



REQUEST: **Certificate of Appropriateness for Minor Alteration**

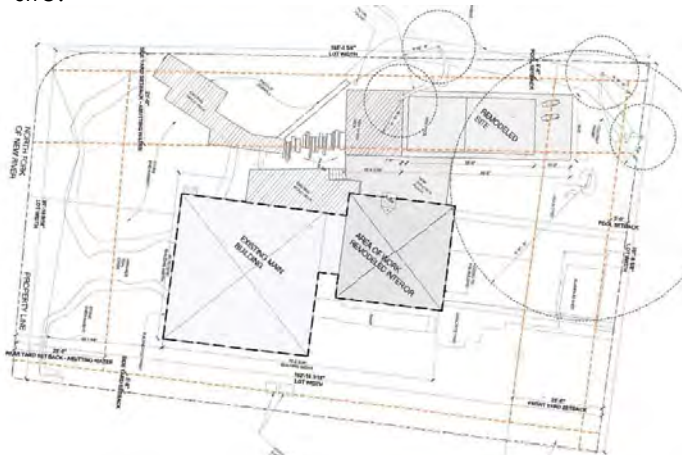
- Exterior alterations on northwest façade of garage structure to remove existing garage doors and windows; enclosure of portions of the wall; installation of new doors and windows; installation of flood barriers; and site improvements.

Case Number	H19016	FMSF#	BD04551
Owner	Kim Nothard		
Applicant	Kim Nothard		
Address	215 SW 14 th Way		
General Location	Northwest corner of SW 14 th Way and SW 2 nd Court		
Legal Description	RIVER HIGHLANDS 10-3 B LOTS 1,2 BLK 2 & TOGETHER WITH W1/2 OF VAC POR OF SW 14TH WAY LYING E & ADJ TO SAID LOTS		
Existing Use	Single-Family Residential		
Proposed Use	Single-Family Residential		
Zoning	RS-8		
Applicable ULDR Sections	47-24.11.C.3.c.i; 47-24.11.C.3.c.ii; 47-17.7.B		
Landmark/Historic District	Sailboat Bend Historic District		
Authored By	Trisha Logan, Urban Planner III		

Property Background:

215 SW 14th Way was constructed in 1969 by Architect William Bigoney who designed this house for himself and is in the Subtropical Modern style. Within the 2009 survey of the Sailboat Bend Historic District, the structure was identified as Key Contributing to the historic district.

The house is located at the end of a cul-de-sac, with the south and east elevations set closest to the street. It is also situated on a corner of the North Fork of the New River and small canal waterway, providing water access on two sides of the structure – the north and west elevations. The house is comprised of two structures, a one-story main house that sits atop an elevated platform and a two-story structure that currently contains bedrooms on the second floor and a garage on the first floor. Both structures are connected through a covered area. The scope of work proposed as part of this application is only related to the two-story structure as well as to improvements on the site.





COA FOR MINOR ALTERATION:

The scope of work includes exterior alterations to remove existing garage doors and windows; enclosure of portions of the wall; installation of sliding glass doors; installation of new fixed and casement windows; and installation of a new flood barrier in front of the first floor openings. Additionally plans show site improvements to include the construction of a new wood deck and a new pool situated in the northeast corner of the lot.

Majority of the proposed scope of work is related to the north elevation of the two-story structure which faces the canal. The original elevation drawing of this façade shows the garage doors as an open carport; however a permit for garage doors was applied for in March of 1969.

At the first level, plans show the removal of the entire wall, including both garage doors, retaining a structural column that is centered between both garage door openings. In each opening, a set of three sliding glass doors will be placed in each opening. Placement of the sliding glass doors will return the structure more in line with the original design where the first floor was completely open as a carport. Set in front of these openings, the elevation drawings show the installation of a new flood barrier that will only be in place when needed for flood protection.

At the second level, plans show the removal of the clerestory jalousie windows, infill of a portion of the wall using the same clapboard siding as the existing, and installation of two sets of three full height windows. The full height windows are reflective of the size of the openings on the east elevation and the series of three openings aim to repeat the existing pattern created by the two sets of three jalousie windows that are currently in place.

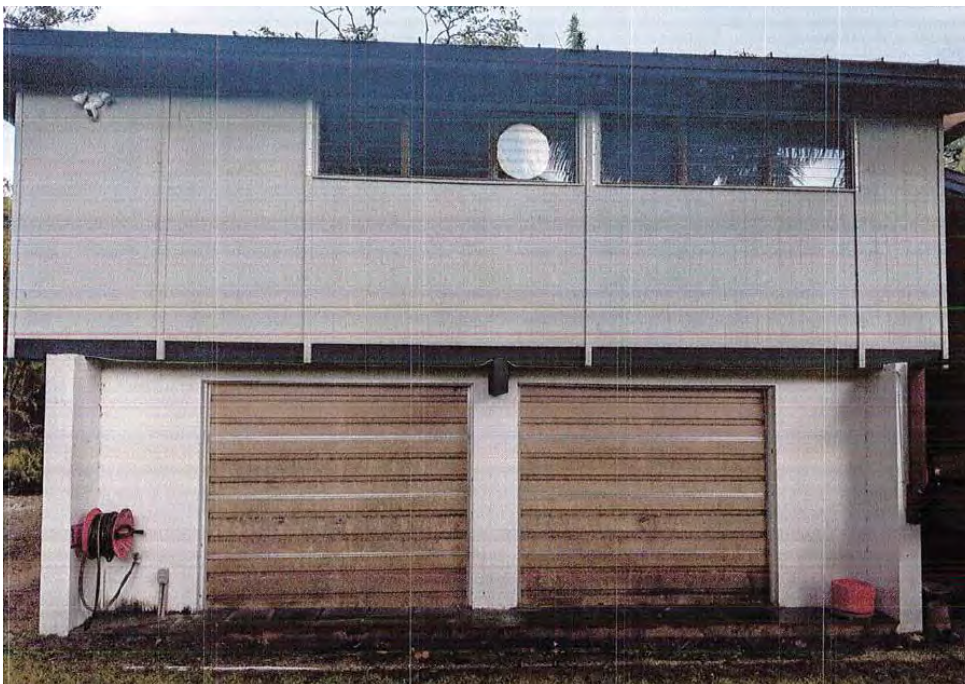
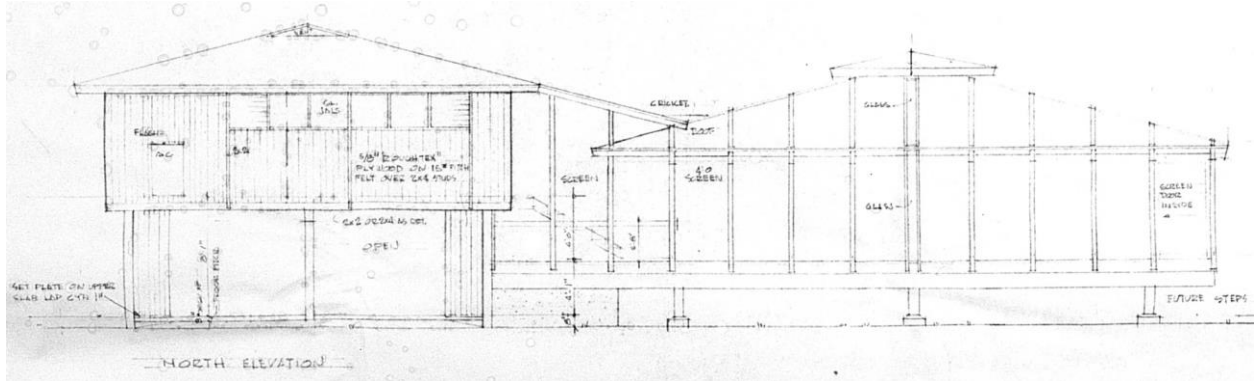
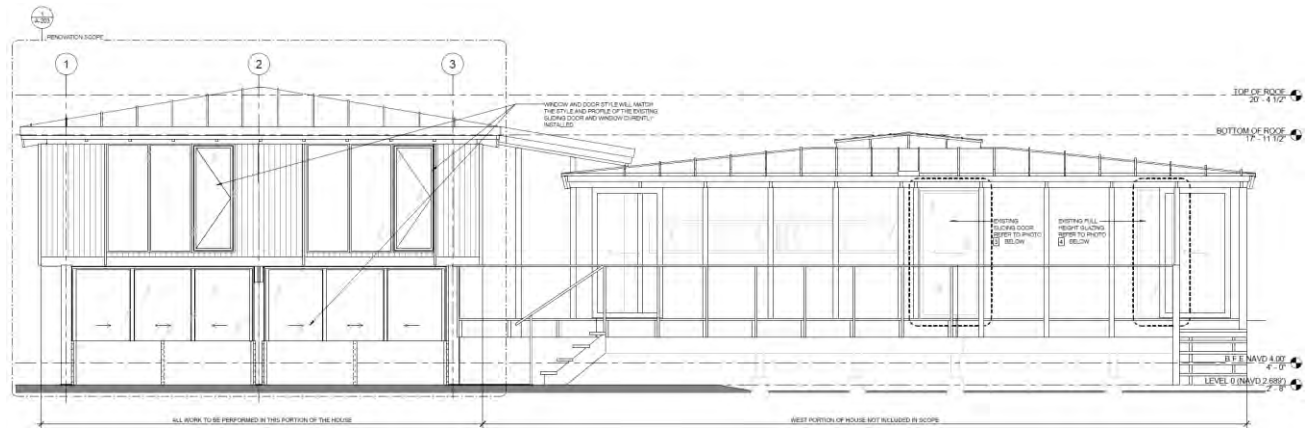


