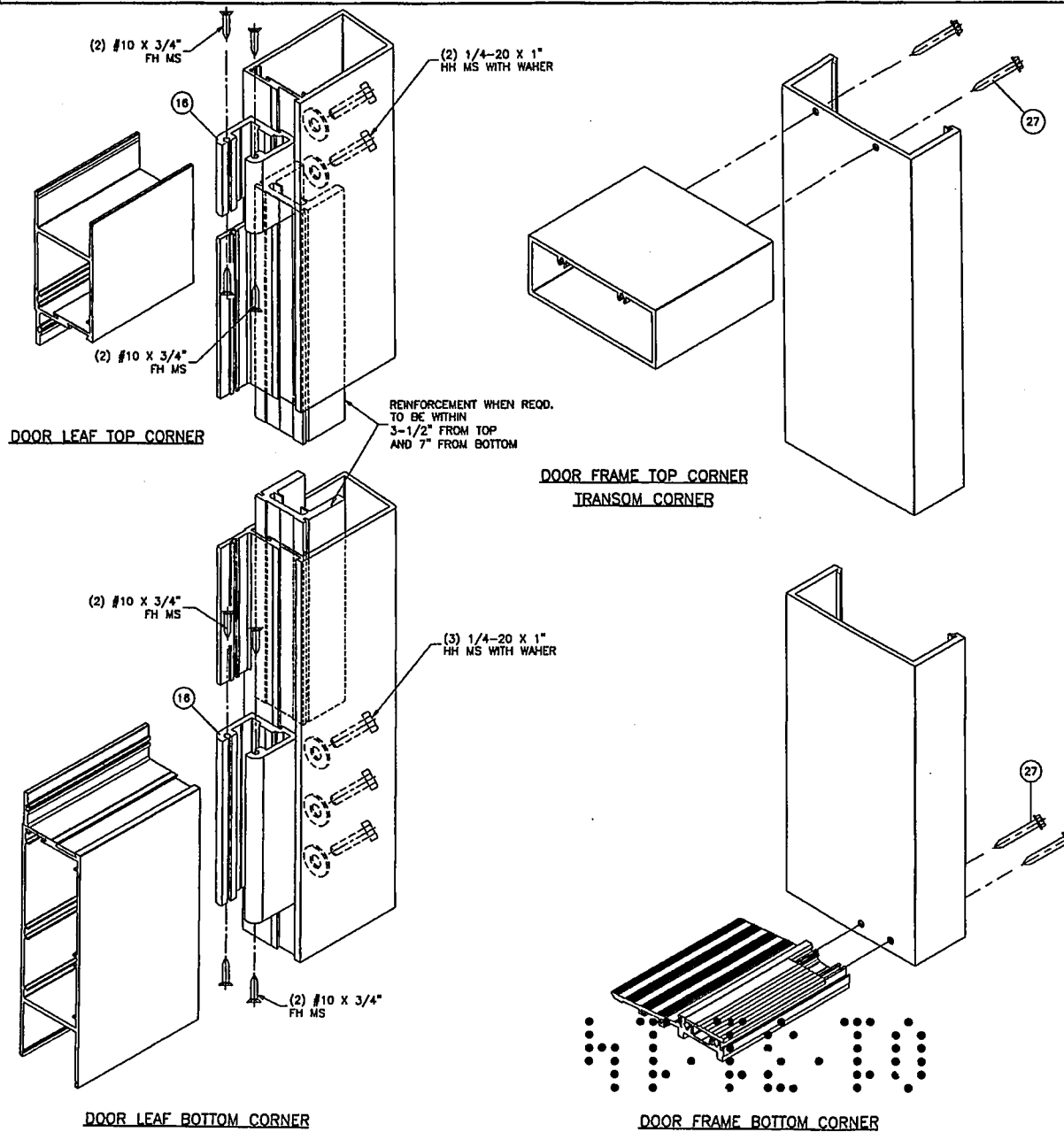
AL-FAROQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL: (305) 284-8100
FAX: (305) 282-8978
COMP-ANL W12-30ENV

SERIES ENV-350 OUTSWING ENTRANCE DOOR (LUL)
ENVIRALUM INDUSTRIES INC. C
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	REV.	REV. PER COMMENTS

date: 06-08-12
scale: 3/8" = 1"
dr. by: HAMID
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 11 2012
TWOAR 12-0106-05
Miami Data Product Control

By: Manuel J. Jara

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 - AVL 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

REV.	DATE	DESCRIPTION	BY	CHK.
1	08.23.12	REV. PER PER COMMENTS		

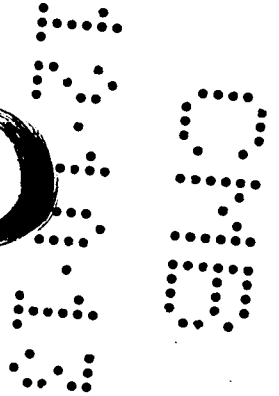
date: 08-08-12
scale: 3/8" = 1"
dr. by: HAMD
chk. by:

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
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

$P_{4pj} =$

51.1

psf

$P_{4nj} =$

-55.4

psf

$P_{5pj} =$

51.1

psf

$P_{5nj} =$

-68.4

psf

FIND DISTANCE "a":

Length of Building (ft):

$L := 45 \text{ ft}$

Width of Building (ft):

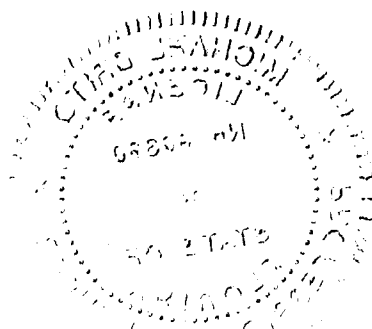
$w := 150 \text{ ft}$

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

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

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 = ± 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 ± 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

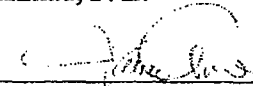
1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 11-0720.10)
2. Drawing No. W11-40, titled "Series MG-500 Alum Outswing French Door (L.M.I.)", sheets 1 through 10.1 of 11, dated 07/20/11, prepared by AL-Farooq Corporation, with revision "A" dated 03/29/12, signed and sealed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

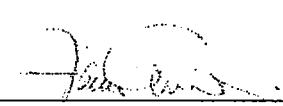
1. Notice of Acceptance No. 11-0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont SentryGlas® Interlayer" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. 13-0129.27 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Butacite® PVB Interlayer" dated 04/11/13,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

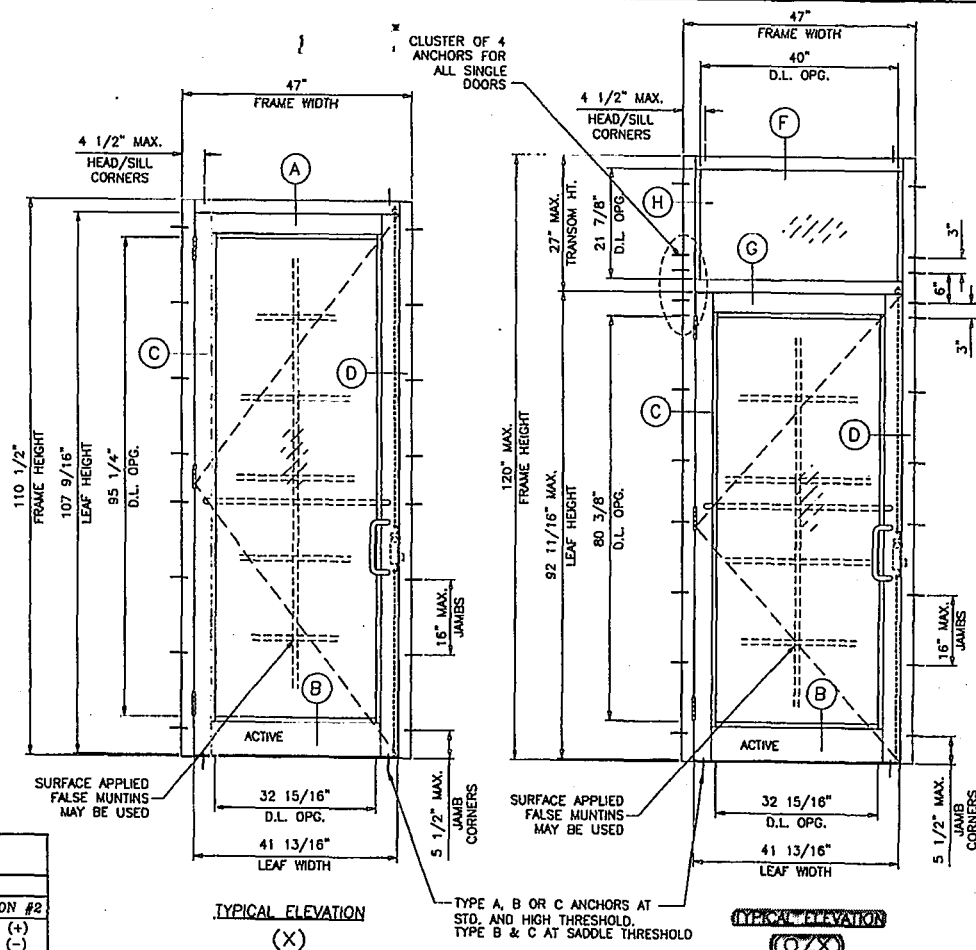
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

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"	80.0	120.0	80.0	90.0	120.0	80.0	120.0	
110-1/2"	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"	102.0	120.0	109.0	120.0	120.0	
47"	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. 16113/2013
By: [Signature] Miami Trade Product Control

- 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 ±90.0 PSF.
THE LOWEST VALUES FROM STEPS 1, 2 AND 3 WILL GOVERN.

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. PE # 70592
C.A.N. 3538
APR 25 2012
By: [Signature] Miami Trade Product Control

PRODUCT RENewed as complying with the Florida Building Code Acceptance No. 16113/2013
By: [Signature] Miami Trade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 262-6975
FAX (305) 262-6975
COMP-ANILW11-40UG

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"
dr. by: HAWO
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 GLASS 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 DOUBLE DOOR WITHOUT TRANSOM (XX) OR WITH TRANSOM (O/XX)									
DOOR DIMS.		GLASS		LOCKS			HINGES		
		TYPE 'A'	TYPE 'B'/'C'	OPTION #1	OPTION #2	OPTION #3	OPTION #1	OPTION #2	
FRAME WIDTH	FRAME HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) 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 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. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) 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

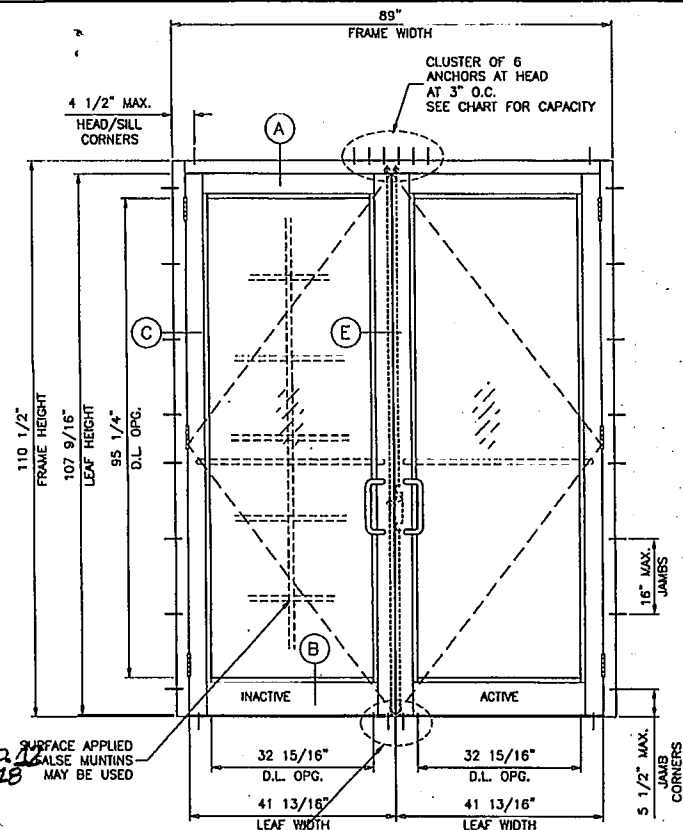
SEE SHEET 3 FOR ANCHOR DESCRIPTION

TABLE #5		HEAD ANCHORS LOAD CAPACITY - PSF 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 'A'	ANCHOR TYPE 'B'	ANCHOR TYPE 'C'	ANCHOR TYPE 'A'	ANCHOR TYPE 'B'	ANCHOR TYPE 'C'	ANCHOR TYPE 'D'	
FRAME WIDTH	FRAME HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
75"	98-1/2"	80.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
89"		89.0	90.0	76.0	90.0	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	90.0	
89"		79.0	90.0	68.0	90.0	90.0	83.0	90.0	90.0	90.0	

SEE SHEET 3 FOR ANCHOR DESCRIPTION

TABLE #5A SADDLE SILL ANCHORS LOAD CAPACITY - PSF SINGLE OR DOUBLE DOORS WITH OR WITHOUT TRANSOMS				
DOOR DIMS.		ANCHOR TYPE 'B'		ANCHOR TYPE 'C'
		EXT. (+) INT. (-)	EXT. (+) 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. 13-082216
Expiration Date 12/13/2018
By: [Signature]
Miami Dade Product Control

ANCHORS AT SILL
CLUSTER OF 4 AT 3\" O.C.
TYPE 'A', 'B' OR 'C' AT STD. & HIGH THRESHOLD
TYPE 'B' OR 'C' AT SADDLE THRESHOLD
HEAD OR SILL ANCHORS MAY CONTROL

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

TYPICAL ELEVATION
(XX)

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

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
12335 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL: (305) 264-8100 FAX: (305) 262-6978
COMP-ANILW11-40UG

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
1	02/28/12	A	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' 1/4" 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.)

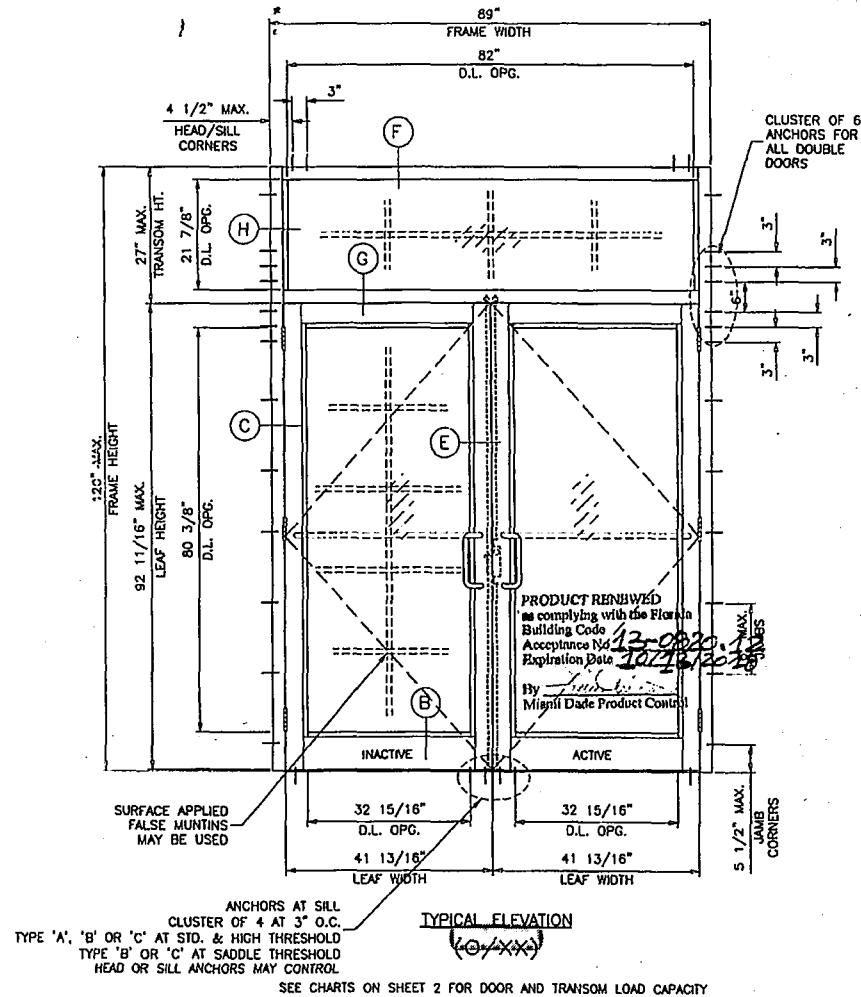
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(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.



PRODUCT REVISIED

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

Engr: JAVAD AHVAD
CML
FLA. REG. # 70592
C.A.N. 3538

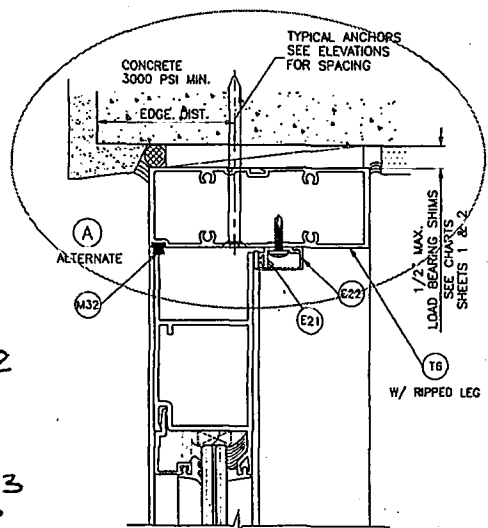
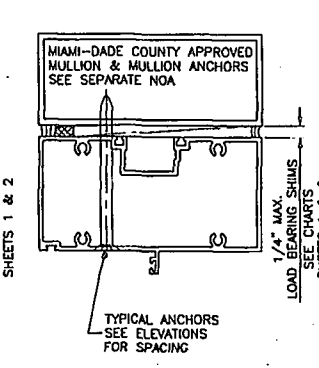
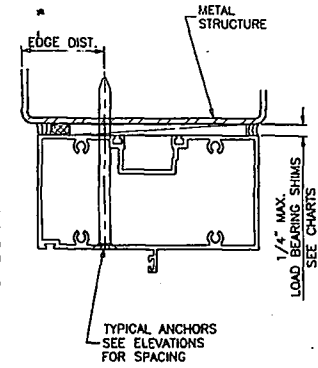
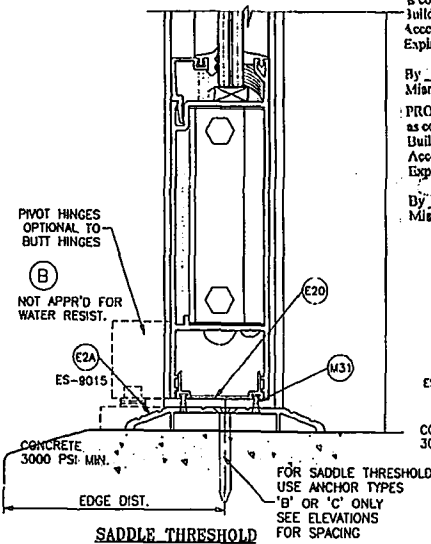
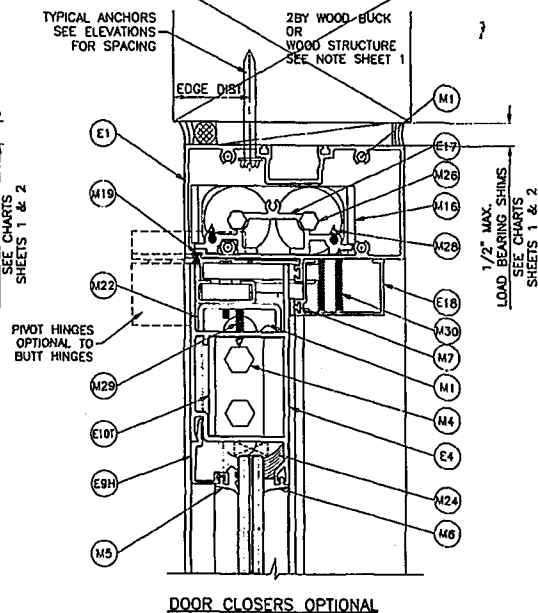
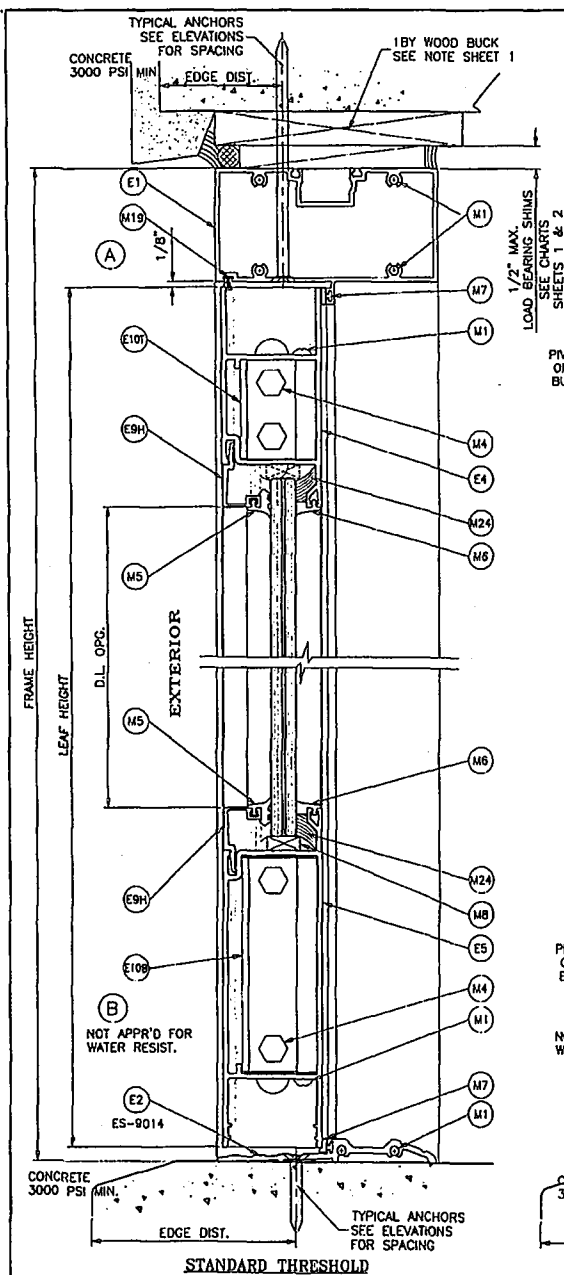
1x OR 2x WOOD BUCKS AND METAL STRUCTURES NOT BY MR. GLASS
MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND
TRANSFER THEM TO THE BUILDING STRUCTURE.

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-40500 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:
Rev. No. 1 BY DESCRIPTION
A 03-29-12 NO CHANGE THIS SHEET
Date: 07-15-11
Scale: 1/2"=1'-0"
Dr. by: HAMID
Chk. by:
drawing no.
W11-40
sheet 3 of 10.1



DOOR HEAD
SERIES-MG5000 FRAME OPTION

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

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

PRODUCT REVISED
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Acceptance No. 12-0517.23
Expiration Date 10/13/2013
By Miami Dade Product Control

HIGH THRESHOLD
SEE SHEET 10.1 FOR DETAILS
AND LIMITATIONS

a f c

AL-FAROOQ CORPORATION
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12395 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 (LM11)

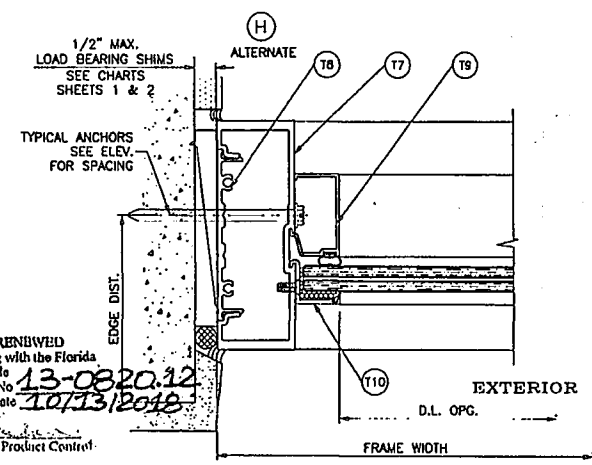
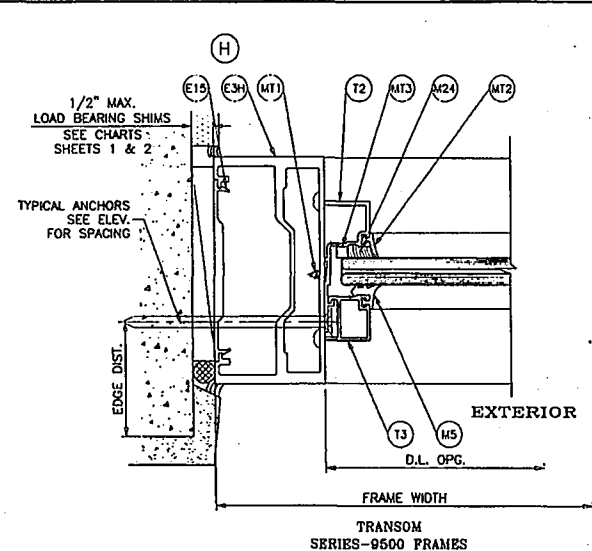
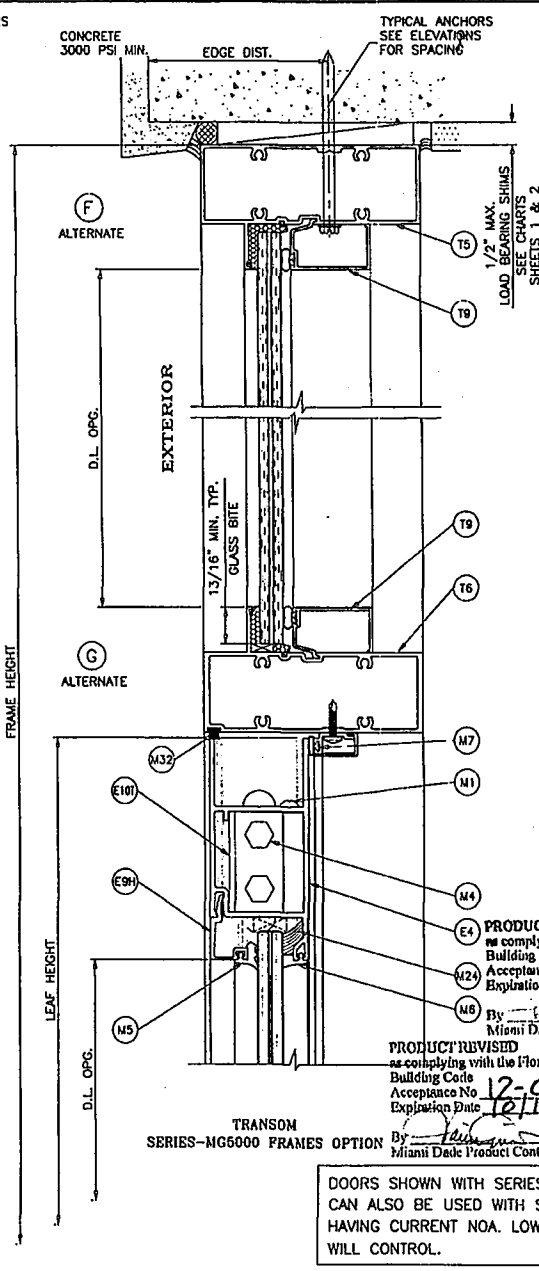
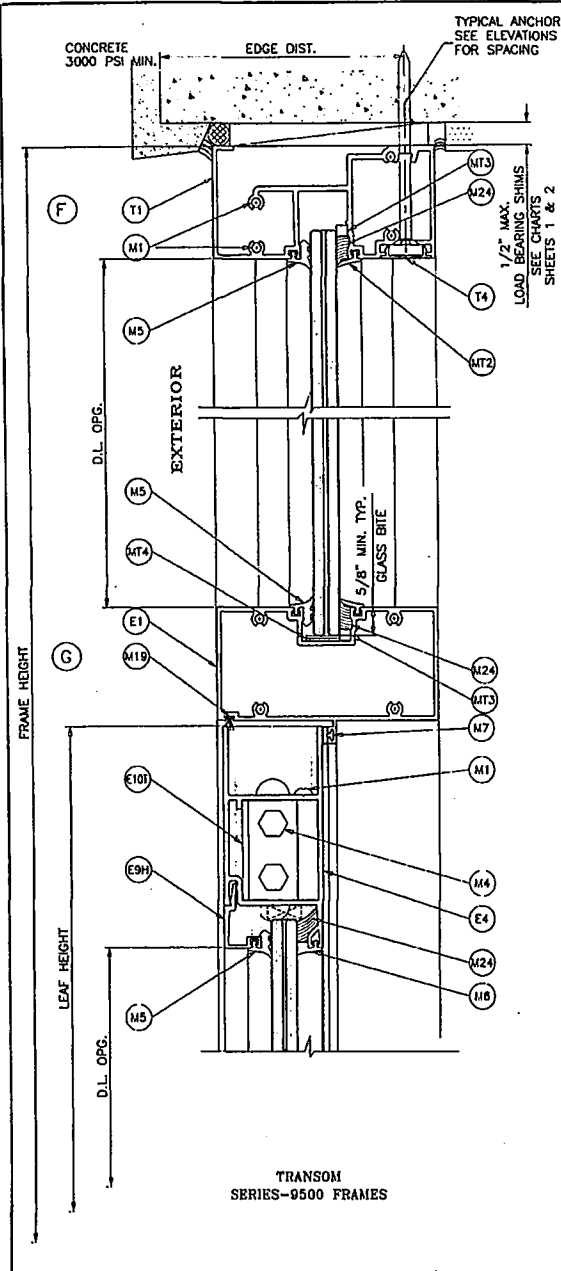
MR. GLASS DOORS & WINDOWS INC.
7440 N.W. 66 STREET
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REV	DATE	DESCRIPTION
1	03/28/12	NO CHANGE THIS SHEET

date: 07-15-11
scale: 3/8" = 1"
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
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COMP - ANL W11-40UG

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

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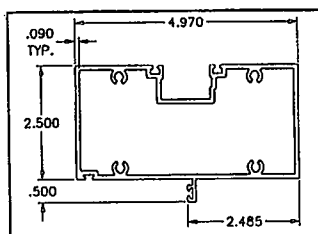
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Revisions:

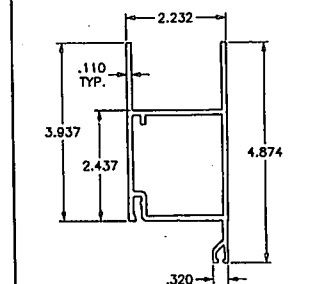
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Chk. by:

Drawing no.
W11-40

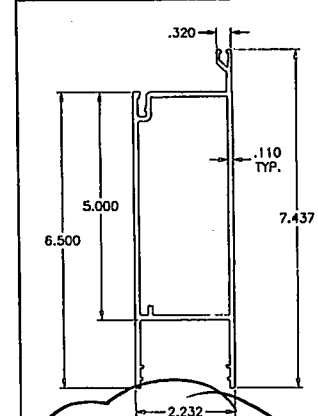
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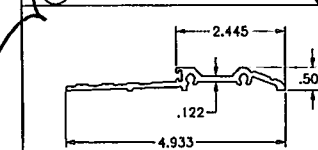
E1 DOOR HEADER Series MG500



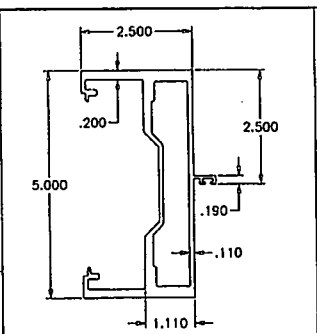
E4 TOP RAIL



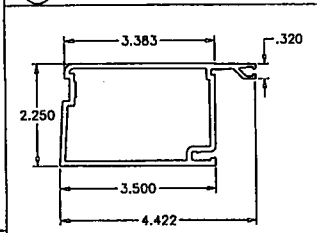
E5 BOTTOM RAIL



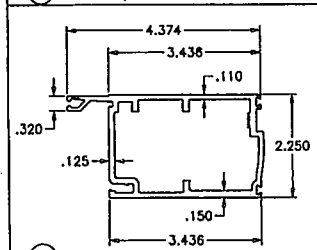
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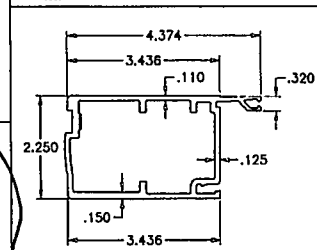
E3 DOOR JAMB Series MG500



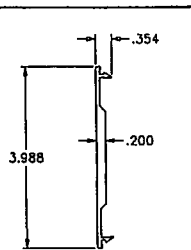
E6 HINGE/LOCK STILE



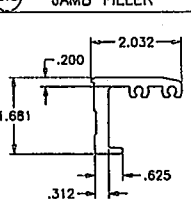
E7 MEETING STILE - INACTIVE LEAF



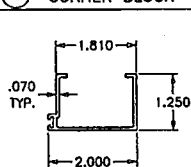
E8 MEETING STILE - ACTIVE LEAF



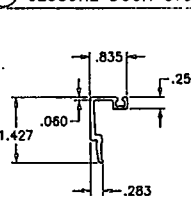
E15 JAMB FILLER



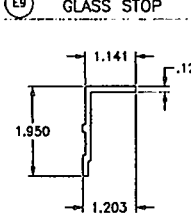
E10 CORNER BLOCK



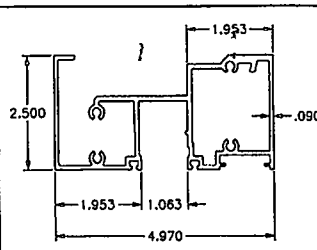
E18 CLOSURE DOOR STOP



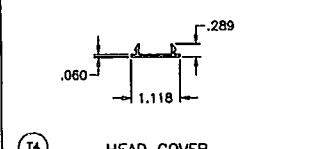
E9 GLASS STOP



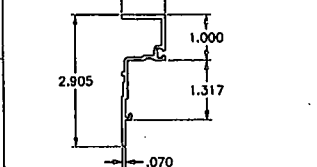
E14 LOCK BACK UP PLATE



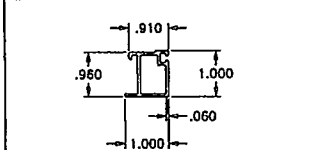
T1 TRANSOM HEADER Series 9500



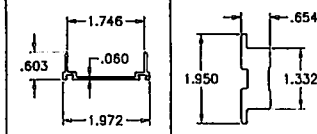
T4 HEAD COVER



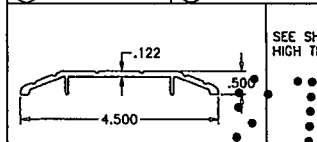
T2 TRANSOM ADAPTER



T3 TRANSOM GLASS STOP



E20 DOOR SWEEP

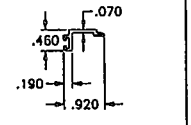


E11 CORNER PLATE

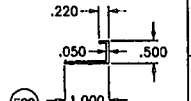


E2A ALTERNATE THRESHOLD ES9015

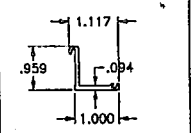
ALTERNATE OPTION (Series S-MG5000)