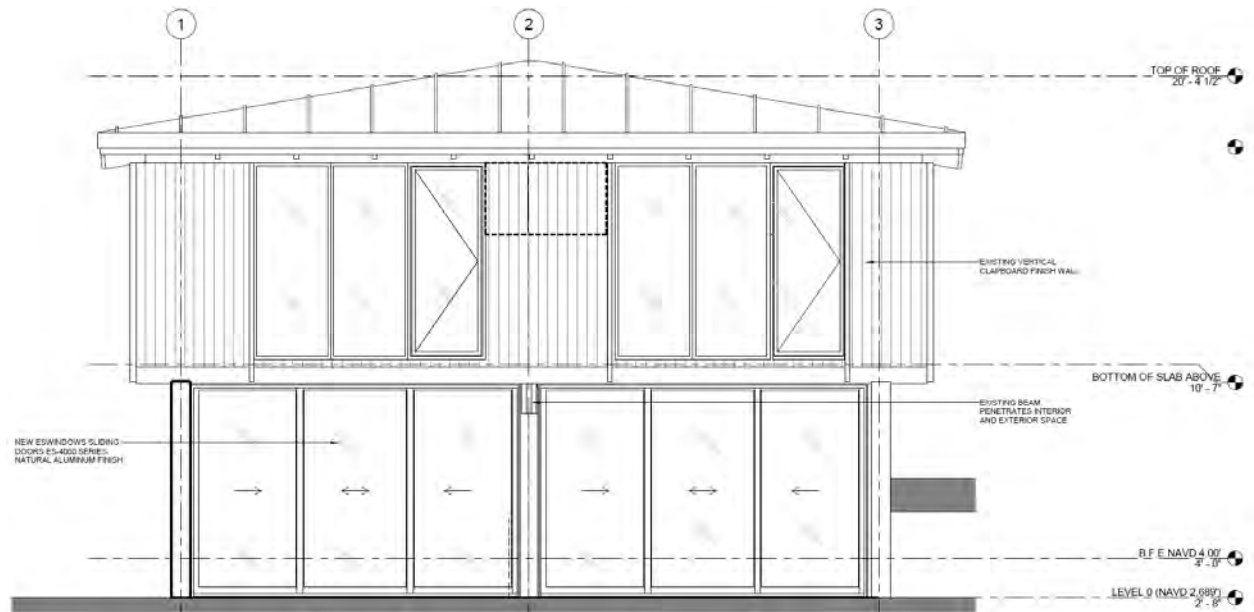
Photo of North Façade showing Existing Conditions



Original North Elevation Drawing (1968)



Proposed North Façade Elevation Drawing of 215 SW 14th Way



Proposed North Façade Elevation Drawing of 215 SW 14th Way (Without Flood Barriers)



Criteria for Certificate of Appropriateness (COA):

Pursuant to ULDR, Section 47-24.11.D.3.c.i, in approving or denying applications for certificates of appropriateness for alterations, new construction, demolition or relocation, the Historic Preservation Board (HPB) shall use the following general criteria:

ULDR, Section 47-24.11.D.3.c.i	Staff Response
<p>a) The effect of the proposed work on the landmark or the property upon which such work is to be done;</p>	<p>Windows on a historic structure can define the exterior appearance and when replaced with a different window types it can dramatically alter the overall style of the structure.</p> <p>Alterations are located on a façade which faces a waterway, which is considered to be visible from the public right-of-way. Proposed modifications on the first level are reflective on the original design of the open carport. Alterations on the second floor incorporate the scale and rhythm of the existing openings as well as other windows found on the east elevation in proposed modifications.</p> <p>Application meets criterion.</p>
<p>f) Whether the plans comply with the "United States Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings."</p>	<p><i>From the "United States Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings."</i></p> <p><i>2. The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize the property shall be avoided.</i></p> <p>Alterations are located on a façade which faces a waterway, which is considered to be visible from the public right-of-way. Proposed modifications on the first level are reflective on the original design of the open carport. Proposed removal of the clerestory jalousie windows on the second floor will not alter a character defining feature of the structure and will maintain an appropriate scale and rhythm that currently exists on the structure.</p> <p>Application meets criterion.</p>

Pursuant to ULDR, Section 47-24.11.D.3.c.ii, Additional guidelines, alterations, in approving or denying applications for certificates of appropriateness for alterations, the board shall also consider whether and the extent to which the following additional guidelines, which are based on the United States Secretary of the Interior's Standards for Rehabilitation, will be met:

ULDR, Section 47-24.11.D.3.c.ii	Staff Response
<p>b) The distinguishing original qualities or character of a building, structure, or site and its environment shall not be destroyed. The removal or alteration of any historic material or distinctive architectural features should be avoided when possible;</p>	<p>Windows on a historic structure can define the exterior appearance and when replaced with a different window types it can dramatically alter the overall style of the structure.</p> <p>Alterations are located on a façade which faces a waterway, which is considered to be visible from the public right-of-way. Proposed modifications on the first level are reflective on the original design of the open carport. Alterations on the second floor incorporate the scale and rhythm of the existing openings as well as other windows found on the east elevation in proposed modifications.</p> <p>Application meets criterion.</p>

<p>h) Every reasonable effort shall be made to protect and preserve archeological resources affected by, or adjacent to, any acquisition, protection, stabilization, preservation, rehabilitation, restoration, or reconstruction project.</p>	<p>This property is located in an Archaeologically Significant Zone and ground disturbing work will occur as part of the proposed new pool.</p> <p>Condition for Archaeology provided below for consideration by the HPB.</p>
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Sailboat Bend Historic District material and design guidelines

In addition, pursuant to ULDR, Section 47-17.7.B., the Sailboat Bend Historic District material and design guidelines shall be read in conjunction with the existing guidelines provided in this section and shall be utilized as additional criteria for the consideration of an application for a certificate of appropriateness for new construction, alterations, relocation, and demolition.

ULDR Section 47-17.7.B	Staff Response
<p>2. Windows and doors.</p> <p>a. Materials.</p> <ul style="list-style-type: none"> i. Glass (clear, stained, leaded, beveled and non-reflective tinted). ii. Translucent glass (rear and side elevations only). iii. Painted and stained wood. iv. Aluminum and vinyl clad wood. v. Steel and aluminum. vi. Glass block. vii. Flat skylights in sloped roofs. viii. Domed skylights on flat roofs behind parapets. <p>b. Configurations.</p> <ul style="list-style-type: none"> i. Doors: garage nine (9) feet maximum width. ii. Windows: square; rectangular; circular; semi-circular; semi-ellipse; octagonal; diamond; triangular; limered only to gable ends. <p>c. Operations.</p> <ul style="list-style-type: none"> i. Windows: single and double hung; casement; fixed with frame; awning; sliders (rear and side only); jalousies and louvers. <p>d. General.</p> <ul style="list-style-type: none"> i. Wood shutters sized to match openings (preferably operable). ii. Wood and metal jalousies. iii. Interior security grills. iv. Awnings. v. Bahama shutters. vi. Screened windows and doors. 	<p>Proposed replacement windows are aluminum which is an accepted material as per the Sailboat Bend Material and Design Guidelines.</p> <p>Additionally, the Historic Preservation Design Guidelines states that it is strongly encouraged to install clear glass at all openings unless historically appropriate. The applicant is requesting the use of clear glass.</p> <p><u>Windows:</u></p> <p>E.S. Windows, LLC Series ES-5500 Aluminum Project Out Window</p> <p>E.S. Windows, LLC Series EL-150 Aluminum Single Fixed Windows</p> <p><u>Doors:</u></p> <p>E.S. Windows, LLC Series 4000 Aluminum Sliding Glass Door</p> <p>Application meets criterion.</p>



Summary Conclusion:

In accordance with Sections 47-24.11.D.3.c.i, 47-24.11.D.3.c.ii and 47-17.7.B of the ULDR, staff finds that the application for a COA for minor alterations under case number H19016 located at 215 SW 14th Way meets the criteria as outlined in Section 47-24.11.C.3.c.i. of the ULDR, meets the criterion in the Secretary of the Interior's Standards for Rehabilitation, a meet the criterion as outlined in Sections 47-24.11.C.3.c.ii. of the ULDR, and meets the criterion for consideration of window and door materials as listed under 47-17.7.B.2.a. of the ULDR.

The following conditions are provided for consideration by the HPB if the application is to be approved:

1. All new wall finishes shall match the existing of the adjacent wall surface on both the first and second floors.
2. In accordance with Section 47-25.5P, *Fort Lauderdale U.L.D.R.*, a Phase I Survey of the subject property should be performed prior to any ground disturbance activities. The survey should be designed to identify any archaeological resources located within the area of ground disturbing work and to identify characterize the presence of any archaeological deposits with this section.
 - a. The survey shall be conducted by archaeological professionals who meet the Secretary of the Interior professional standards (36 CFR part 61 as amended) and all work shall conform to Chapter 267, *Florida Statutes* and the professional *Standards* set forth in Chapter 1A-46 *Florida Administrative Code*.
 - b. Fieldwork shall include systematic, high-interval archaeological testing of the entire subject property including a minimum of three shovel tests placed within the area of proposed development.
 - c. A final survey report shall be submitted to the Historic Preservation Board Liaison, Trisha Logan (tlogan@fortlauderdale.gov / 954-828-7101) for review of completion, determination of effects and/or significance, and approval or approval with conditions. The report should include an assessment and characterization of all historic/archaeological resources identified within the parcel, proposed or recommended management or mitigation strategies, and identification of the disposition of recovered archaeological collections as appropriate. The finding presented in the Final Report will be utilized to inform what, if any, additional requirements / recommendations may be required prior to development approval.
 - d. All work shall conform to the "guidelines for identification, evaluation, recordation, and treatment of cultural resources" set forth in Module Three of the Florida Division of Historical Resource's Cultural Resource Management Standards and Operational Manual.

In the event that unmarked human remains are encountered then excavation in the vicinity of the find shall halt immediately and the archaeologist shall alert the City's historic preservation staff to coordinate the discovery and take measures to implement Chapter 872.05 Florida Statutes as it pertains to the discovery of unmarked human remains.

3. This application is subject to the approval by Building, Zoning, and all ULDR requirements.

Board Action

Motion to **(approve, approve with conditions, or deny)** the resolution for a Certificate of Appropriateness under case number H19016 located at 215 SW 14th Way for minor alterations to include **(If conditions apply, state those conditions on the record) and the following findings of fact.** (i.e.) Based on facts and findings as outlined in the staff memorandum.



Coastal Archaeology & History Research, Inc.

Cultural Resource Consultants

Monday, August 26, 2019

Trisha Logan,
Planner III, HPB Liaison
City of Ft. Lauderdale Urban Design & Planning Division
700 NW 19th Ave
Ft. Lauderdale, FL 33311
t. 954.828.7101
e. tlogan@fortlauderdale.gov

Re: H19016_215 SW 14th Way, Fort Lauderdale,
Florida. Folio #: 5042 09 17 0020
Received by CAHR 8/20/19

Trisha Logan,

In capacity as archaeological consultant to the City of Fort Lauderdale I have reviewed the referenced application in accordance with Chapters 267, *Florida Statutes* and Section 47-25.5P, *Fort Lauderdale U.L.D.R* for possible effects to historic properties listed, or eligible for listing, on the *National Register of Historic Places* (NRHP) and/or designated, or eligible for designation, as City historical landmarks or sites, or otherwise of historical, architectural or archaeological value.

The subject property consists of approximately .05 ± acres and is located within the Sailboat Bend Historic District (8BD4428) and contains the William “Bill” F. Bigoney House (FMSF 8BD4551), a 2-story single family home built of concrete in the Subtropical Modern style. The subject property is located on the north bank of the North Fork of the New River and situated within the North Bank New River Archaeological Zone; an area previously determined to have a high potential to contain intact and significant archaeological deposits. Local archaeological modeling indicates that archaeological sites (Glades/Tequesta, Seminole, and Pioneer) demonstrated preference for relatively level and well-draining land in proximity to aquatic resources. A high density of archaeological deposits occur within 300 feet of the New River but have been demonstrated to extend beyond 600 feet from the river bank where they have been identified in-tact beneath mid-century and more modern construction.

There is insufficient information to determine if the proposed development will impact any significant archaeological resources as the property has not previously been subject to archaeological investigation. Local archaeological modeling indicates that there is a moderate-to-high potential for occurrence of intact and significant archaeological deposits within the subject property. The Bigoney house (FMSF 4551) was constructed with both slab and post-on-footer techniques which are minimally invasive to subsurface archaeological deposits, however; the manmade tidal-creek that flows through the western portion of the property would have obvious impacts to archaeological deposits. Considering the developmental history of the property there is a moderate probability that the proposed development (installation of pool and pool deck) may impact intact archaeological deposits in the north and eastern area of the property.

Therefore, in accordance with Section 47-25.5P, *Fort Lauderdale U.L.D.R*, it is my recommendation that a Cultural Resource Assessment Survey of the subject property should be performed prior to the approval of site or development plans, demolition, or any ground disturbance activities. The survey should be designed to identify any historic an archaeological resource located within the subject property and to identify characterize the presence of any archaeological deposits with the parcel.

1. The survey shall be conducted by a preservation professionals who meet the Secretary of the Interior professional standards (36 CFR part 61 *as amended*) and all work shall conform to Chapter 267, *Florida Statutes* and the professional *Standards* set forth in Chapter 1A-46 *Florida Administrative Code*.
2. Fieldwork shall include systematic, high-interval archaeological testing of the entire subject property including a minimum of three shovel tests placed within the area of proposed development
3. A final survey report shall be submitted to the City's Historic Preservation Planner, Trisha Logan (tlogan@fortlauderdale.gov / 954-828-7107) for review of completion, determination of effects and/or significance, and approval or approval with conditions. The report should include an assessment and characterization of all historic/archaeological resources identified within the parcel, proposed or recommended management or mitigation strategies, and identification of the disposition of recovered archaeological collections as appropriate.

The finding presented in the Final Report will be utilized to inform what, if any, additional requirements / recommendations may be required prior to development approval.

4. All work shall conform to the "guidelines for identification, evaluation, recordation, and treatment of cultural resources" set forth in Module Three of the Florida Division of Historical Resource's Cultural Resource Management Standards and Operational Manual.

In the event that unmarked human remains are encountered then excavation in the vicinity of the find shall halt immediately and the archaeologist shall alert the City's historic preservation staff to coordinate the discovery and take measures to implement Chapter 872.05 Florida Statutes as it pertains to the discovery of unmarked human remains.

Please contact me if you have any questions about this letter, my determinations or recommendations.

Regards,

A handwritten signature in blue ink, appearing to read "Matthew A. DeFelice".

Matthew DeFelice, M.A.
President / Archaeologist, CAHR, Inc.

NOTHARD HOUSE RENOVATION

215 SW 14TH WAY,
FORT LAUDERDALE, FL 33312
INTERIOR RENOVATION 1256 SQ.FT

DRAWING INDEX

SHEET NO.	SHEET NAME	DISCIPLINE
G-000	COVER	ARCH
G-001	ABBREVIATION & DATA	ARCH
G-002	GENERAL NOTES & SPECIFICATION	ARCH
G-003	GENERAL NOTES & SPECIFICATION	ARCH
G-005	EXISTING PORTION OF BUILDING FOR RENOVATIONS	ARCH
G-006	ZONING AND FUTURE LAND USE MAP	ARCH
V-001	SURVEY & VICINITY LOCATION MAP	ARCH
ASP-102	SITE PLAN - PROPOSED PLAN	ARCH
AD-101	1ST FLOOR DEMOLITION PLAN	ARCH
AD-102	2ND FLOOR DEMOLITION PLAN	ARCH
A-101	1ST FLOOR CONSTRUCTION PLAN	ARCH
A-102	2ND FLOOR CONSTRUCTION PLAN	ARCH
A-203	FACADE ELEVATION	ARCH
A-204	FACADE ELEVATIONS	ARCH
A-500	DOOR SCHEDULE & WALL TYPE & LEGEND	ARCH
A-501	DETAIL	ARCH

PROJECT
NOTHARD HOUSE RENOVATION

215 SW 14TH WAY,
FORT LAUDERDALE, FL 33312

CLIENT
KIM NOTHARD

215 SW 14TH WAY,
FORT LAUDERDALE, FL 33312

DESIGNER
GLAVOVIC STUDIO
724 NE 3RD AVENUE
FT. LAUDERDALE FL 33304
T 954-524-5728 F 954-524-5729

CONSULTANTS

MEPF ENGINEER
DELTA G CONSULTING ENGINEERS, Inc.
707 NE 3rd AVENUE, SUITE 200
FORT LAUDERDALE, FL 33304
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- ZONING DATA SHEET

ITEM #	ZONING INFORMATION	VALUE
1	ADDRESS:	215 SW 14TH WAY
2	FOLIO NUMBER:	504203020510
3	BOARD AND FILE NUMBR:	
4	PARCEL ID NUMBER:	504209170020
5	USE CODE:	01 - SINGLE FAMILY
6	YEAR BUILT:	1989
7	BASE FLOOD ELEVATION:	7.00 FEET
8	ADJUSTED GRADE (FLOOD + GRADE/2)	5.125 FEET
9	LOT AREA:	633 SF (100 %)
10	OLD FLOOD ZONE	AE
11	OLD NGVD 29 ELEVATION	7
12	OLD FLOOD PANEL	12011C01218 F
13	NEW FLOOD ZONE	AH
14	NEW NAVD 88 ELEVATION	4
15	NEW FLOOD PANEL	12011C0556H
16	1ST LEVEL ELEVATION (NGVD)	8.19 FEET (CURRENT)
17	LOWEST LEVEL ELEVATION (NGVD)	4.27 FEET
18	1ST LEVEL ELEVATION	8.19 FEET
19	LOWEST LEVEL ELEVATION (NAVD)	2.689 FEET
	GARAGE FLOOR UNDER REQUIRED ELEVATION	
	* ALL ELECTRICAL TO BE ABOVE	4.27 FEET