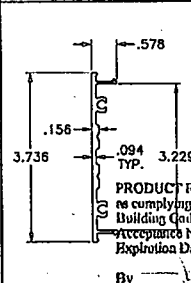
E21 DOOR STOP



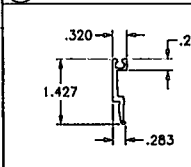
E22 DOOR STOP COVER



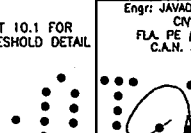
T10 TRANSOM GLAZING ADAPTER



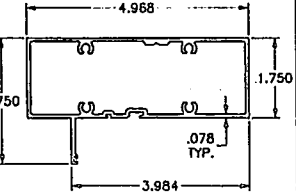
T8 JAMB FILLER S-MG5000



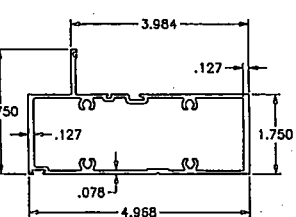
E9 GLASS STOP (INSUL. LAM. GLASS)



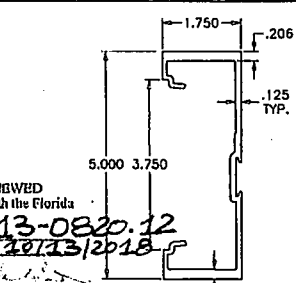
T7 TRANSOM JAMB S-MG5000



T5 TRANSOM HEAD S-MG5000



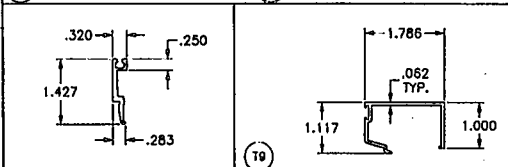
T6 HORIZONTAL AT DOOR S-MG5000



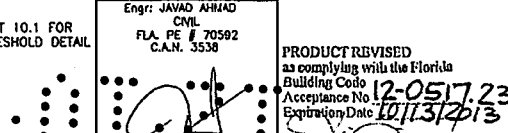
T9 TRANSOM GLASS STOP S-MG5000

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

T8 JAMB FILLER S-MG5000 T7 TRANSOM JAMB S-MG5000



E9 GLASS STOP (INSUL. LAM. GLASS)



T7 TRANSOM JAMB S-MG5000

SEE SHEET 10.1 FOR HIGH THRESHOLD DETAIL

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 Miami Dade Product Control

APR 25 2018

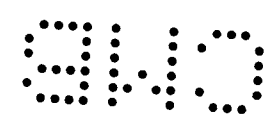
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 262-6978 FAX (305) 262-6978
COMP-ANAL W11-40UG

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
A 04/25/12 NO CHANGE THIS SHEET

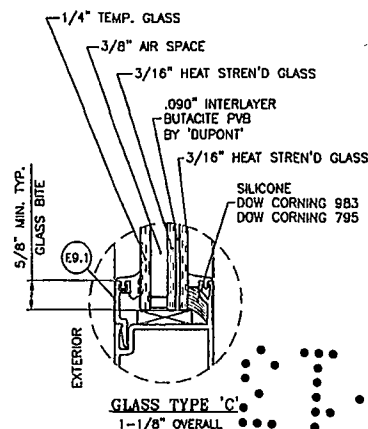
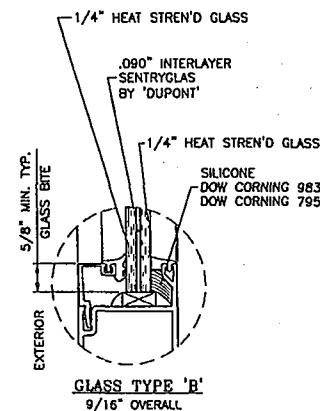
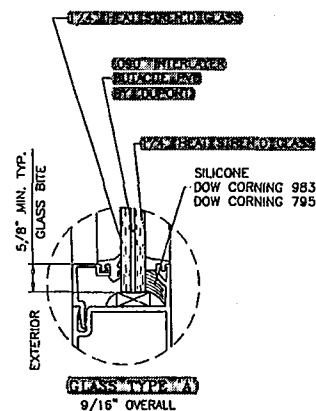
DATE: 07-15-11
SCALE: 3/8" = 1"
BY: HAND
CHK: BY:

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-ANL 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)

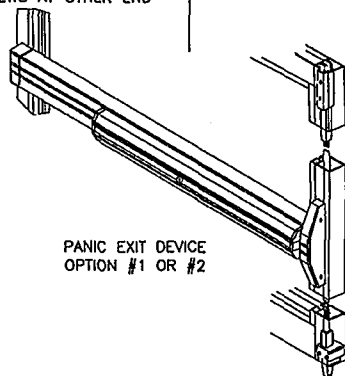
OPTION #1:

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

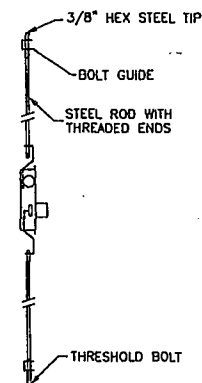
OPTION #3:

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:

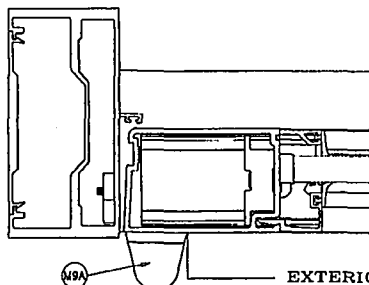
MANUALLY OPERATED TWO POINT LOCK SYSTEM BY 'ADAMS RITE' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE AND A THUMB TURN ON THE INTERIOR, LOCATED AT 40" FROM BOTTOM OF PANEL FASTENED WITH
(2) #8-32 X 1/4" PH MACHINE SCREWS



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

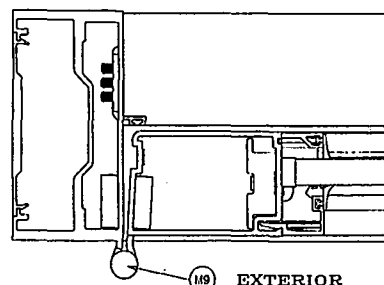
OPTION #1:

- 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

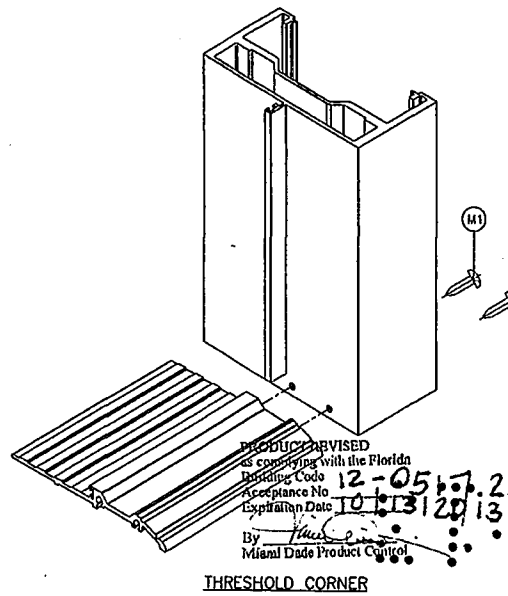
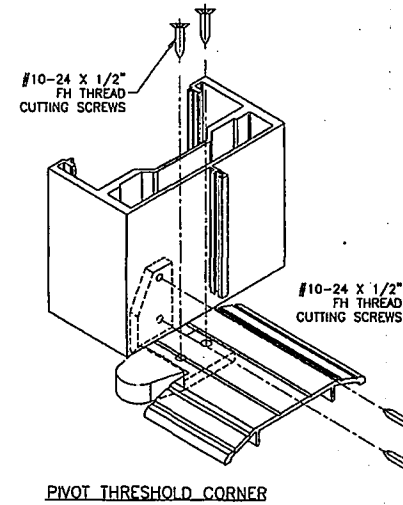
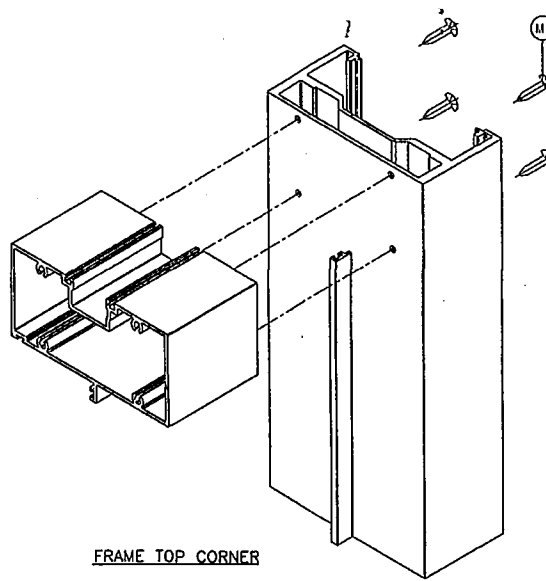
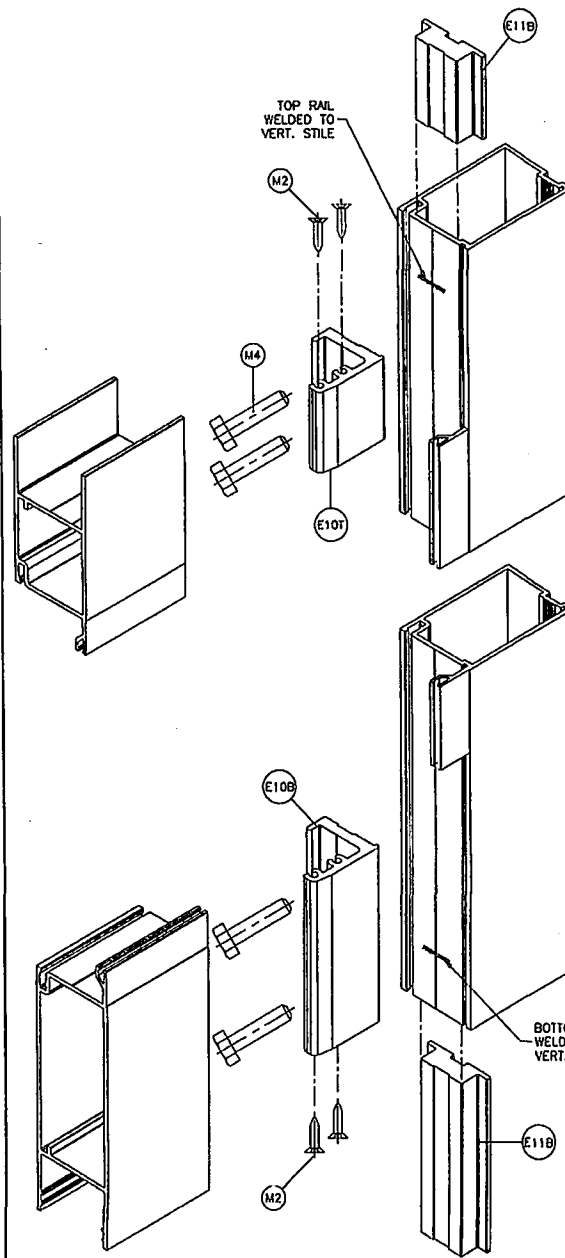
MR. GLASS DOORS & WINDOWS INC.
7440 N.W. 86 STREET
MIAMI, FL. 33156
TEL (305) 470-8284 FAX (305) 470-8285

REVISIONS:	
NO. DATE BY DESCRIPTION	
1 03/24/12 A NO CHANGE THIS SHEET	

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

drawing no.
W11-40

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

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

COMP-ANI-W11-40NG

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

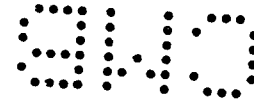
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chk. by:

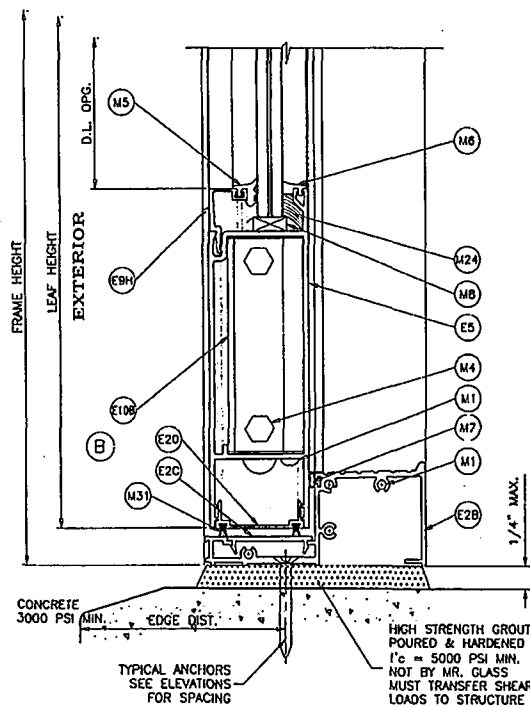
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W11-40

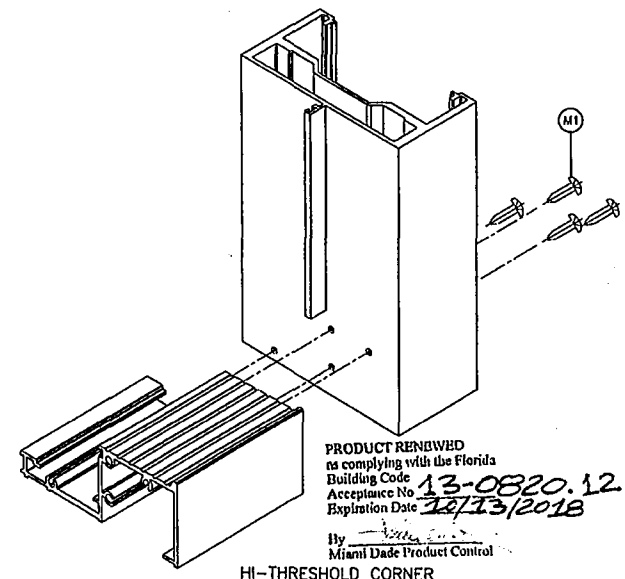
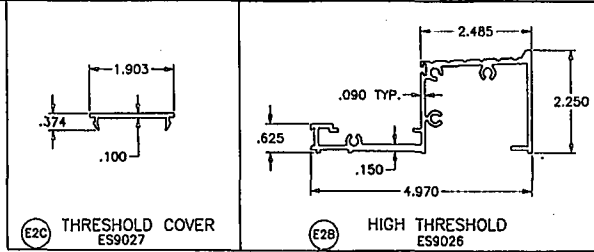
sheet 10 of 10

13-0820-12





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. PE # 70592
 C.A.N. 3538

APR 25 2012

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

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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

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

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

Set: 07-15-11
 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 66th 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

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, 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 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:

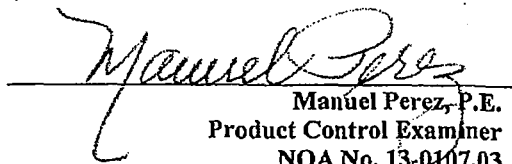
1. Anchor verification calculations and structural analysis, complying with FBC-2004 and FBC 2007, prepared by Al-Farooq Corporation, dated 09/02/08, signed and sealed by Humayoun Farooq, P.E.
(Submitted under previous NOA#11-0720.09)
2. Glazing complies with ASTM E1300-04

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.

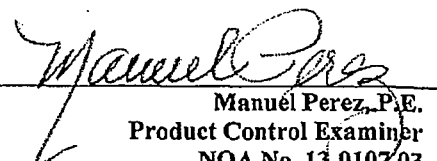
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

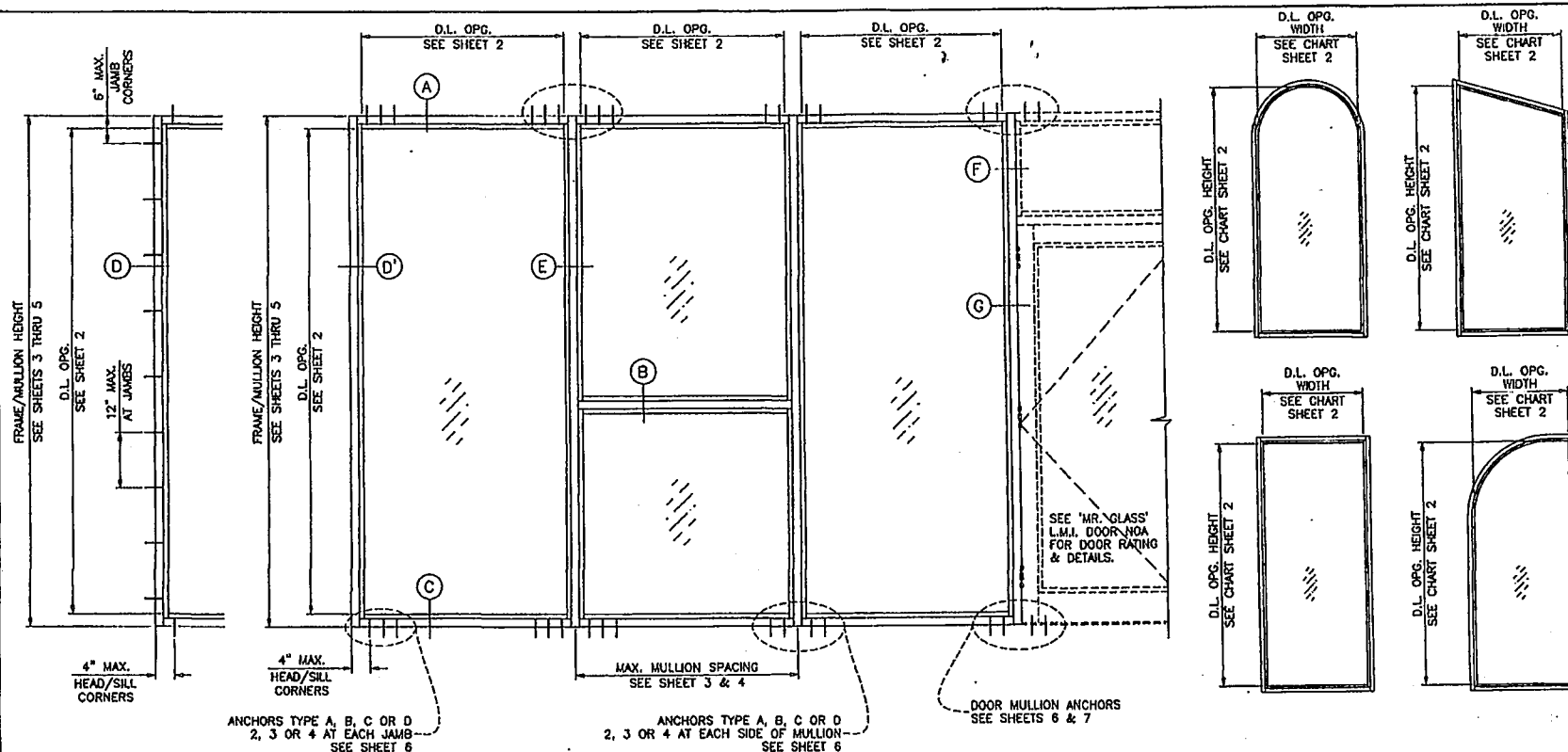
F. STATEMENTS

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

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
12345 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-8978
STORE W11-39KG

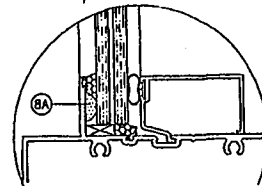
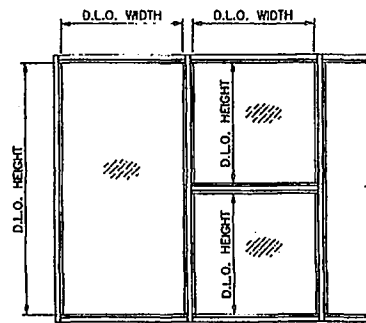
SERIES MG5000 ALUM WINDOW WALL SYSTEM (L.M.I.)
MR. GLASS DOORS & WINDOWS INC.
7440 N.W. 66 STREET
MIAMI, FL 33166
TEL (305) 470-8284 FAX (305) 470-8285

Revisions:	NO	DATE	BY	DESCRIPTION
	1	03/05/12	A	UPDATED TO 2010 FBC
date:	07-15-11			
scale:	1/2"=1'-0"			
dr:	MAN			
chk:				
drawing no.	W11-39			
sheet	1 of 12			

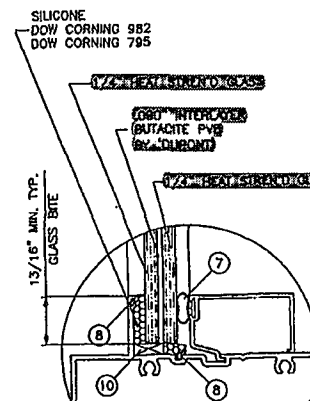
MAR-07-2012

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"	90-1/4"	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

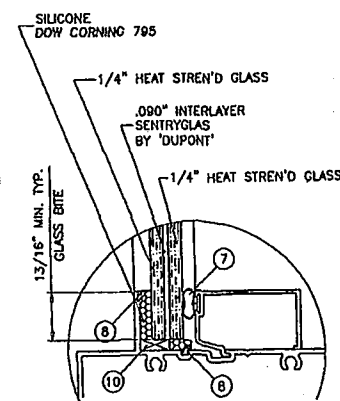
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-04 (3 SEC. GUSTS).



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 *Mamuel J. J...*
Miami Dade Product Control

Engr. JAWAD AHMAD
CIVIL
FLA. PE # 70542-
C.A.H. 3538

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

MAR 07 2012

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 284-8100 FAX. (305) 283-6978
STORE W11-3946

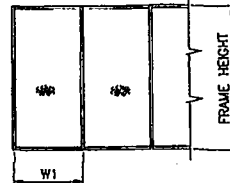
SERIES MCS900 ALUM. WINDOW WALL SYSTEM (L.M.I.)
MR. GLASS DOORS & WINDOWS INC.
7440 N.W. 66 STREET
MIAMI, FL. 33166
TEL. (305) 470-8284 FAX. (305) 470-8285

REVISIONS:
NO. DATE BY DESCRIPTION
1 03/03/12 A 10/03/12
2 07-15-11
3 07-15-11
4 07-15-11
5 07-15-11
6 07-15-11
7 07-15-11
8 07-15-11
9 07-15-11
10 07-15-11

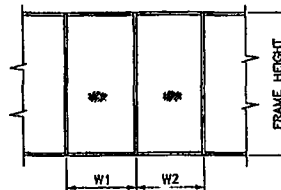
drawing no.
W11-39
sheet 2 of 12

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. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) 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"	81.2	130.0	130.0	130.0
36"		68.8	110.4	113.5	130.0
42"		59.6	95.2	98.3	117.5
46"		53.0	85.2	87.1	104.1

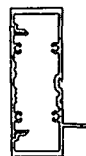
NOTE:
INTERPOLATION BETWEEN WIDTHS ALLOWED.



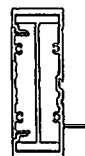
WIDTH (W) = W1
AT FRAME JAMB



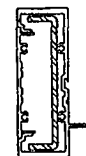
WIDTH (W) = $\frac{W1 + W2}{2}$
AT FRAME MULLION



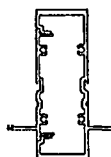
JAMB 'J1'



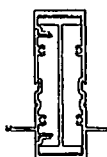
JAMB 'J2'



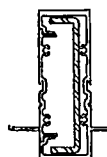
JAMB 'J3'



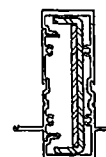
MULLION 'M1'



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 Sosa*
Miami Dade Product Control

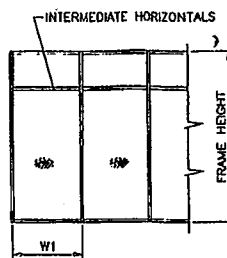
PRODUCT REVISION
as complying with the Florida
Building Code
Acceptance No. 12-0378.06
Expiration Date April 2, 2013
By *Manuel Sosa*
Miami Dade Product Control

AL-FAROQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 2235 S.W. 27 AVE MIAMI, FLORIDA 33174 TEL (305) 264-8100 FAX (305) 262-8978 STORE W11-39MG			
SERIES 45000 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			
REVISIONS: NO. DATE BY DESCRIPTION 1 07-15-11 NO CHANGE THIS SHEET	DATE: 07-15-11 DRAWN BY: HAMD CHECK BY:	drawing no. W11-39 sheet 3 of 12	

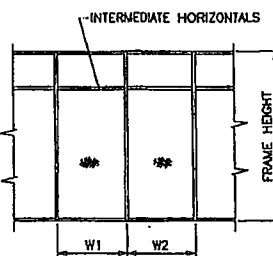
MAR 07 2012,

MULLION LOAD CAPACITY - PSP MULLIONS WITH INTERMEDIATE HORIZONTALS					
NOMINAL DIMS.		JAMB 'J1' MULL 'M1'	JAMB 'J2' MULL 'M2'	JAMB 'J3' MULL 'M3'	JAMB 'J4' MULL 'M4'
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30"	76"	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"	82-1/2"	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"	88"	118.1	130.0	130.0	130.0
60"		108.3	130.0	127.2	130.0
30"	90"	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"		118.0	130.0	130.0	130.0
54"		104.9	130.0	130.0	130.0
60"	96"	94.4	130.0	117.5	130.0
30"		130.0	130.0	130.0	130.0
36"		129.8	130.0	130.0	130.0
42"		111.1	130.0	130.0	130.0
48"		97.2	130.0	129.0	130.0
54"	98-1/2"	86.4	130.0	114.7	130.0
60"		77.8	125.1	103.2	123.4
30"	102"	130.0	130.0	130.0	130.0
36"		120.0	130.0	130.0	130.0
42"		102.8	130.0	130.0	130.0
48"		90.0	130.0	122.8	130.0
54"		80.0	128.7	109.0	130.0
60"	108"	74.5	119.8	101.4	121.2
30"		129.7	130.0	130.0	130.0
36"		109.1	130.0	130.0	130.0
42"		92.8	130.0	130.0	130.0
48"		81.0	130.0	114.3	130.0
54"	110-1/2"	72.0	115.9	101.6	121.4
60"		69.5	111.7	98.0	117.1
30"	108"	109.2	130.0	130.0	130.0
36"		91.0	130.0	130.0	130.0
42"		78.0	125.5	118.5	130.0
48"		68.3	109.8	102.0	121.8
54"		61.8	99.5	92.3	110.4
30"	114"	102.0	130.0	130.0	130.0
36"		85.0	130.0	128.9	130.0
42"		72.8	117.2	111.3	130.0
48"		63.7	102.5	97.4	116.4
54"		58.8	94.6	89.9	107.4
30"	114"	92.9	130.0	130.0	130.0
36"		77.4	124.6	122.0	130.0
42"		60.3	108.7	104.6	125.0
48"		56.0	93.4	91.0	109.4
54"		55.7	89.8	87.8	105.0
30"	120"	79.6	128.1	130.0	130.0
36"		66.4	106.7	110.1	130.0
42"		56.9	91.5	94.4	112.8
48"		49.8	80.1	82.6	98.7

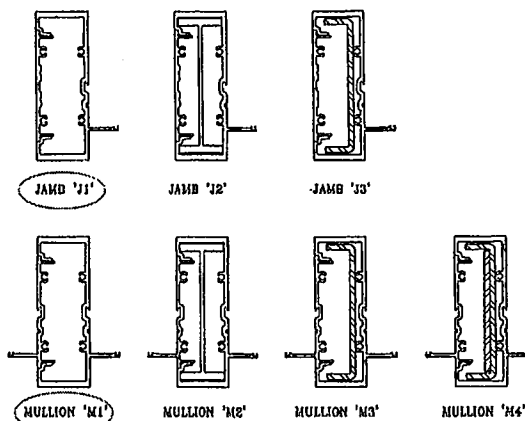
NOTE:
INTERPOLATION BETWEEN WIDTHS ALLOWED.



WIDTH (W) = W1
AT FRAME JAMB



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



MULLIONS

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 13-0107-03
Expiration Date 12/31/2018
By *Mamuel*
Miami Trade Product Control

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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0329-06
Expiration Date 12/31/2013
By *Mamuel*
Miami Trade Product Control

MAR 07 2012

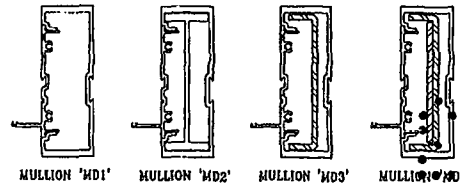
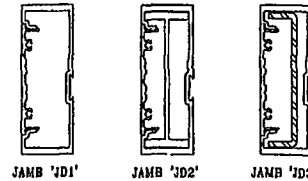
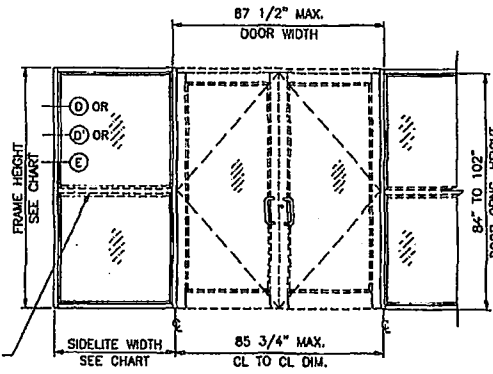
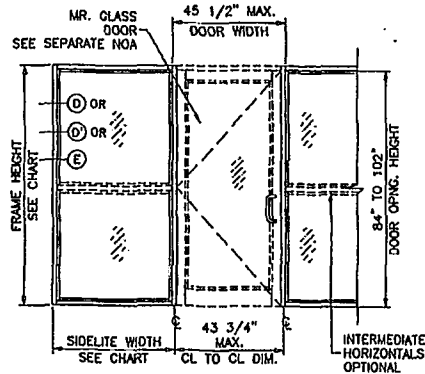
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
12295 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
STORE W11-39US

SPES MCS000 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

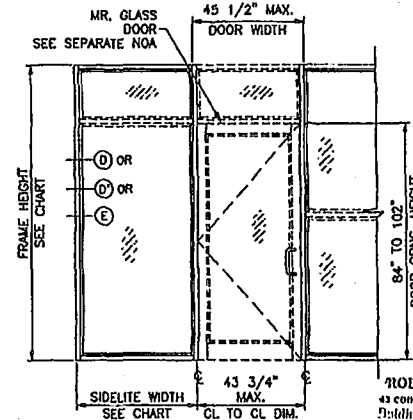
REVISIONS:	BY	DATE	DESCRIPTION
1	13/03/12	NO CHANGE THIS SHEET	

date: 07-16-11
sheet: 1
of: 11
drawing no.
W11-39
sheet 4 of 12

DOOR MULLION LOAD CAPACITY-PSP					
SIDELITE WIDTH INCHES	FRAME HEIGHT INCHES	JAMB 'JD1' MULL 'MD1' EXT. (+) INT. (-)	JAMB 'JD1' MULL 'MD2' EXT. (+) INT. (-)	JAMB 'JD2' MULL 'MD3' EXT. (+) INT. (-)	JAMB 'JD3' MULL 'MD4' EXT. (+) 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



DOOR MULLION LOAD CAPACITY-PSP					
SIDELITE WIDTH INCHES	FRAME HEIGHT INCHES	JAMB 'JD1' MULL 'MD1' EXT. (+) INT. (-)	JAMB 'JD1' MULL 'MD2' EXT. (+) INT. (-)	JAMB 'JD2' MULL 'MD3' EXT. (+) INT. (-)	JAMB 'JD3' MULL 'MD4' EXT. (+) 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

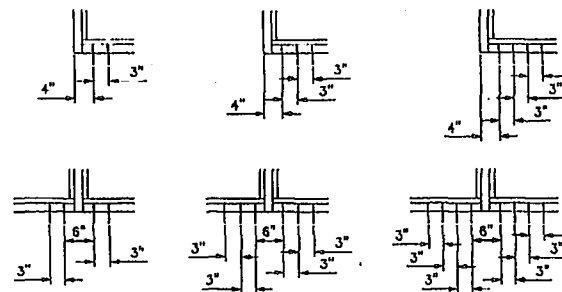
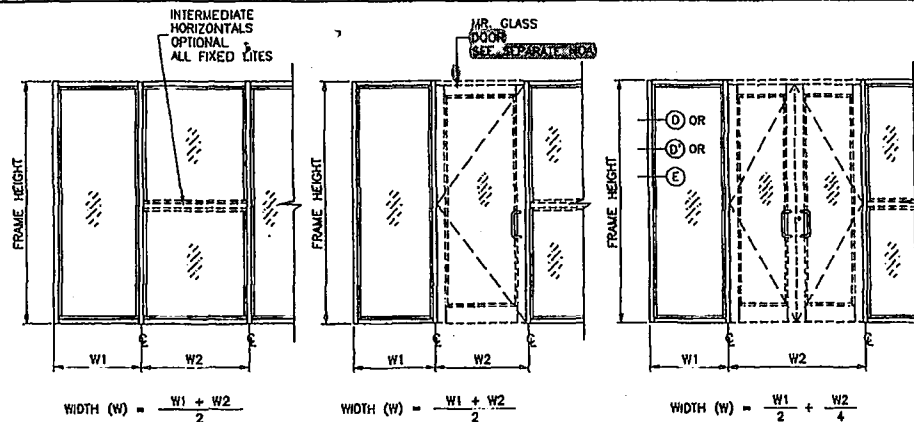
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
12295 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8500 FAX. (305) 262-8978
STORE W11-3906

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

REVISE:	DATE	BY	DESCRIPTION
1	03/25/12	A	NO CHANGE THIS SHEET
DATE	07-15-11	SCALE	1" = 1'-0"
DATE	07-15-11	DR. BY	MANU
DATE	07-15-11	CHK. BY	MANU
DRAWING NO. W11-39			
SHEET 5 OF 12			

340

ANCHOR LOAD CAPACITY - PSF 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	97.6	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	97.6	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	104.8	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	97.6	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"		76.5	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	97.6	64.2	98.3	128.4	74.0	111.0
30"	110-1/2"	84.8	127.2	130.0	111.8	130.0	130.0	128.8	130.0
36"		70.7	108.0	130.0	93.0	130.0	130.0	107.1	130.0
42"		60.6	90.8	121.1	79.7	119.5	130.0	91.8	130.0
48"		53.0	79.5	108.0	69.7	104.6	130.0	80.4	120.5
54"		48.2	73.2	97.6	64.2	98.3	128.4	74.0	111.0
30"	114"	88.5	102.7	130.0	90.1	130.0	130.0	103.9	130.0
36"		58.7	88.1	117.4	77.2	115.8	130.0	89.0	130.0
42"		51.4	77.1	102.7	67.6	101.4	130.0	77.9	116.8
48"		48.8	73.2	97.6	64.2	98.3	128.4	74.0	111.0
54"		48.8	73.2	97.6	64.2	98.3	128.4	74.0	111.0



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: JAVAD AHMAD
CIVIL
FLA. P.E. # 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

DATE: 07-15-11
BY: [Signature]
DATE: 07-15-11
BY: [Signature]

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

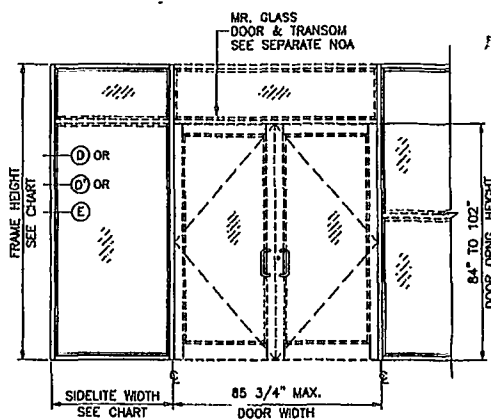
MR. GLASS DOORS & WINDOWS INC.
SERIES MC5000 ALUM WINDOW WALL SYSTEM (LAL)
7440 N.W. 66 STREET
MIAMI, FL 33166
TEL: (305) 470-8284 FAX: (305) 470-8285

REVISIONS:
NO. DATE BY DESCRIPTION
1 04/04/12 NO CHANGE THIS SHEET

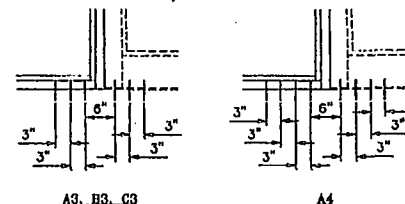
DATE: 07-15-11
BY: [Signature]
DATE: 07-15-11
BY: [Signature]