REGISTRATION
PROFESSIONAL OF RECORD:
DISCIPLINE:
REGISTRATION NO.:
TERENCE O'CONNOR

MARK	DATE	DESCRIPTION

PROJECT NO: 1814
DRAWN BY: Author
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SHEET TITLE / SHEET NUMBER

COVER
G-000



D

C

B

A

HOUSE LOCATION



ASPHALT CUL-DE-SAC ROADWAY PHOTO

PROJECT

**NOTHARD HOUSE
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ISSUE

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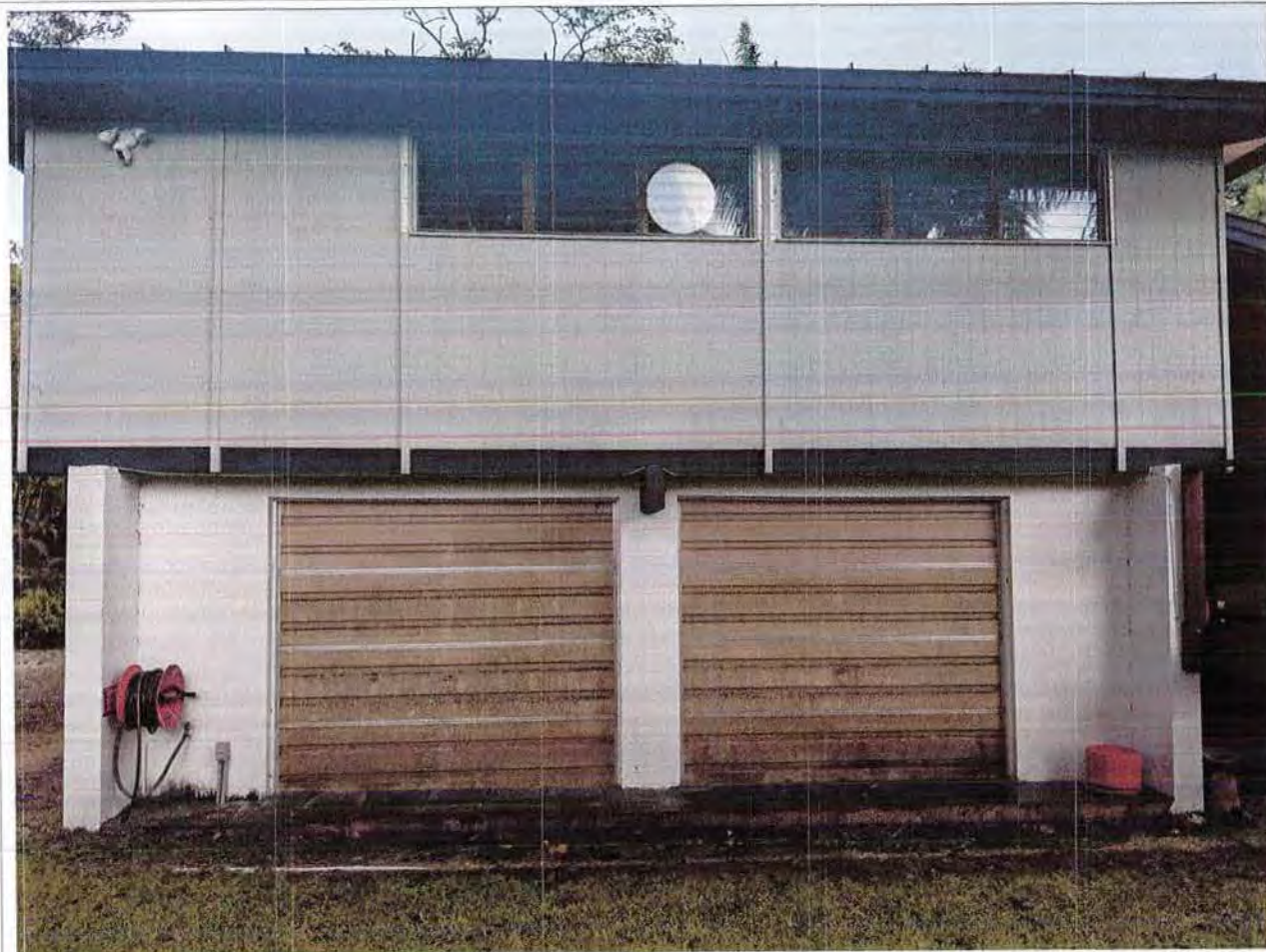
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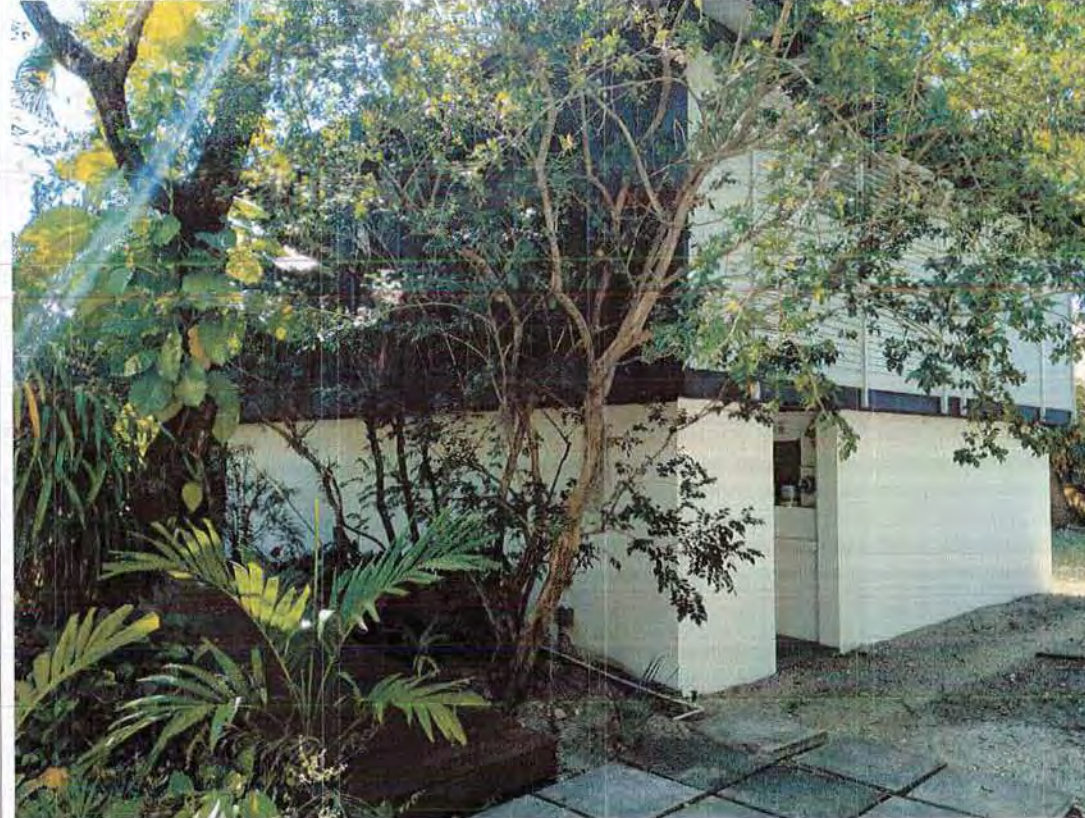
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ROADWAY**