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	90.0	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



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. JAVAD 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

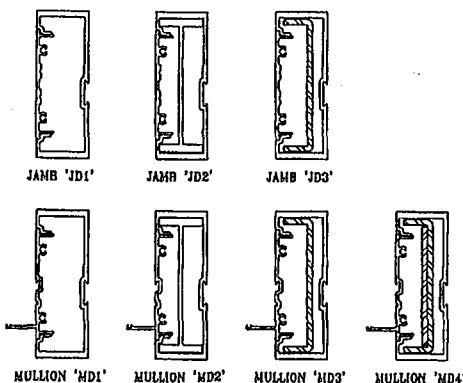
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
12235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6973
STORE W11-39UG

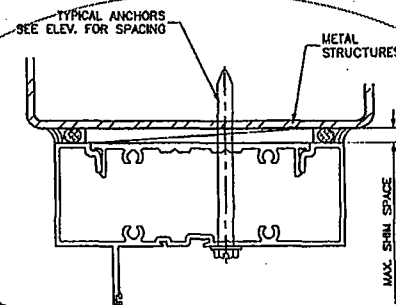
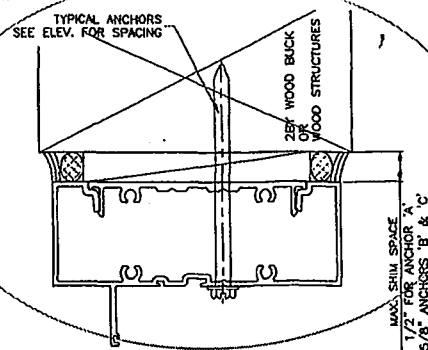
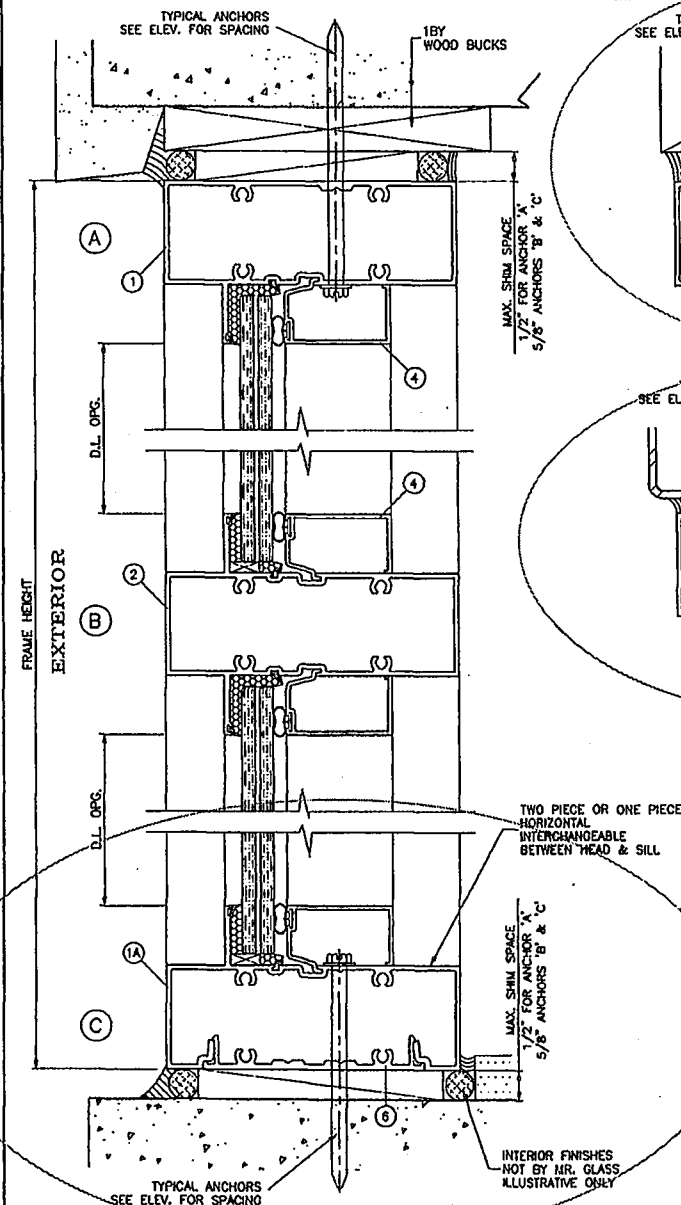
MR. GLASS DOORS & WINDOWS INC.
7440 N.W. 66 STREET
MIAMI, FL 33166
TEL. (305) 470-8284 FAX. (305) 470-8285

REVISIONS:
REV. DATE BY DESCRIPTION
A 01/05/12 NO CHANGE THIS SHEET

DATE: 07-15-11
BY: *[Signature]*
CHECKED: *[Signature]*
DRAWING NO. W11-39
SHEET 7 OF 12

DOOR-WINDOWALL
TRANSITION MULLION





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

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.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A'

1 1/2" DIA. ULTRACON BY 'FLO' 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 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'

3/16" DIA. ULTRACON BY 'FLO' 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

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

STORE W11-39MC

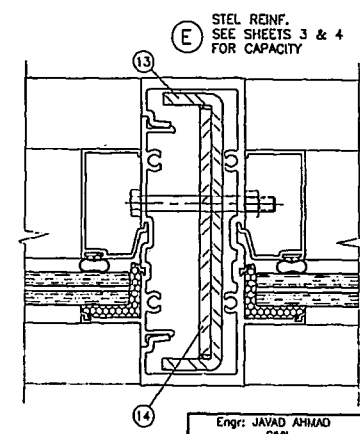
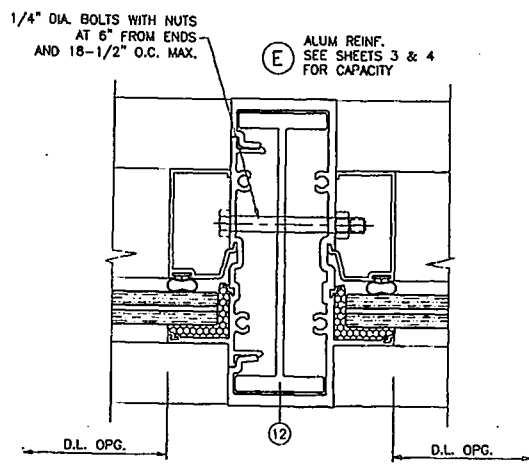
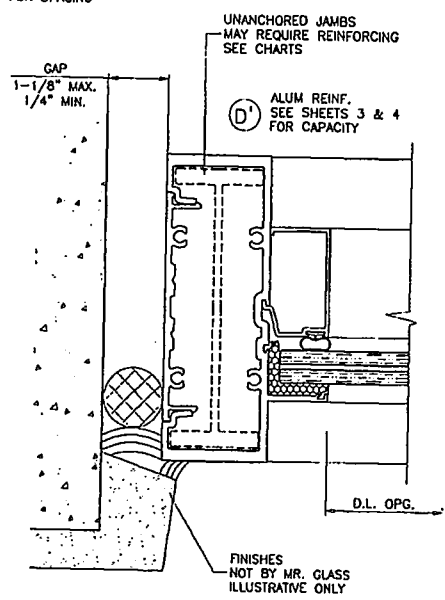
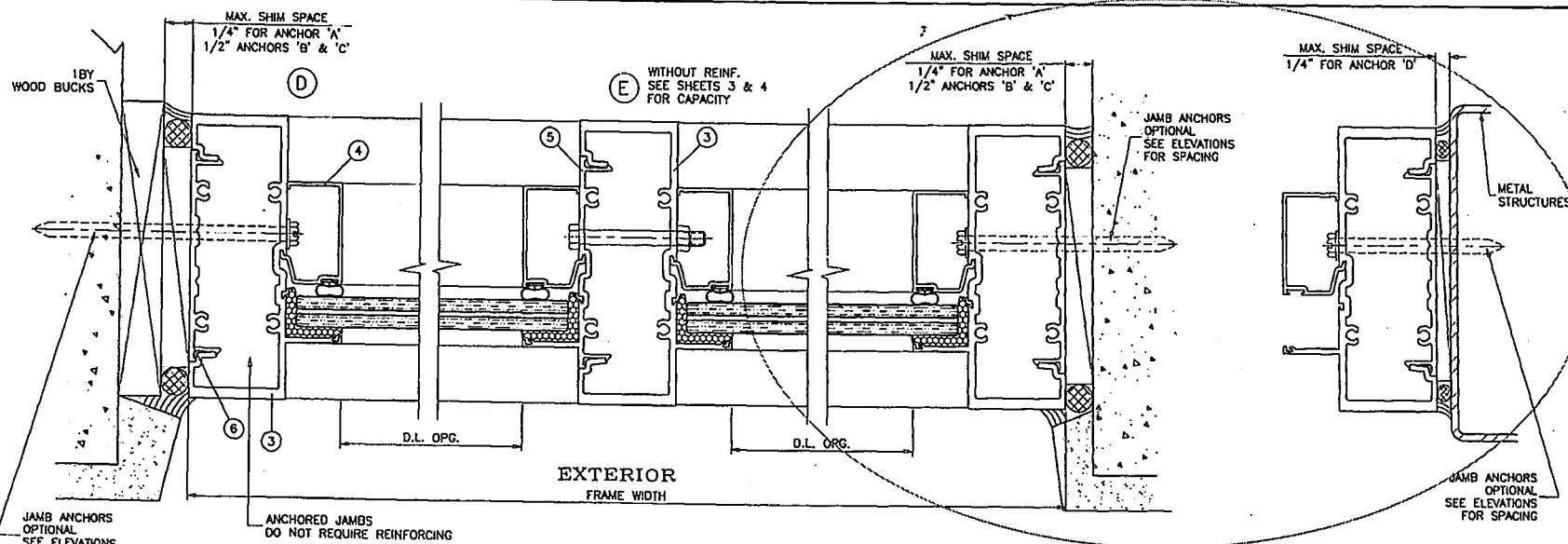
MR. GLASS DOORS & WINDOWS INC.
7440 N.W. 66 STREET
MIAMI, FL. 33166
TEL (305) 470-8284 FAX (305) 470-8285

SERIES MC5000 ALUM WINDOW WALL SYSTEM (L.M.I.)

REV	DATE	BY	DESCRIPTION
1	03/05/11	A	NO CHANGE THIS SHEET

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

drawing no.
W11-39
sheet 8 of 12



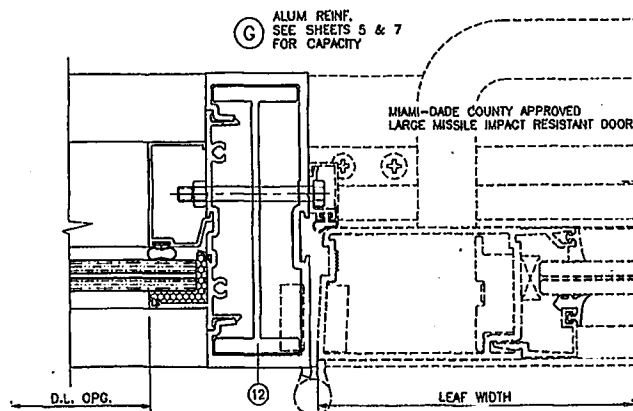
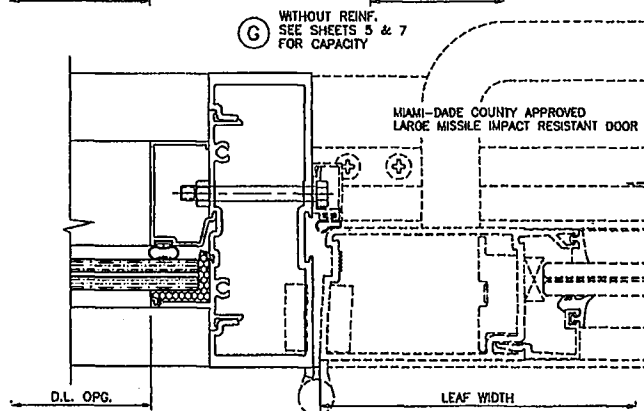
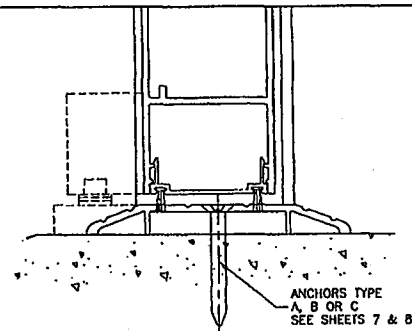
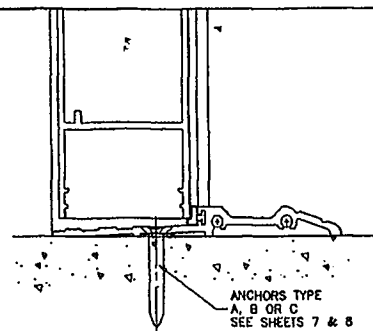
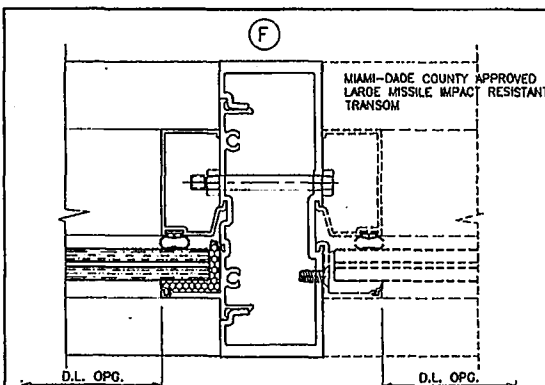
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 12-0107.03
Expiration Date APRIL 3, 2013
By *Manuel Jere*
Miami Dade Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70502
C.S.N. 3550

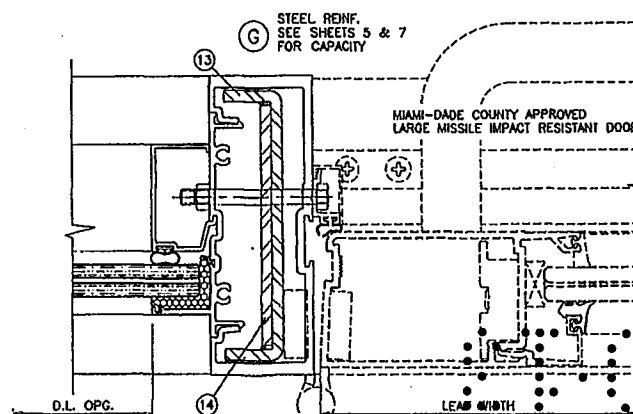
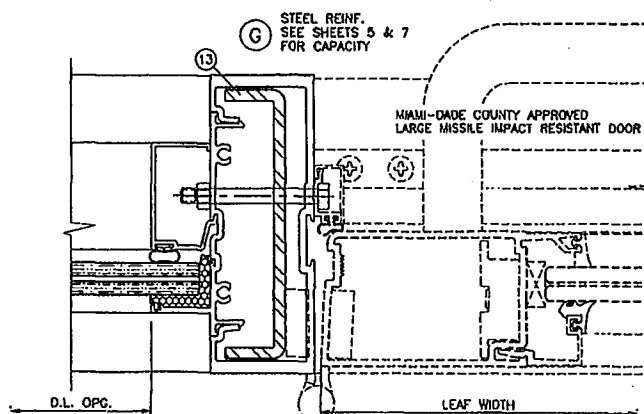
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0328.06
Expiration Date APRIL 3, 2013
By *Manuel Jere*
Miami Dade Product Control

MAR 07 2012

af 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	
REVISIONS: NO. DATE BY DESCRIPTION 1 03.05.12 A 03.05.12	DATE: 07-15-11 SCALE: 1/2" = 1" DR. BY: HAND 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

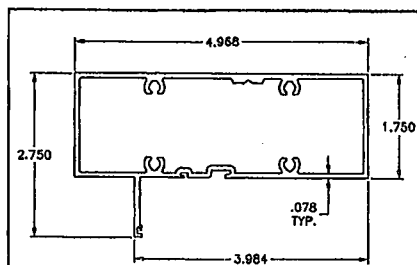
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
4295 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
STORE W11-39UG

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

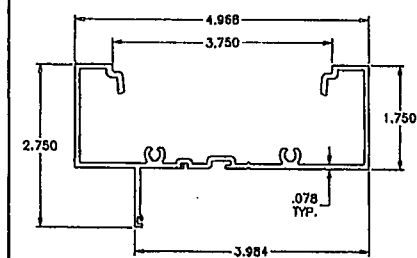
REVISIONS:	NO.	DATE	BY	DESCRIPTION
	1	03.03.12		NO CHANGE THE SHEET

date: 07-15-11
scale: 1/2" = 1"
des. by: JAVAD
chk. by:
drawing no.
W11-39
sheet 10 of 12

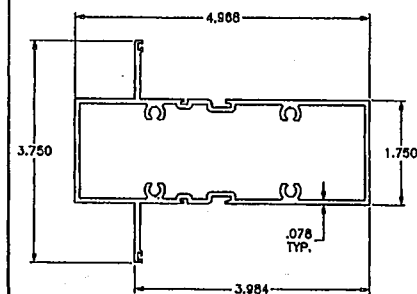
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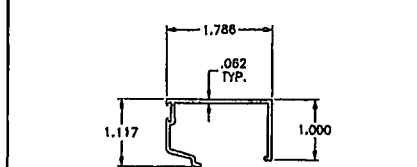
① HOLLOW FRAME HEAD/SILL



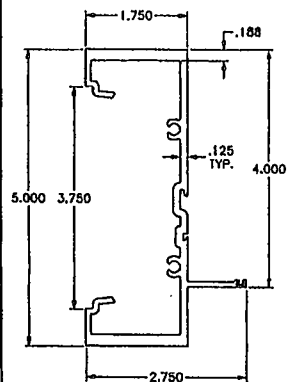
①A OPEN BACK FRAME HEAD/SILL



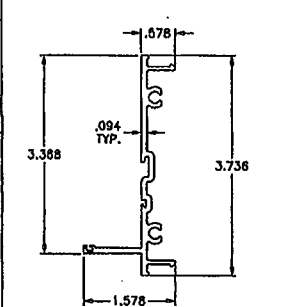
② INTERMEDIATE HORIZONTAL



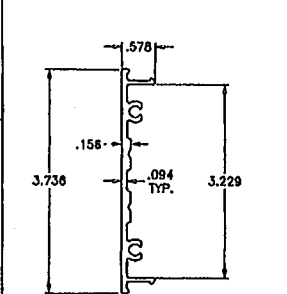
④ GLASS STOP



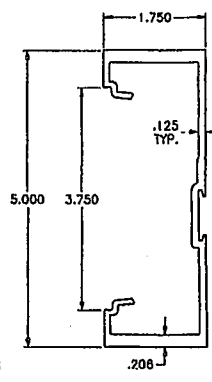
③ FRAME JAMB/MULLION



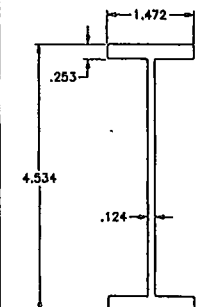
⑤ MULLION SNAP-IN MATE



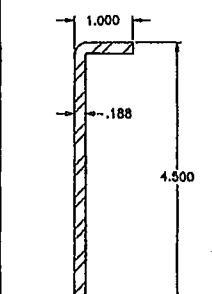
⑥ SHEAR CLIP



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	-

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 13-0107-03
Expiration Date 12/31/2013
By *Mamuel*
Miami Dade Product Control

Engr. JAVAD AHMAD
CIVIL
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 *Mamuel*
Miami Dade Product Control

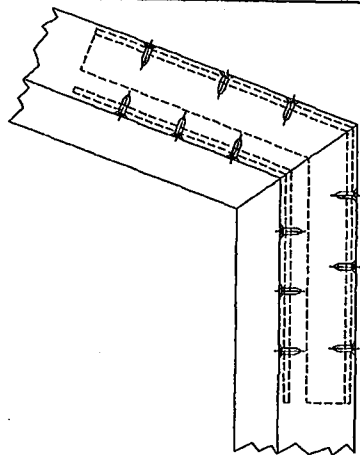
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
12295 S.W. 87 AVE.
MIAMI, FLORIDA 33174
TEL (305) 264-8600 FAX (305) 264-8978
STORE W11-394G

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

REV.	DATE	BY	DESCRIPTION
1	03.05.12	A	DESCRIPTION UPDATED TO 2010 FBC

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

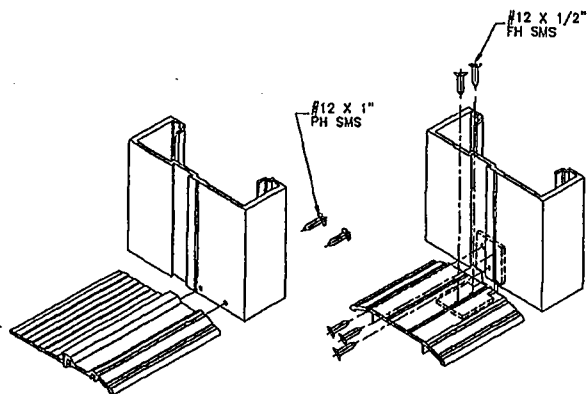
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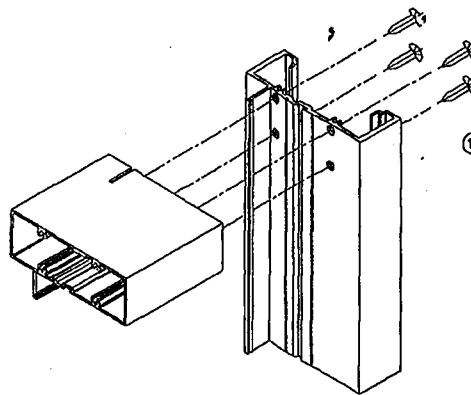
5/8" X 1/8"
ALUM PLATE
BENT TO MATCH JOINT
SECURED WITH #8 SMS
(3) PER SIDE OF JOINT

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

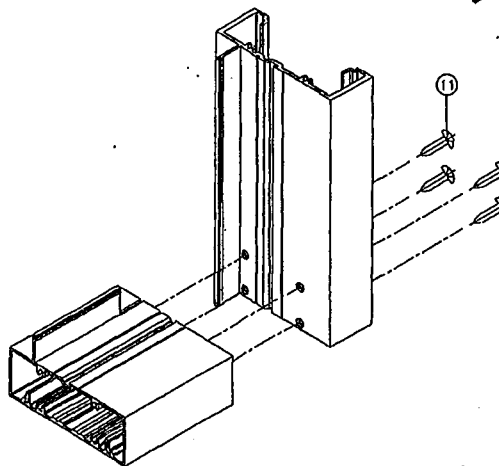
CIRCULAR OR ANGLED CORNERS



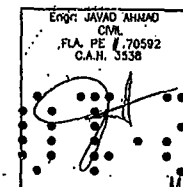
DOOR MULLION CORNER



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 *Muhammad Taz*
Miami Dade Product Control

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

MAR 07 2012

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
7440 N.W. 66 STREET
MIAMI, FLORIDA 33174
TEL (305) 584-8500 FAX (305) 584-8978
STORE W11-39NG

SERIES M5000 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

REVISIONS:	NO	DATE	BY	DESCRIPTION
	1	03/05/12	A	NO CHANGE THIS SHEET

DATE: 07-15-11	SCALE: -	DR. BY: HAWD	CHK. BY:
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drawing no.
W11-39
sheet 12 of 12



14746 SW 60 St, Miami, FL 33193

t: 786-287-3922

www.InfinityEng.us

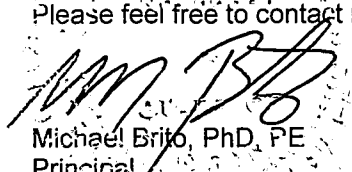
Comment Response Sheet

2 January 2014

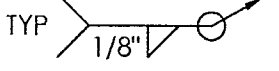
To: Adalberto Vicedo, PE
RE: 1100 15th St, Miami Beach, FL 33139

- 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 +51.17/-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:
TYP 
 - 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

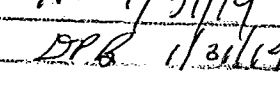
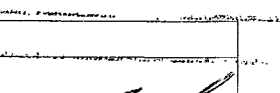
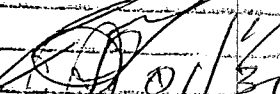
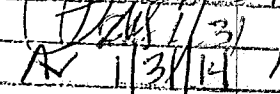
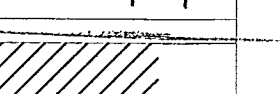
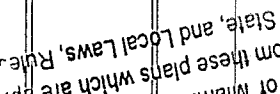
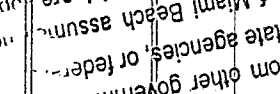
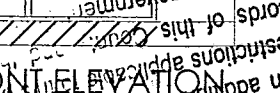
City of Miami Beach
Fire Prevention Division
PLANS APPROVED
HSS 4"x4"x6"

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 Works Department records of this City 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 Works Department records of this City 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 50th 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., PE
Professional Engineer
State of Florida
License No. 66380
Date: 29-Jan-14
Scale: AS SHOWN
Sheet: 1

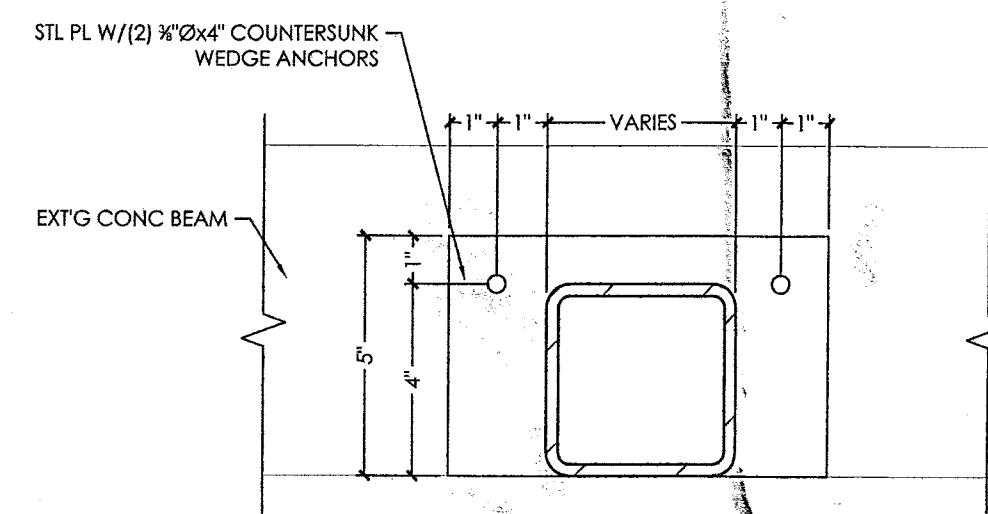


PLATE 'B'
SCALE: 3/4"=1'-0"

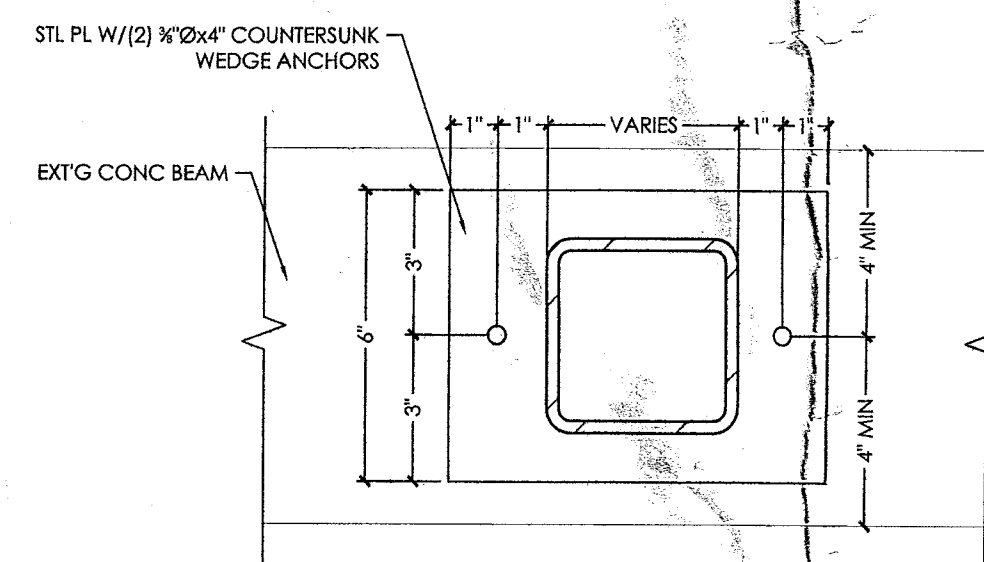
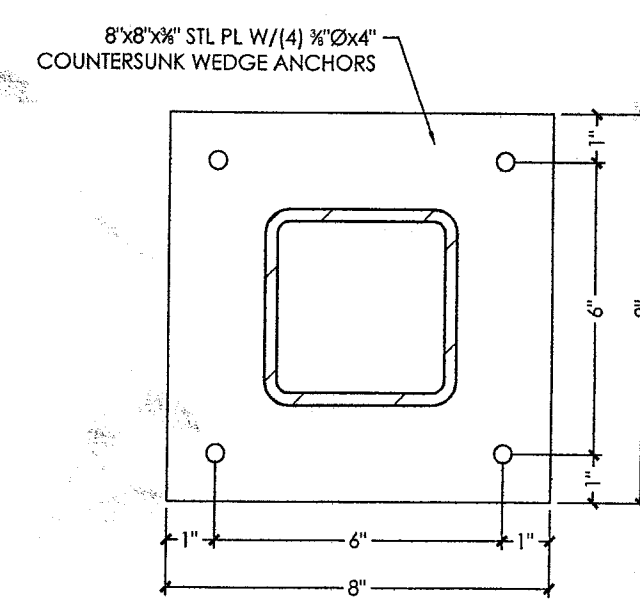
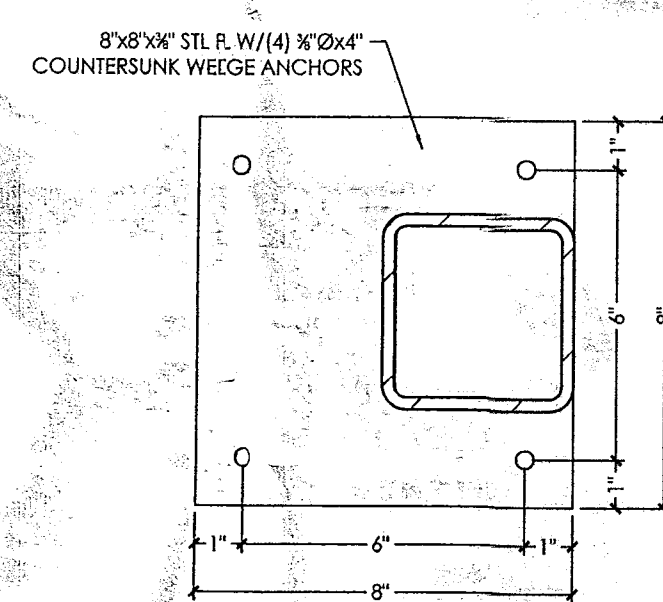


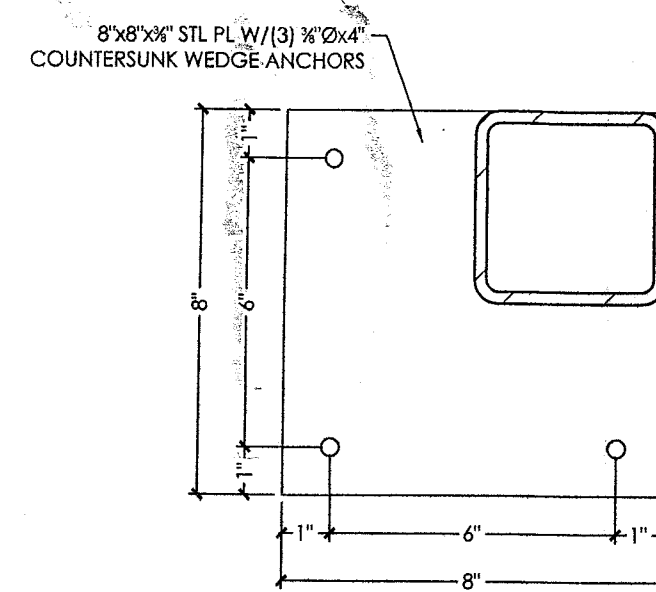
PLATE 'A'
SCALE: 3/4"=1'-0"



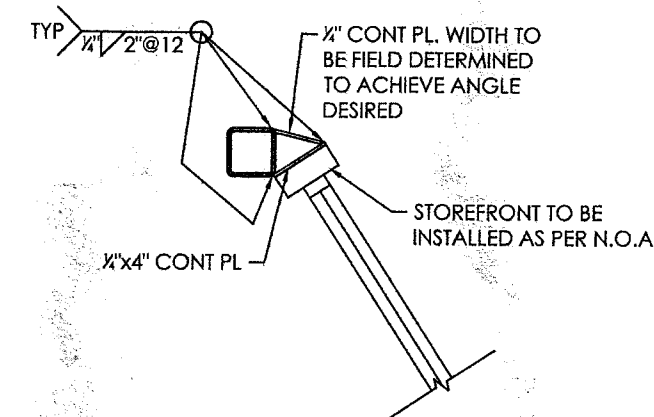
BASE PLATE (ALT 1)
SCALE: 3/4"=1'-0"



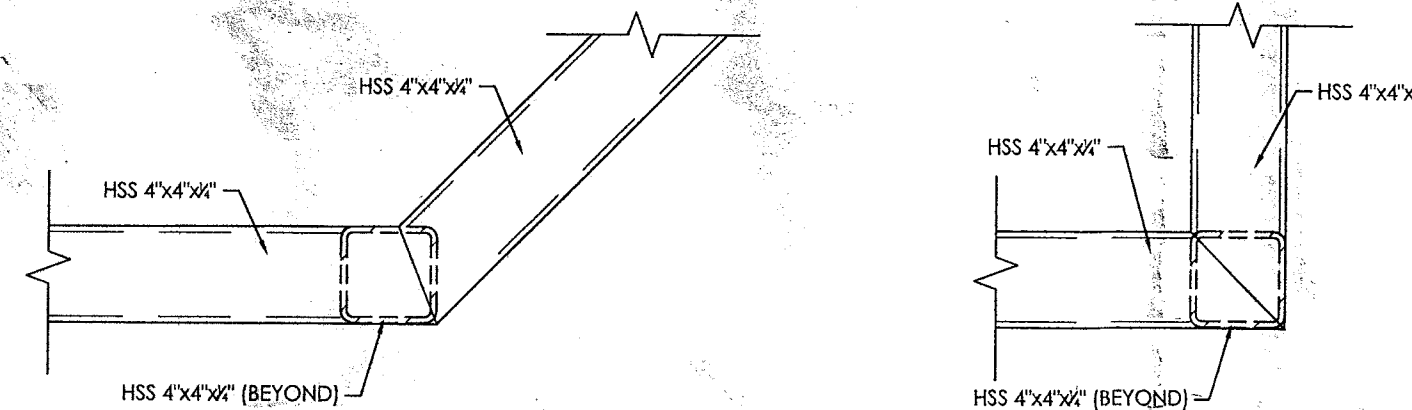
BASE PLATE (ALT 2)
SCALE: 3/4"=1'-0"



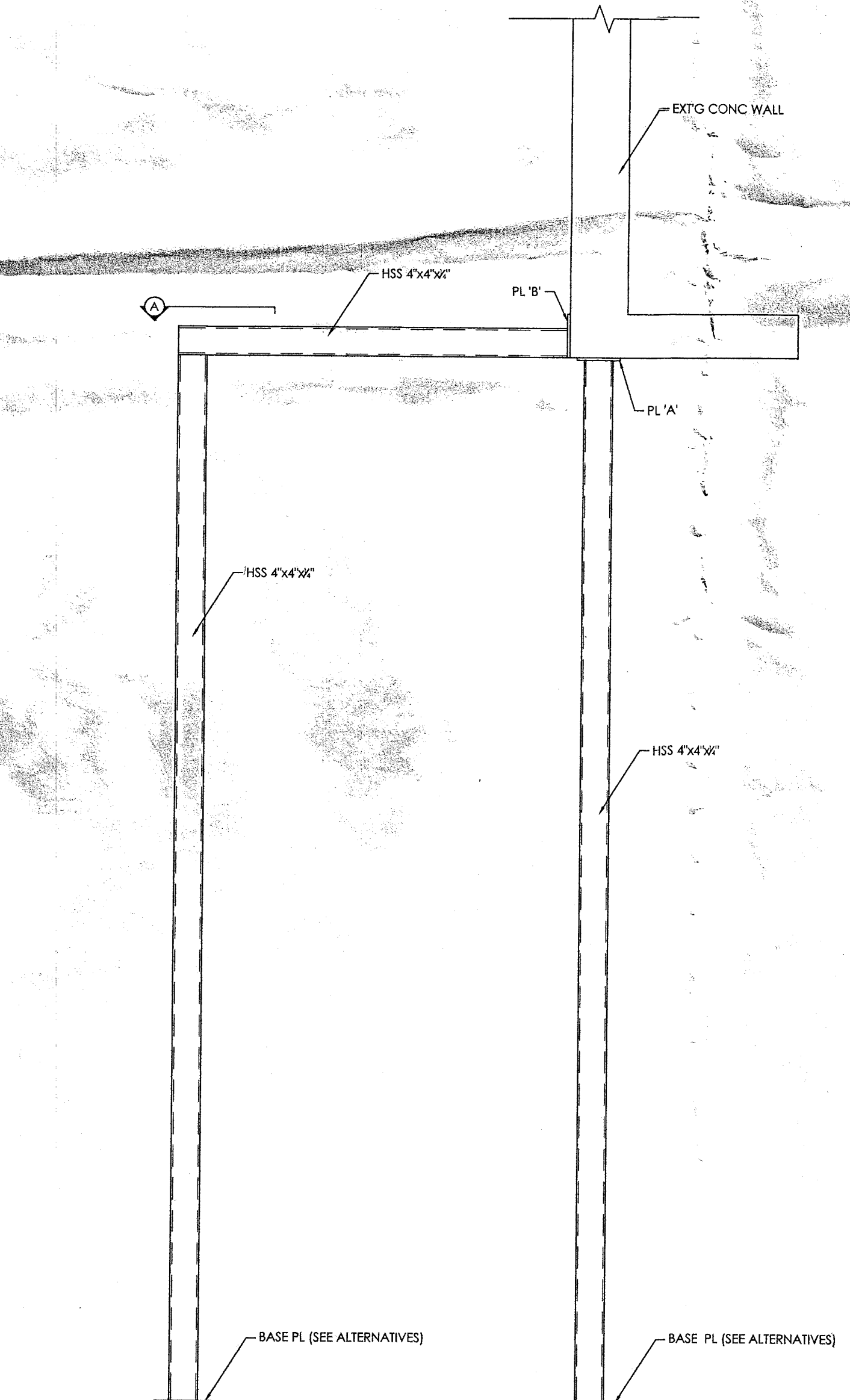
BASE PLATE (ALT 3)
SCALE: 3/4"=1'-0"



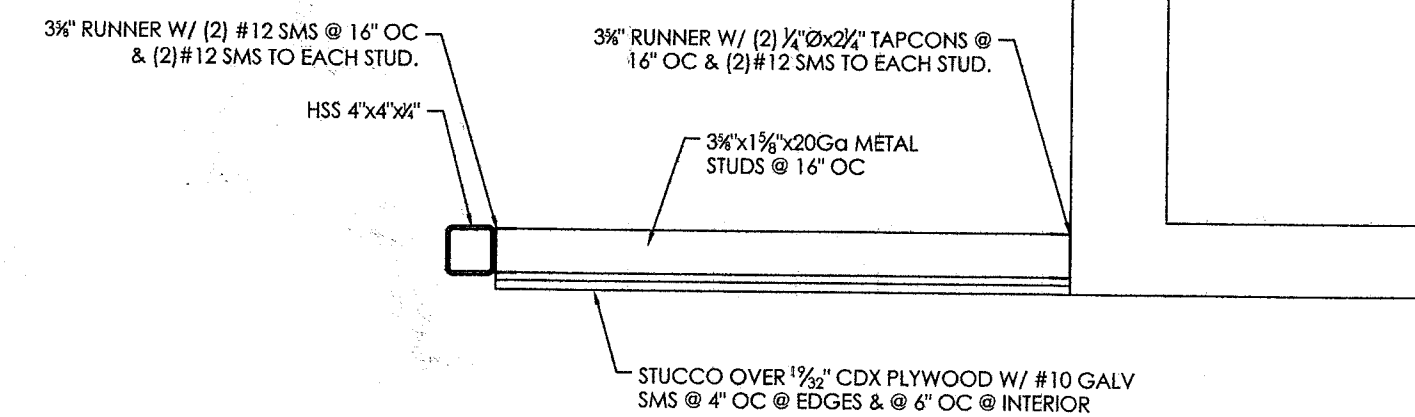
ANGLED JAMB DETAIL
SCALE: 3/4"=1'-0"



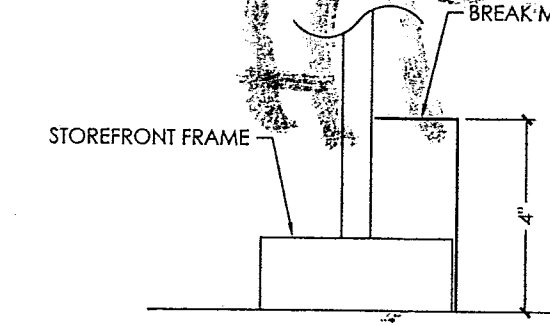
SECTION A
SCALE: 1/2"=1'-0"



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



REVISION HISTORY

WINDOW & DOOR SHOP DRAWINGS

1100 15TH ST
MIAMI BEACH, FL 33139

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

DATE: 29-Jan-14
SCALE: AS SHOWN
SHEET: 2

Figure 1 shows a sequence of 16 small diagrams arranged in a 4x4 grid. Each diagram represents a state in a cellular automaton. The pattern of black dots starts in the top-left cell of the first diagram and spreads to fill the entire 4x4 grid by the fourth iteration.





Department of Regulatory and Economic Resources

Impact Fee Receipt

Process Number: M201602436-0

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
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:

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

Section 1b

Property Information

Project Name: <u>Kabob</u>	
Address: <u>1112 15th 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

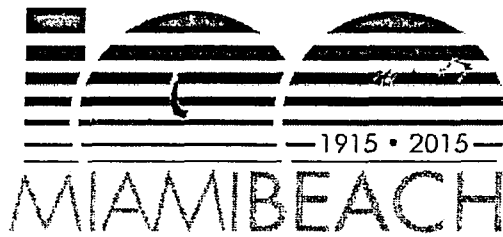
Utility Providing Service: <u>City of Miami Beach</u>	
Pump Station Receiving Flow: <u>P.S. # 1</u> Located at: <u>11th Street & Meridian Court</u>	
Sewers Abutting the Property: Yes <u>X</u> No _____ Force-main _____ Gravity <u>X</u>	
Lateral Connection: New: _____ Existing: <u>X</u> N/A _____ Point 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 of or with all



City of Miami Beach, 1700 Convention Center Drive, Miami Beach, FL 33139, 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:

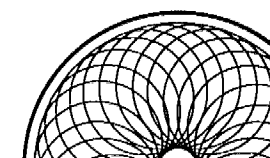
An existing Gravity Sewer Main. 8"

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



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

15/06/2015

15th

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

[Handwritten signatures and dates]

THIS SHEET HAS BEEN
REMOVED AND PLACED
ORIGINAL SIGNATURES IN
THEIR PROPER PLACE

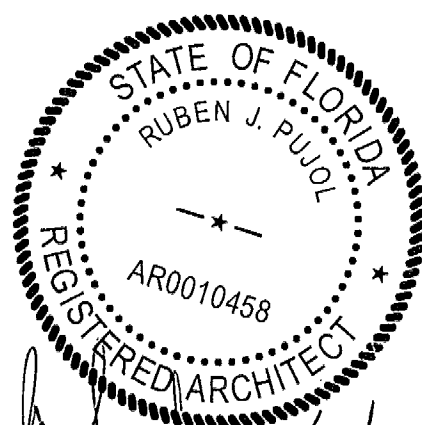
KABOBS

U.S. DEPT. OF AGRICULTURE

DRAWING TITLE:

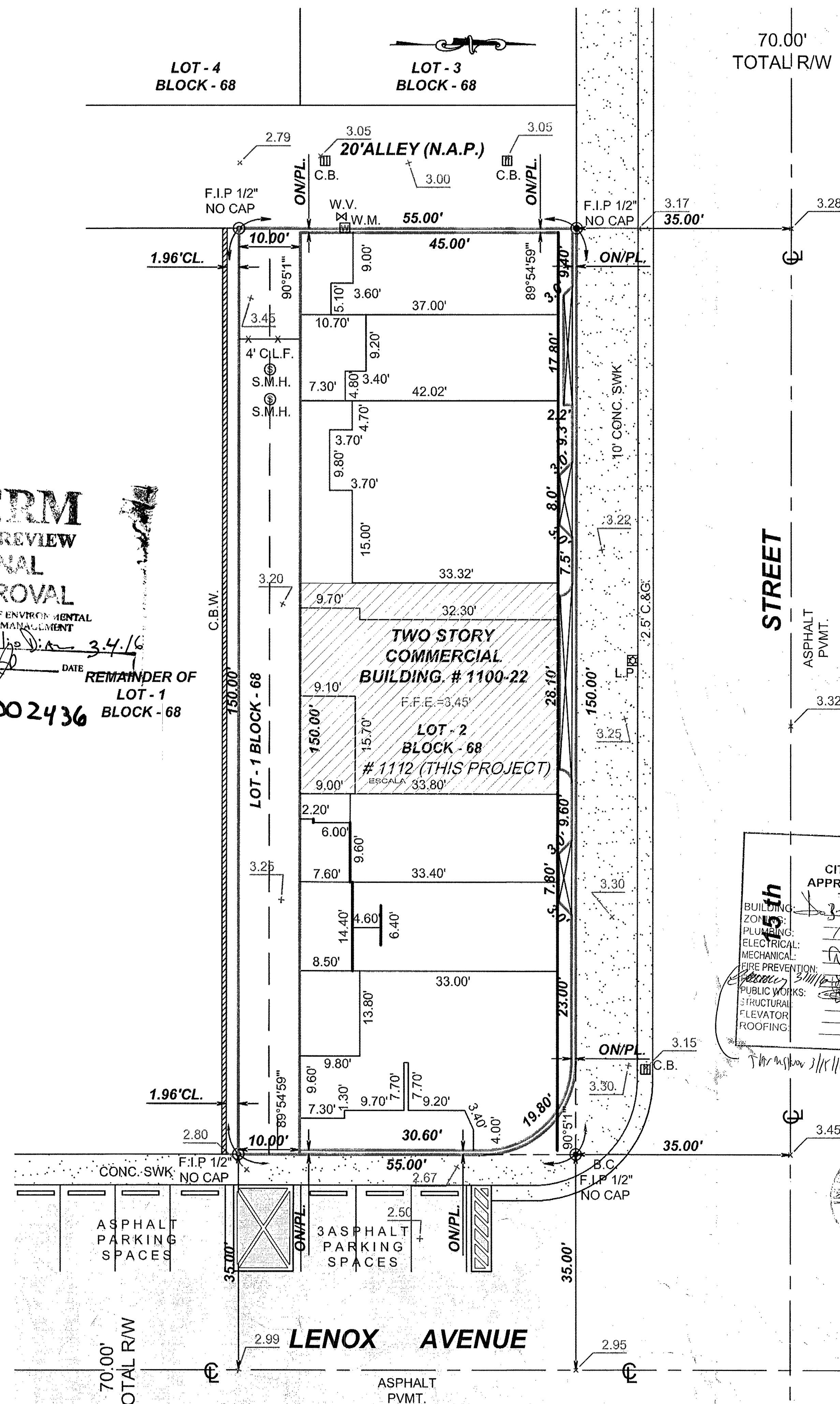
SITE PLAN

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		
		
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

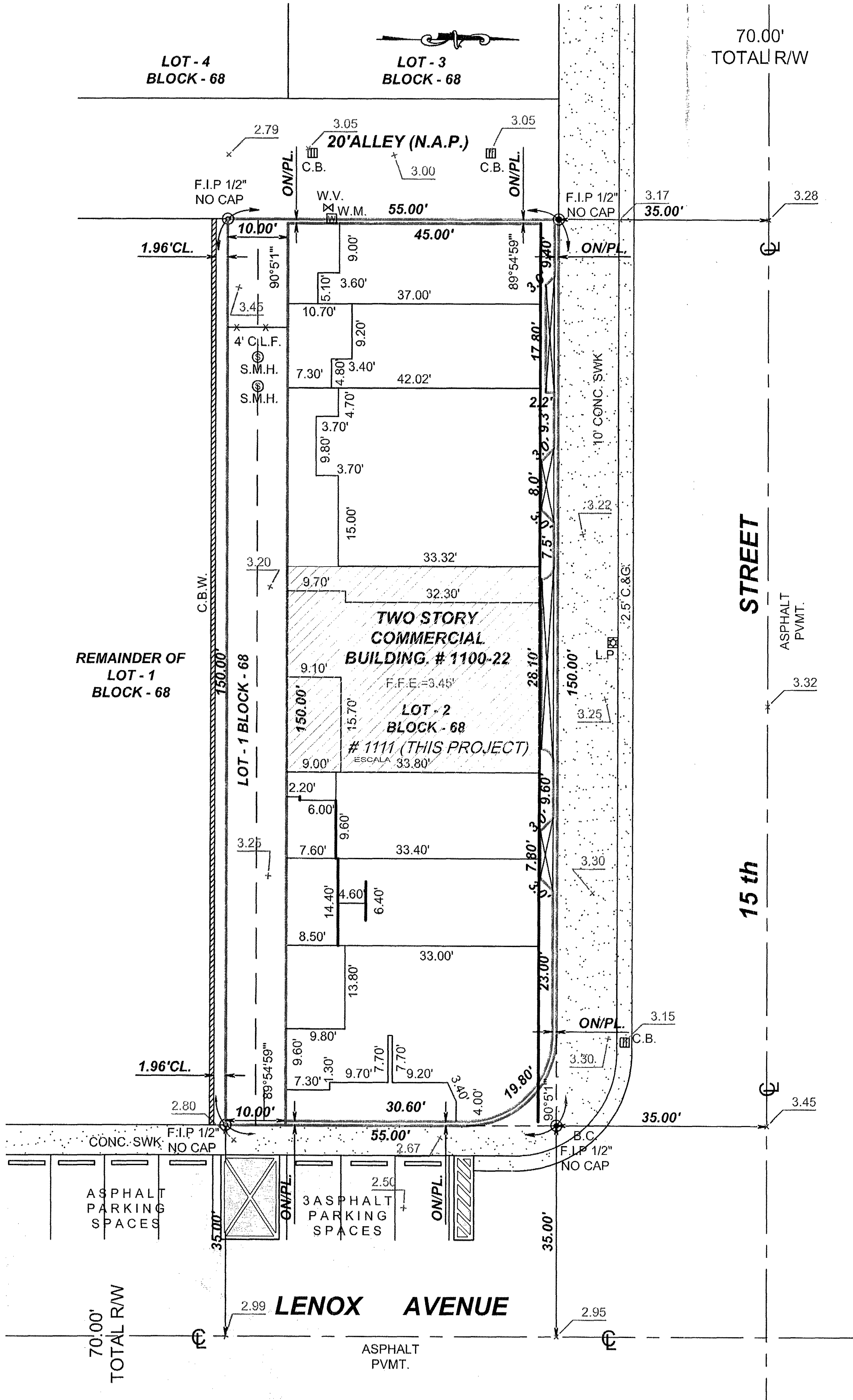
ALTERATION LEVEL 2

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

OCCUPANTS LOAD CALCULATION:

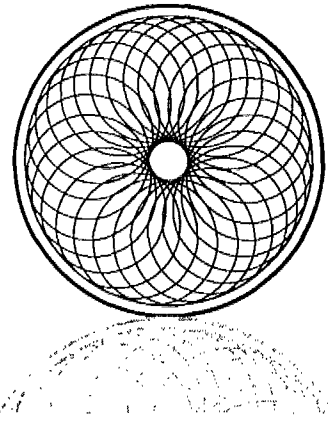
SPACE	AREA	LOAD FACTOR	CAL. LOAD
SEATING AREA	540 SF	1:15 SF	36 OCCUPANTS
KITCHEN	358 SF	1:100 SF	3 OCCUPANTS
TOTAL CALCULATED OCCUPANCY LOAD= 40 OCCUPANTS			

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"

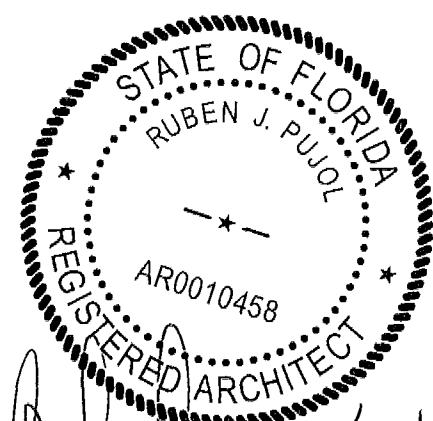
DESCRIPTION

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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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 DEMISSING 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

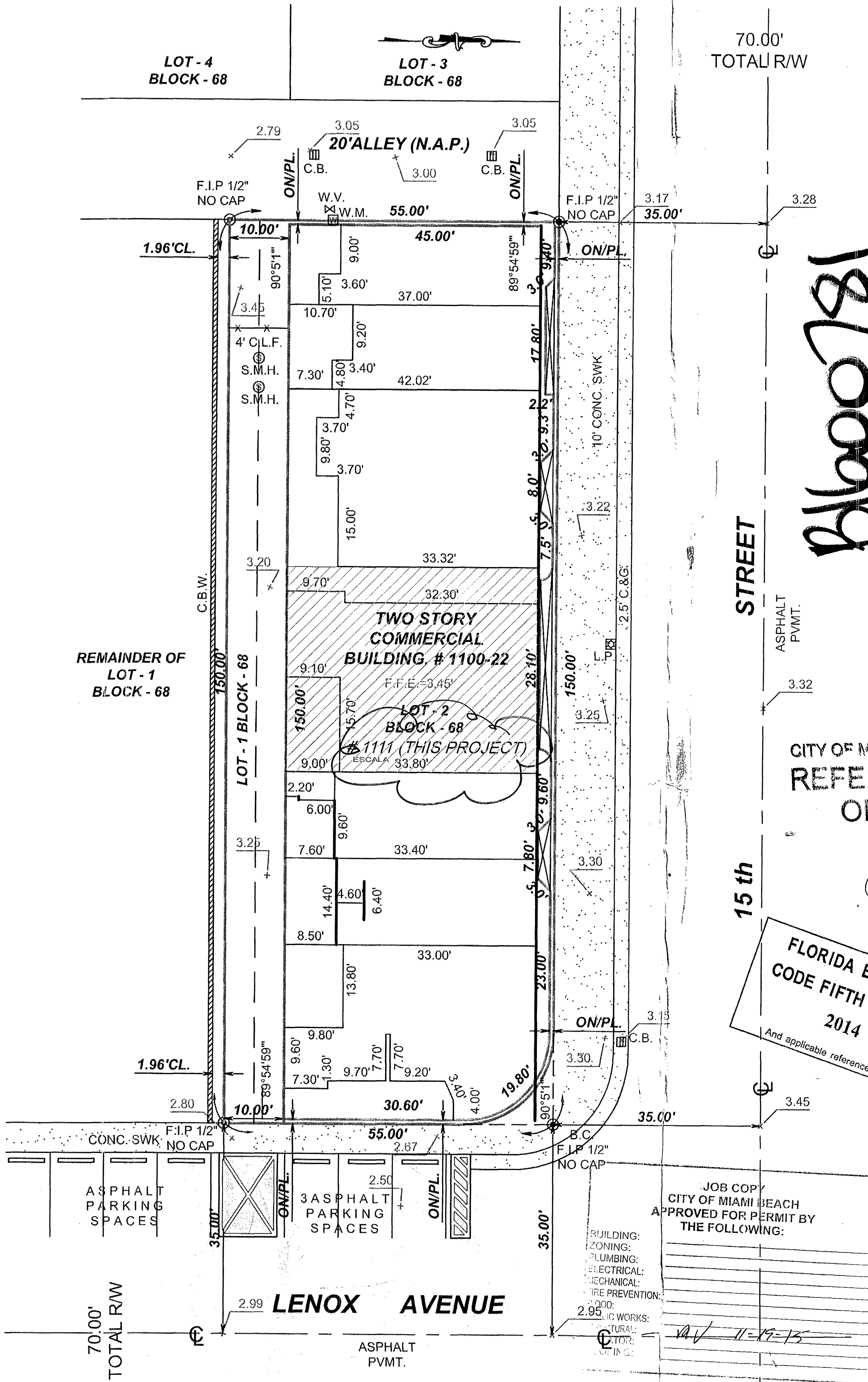
LOT 2 & NORTH 5 FT OF LOT 1 BLOCK 68, OF COMMERCIAL SUB. PB 6, PG 5, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA

ALTERATION LEVEL 2

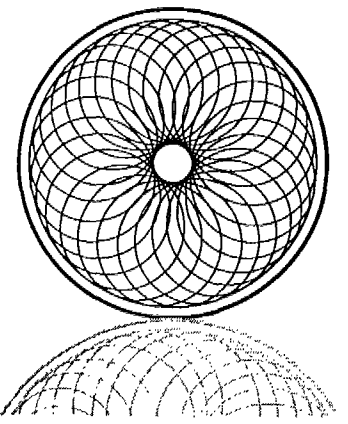
BUILDING USE CD-1 COMM. LOW DENSITY
EXISTING BUILDING CONSTRUCTION TYPE III (B)
PROPOSED OCCUPANCY CLASSIFICATION A-2
2014 FBC

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



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

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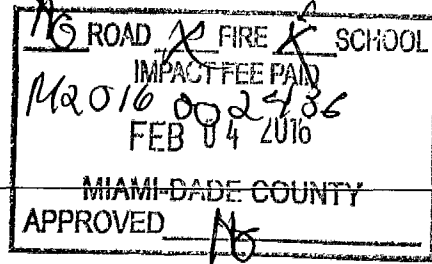
12237 SW 204th TERR.
Miami, Florida 33177

PROJECT TITLE:

PROPOSED
RESTAURANT DELI

CITY OF MIAMI BEACH
REFERENCE
ONLY

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



FLORIDA BUILDING
CODE FIFTH EDITION
2014
And applicable reference codes

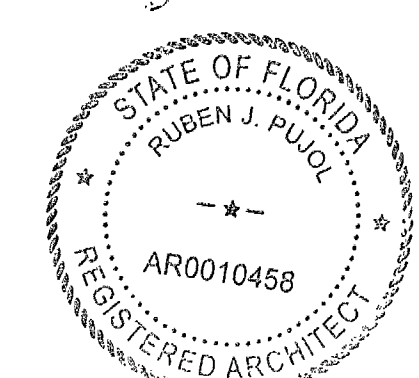
DRAWING FILE:
SITE PLAN
SCALE: 3/32" = 1'-0"

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:



11/14/2015

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

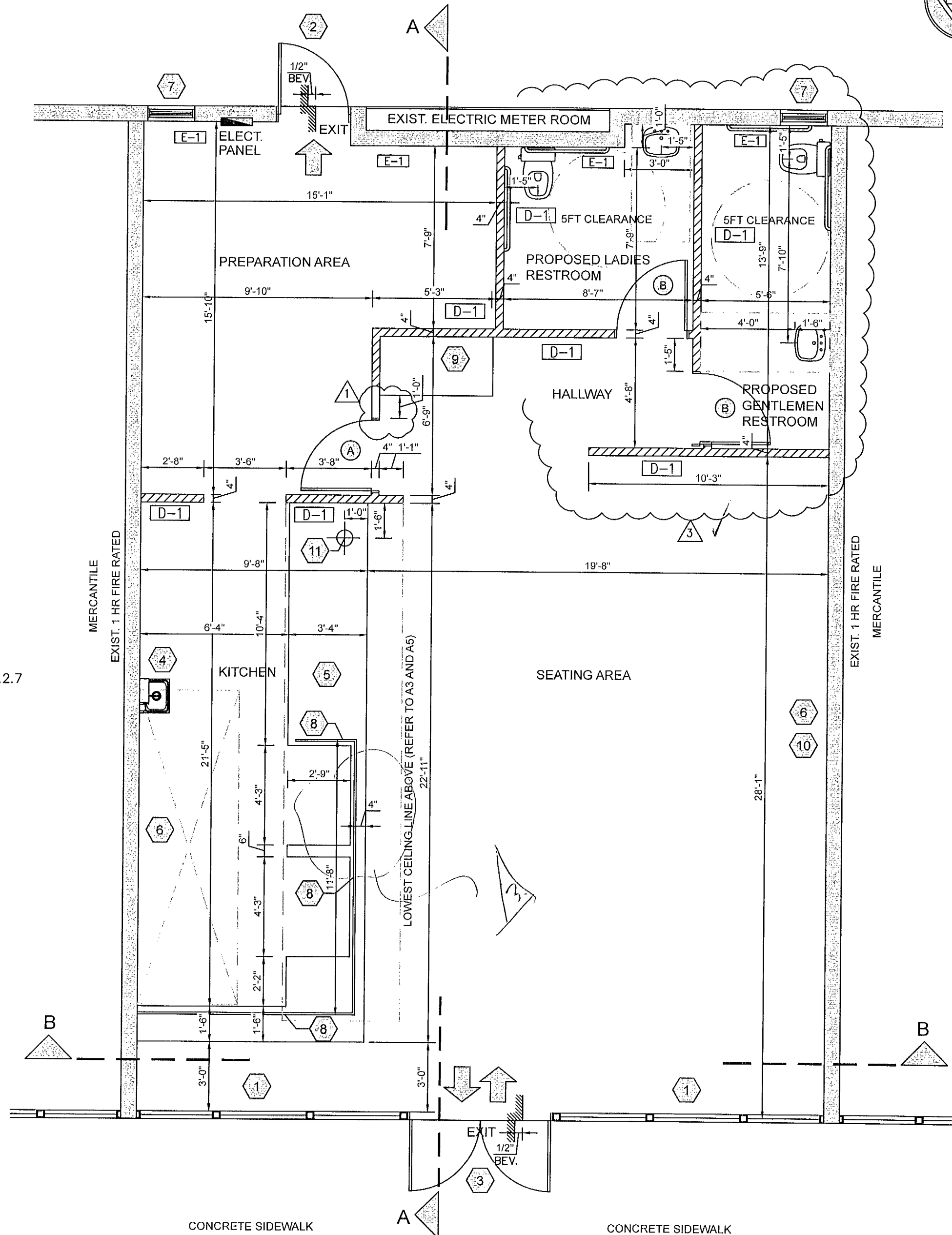
- EXIST. 8" DEMISSING WALL WITH R-11 INSULATION
- EXIST. 8" CBS WALL (EXTERIOR)
- PROPOSED 5/8" G.W.B. EA. SIDE ON 3-5/8" METAL STUDS 22 GAUGE @ 16" O.C.

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

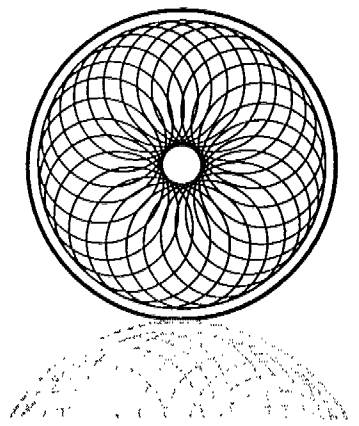
ROOM NAME	FLOOR	BASE	WALLS				WAINSCOT		CEILING		REMARKS
			NORTH	EAST	SOUTH	WEST	MAT.	HGT.	MAT.	HGT.	
SEATING AREA	SC	B2	-	GYP. P. W1	GYP. P. W1	GYP. P. W1			GYP. C2	12'-0"	GYP. CEILING (SEE SECTION)
SERVING AREA	SC	B2	-	-	GYP. P. W1	-			GYP. C2	8'-0"	GYP. DROPPED CEILING (SEE SECTION)
STORAGE ROOM	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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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

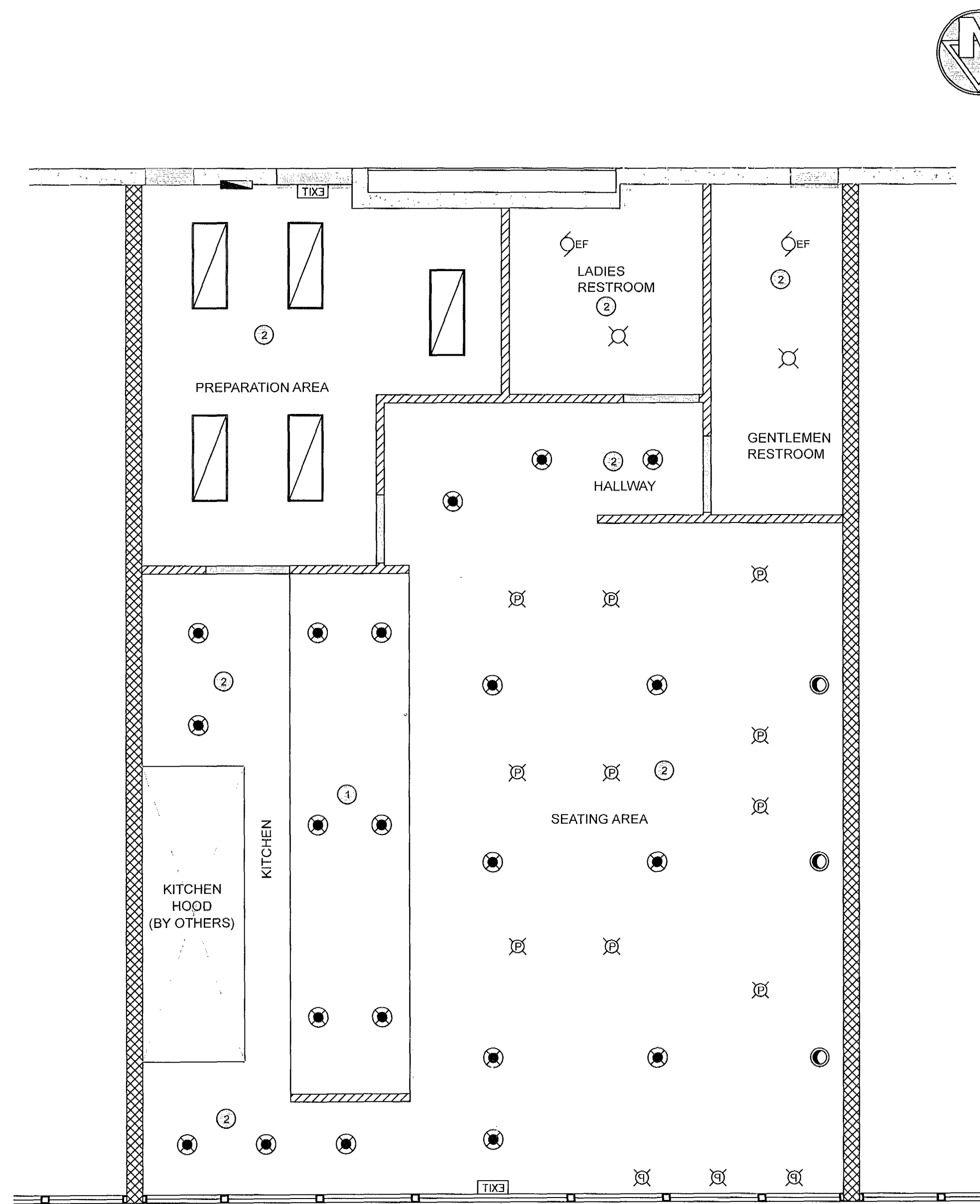
A-2

2

of 7

SEAL AND SIGNATURE:

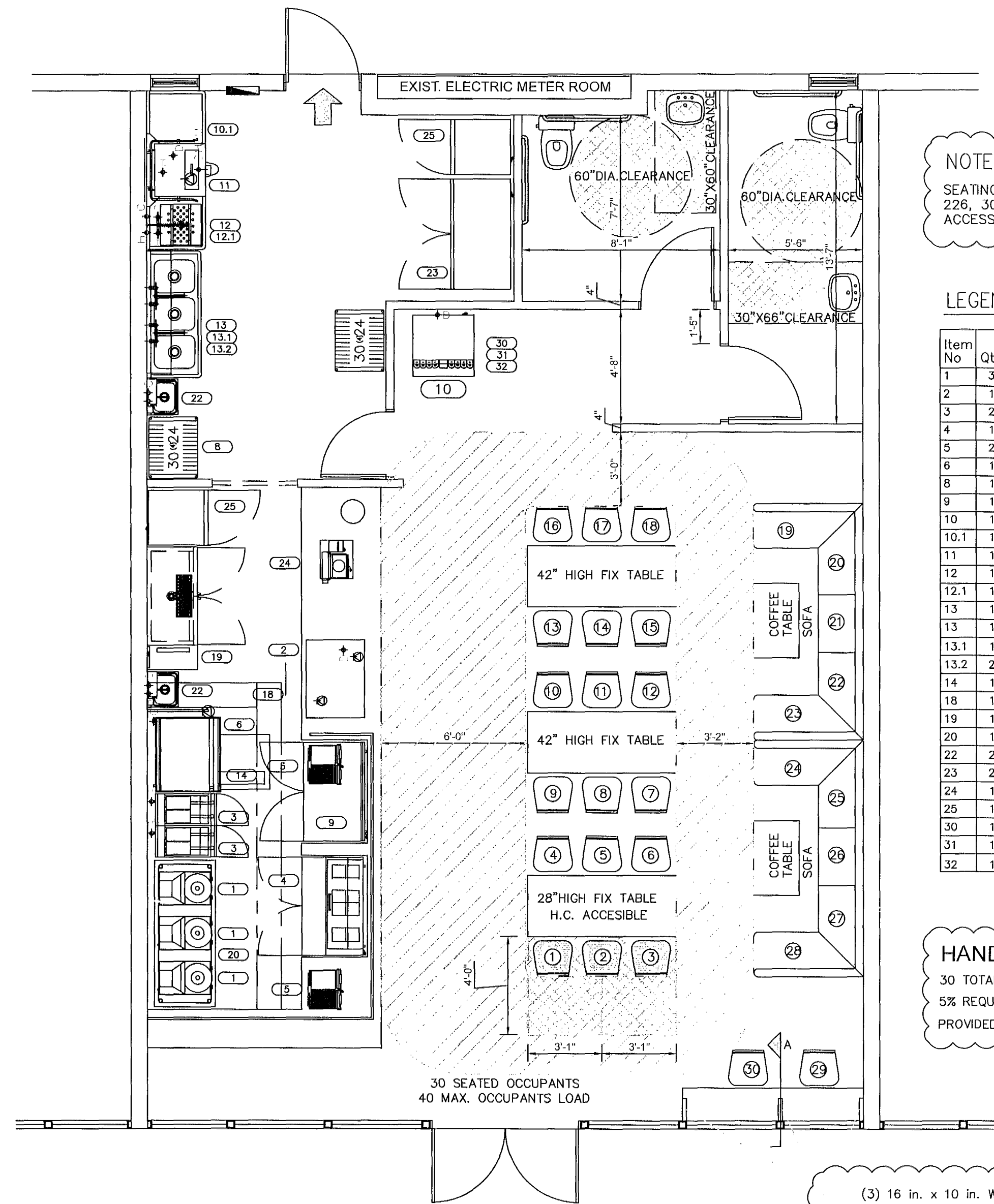
STATE OF FLORIDA
RUBEN J. PUJOL
REGISTERED ARCHITECT
AR0010458
3/11/2016