G-004

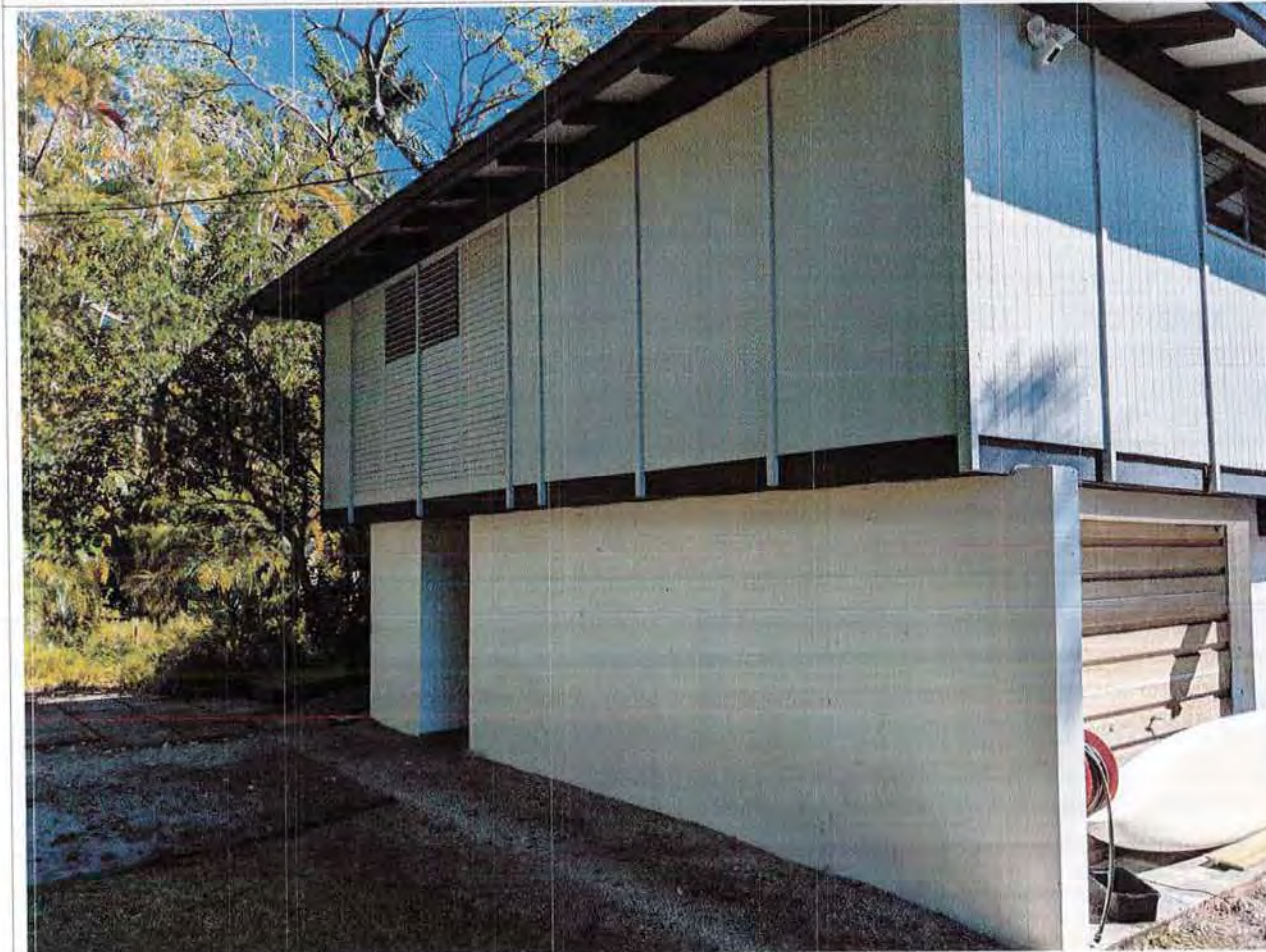


SIDE OF HOUSE, FACING NORTH (NORTH-WEST)

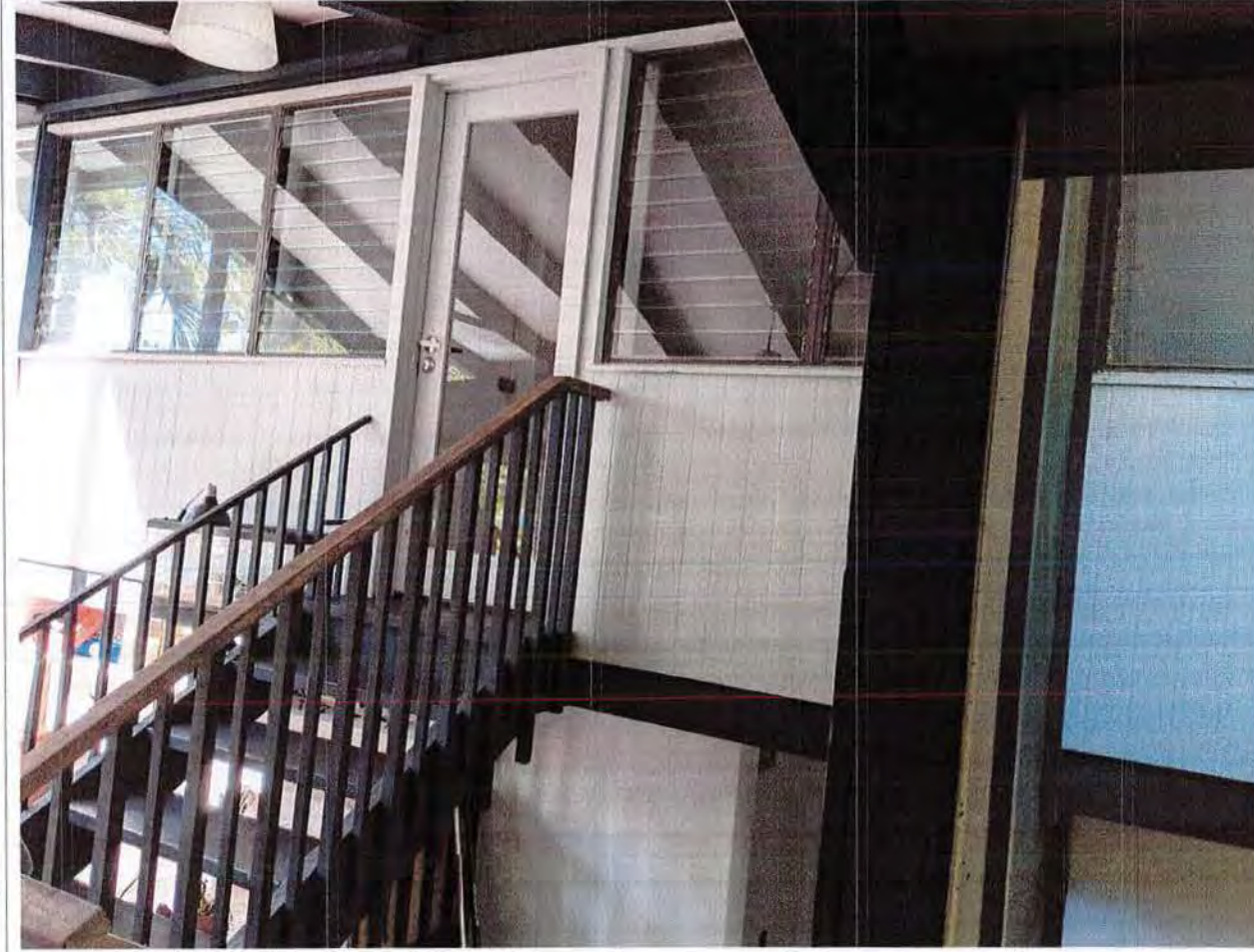
REMOVAL OF BOTH GARAGE DOORS. REPLACE LEFT GARAGE DOOR WITH NEW 3 PANEL SLIDING DOOR SYSTEM. INSTALL A FIXED PANEL WINDOW ON LEFT SIDE OF BEAM, LOCATED DIRECTLY TO THE RIGHT OF THE CENTER. INFILL REMAINING GARAGE DOOR OPENING AND MATCH EXISTING EXTERIOR CLAPBOARD FINISH.



SIDE OF HOUSE, FACING SOUTH



FRONT OF HOUSE, FACING EAST



FRONT OF HOUSE, FACING WEST

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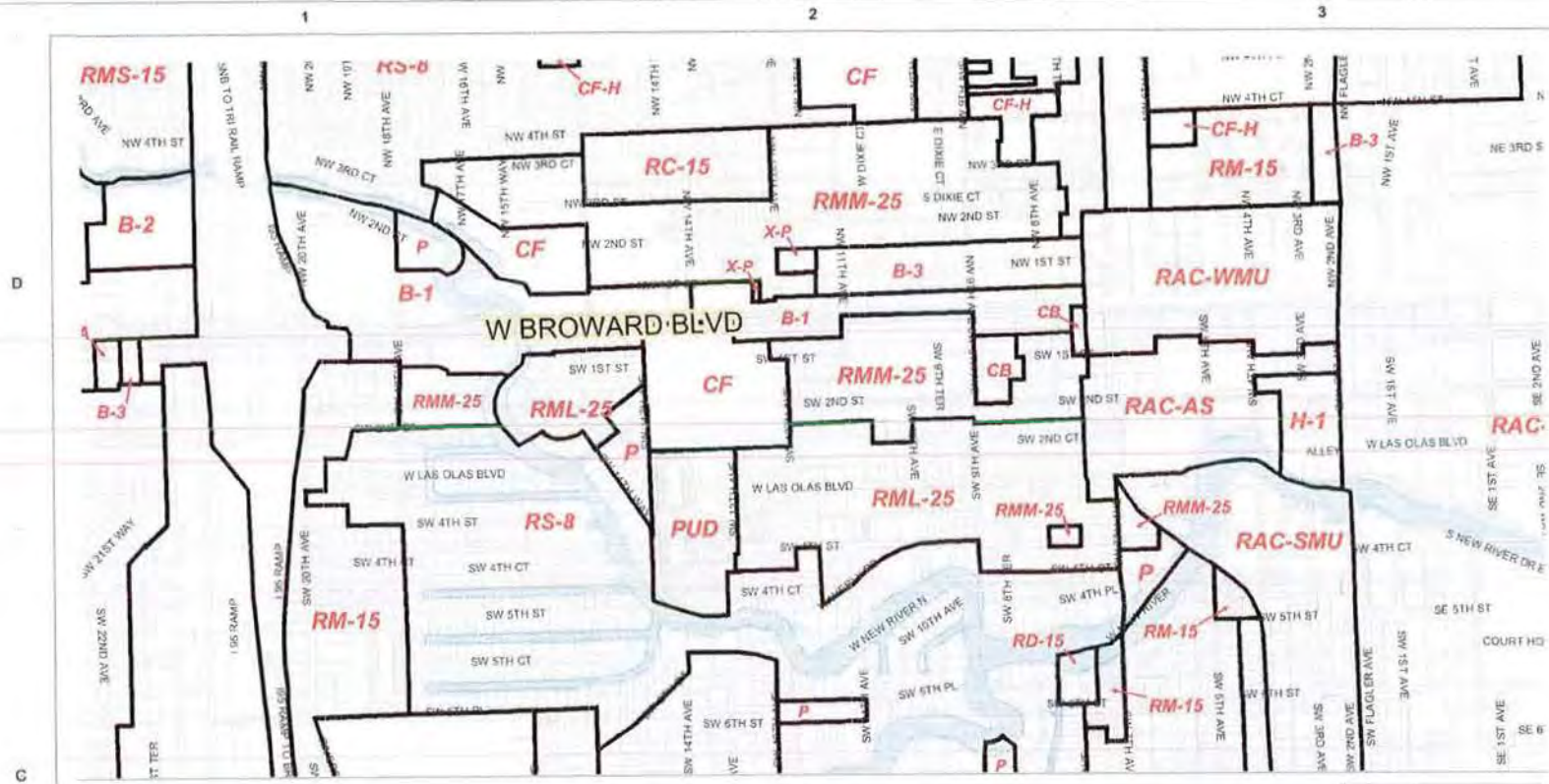
KEYPLAN