CEILING PLAN

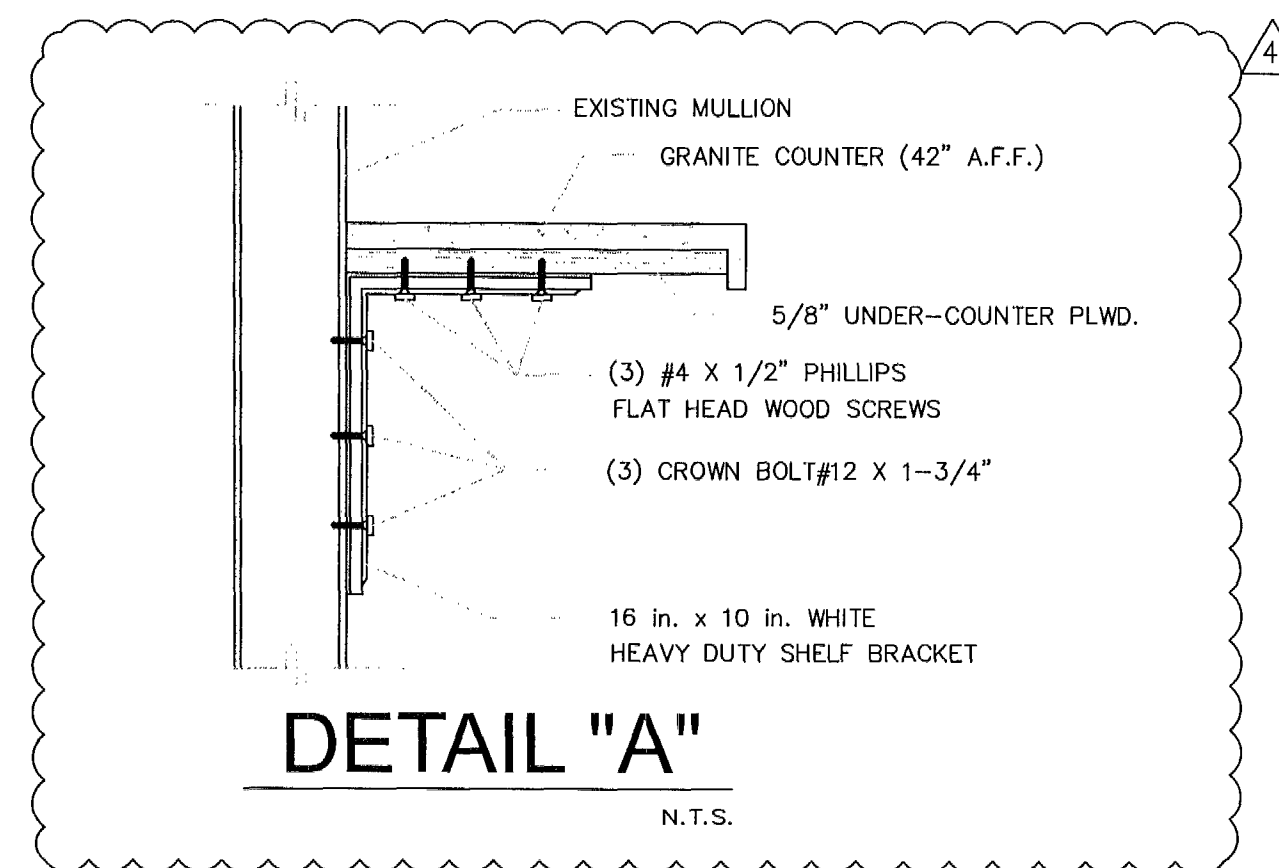
SCALE: 1/4"=1'-0"

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

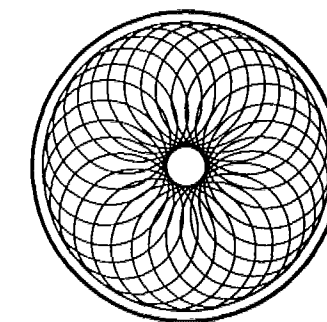
Item No	Qty	Equipment Category
1	3	Broiler, Vertical
2	1	Refrigerated Service Drop-In Counter Case
3	2	Fryer, Deep Fat, Gas
4	1	Refrigerator, Sandwich/Salad Prep
5	2	Panini Grille, Half Smooth/Half Ridged Plate
6	1	Griddle, Gas
8	1	Shelving 30" X 24"
9	1	Refrigerator, Worktop
10	1	Over counter Dispenser, 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, 16 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

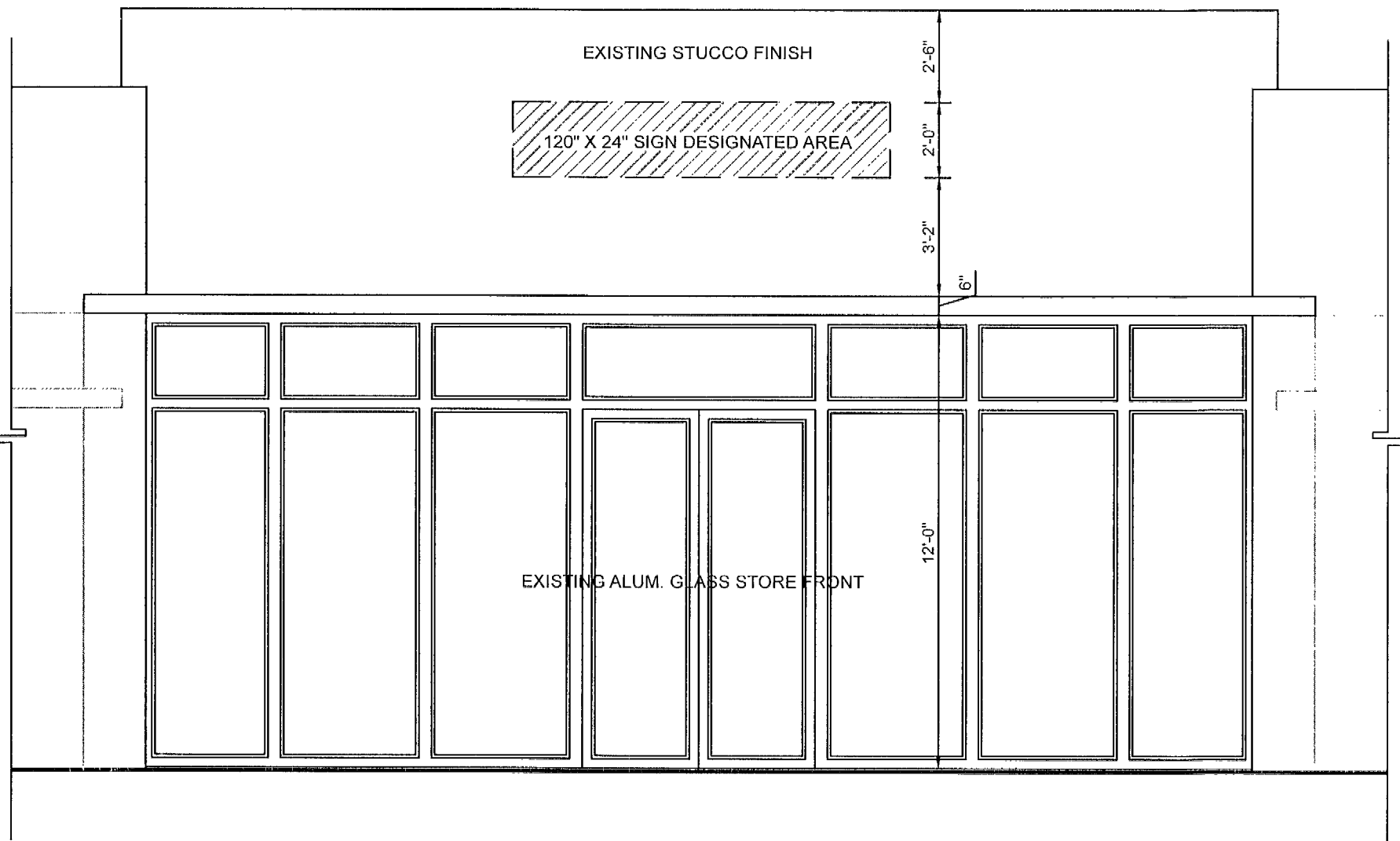
PROJECT TITLE:
PROPOSED
RESTAURANT

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

CLIENT:
KABOBS

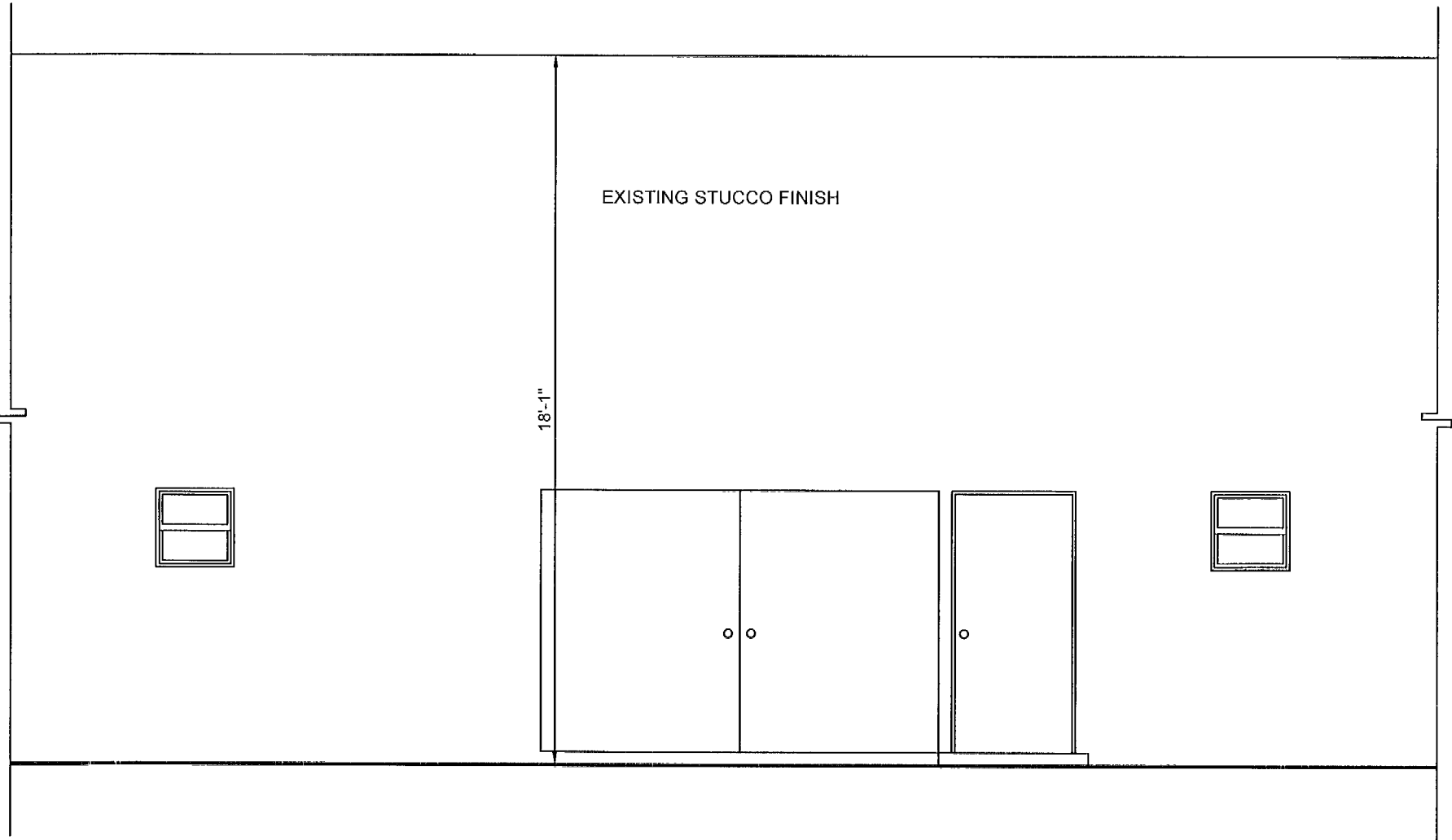
DRAWING TITLE:
EQUIPMENT PLAN
CEILING PLAN

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



FRONT ELEVATION

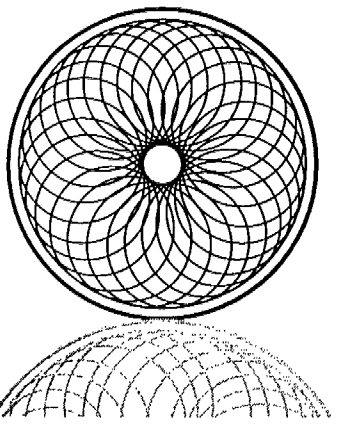
SCALE: 1/4"=1'-0"



REAR ELEVATION

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

REVISIONS		
NUMBER	DESCRIPTION	DATE



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12237 SW 204th TERR.
Miami, Florida 33177

PROJECT TITLE:

PROPOSED
RESTAURANT DELI

PROJECT ADDRESS:

1112- 15 STREET,
MIAMI BEACH, FL.

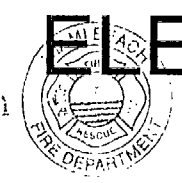
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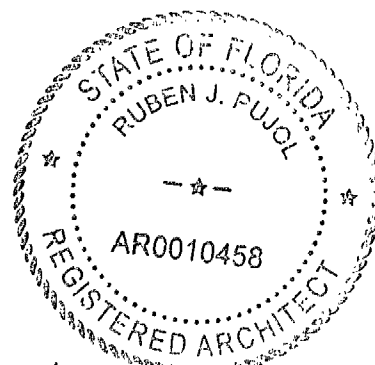
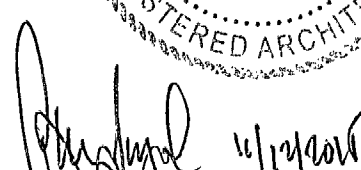
JAN JENS

DRAWING TITLE:

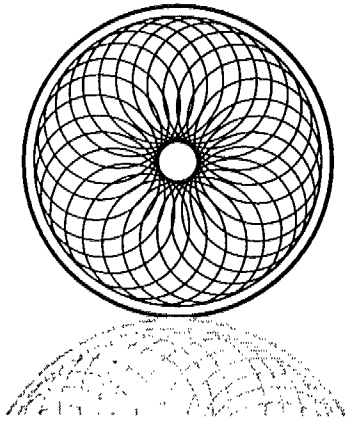
ELEVATIONS

City of Miami Beach
Fire Prevention Division
PLANS APPROVED



DESCRIPTION		SEAL AND SIGNATURE:
PROJECT NUMBER: 2015-109		
DATE: 10-06-2015		
DRAWN BY: EF		
APPROVED BY: 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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12237 SW 204th TERR.
Miami,Florida 33177

PROJECT TITLE:

**PROPOSED
RESTAURANT**

PROJECT ADDRESS:

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

CLIENT:

KABOBS

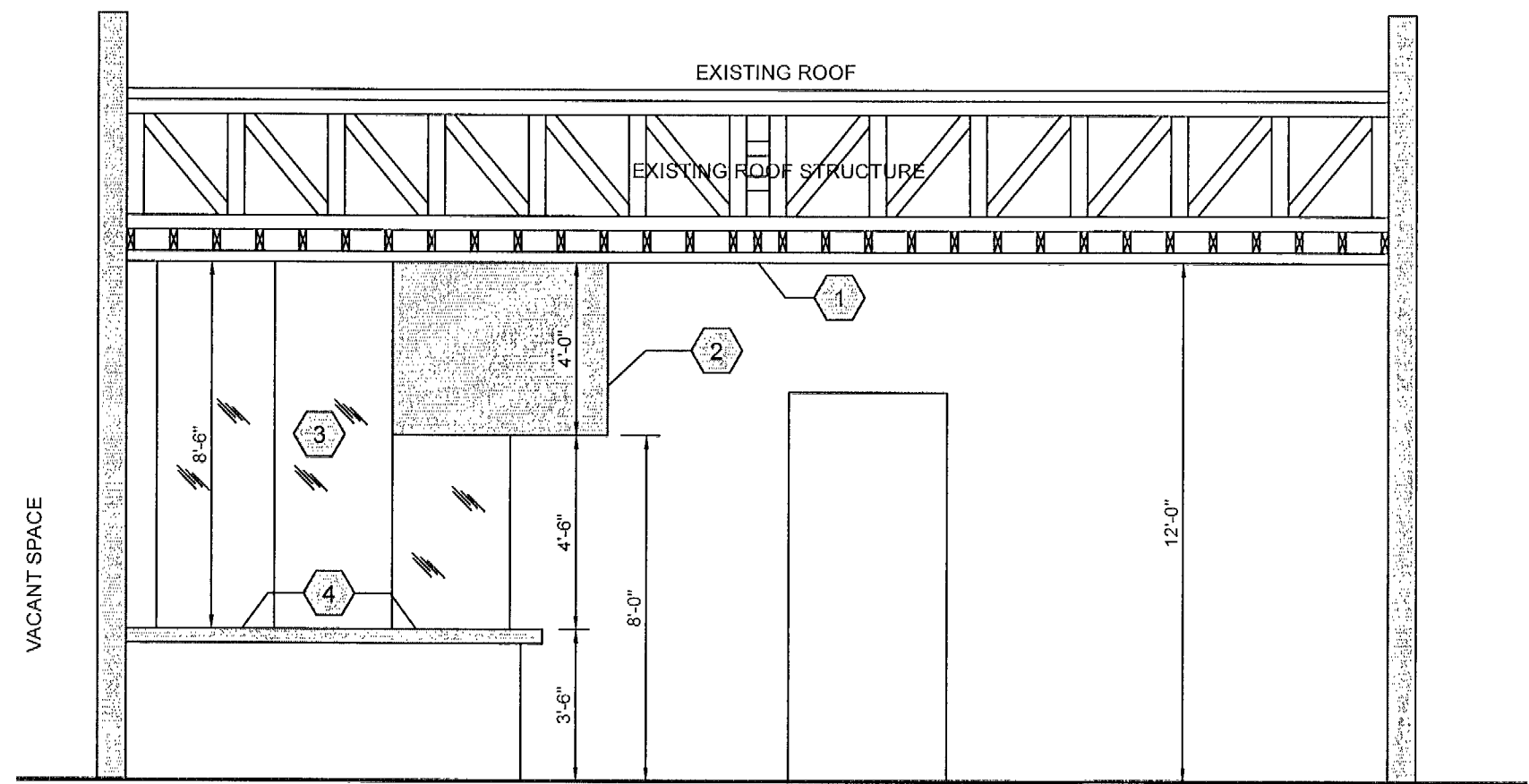


PLANS APPROVED
City of Miami Beach
Fire Prevention Division

DRAWING TITLE:

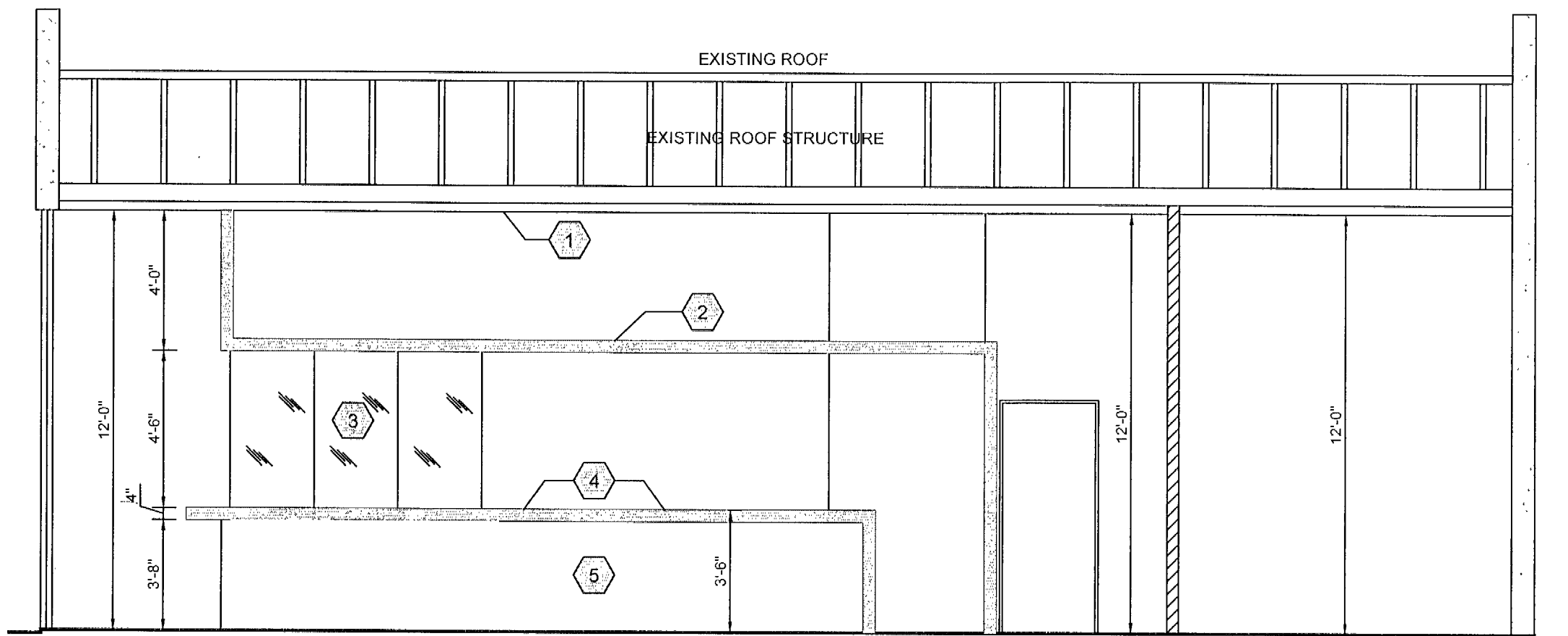
GENERAL SECTIONS

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



SECTION B-B

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



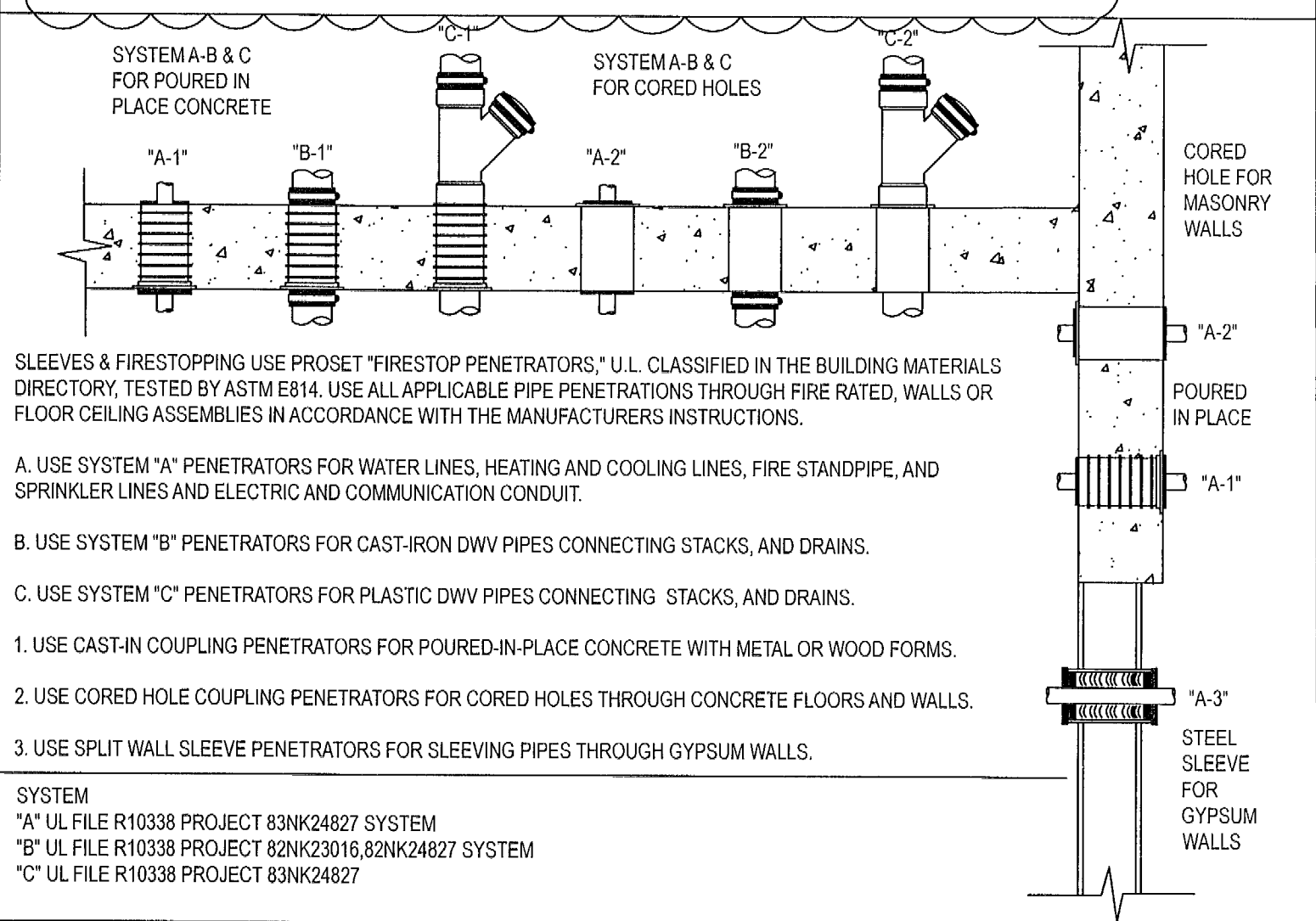
SECTION A-A

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

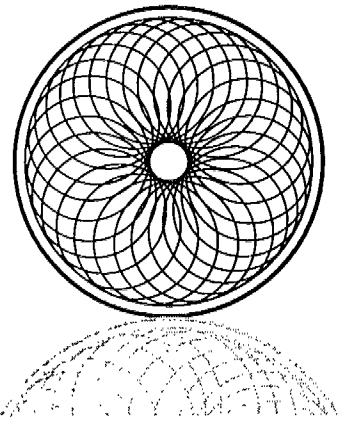
INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL ASSEMBLY. THE HOURLY F AND T RATINGS FOR THE FIRESTOP SYSTEM ARE EQUAL TO THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED. THE DETAILS OF THE FIRESTOP SYSTEM SHALL BE AS FOLLOWS.

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
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12237 SW 204th TERR.
Miami, Florida 33177

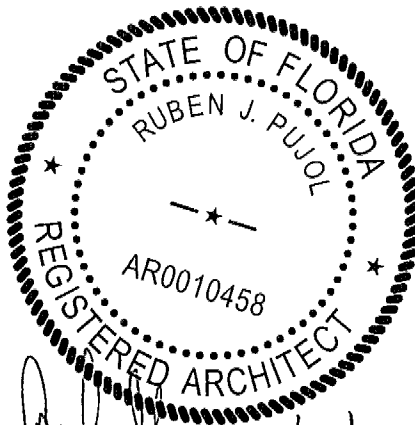
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**PROPOSED
RESTAURANT**

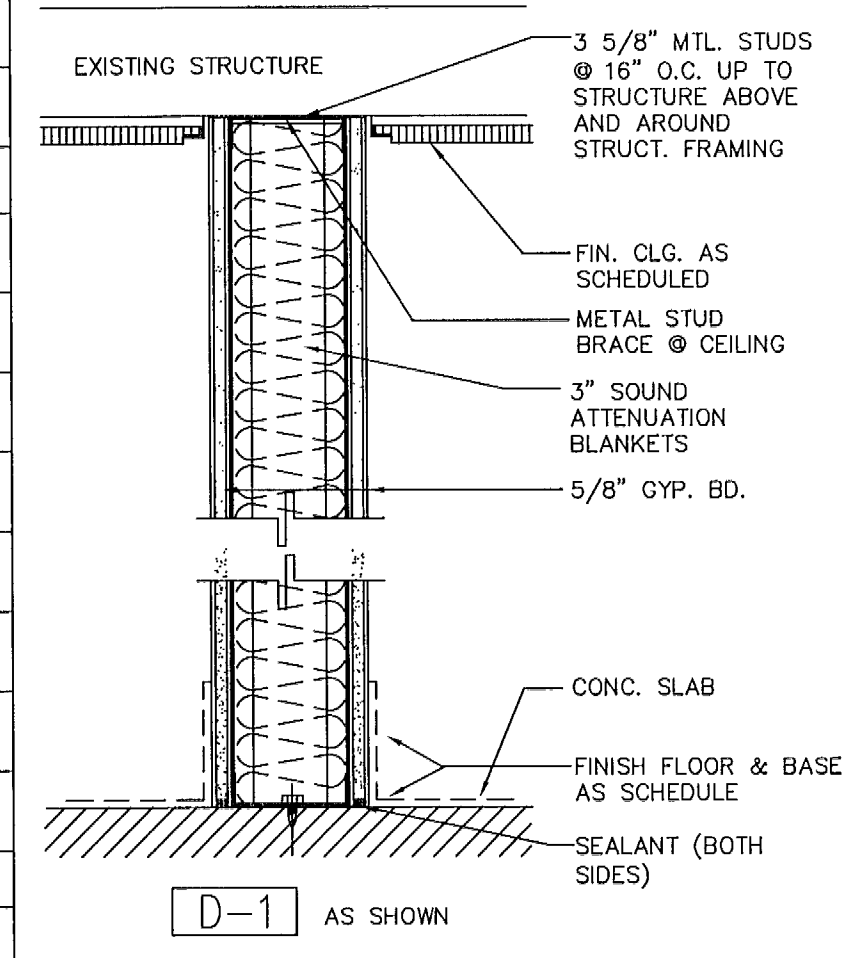
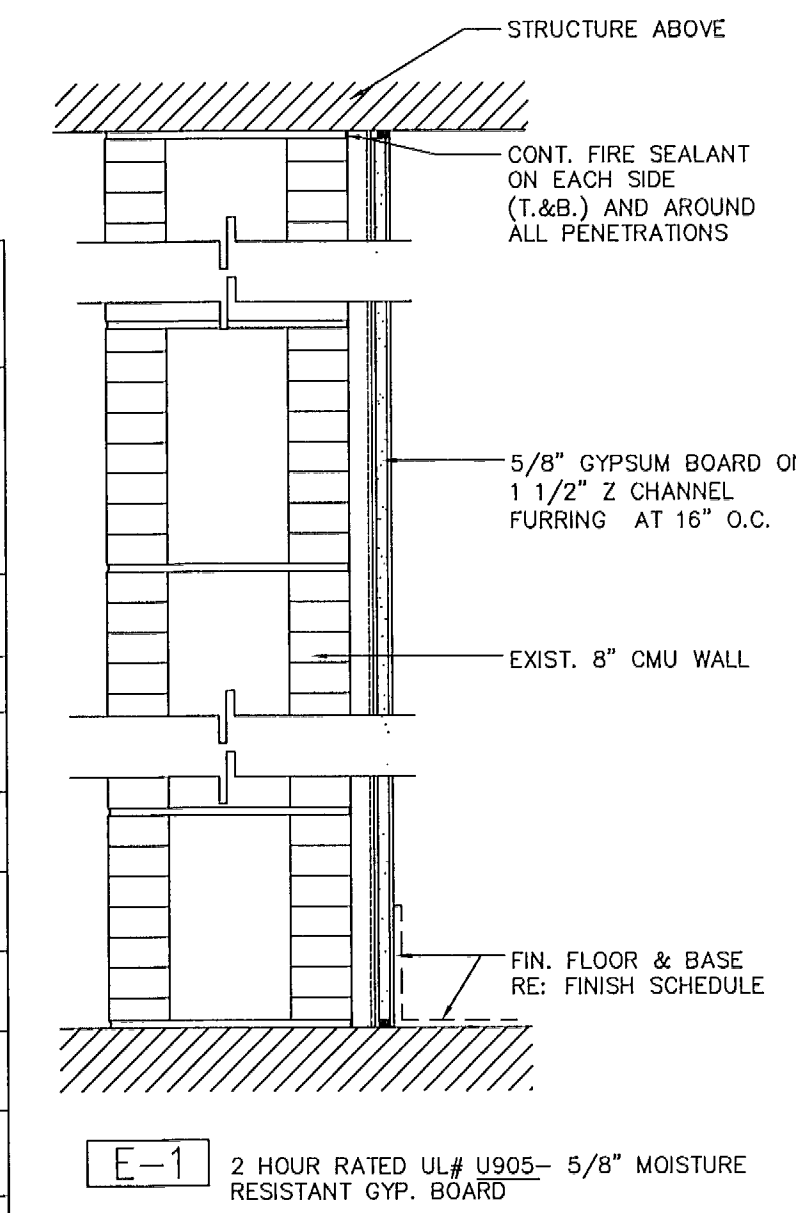
PROJECT ADDRESS:
**1112 - 15 STREET,
MIAMI BEACH, FL.**

CLIENT:
KABOBS

PLANS APPROVED
City of Miami Beach
Fire Prevention Division

DRAWING TITLE:
**ARCHITECTURAL
DETAILS**

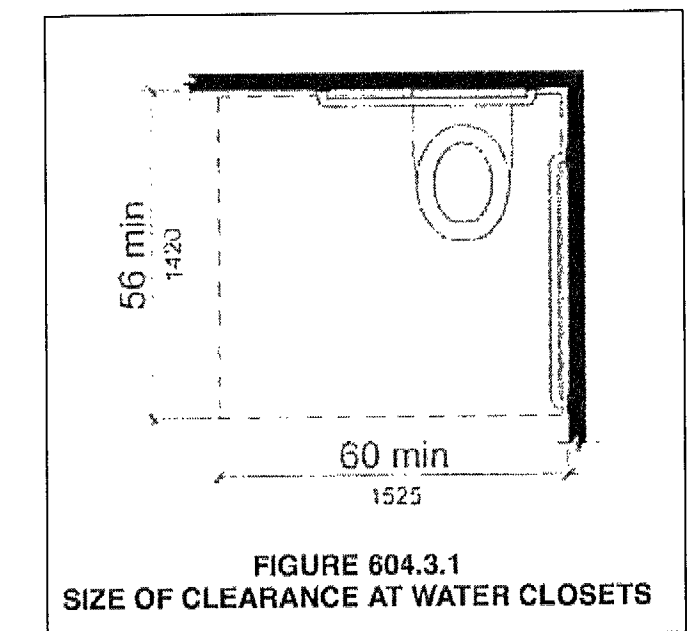
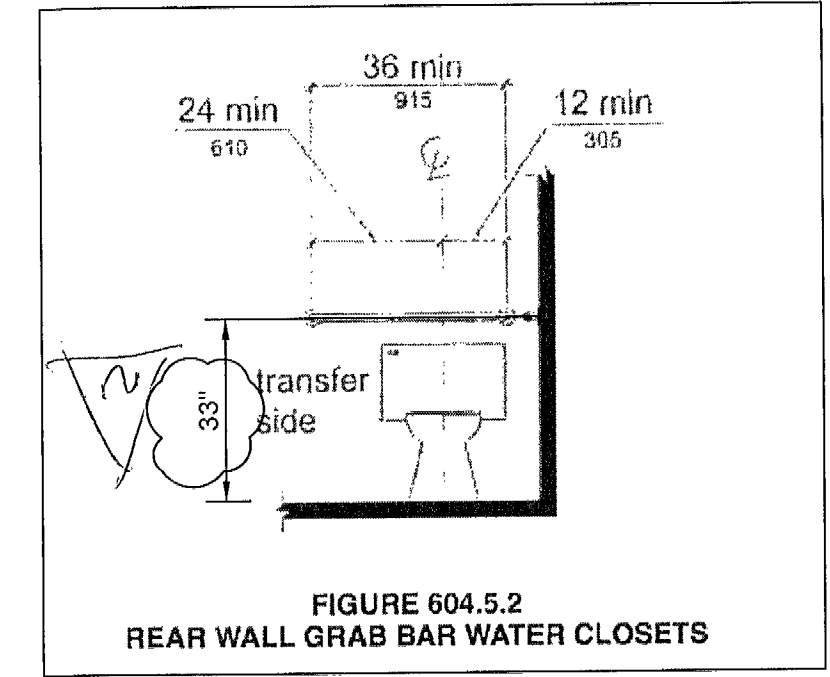
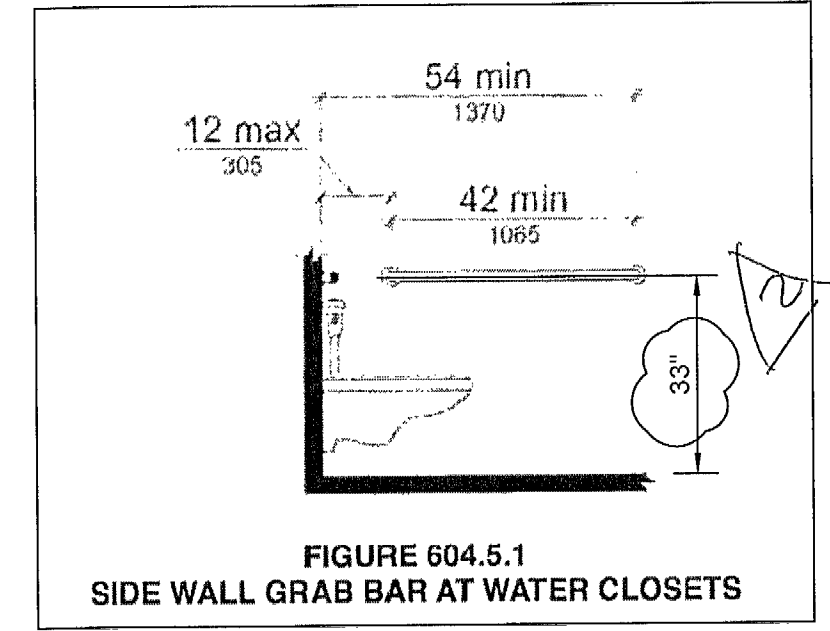
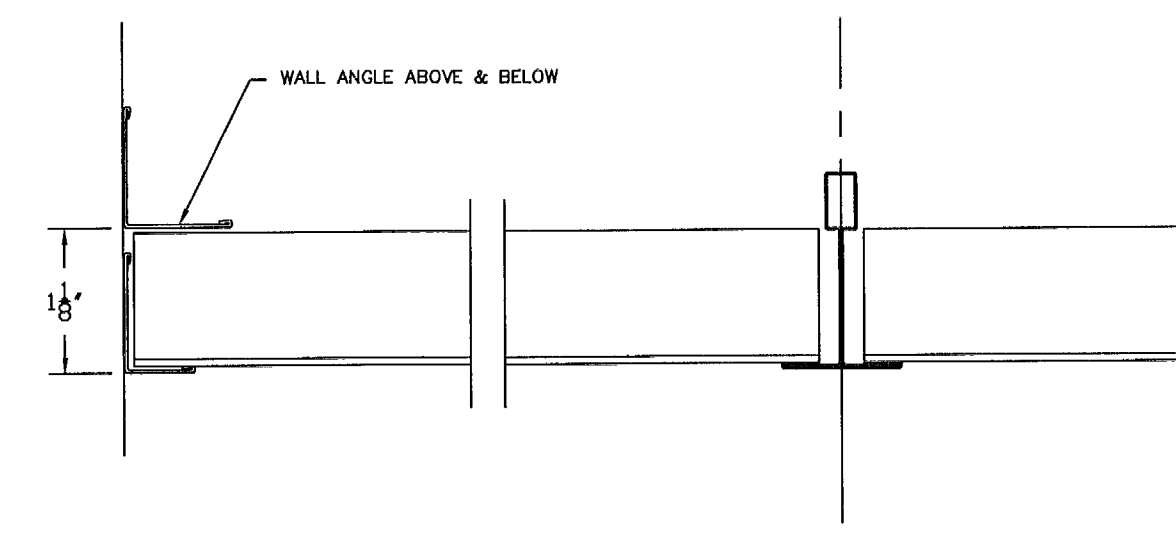
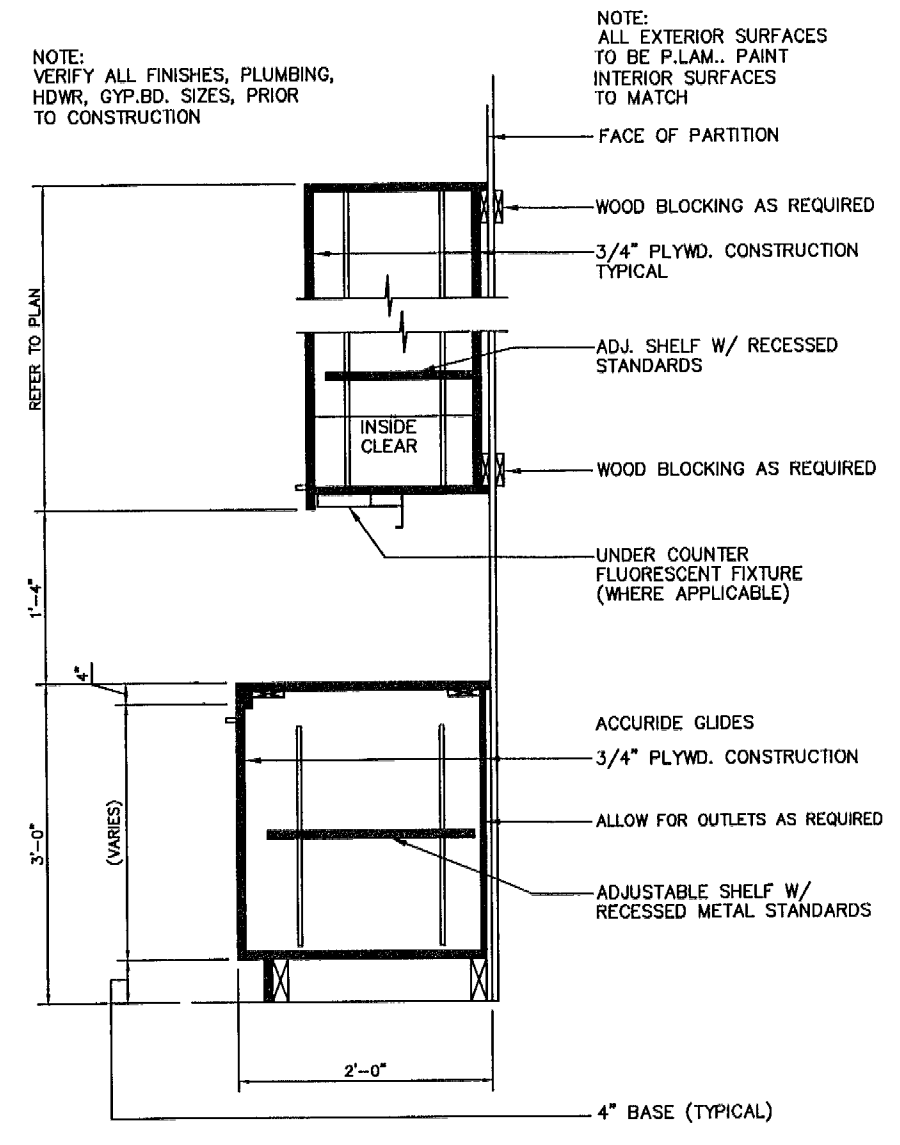
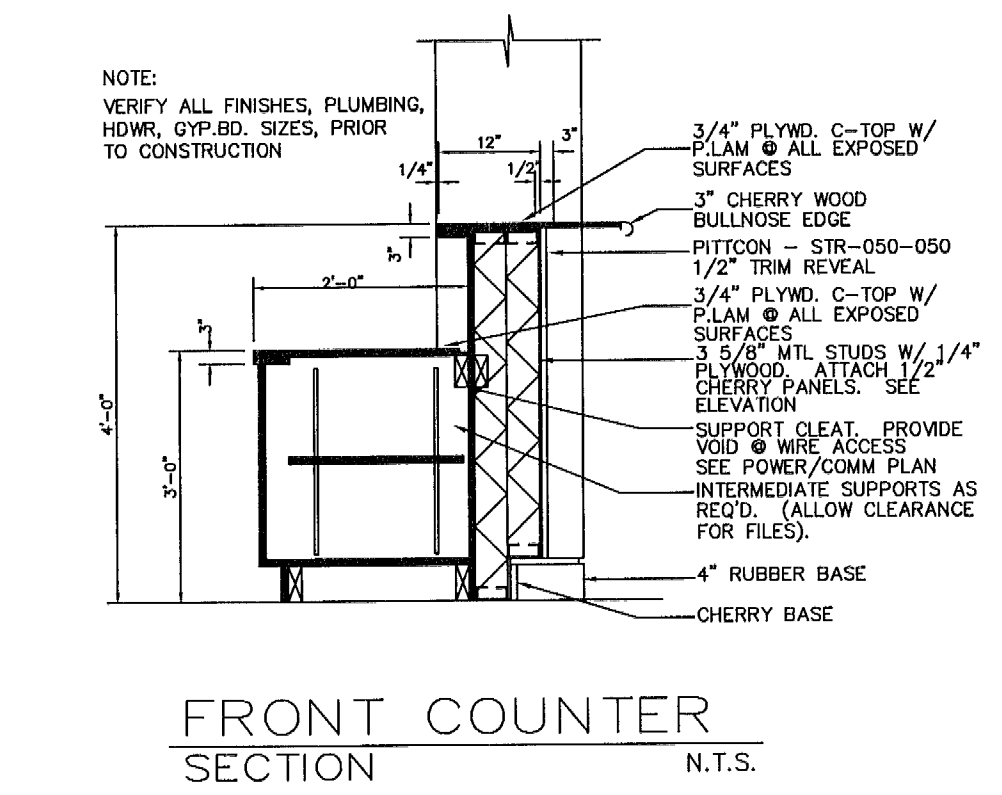
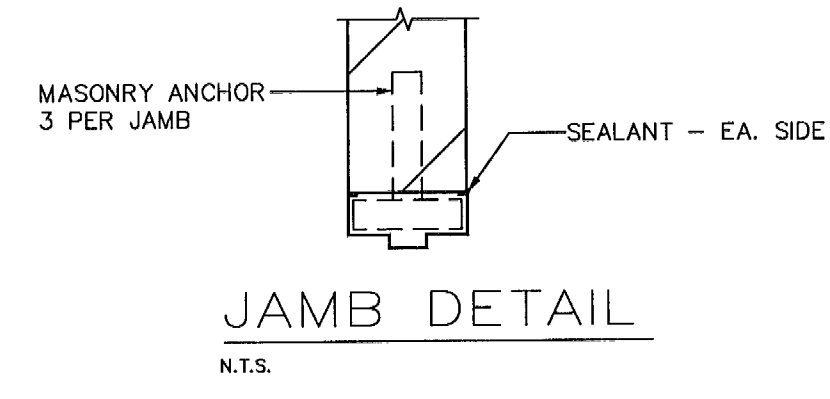
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PROJECT NUMBER: 2015-109			
DATE: 10-06-2015			
DRAWN BY: EF			
APPROVED BY: R.J.P.			
SHEET NUMBER			
A-6			
6	of 7	 3/11/2016	



- NOTES:**
1. LIMITING HEIGHT FOR 5/8" GYPSUM PANELS AND 5 PSF UNIFORM LOAD PERPENDICULAR TO PARTITION OR FURRING.
 2. USE ONE-LAYER HEIGHTS FOR UNBALANCED ASSEMBLIES. USE TWO-LAYER HEIGHTS FOR MULTI-LAYER ASSEMBLIES.
 3. FOR FURRING, STUD ATTACHED TO TOP AND BOTTOM RUNNERS AND FREE-STANDING UP TO 12'-0" HEIGHT.
 4. *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.
 5. 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.
 6. GENERAL CONTRACTOR TO CONSULT STUD MANUFACTURER FOR ACTUAL PHYSICAL AND STRUCTURAL PROPERTIES, STUD THICKNESSES AND LIMITING HEIGHT TABLES TO DETERMINE FINAL STUD SELECTION.

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. DEFL.	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 L/360	9'6" d 8'3" d	10'6" d 9'0" d	8'3" d 7'3" d
		24"	L/360 L/360	8'3" d 7'3" d	8'9" f 8'0" d	7'3" d 6'3" d
212ST25	2 1/2"	16"	L/360 L/360	12'6" d 10'9" d	13'6" d 11'9" d	11'0" d 9'9" d
		24"	L/360 L/360	10'9" d 9'6" d	11'3" f 10'3" d	9'9" d 8'6" d
358ST25	3 5/8"	16"	L/360 L/360	16'0" d 14'0" d	16'9" f 14'9" d	14'6" d* 12'9" d*
		24"	L/360 L/360	13'6" f 12'3" d	13'6" f 13'0" d	12'9" d* 11'0" d
400ST25	4"	16"	L/360 L/360	17'3" d 15'0" d	17'3" f 15'9" d	15'9" d* 13'9" d
		24"	L/360 L/360	14'3" f 13'0" d	14'3" f 13'9" d	13'9" d* 12'0" d
600ST25	6"	16"	L/360 L/360	20'0" f 20'0" f	20'0" f 20'0" f	20'0" f* 18'9" f
		24"	L/360 L/360	15'0" v 15'0" v	15'0" v 15'0" v	15'0" v* 15'0" v*
22 GAUGE (.0270 MIN.)						
212ST22	2 1/2"	16"	L/360 L/360	13'0" d 11'6" d	14'0" d 12'3" d	12'0" d 10'6" d
		24"	L/360 L/360	11'6" d 10'0" d	12'3" d 10'6" d	10'6" d 9'3" d
358ST22	3 5/8"	16"	L/360 L/360	17'3" d 15'0" d	18'0" d 15'9" d	16'0" d* 14'0" d*
		24"	L/360 L/360	15'0" d 13'0" d	15'9" d 13'9" d	14'0" d* 12'3" d*
400ST22	4"	16"	L/360 L/360	18'6" d 16'3" d	19'3" d 16'9" d	17'3" d* 15'0" d
		24"	L/360 L/360	16'3" d 14'0" d	16'9" d 14'9" d	15'0" d* 13'3" d
600ST22	6"	16"	L/360 L/360	25'3" d 22'0" d	26'0" d 22'9" d	23'9" d* 20'9" d
		24"	L/360 L/360	22'0" d 19'3" d	22'9" d 19'9" d	20'9" d* 18'3" d
20 GAUGE (.0329 MIN.)						
212ST22	2 1/2"	16"	L/360 L/360	14'0" d 12'3" d	14'9" d 13'0" d	13'0" d* 11'6" d
		24"	L/360 L/360	12'3" d 10'9" d	13'0" d 11'3" d	11'6" d 10'0" d
358ST22	3 5/8"	16"	L/360 L/360	18'3" d 16'0" d	19'0" d 16'6" d	17'3" d* 15'0" d*
		24"	L/360 L/360	16'0" d 14'0" d	16'6" d 14'6" d	15'0" d* 13'3" d
400ST22	4"	16"	L/360 L/360	19'6" d 17'3" d	20'3" d 17'9" d	18'9" d* 16'3" d
		24"	L/360 L/360	17'3" d 15'0" d	17'9" d 15'6" d	16'3" d* 14'3" d*
600ST22	6"	16"	L/360 L/360	26'6" d 23'3" d	27'6" d 24'0" d	25'6" d* 22'3" d*
		24"	L/360 L/360	23'3" d 20'3" d	24'0" d 21'0" d	22'3" d* 19'6" d*

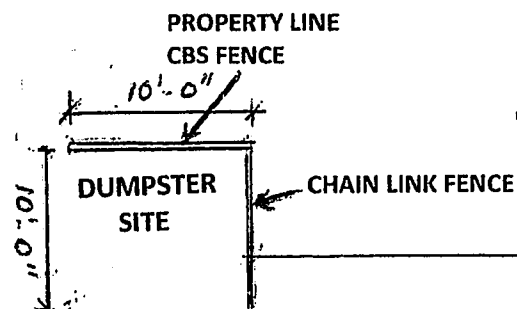
TYPICAL LIMITING HEIGHTS - CHASE WALL PARTITIONS TABLE 2				
STUD DESIGN	STUD WIDTH	STUD SPACING	ALLOW. DEFL.	PARTITION HEIGHT
20 GAUGE (.0329 MIN.)				
600CH20	6"	24"	L/360	20'11" d 21'2" d



B1601044

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

147'-9"



PAPA JOHN'S

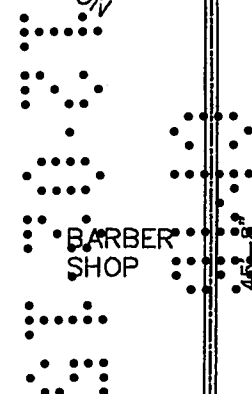
MALL

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

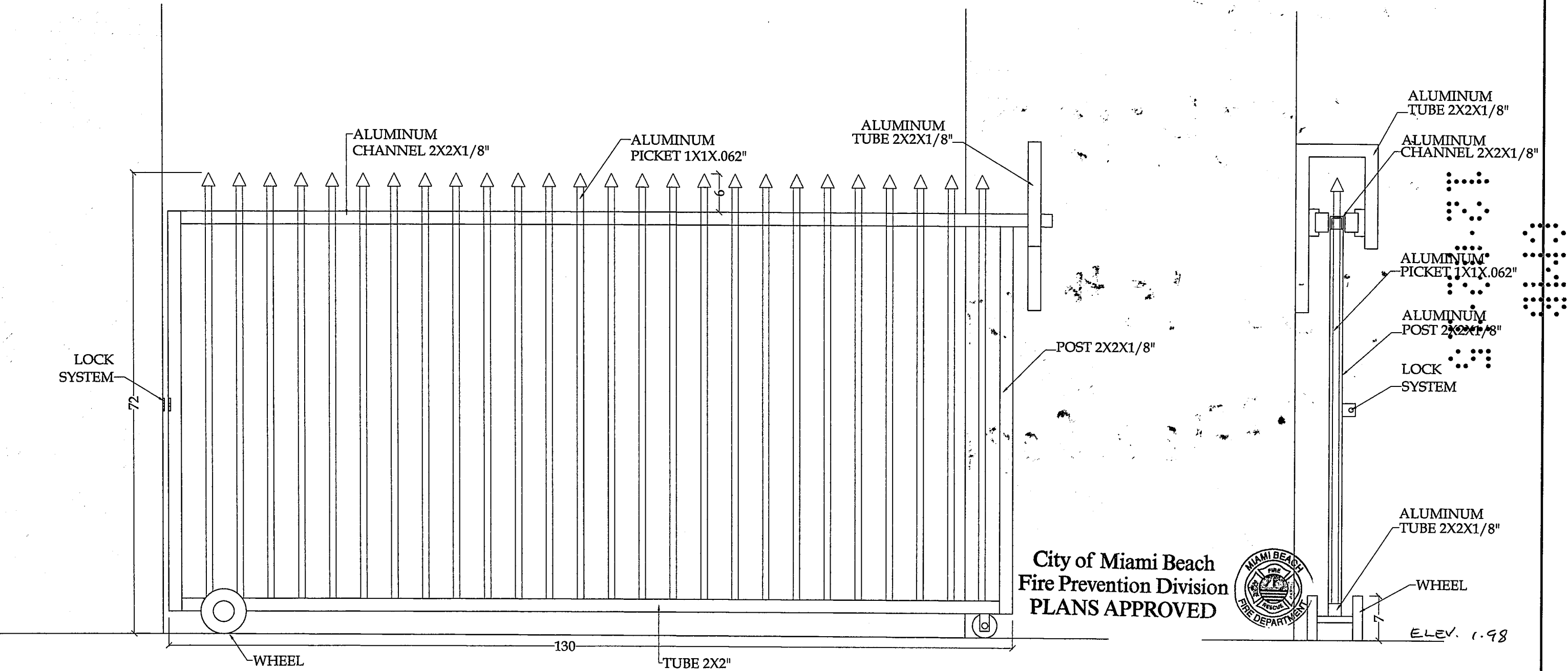
NEW DUMPSTER GATE

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 15th ST

Office Copy

PERMIT NUMBER

B 9500.334

ADDRESS

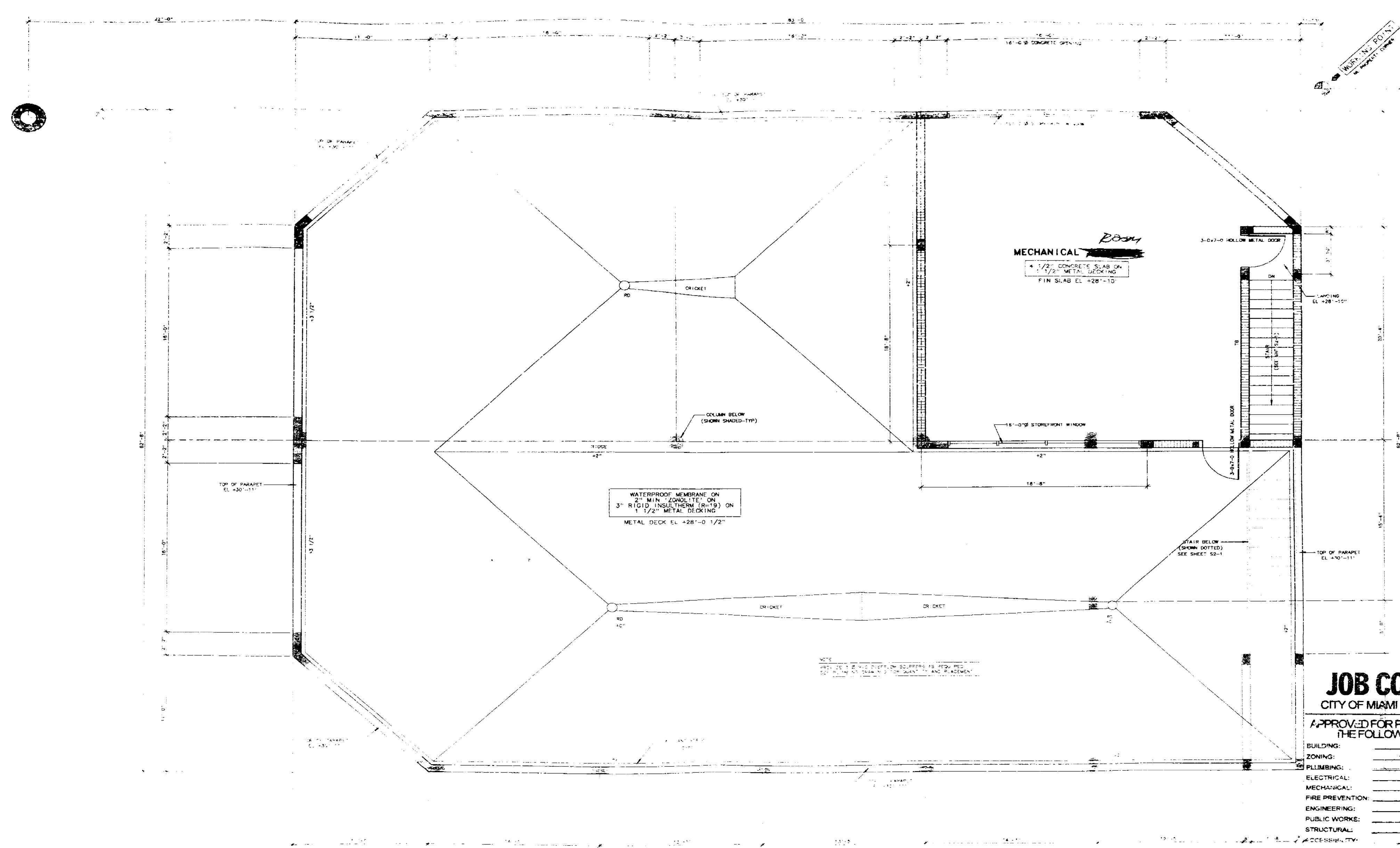
45

REF: 2. KAWAIAE STATE
RE: RETAINED ESTATE
D. KAWAIAE STATE



CIVESQUARE

DESIGN REVIEW BOARD
BOARD APPROVAL _____
DIRECTOR APPROVAL _____
APPR. _____ IN _____
COMMENTS _____
NOT APPROVED: _____
DATE: _____
BY: _____



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:	

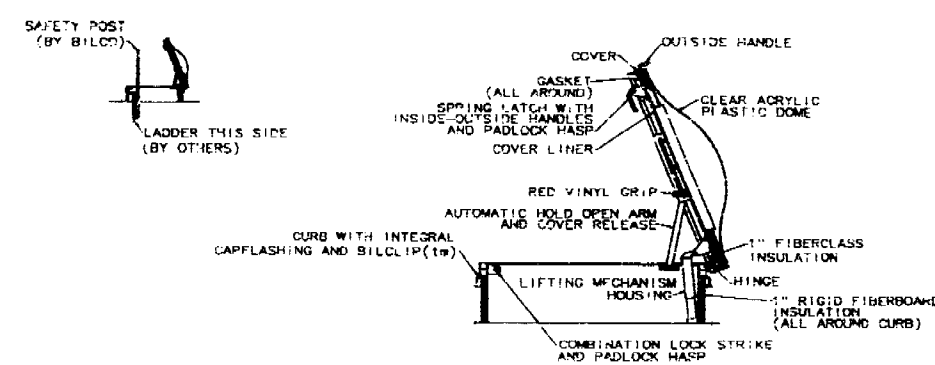
DATE: 28 AUG 93

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

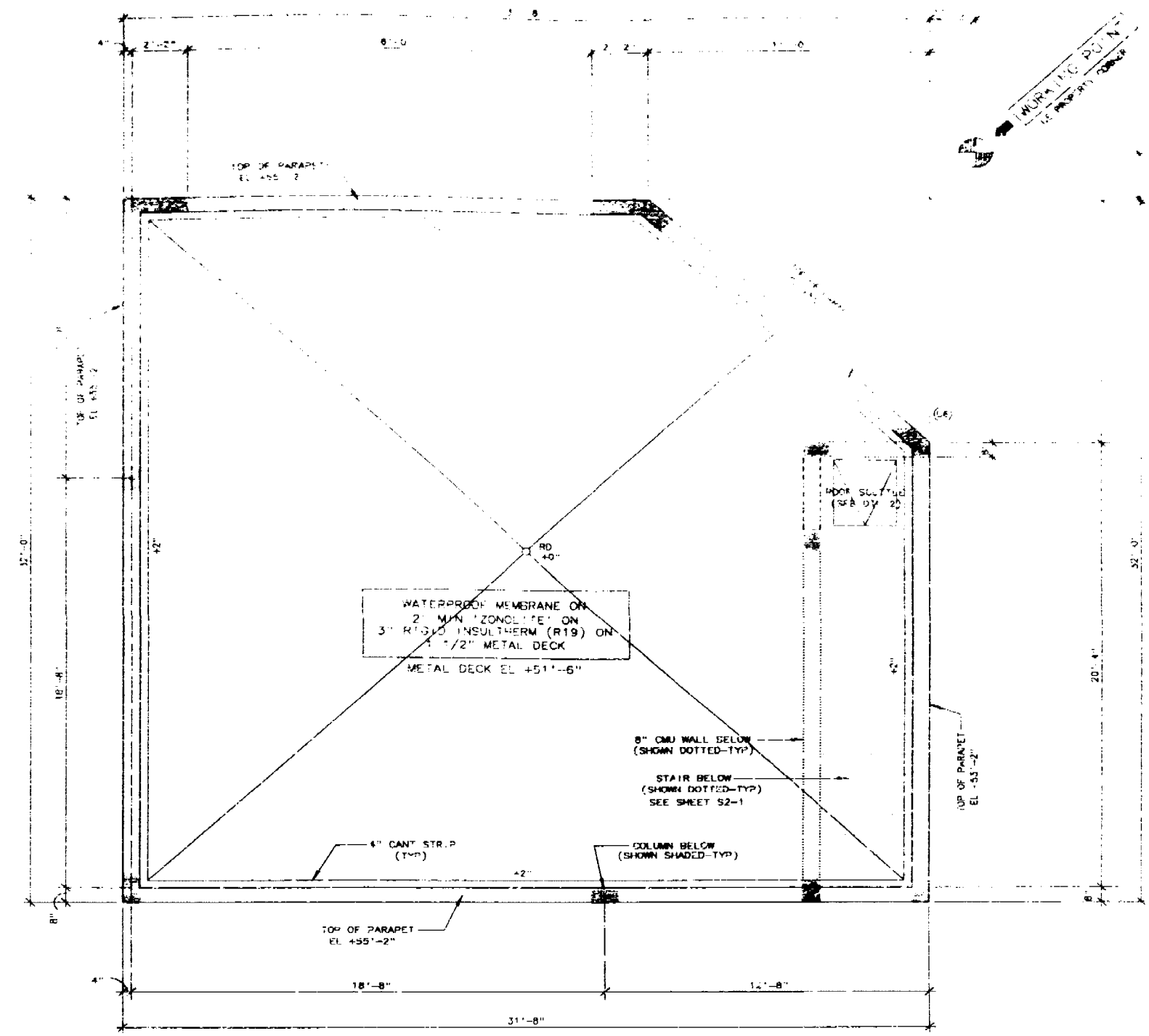
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SILVERSQUARE
1100 5TH STREET MIAMI BEACH, FLORIDA
BLDG #1 MAIN ROOF & PH FLOOR PLAN

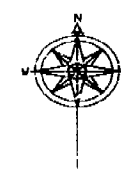
42-2



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



① PENTHOUSE ROOF PLAN
1/4\"/>



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CITY OF MIAMI BEACH
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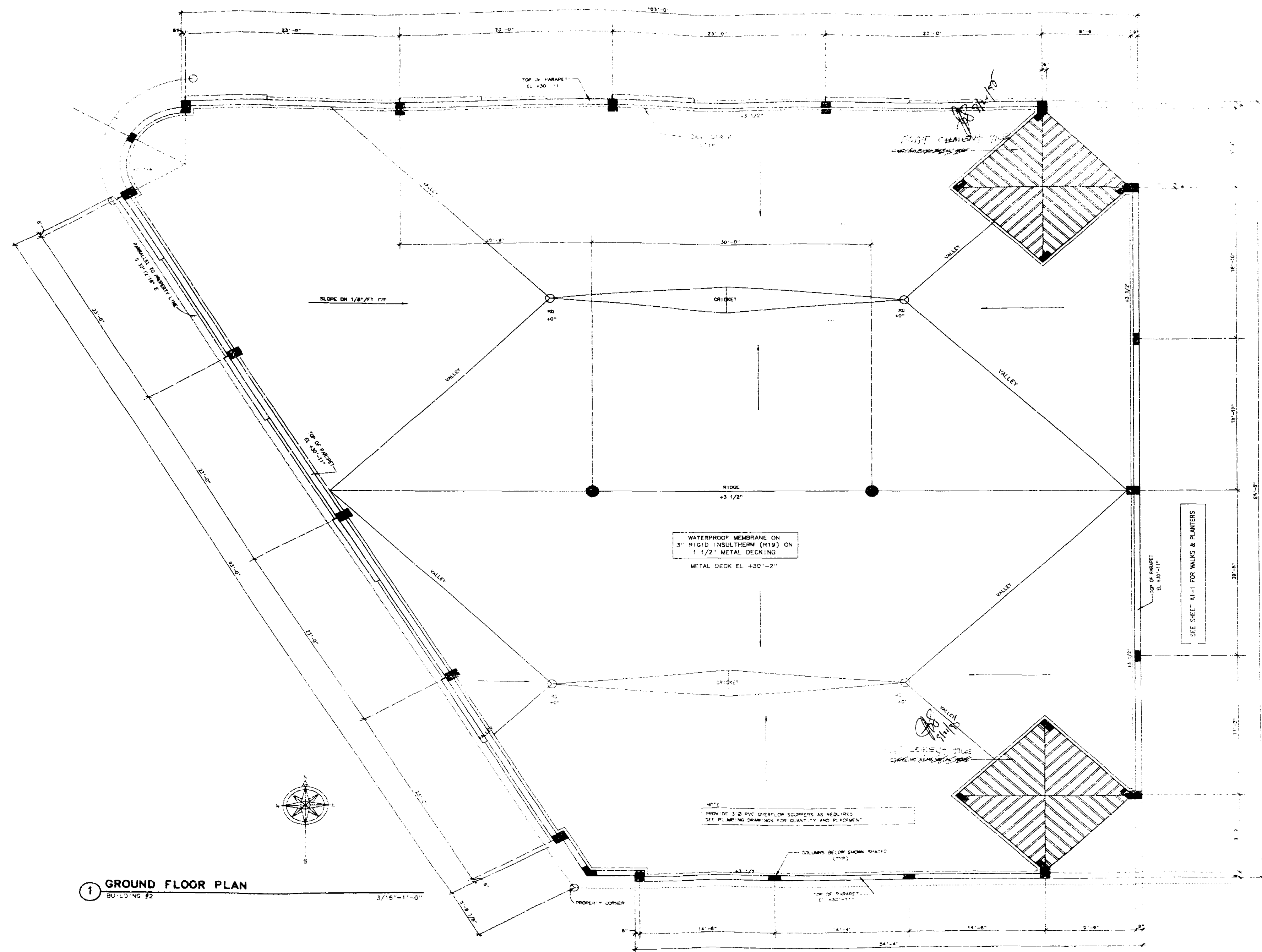
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FIRE PREVENTION:	_____
ENGINEERING:	_____
PUBLIC WORKS:	_____
STRUCTURAL:	_____
ACCESSIBILITY:	_____

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



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 CITY OF MIAMI BEACH
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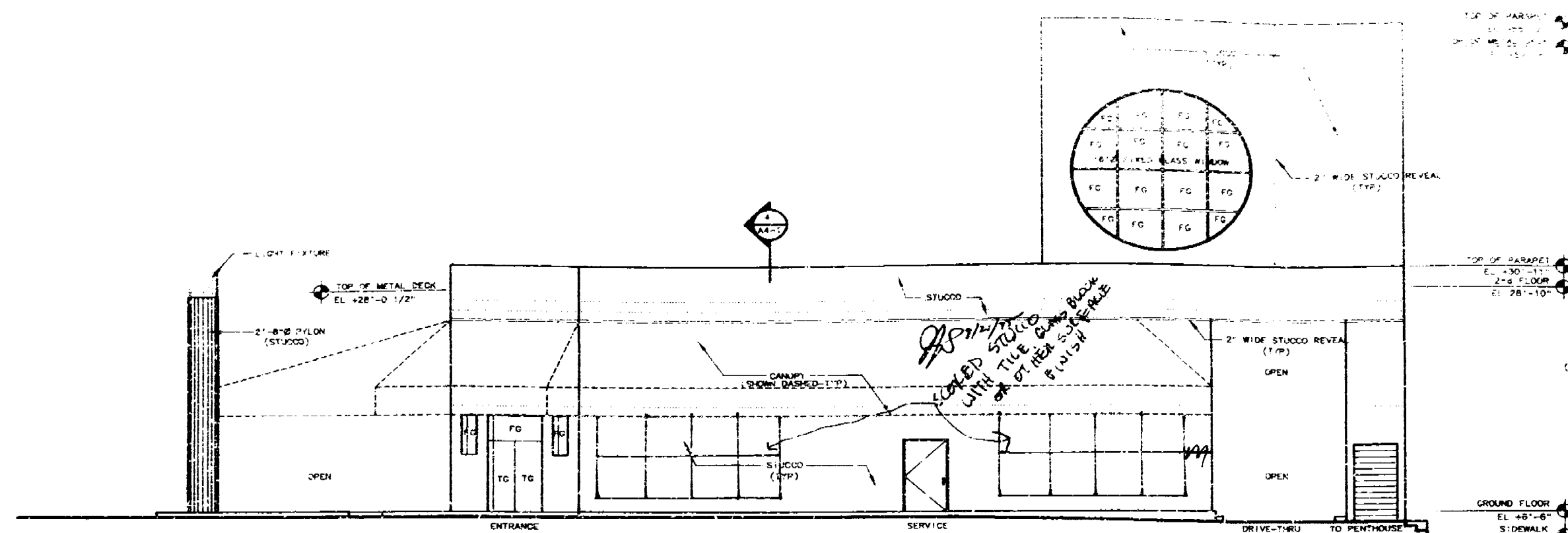
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ACCESSIBILITY:	_____