SHEET TITLE / SHEET NUMBER

**EXISTING PORTION
OF BUILDING FOR
RENOVATIONS**

G-005



**OFFICIAL CITY OF FORT LAUDERDALE ZONING MAP
AS ADOPTED JUNE 17, 1997 AND AS AMENDED
AS OF FEBRUARY 5, 2019**

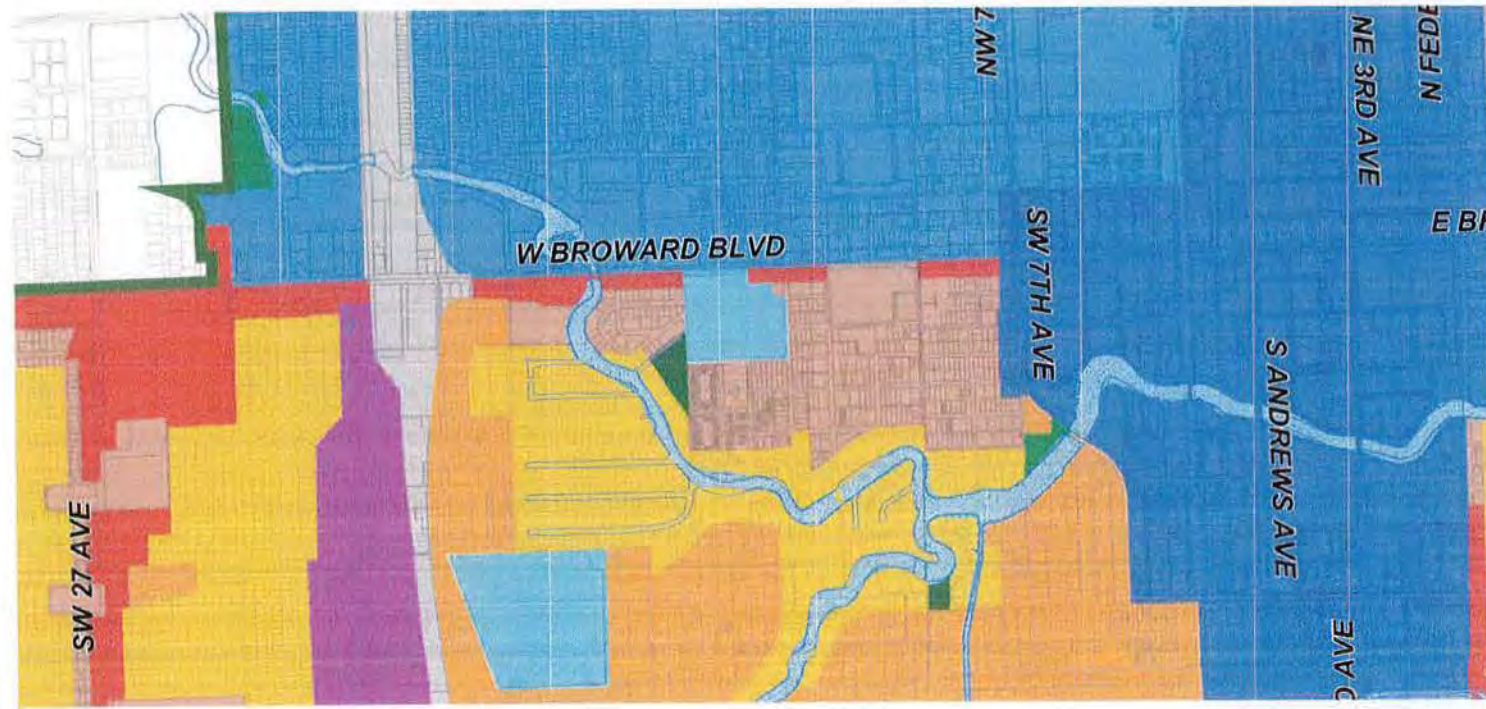


Map Legend

- Corporate Limits
- Zones**
- Zoning Designations Pending

**Broward County zoning designations are in effect in annexed areas until such time City zoning designations are applied.
***Please see zoning ordinance for key to zoning designations in other areas. Applicable regulations for zoning designations subject are located in the City's Unified Land Development Regulations (ULDR).

Document Path: J:\DSD\ZoningMap_15_RMI\ArcMap\PI_zones_16x48_2019.mxd



**CITY OF FORT LAUDERDALE
FUTURE LAND USE MAP
MARCH, 2018**

LEGEND

- WATER**
- UTILITIES
- COMMERCIAL
- COMMUNITY FACILITIES
- EMPLOYMENT CENTER
- OFFICE PARK
- INDUSTRIAL
- TRANSPORTATION
- IRREGULAR*
- LOW 4.4
- LOW-MEDIUM 8
- MEDIUM 15
- MEDIUM-HIGH 25
- HIGH 60
- PARK-OPEN SPACE
- COMMERCIAL RECREATION
- CONSERVATION
- NW REGIONAL ACTIVITY CENTER
- DOWNTOWN REGIONAL ACTIVITY CENTER
- SOUTH REGIONAL ACTIVITY CENTER
- CENTRAL BEACH REGIONAL ACTIVITY CENTER
- REGIONAL ACTIVITY CENTER - PARK
- REGIONAL ACTIVITY CENTER CONSERVATION

**ALLOWABLE DENSITY FOR EACH IRREGULAR DISTRICT IS INDICATED ON MAP IN DWELLING UNITS PER ACRE.
***NOT A FUTURE LAND USE DESIGNATION.
Broward County land use designations are in effect in annexed areas until such time City land use designations are applied.

PROJECT

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KEYPLAN



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**ZONING AND FUTURE
LAND USE MAP**

G-006

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CHECK BY: **Checker**

KEYPLAN

SHEET TITLE / SHEET NUMBER

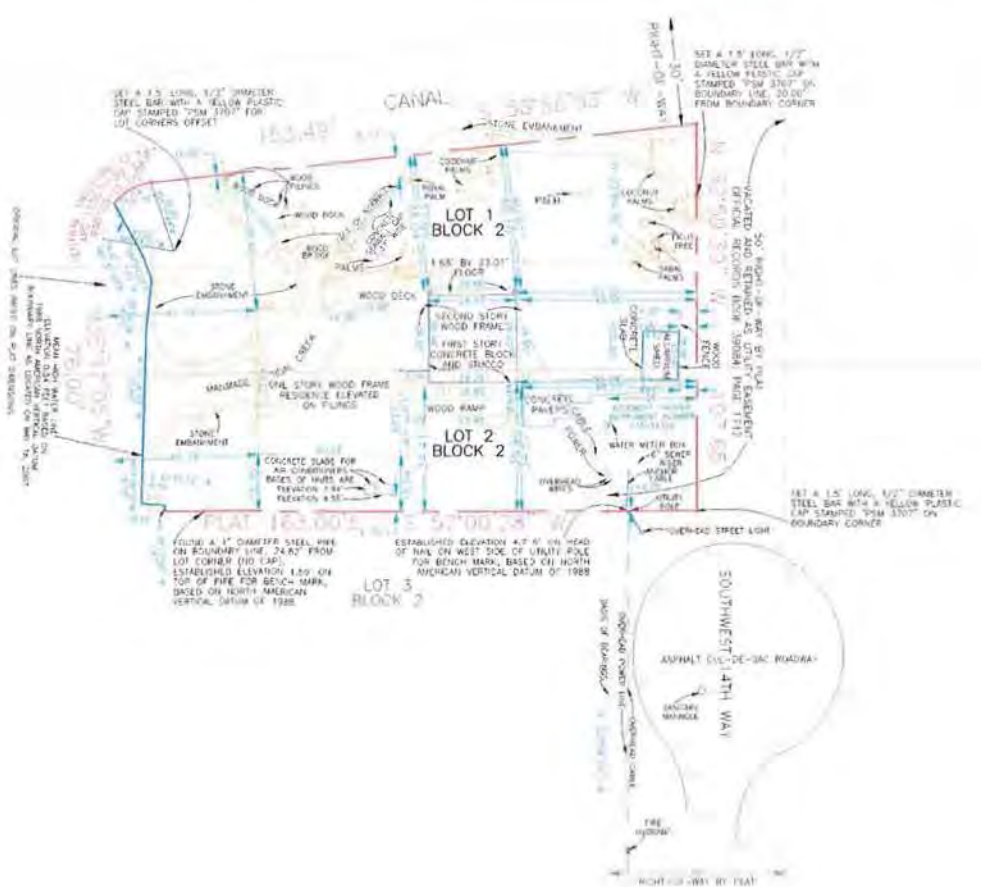
SURVEY & VICINITY LOCATION MAP

V-001

FLOOD ZONE: H1
NATIONAL FLOOD INSURANCE PROGRAM
COMMUNITY NUMBER 125105
MAP SHEET NUMBER 20130506H
PANEL, REVISED AUGUST 18, 2014
BASE FLOOD ELEVATION: 4 FEET ABOVE MHW
MHW FLOOR ELEVATION: 4.61 FEET
GREATEST FLOOD ELEVATION: 2.99 FEET