DATE: 29 AUG 85

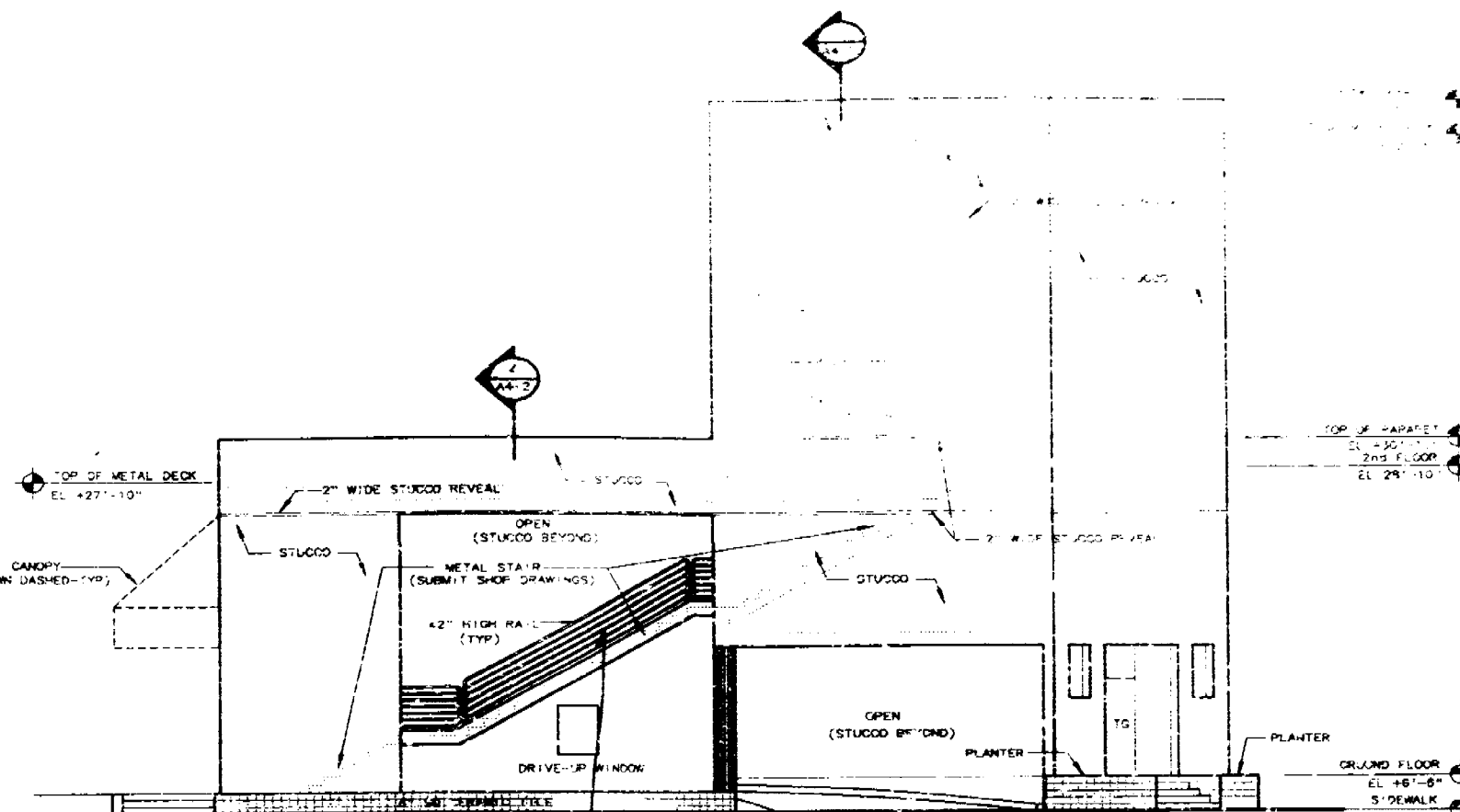
JAMES F. SILVERS & ASSOC., P.A.
 1130-5TH STREET MIAMI BEACH, FLA.
 ARCHITECT/DEVELOPER 305/672-0801

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

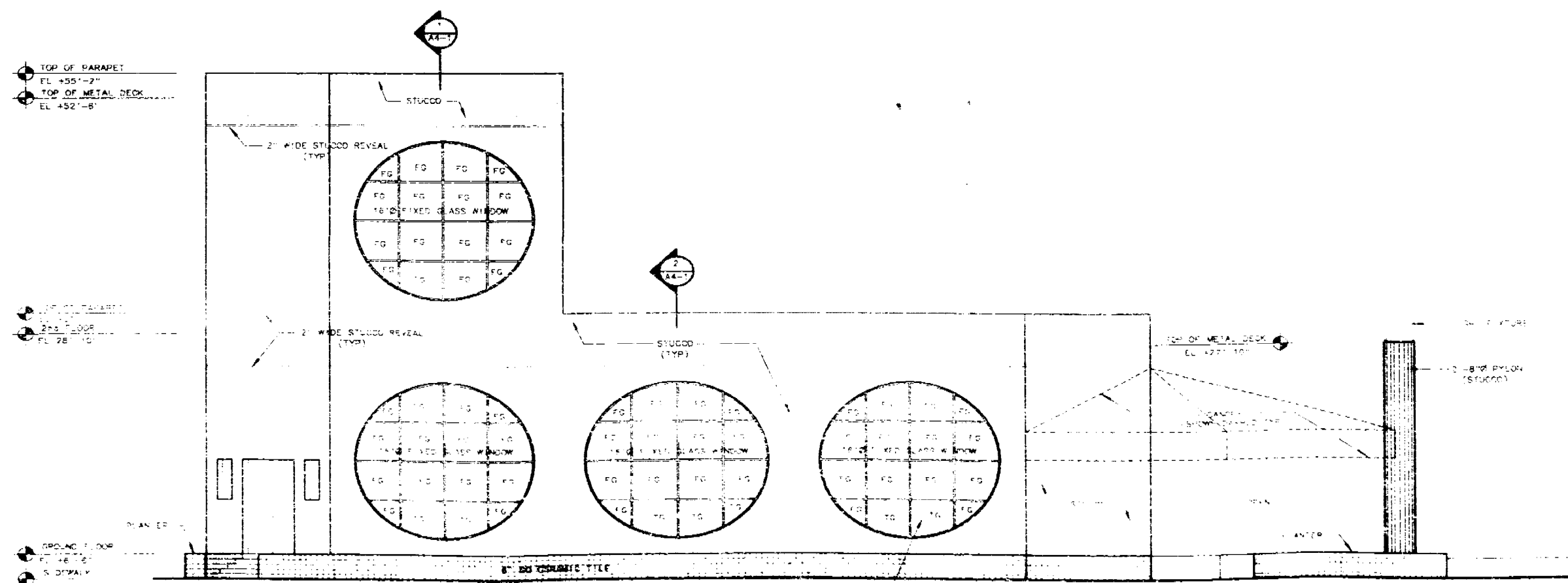
42-5



③ SOUTH ELEVATION
1/8" = 1'-0"



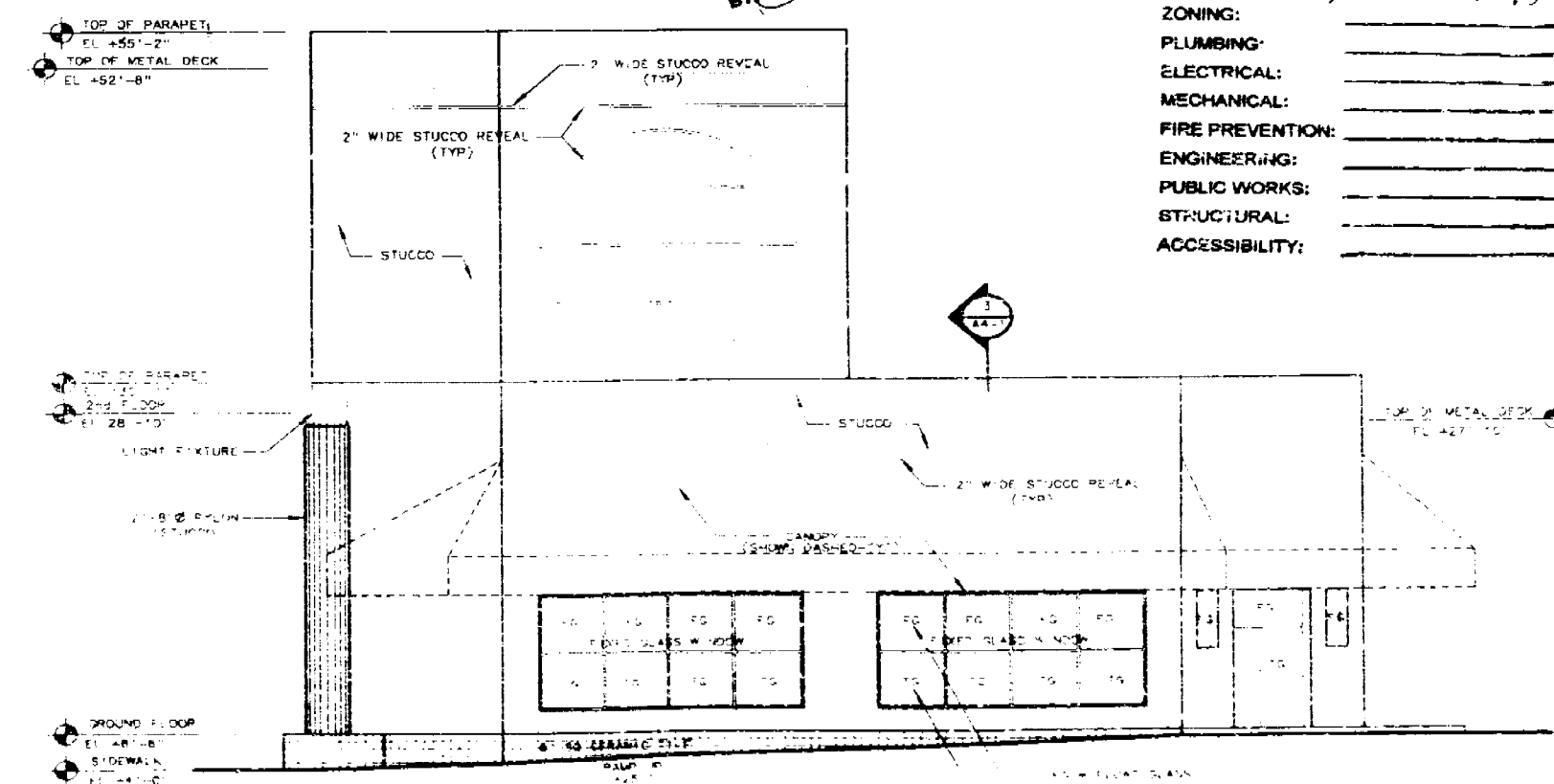
② EAST ELEVATION
1/8" = 1'-0"



④ NORTH ELEVATION
1/8" = 1'-0"

NOTE

PROVIDE TOP GRADE COORDINATE ELEVATION
FOR ALL FLOOR, ROOF, AND FINISH ELEVATIONS.
FLOOR FINISH ELEVATIONS ARE SHOWN IN
PARETHESIS.



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

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CITY OF MIAMI BEACH

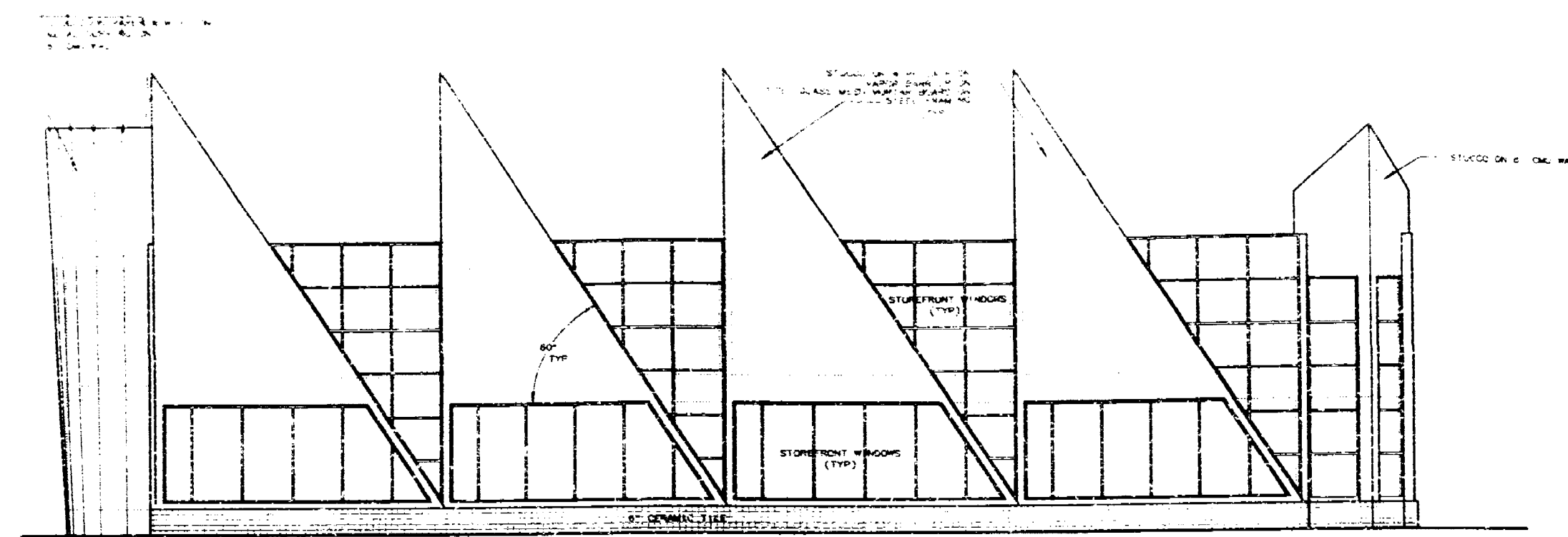
APPROVED FOR PERMIT BY
THE FOLLOWING:

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ZONING: *[Signature]*
PLUMBING: *[Signature]*
ELECTRICAL: *[Signature]*
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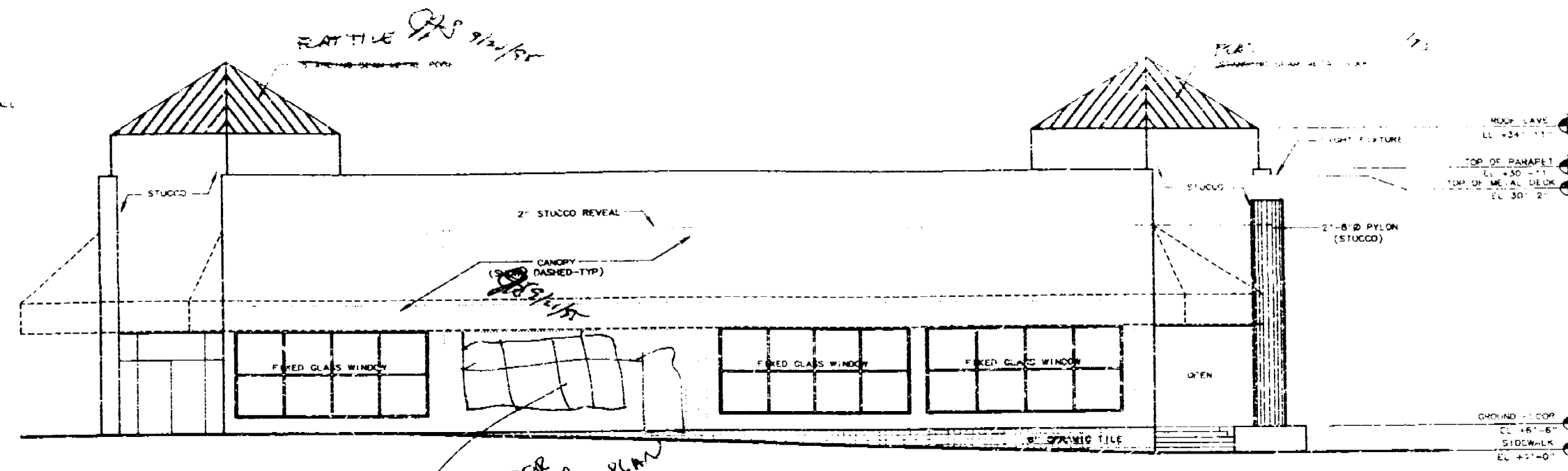
JAMES F. SILVERS & ASSOC., P.A.
1130-5TH STREET MIAMI BEACH, FLA.
ARCHITECT/DEVELOPER 305/672-0801

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

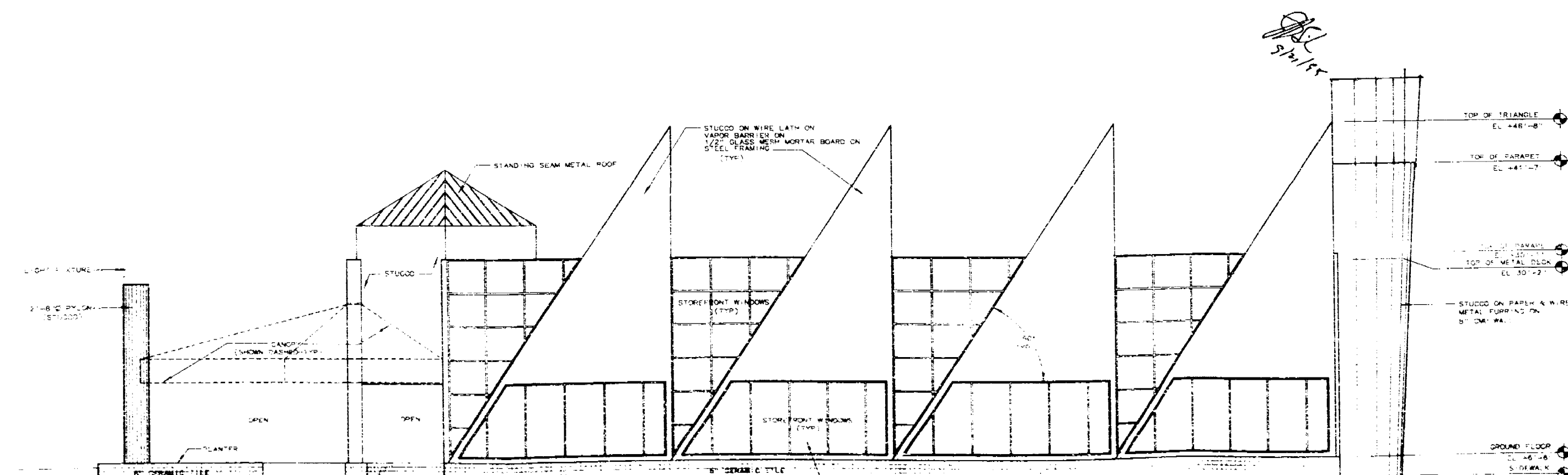
43-1



③ WEST ELEVATION
1/8"=1'-0"

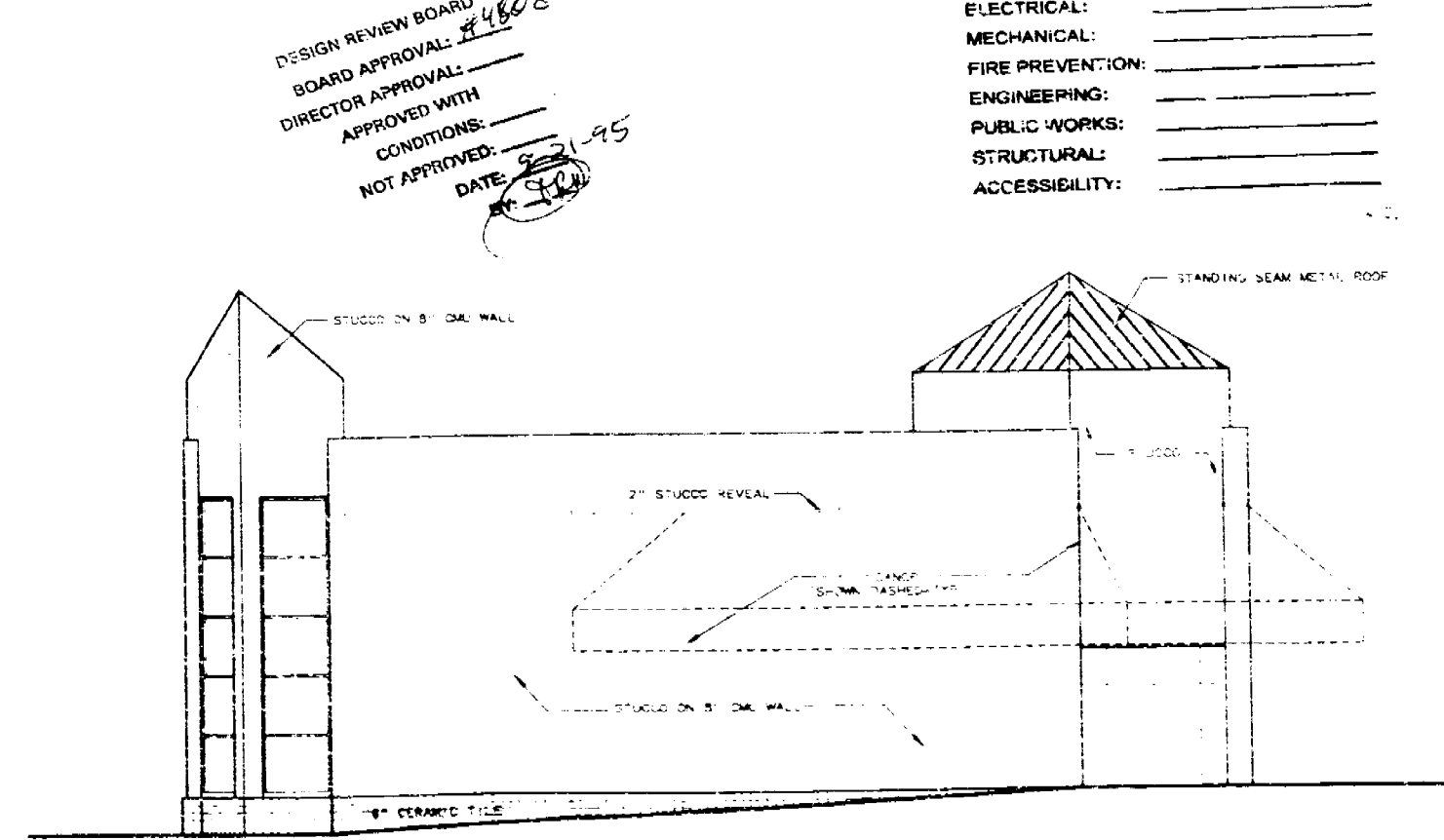


② EAST ELEVATION
1/8"=1'-0"



④ NORTH ELEVATION
1/8"=1'-0"

NOTE
FROM THE EAST ELEVATION, WINDOW SIZES ARE 10' X 10' AND 10' X 12'.



① SOUTH ELEVATION
1/8"=1'-0"

JOB COPY
CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY THE FOLLOWING:

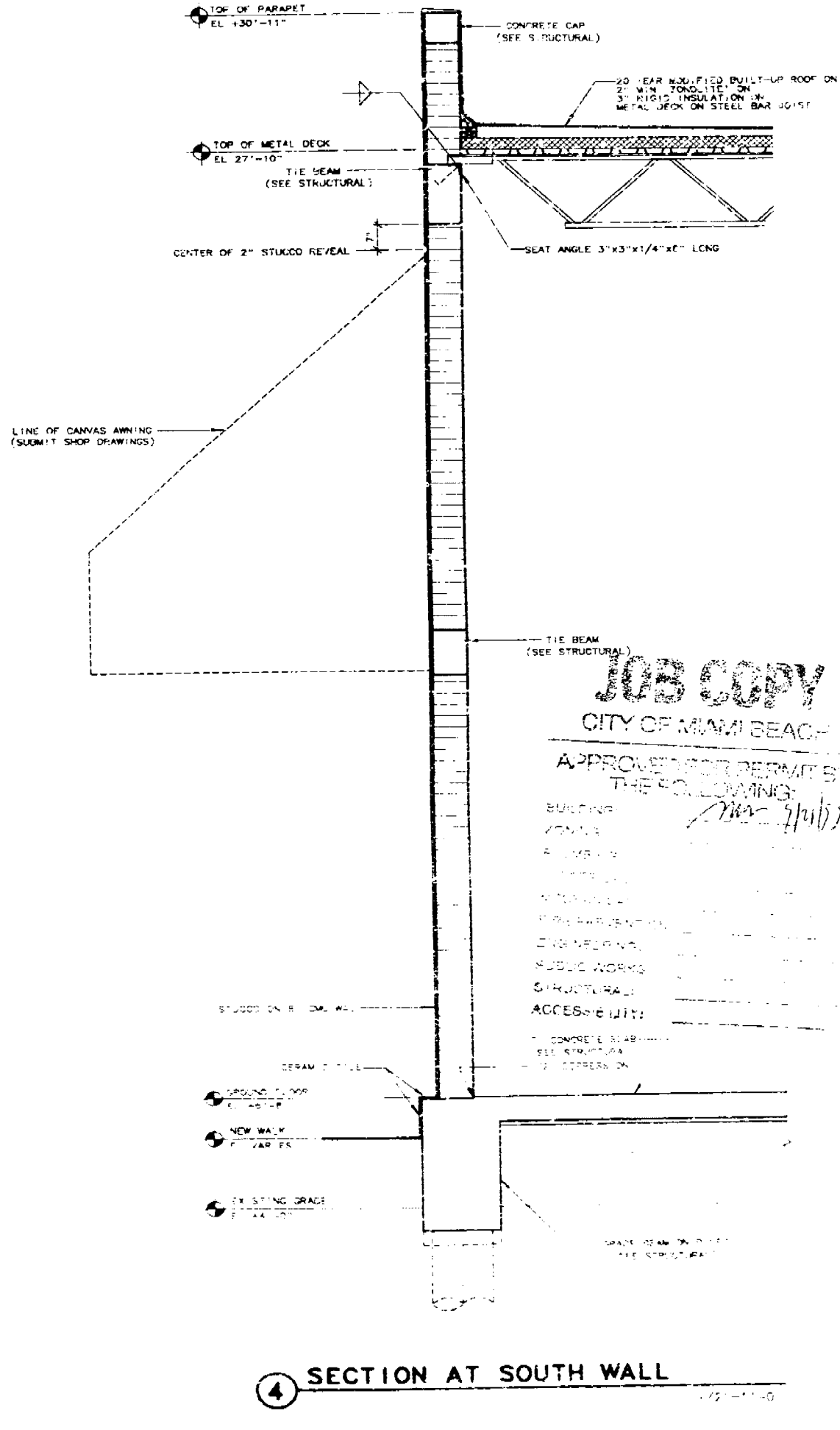
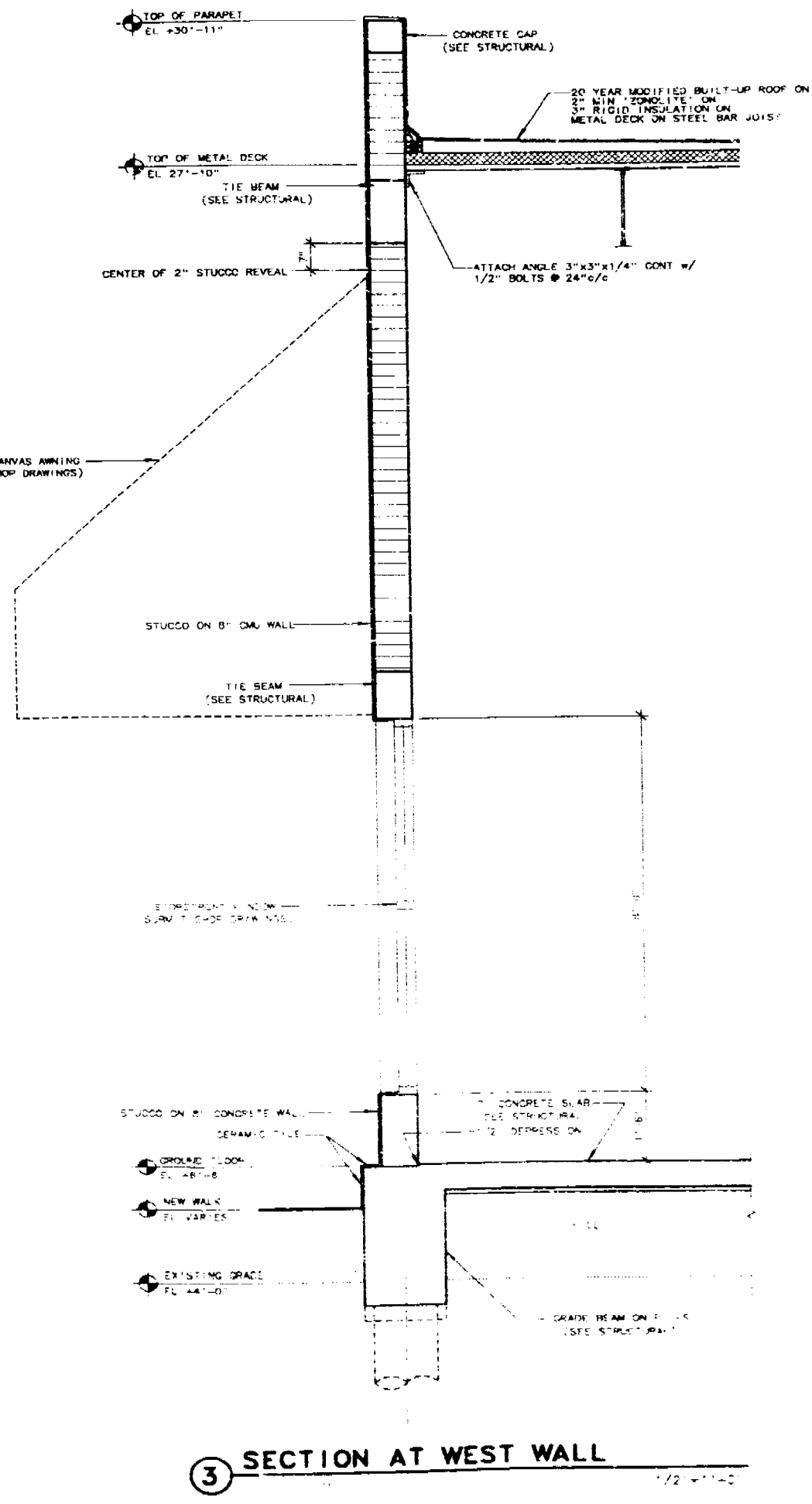
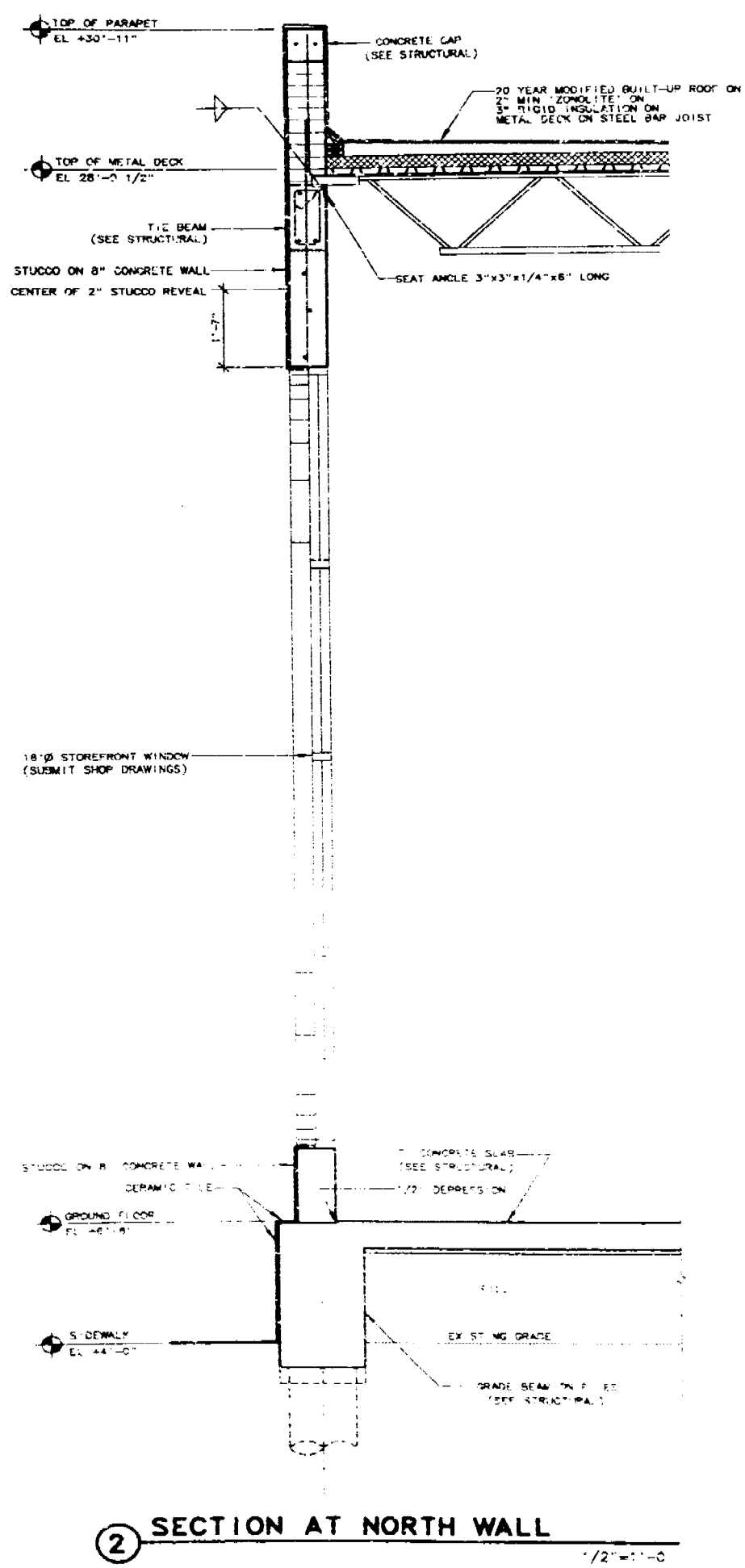
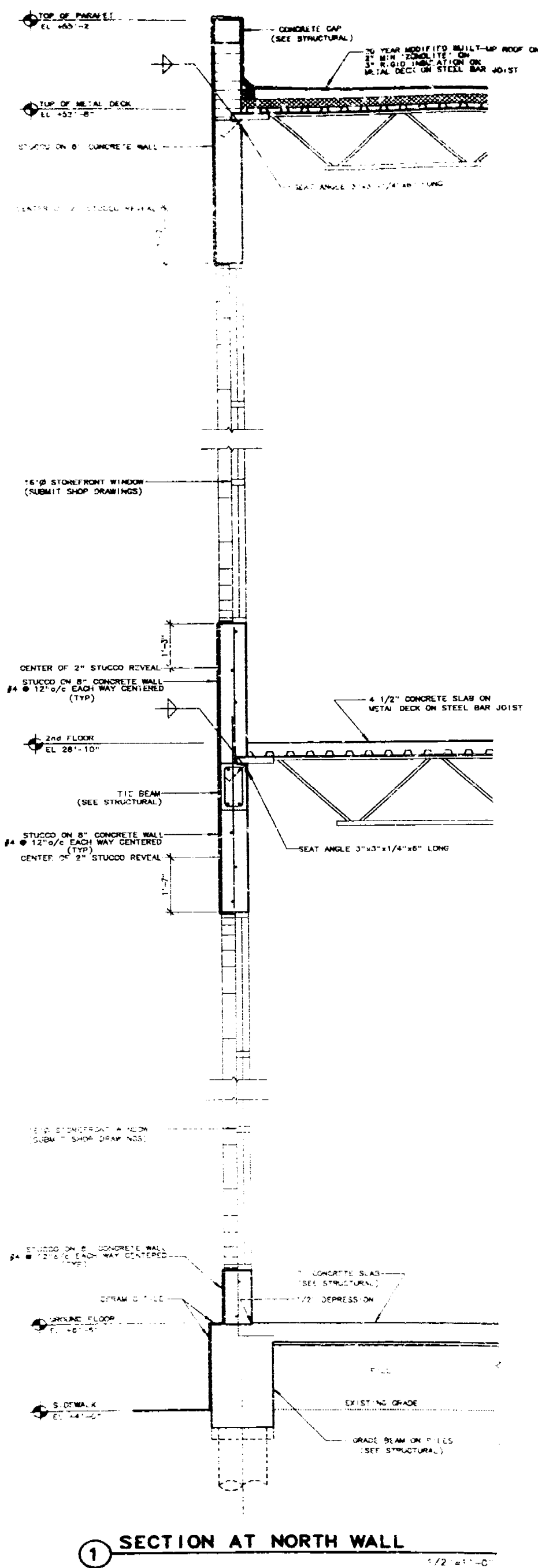
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ZONING:	_____
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MECHANICAL:	_____
FIRE PREVENTION:	_____
ENGINEERING:	_____
PUBLIC WORKS:	_____
STRUCTURAL:	_____
ACCESSIBILITY:	_____

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



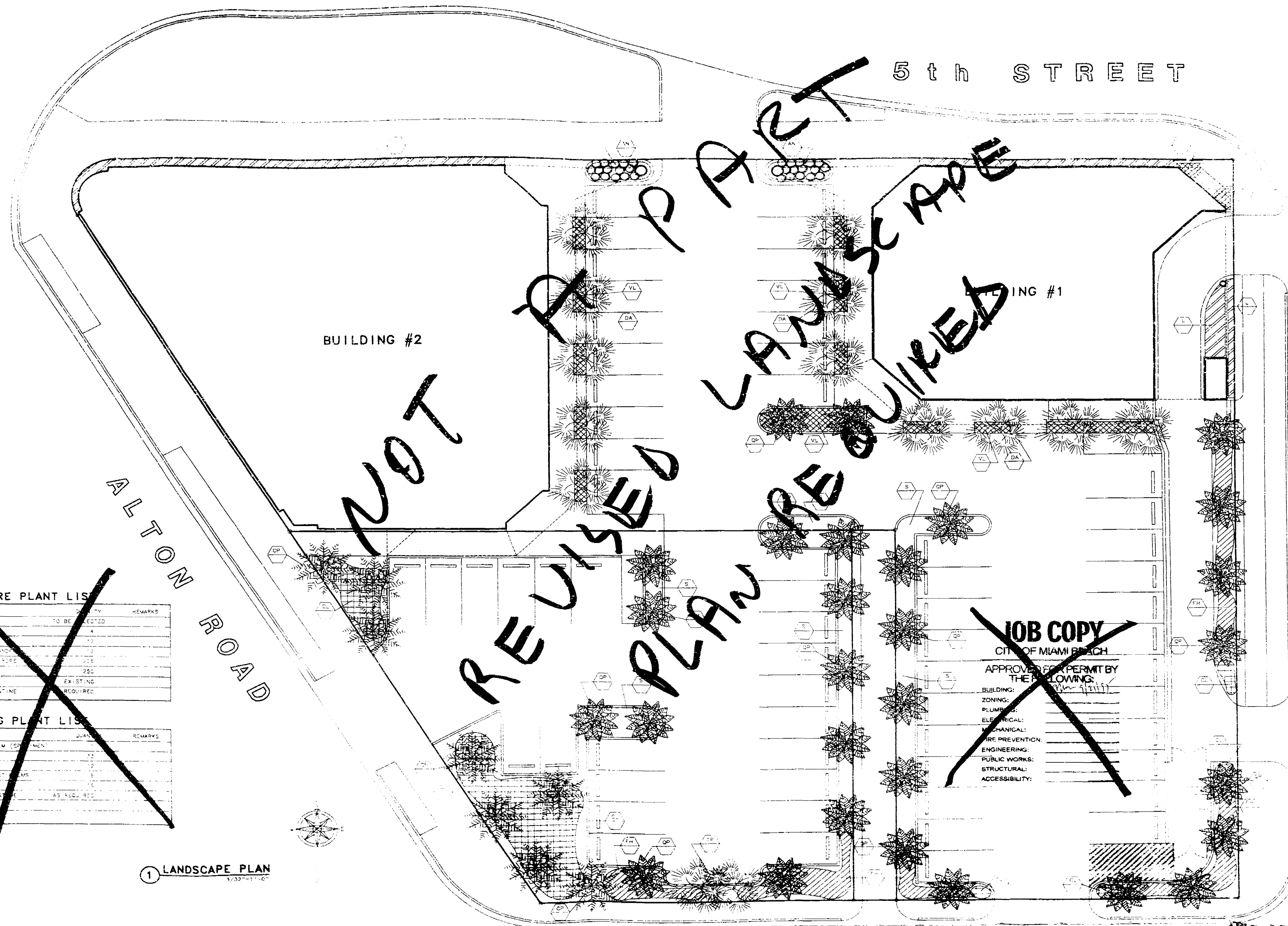
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SILVER SQUARE
1100 5th STREET MIAMI BEACH, FLORIDA
BUILDING #1 SECTIONS

44-1

~~| 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 | VERDANT LILLY | 12 | |
| L | LILY | 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"

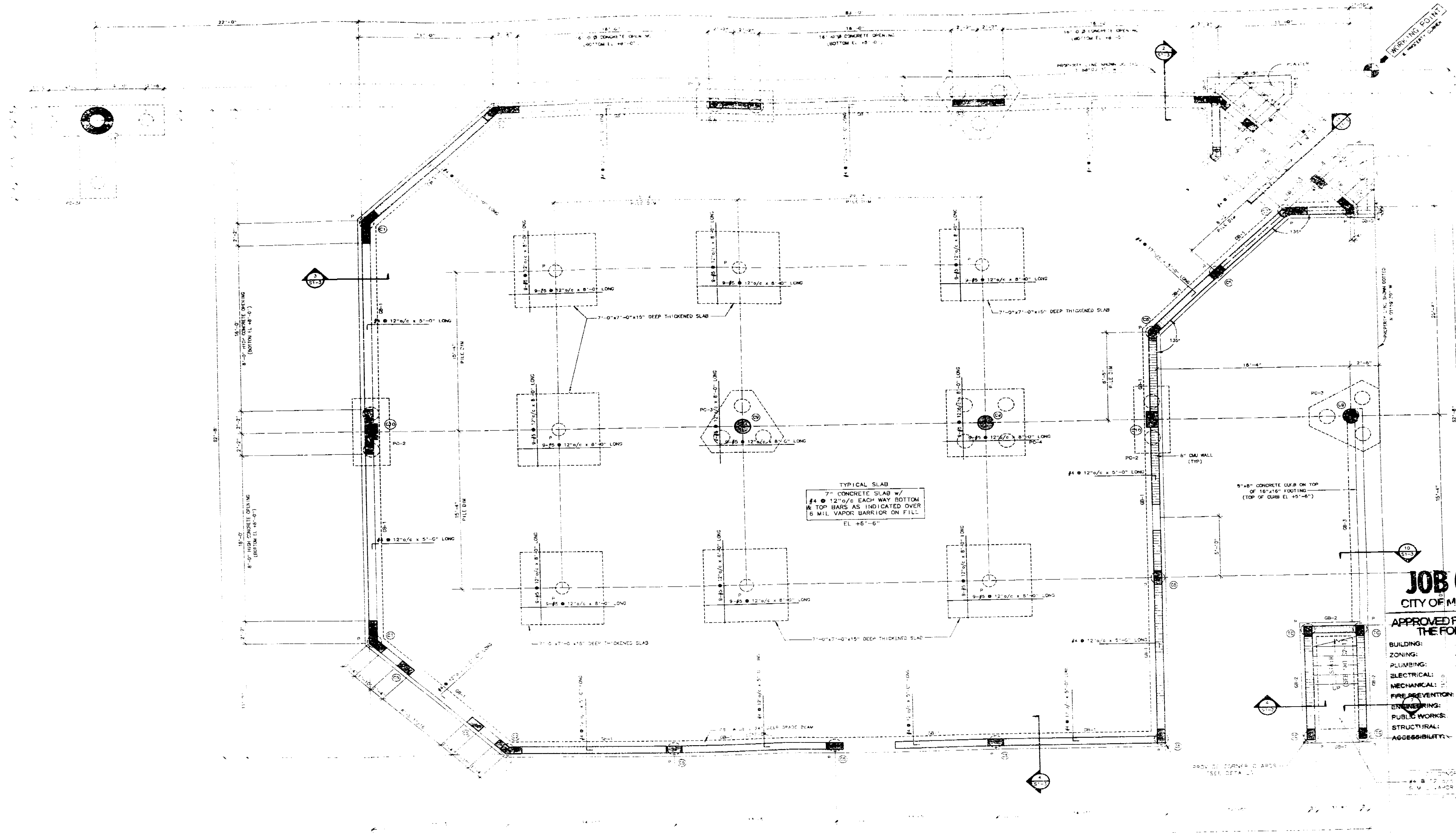


~~JOB COPY
 CITY OF MIAMI BEACH
 APPROVED FOR PERMIT BY
 THE FOLLOWING:
 BUILDING:
 ZONING:
 PLUMBING:
 ELECTRICAL:
 MECHANICAL:
 FIRE PREVENTION:
 ENGINEERING:
 PUBLIC WORKS:
 STRUCTURAL:
 ACCESSIBILITY:~~

LENOX AVENUE

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

JAMES F. SILVERS & ASSOC., P.A.
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1 FOUNDATION & GROUND FLOOR FRAMING PLAN
BUILDING #1
1/4"=1'-0"

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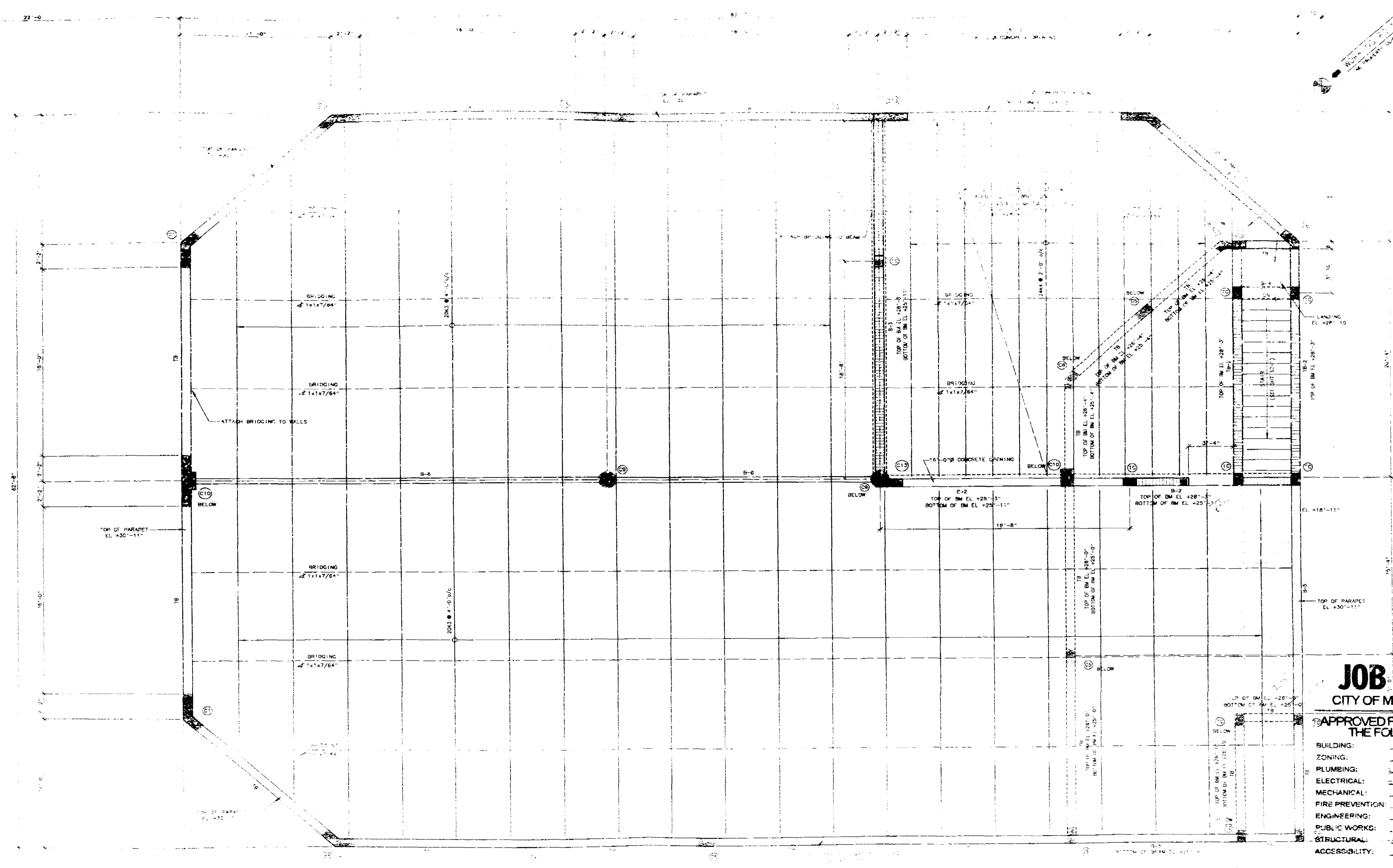
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ZONING:	
PLUMBING:	
ELECTRICAL:	
MECHANICAL:	
FIRE PREVENTION:	
ENGINEERING:	
PUBLIC WORKS:	
STRUCTURAL:	
ACCESSIBILITY:	

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DIFILLIPPO
AIA, PE
5051 672-8312

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ARCHITECT/DEVELOPER 305/672-0801

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

SI-1



① MAIN ROOF & PENTHOUSE FRAMING PLAN
BUILDING #1

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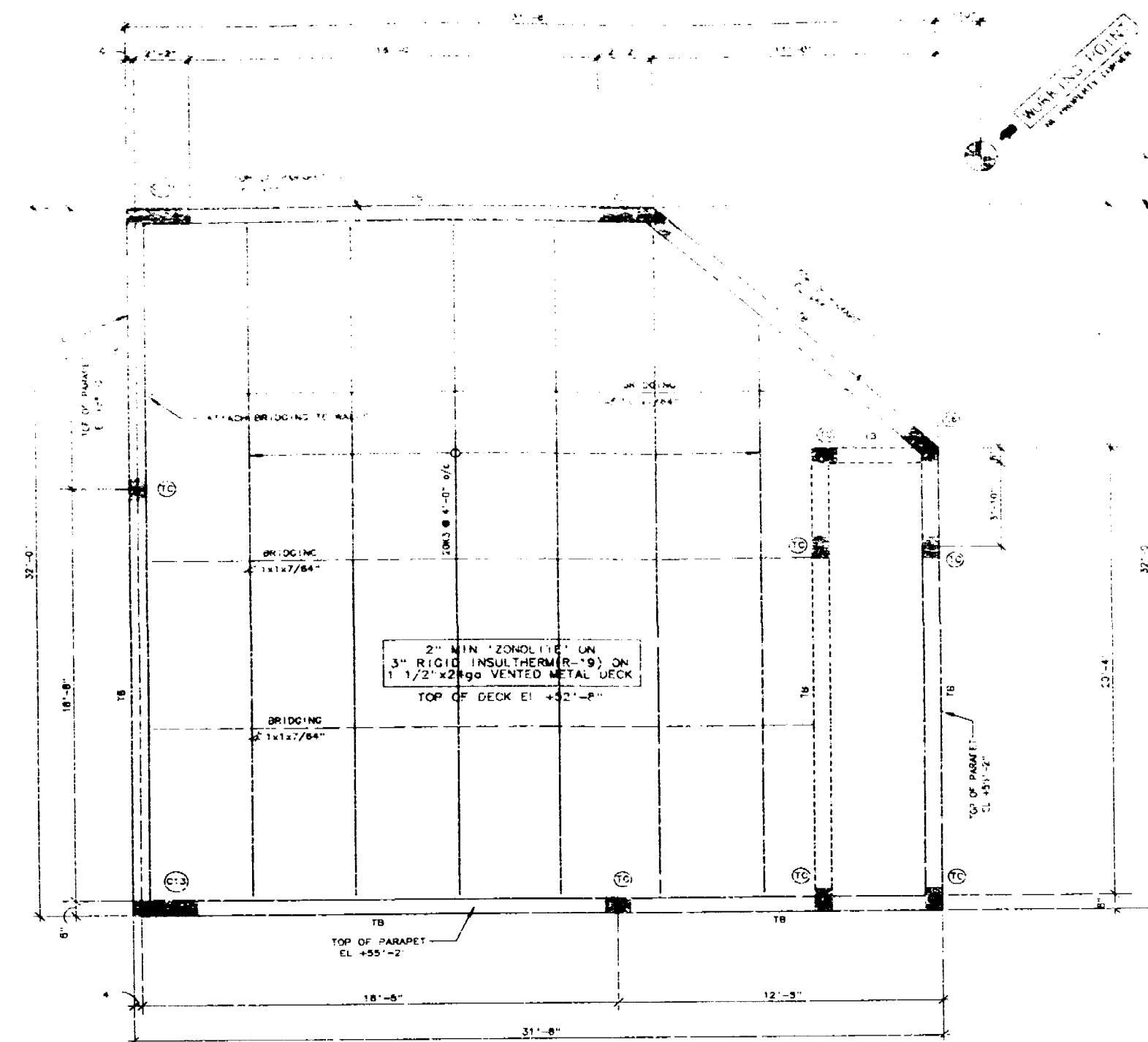
BUILDING:	
ZONING:	
PLUMBING:	
ELECTRICAL:	
MECHANICAL:	
FIRE PREVENTION:	
ENGINEERING:	
PUBLIC WORKS:	
STRUCTURAL:	
ACCESSIBILITY:	

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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

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CITY OF MIAMI BEACH

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

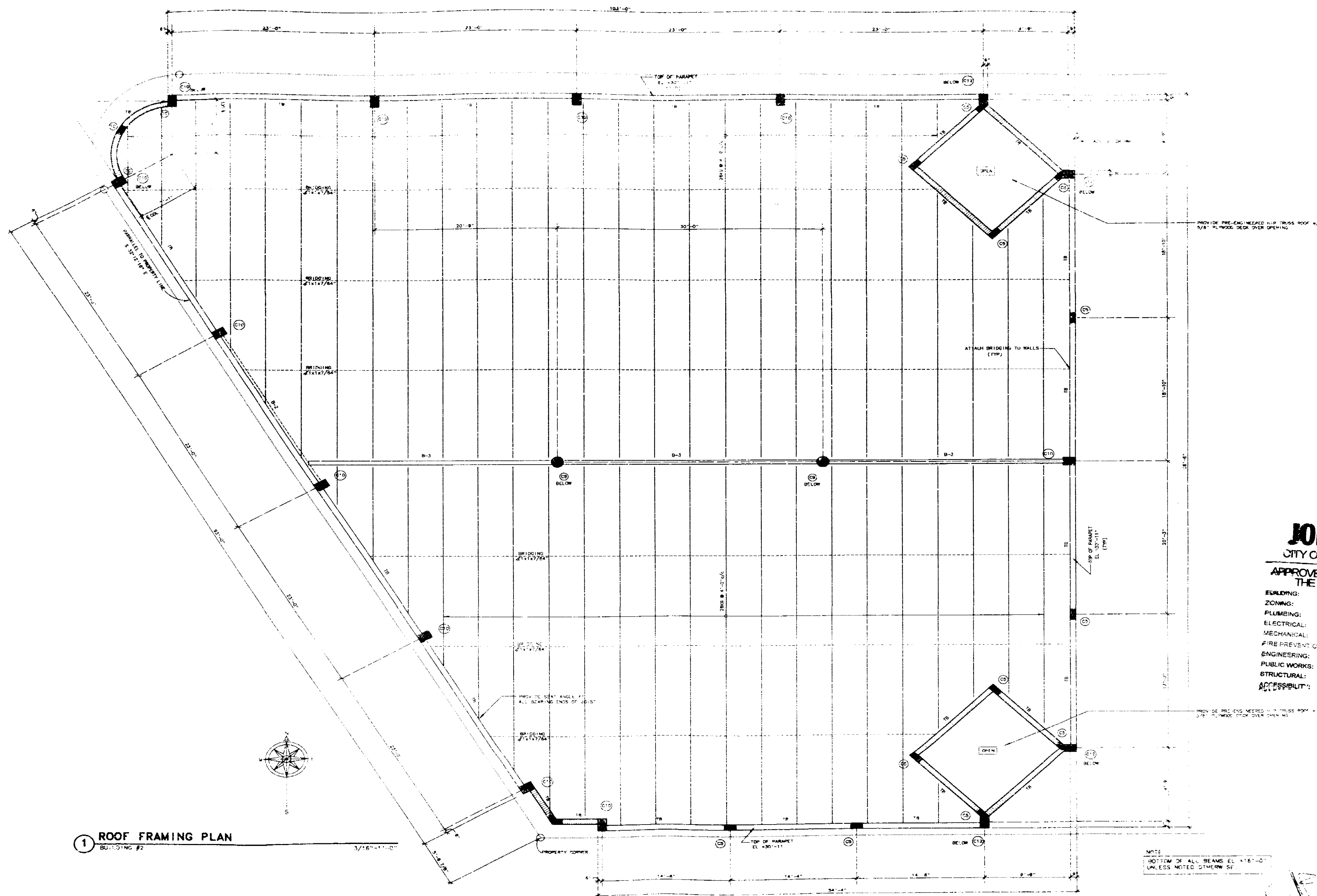


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1100 S.W. 1ST AVE., SUITE 100
MIAMI BEACH, FL 33139
305.437.4312

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ARCHITECT/DEVELOPER 305/672-0801

SILVER SQUARE
1100 5TH STREET MIAMI BEACH, FLORIDA
BLDG #1 PENTHOUSE ROOF FRAMING PLAN

S2-3



1 ROOF FRAMING PLAN
BUILDING #2

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

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DATE: 28 AUG 13

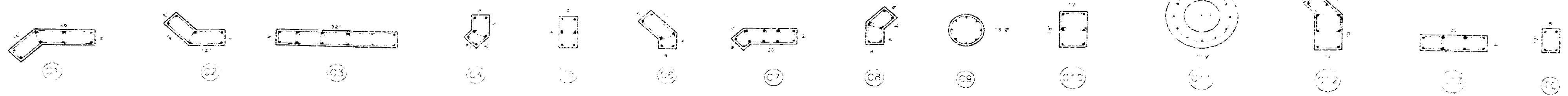
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SILVER SQUARE
1100 5TH STREET MIAMI BEACH, FLORIDA

BUILDING #2 ROOF FRAMING PLAN

S2-5

NOTE: FINISHING SHALL
BE PROVIDED BY
MULTI-PURPOSE DEVELOPER
AS REQUIRED

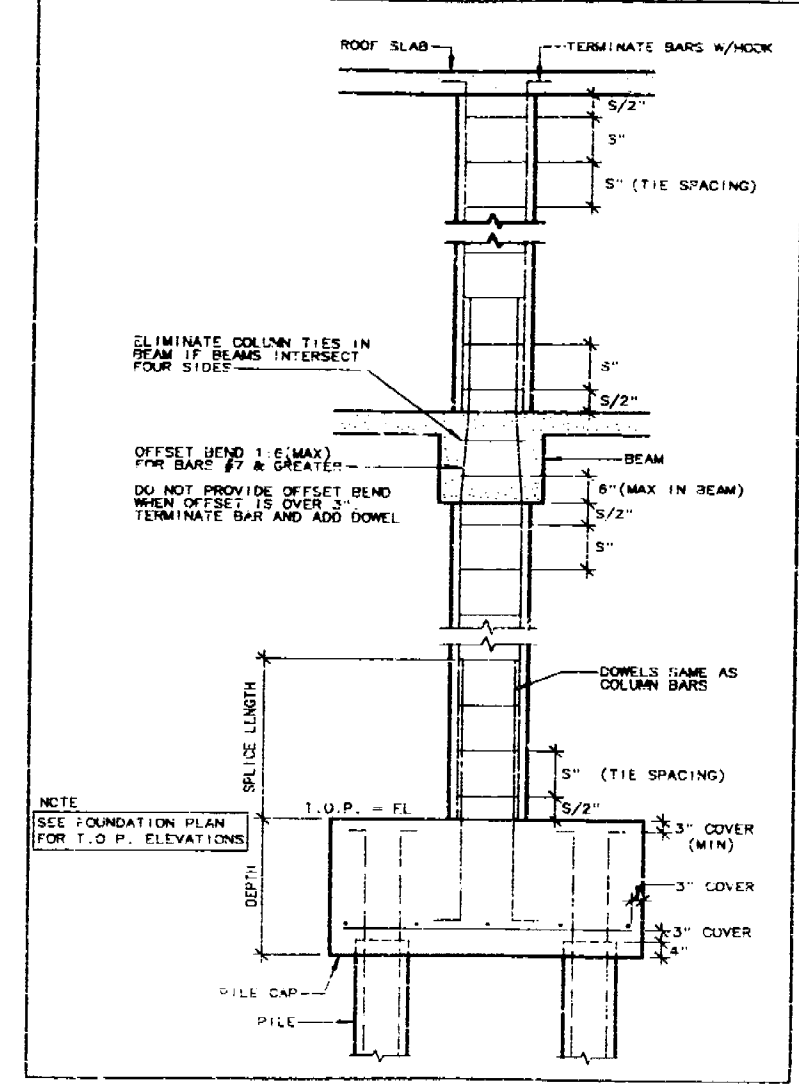


COLUMN SCHEDULE

MARK	SIZE WxH	VERT BARS	TIES	f'c(psi)	LOCATION	REMARKS
C1	*	8#5	#3 @ 12"	4000	BLDG #1	
C2	*	8#5	#3 @ 12"	4000	BLDG #1	
C3	8x12	2#5	#3 @ 12"	4000	BLDG #1	
C4	*	8#5	#3 @ 12"	4000	BLDG #1	
C5	8x16	5#5	#3 @ 12"	4000	BLDGS #1 & #2	
C6	*	5#5	#3 @ 12"	4000	BLDG #1	
C7	*	10#5	#3 @ 12"	4000	BLDG #1	
C8	*	8#5	#3 @ 12"	4000	BLDG #1	
C9	16"x20"	8#6	#3 @ 12"	4000	BLDGS #1 & #2	
C10	12x18	6#6	#3 @ 12"	4000	BLDGS #1 & #2	
C11	32"x12"	12#6	#3 @ 16"	4000	BLDGS #1 & #2	
C12	*	9#6	#3 @ 12"	4000	BLDG #2	
C13	8x30	8#5	#3 @ 12"	4000	BLDG #1	
TC	8x12	4#5	#3 @ 12"	4000	BLDGS #1 & #2	TYPICAL TIE COLUMN

* SEE COLUMN SIZE ABOVE

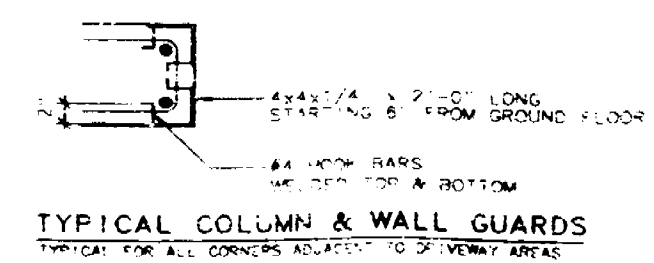
TYP COLUMN ELEVATION DETAILS



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	18"	22"	LEAST DIM	41"

NOTE: DO NOT PROVIDE OFFSET BEND WHEN OFFSET IS OVER 12" TERMINATE BAR AND ADD DOWEL



BEAM SCHEDULE-Building #1

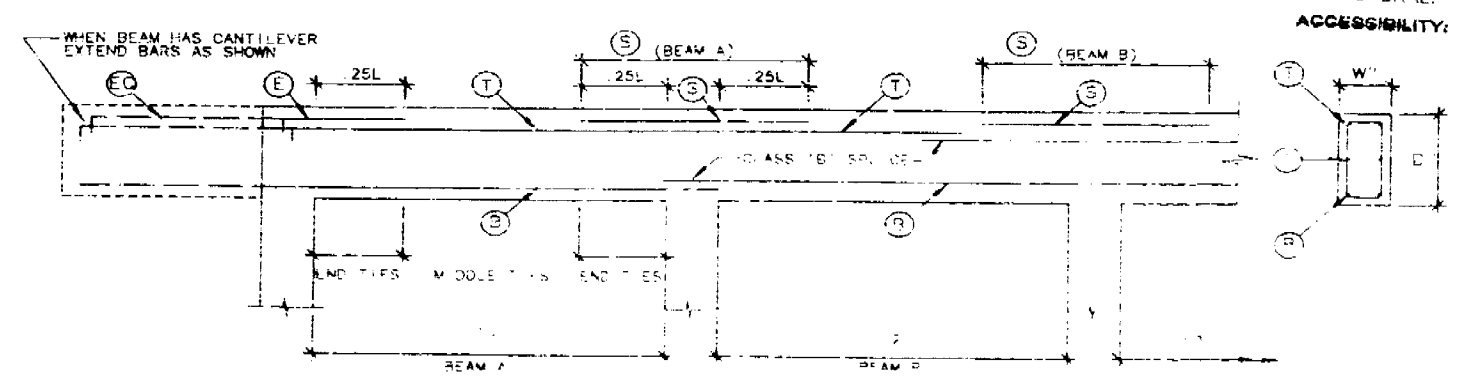
MARK	SIZE WxH	REINFORCING BARS	TIE SPACING	REMARKS
B-1	12x20	2#6 2#6 2#6	#3 12" 16"	BOT BM EL +16'-0" (INTERMEDIATE BM)
B-2	12x20	3#7 2#6 2#7	#3 10" 15"	BOT BM EL +25'-11"
B-3	12x20	3#6 2#6 2#6	#3 10" 16"	BOT BM EL +25'-11"
B-4	12x16	2#6 2#6	#3 8" 9"	BOT BM EL +27'-6" (AT TOP OF STAIR)
B-5	8x24	2#6 2#6	#3 10" 15"	BOT BM EL +25'-6" (ABOVE DRIVE-WAY)
B-6	W21x44			STEEL ROOF BEAM
TB	8x16	2#5 2#5	#3 12" 12"	
TB-2	8x21	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 WxH	REINFORCING BARS	TIE SPACING	REMARKS
B-1	12x30	2#7 2#6 2#5	#3 10" 16"	BOT BM EL +16'-0" (INTERMEDIATE BM)
B-2	12x30	2#7 2#6 2#5	#3 10" 16"	TOP BM EL +29'-10"
B-3	W21x44			STEEL ROOF BEAM
TB	8x16	2#5 2#5	#3 12" 12"	
TB-2	8x30	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
IC	Top bars for cantilever end (extend 35 bar diameters from face)
IC	Intermediate bars, equally spaced each side

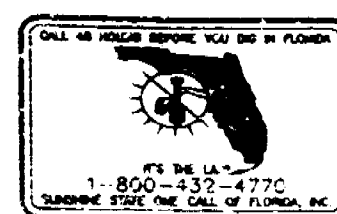
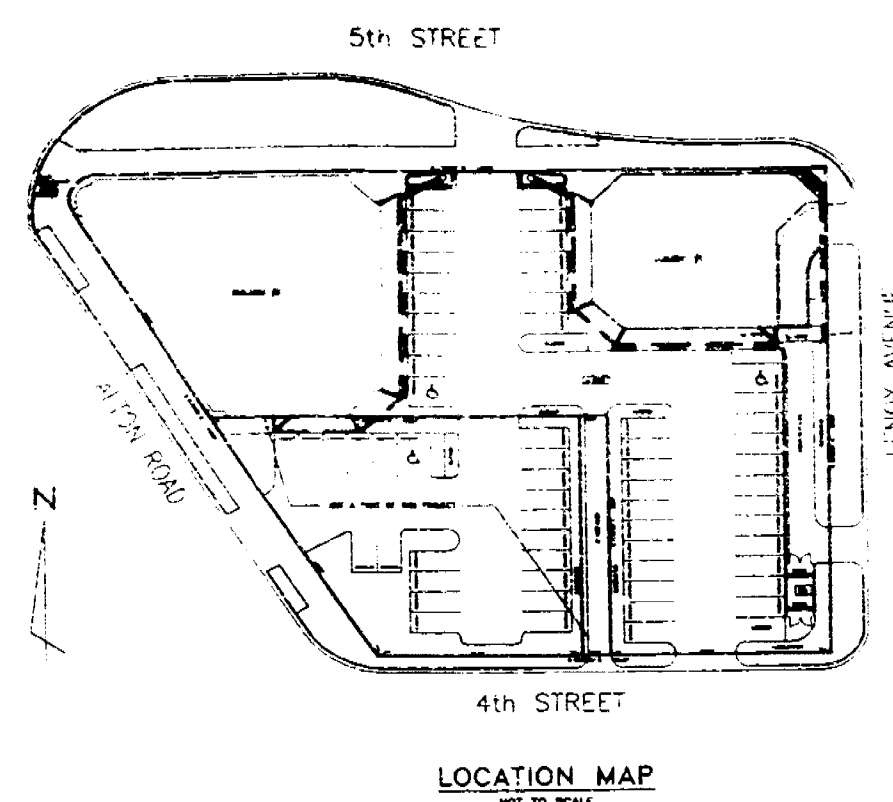
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PLUMBING: _____
ELECTRICAL: _____
MECHANICAL: _____
FIRE PREVENTION: _____
ENGINEERING: _____
PUBLIC WORKS: _____
STRUCTURAL: _____
ACCESSIBILITY: _____

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1130-5TH STREET MIAMI BEACH, FLA.
ARCHITECT/DEVELOPER 305/672-0801

SILVERSQUARE
1100 5TH STREET MIAMI BEACH, FLORIDA
SCHEDULES & NOTES



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 NOTES.
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. TRENCH DOWNS TO BE ADD MODEL NO. 1110 WITH 1/4" X 1/4" 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. BACK FILL FOR INSTALLATION. AFTER INSTALLATION, REPLACE FLAPS, AND OVERLAY WITH STRIPS OF FABRIC, EXTENDING AT LEAST 4 FEET ON EACH SIDE OF THE CUT.

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FIRE PREVENTION: _____
ENGINEERING: _____
PUBLIC WORKS: 1-1590 Permitting Dept.
STRUCTURAL: _____
ACCESSIBILITY: _____

☐ PRELIMINARY
☐ NOT FOR CONSTRUCTION
☒ APPROVAL SET
- BID SET
- CONTRACT DOCUMENT

555

SILVERSQUARE			
1100 — 1130 FIFTH STREET, MIAMI BEACH, FLORIDA			
PROPOSED GRADING AND DRAINAGE			
SCALE: NONE	FILE: ACADRI/SILVERS	DRAWN BY: MP	
DATE: MAR., 1996	JOB NO.: 27.06	REVISED BY:	
VENKATARAMAN, ZEVELEV 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.