ANIMATE ELEVATION 5.53 FEET
ELEVATION MEASURED AT PLUS SIGN FOR RWY'S SURF



THIS DRAWING IS NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

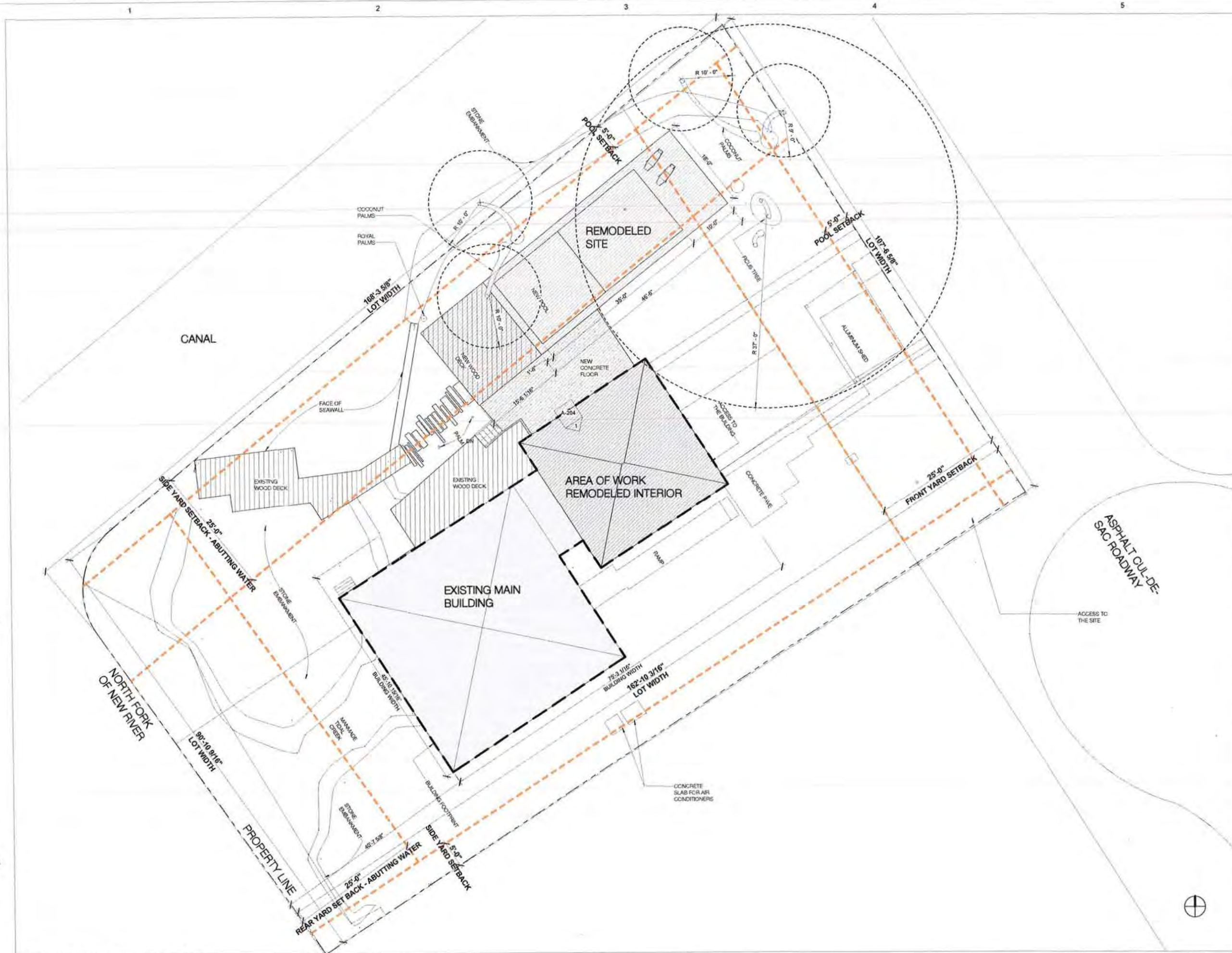
BRUCE M. COSTLER, ESQ., AN ATTORNEY WHO AFFIRMS THAT HE IS AUTHORIZED TO PRACTICE LAW IN THE STATE OF FLORIDA, STATES IN A NOTARIAL DOCUMENT THAT FEE SIMPLE TITLE TO LOTS 1 AND 2, BLOCK 2, TOGETHER WITH THE EAST 25 FEET OF THE VACATED RIGHT-OF-WAY OF SOUTHWEST 14TH WAY LYING EAST OF AND ADJOINING SAID LOTS 1 AND 2, OF BAYWILKINS IS A SUBDIVISION RECORDED IN PLAT BOOK 10, PAGE 3, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA IS IN THE NAME OF KIM NOTHARD BASED ON A SEARCH OF THE PUBLIC RECORDS AS OF MARCH 22, 2019.

THE SURVEY FOR THIS SURVEY MEETS THE STANDARD PRECISION REQUIRED BY FLORIDA STANDARDS OF PRACTICE FOR THIS TYPE OF SURVEY. BEARINGS ARE BASED ON ASSUMED BEARING ALONG MONUMENTS FOUND ON WEST RIGHT-OF-WAY LINE OF KENNELWORTH PLACE. MEASURED DIMENSIONS ARE EQUAL TO SUBDIVISION PLAT DIMENSIONS, UNLESS OTHERWISE NOTED. NEAR HIGH WATER SURVEY COMPLETES WITH DIMENSIONS 172, PART II, FLORIDA STATUTES. THE HORIZONTAL LOCATION OF THE MEAN HIGH WATER LINE WAS DETERMINED BY ESTABLISHING TEMPORARY MARKS ALONG THE EDGE OF THE RIVER AT ELEVATION 0.00 FEET, BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988, THEN LOCATING THE MARKS WITH TOTAL STATION FROM TRANSFER POINTS. THE MEAN HIGH WATER ELEVATION OF 0.04 FEET WAS SUPPLIED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. THE REFERENCE MARK USED FOR THIS TOPOGRAPHIC SURVEY IS THE SOUTH RAIL OF A STORM DRAIN MANHOLE ABOUT 6 FEET WEST OF THE CENTER OF SOUTHWEST 14TH AVENUE AND 750 FEET NORTH OF THE CENTER OF SOUTHWEST 2ND COURT, ELEVATION 2.572 FEET, BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988, SUPPLIED BY THE CITY OF FORT LAUDERDALE. UNDERGROUND FOUNDATIONS OR STRUCTURES ARE NOT SHOWN, UNLESS OTHERWISE NOTED. LOCATION OF ANY VEGETATION SHOWN IS APPROXIMATE. EASEMENTS OR RIGHTS-OF-WAY OF RECORD WHICH COULD BE REVEALED BY A COMPLETE SEARCH OF THE PUBLIC RECORDS MAY NOT BE SHOWN. APPROXIMATE LOCATION OF SURVEY MAP IS INDICATED BY DOTTED LINE AND APPROXIMATE DISTANCE FROM THE SURVEY POINT.

© COPYRIGHT 2019 MARLY GREENE
PROFESSIONAL SURVEYOR AND MAPPER
FLORIDA LICENSE NUMBER 3707
10008 NORTHEAST 25TH AVENUE, SUITE 301
AVENTURA, FLORIDA 33180-2217
TELEPHONE:
954-522-0193 (BROWARD COUNTY)
305-932-2843 (MIAMI-DADE COUNTY)
EMAIL: teregreen@meff.com

NOTHARD BOUNDARY AND MEAN HIGH WATER SURVEY
215 SOUTHWEST 14TH WAY
FORT LAUDERDALE, FLORIDA 33312-7548

DESCRIPTION: LOTS 1 AND 2, BLOCK 2, BROWARD COUNTY, IS SUBDIVISION AS SHOWN ON THE PLAN RECORDED AT PLAT BOOK 10, PAGE 3 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA TOGETHER WITH THE WESTERLY 25 FEET OF THE VACATED RIGHT-OF-WAY OF KENNELWORTH PLACE (ALSO KNOWN AS SOUTHWEST 14TH WAY) ADJOINING SAID LOTS 1 AND 2.
I HEREBY CERTIFY EXCLUSIVELY TO MARLY NOTHARD AND KIM NOTHARD THAT THIS SURVEY MEETS THE FLORIDA STANDARDS OF PRACTICE SET FORTH PURSUANT TO SECTION 492.027, FLORIDA STATUTES, BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 54-17.650 F.S.
REVISIONS:
1. APRIL 11, 2018, RELOCATED SHED
2. JANUARY 29, 2019, UPDATED SURVEY
MARLY GREENE
DATE OF SURVEY: MAY 18, 2019



PROJECT
NOTHARD HOUSE RENOVATION
 215 SW 14TH WAY, FORT LAUDERDALE, FL 33312

CLIENT
KIM NOTHARD
 215 SW 14TH WAY, FORT LAUDERDALE, FL 33312

DESIGNER
GLAVOVIC STUDIO
 724 NE 3RD AVENUE, FT. LAUDERDALE FL 33304
 T 954-524-5728 F 954-524-5729

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 FORT LAUDERDALE, FL 33304
 www.deltag.net
 P 954 527 1112


REGISTRATION
 PROFESSIONAL OF RECORD
 DISCIPLINE: ARCHITECTURE
 REGISTRATION NO.:
TERENCE O'CONNOR

ISSUE

MARK	DATE	DESCRIPTION

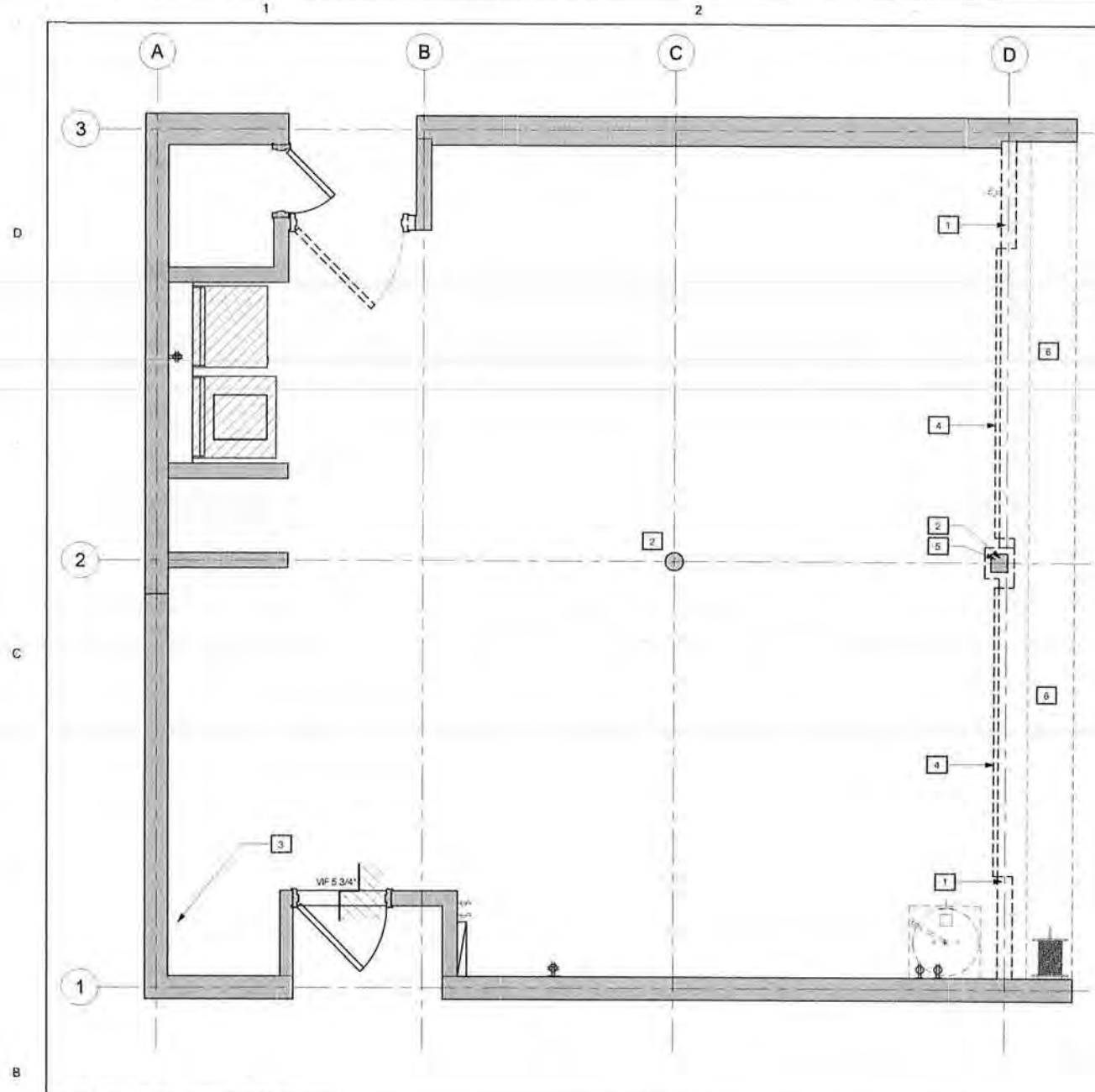
PROJECT NO: 1814
 DRAWN BY: Author
 CHECK BY: Checker

KEYPLAN



SHEET TITLE / SHEET NUMBER
SITE PLAN - PROPOSED PLAN
ASP-102

1 SITE PLAN - PROPOSED PLAN
 ASP-102 SCALE: 1/8" = 1'-0"



1 DEMOLISHED PLAN

AD-101 SCALE 1/2" = 1'-0"


TYPE	DESCRIPTION
	EXISTING WALL TO BE DEMOLISHED
	EXISTING WALL
	KEY NOTES
	EXISTING DOOR
	EXISTING DOOR AND FRAME TO BE REMOVED
	LED RECESSED DOWNLIGHT
	SINGLE POLE SWITCH

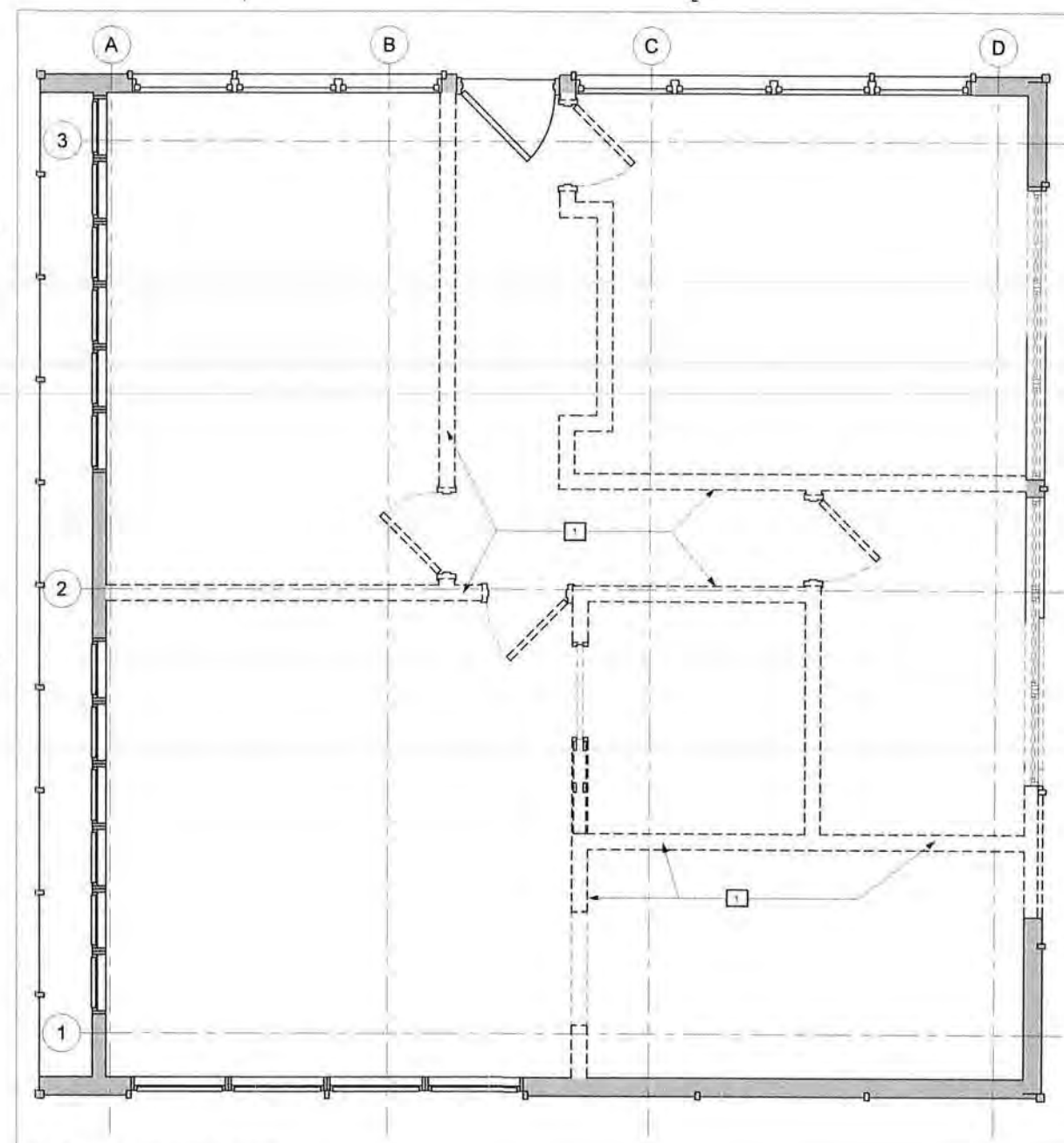
GENERAL DEMOLITION NOTES

1. THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR HAULING AND LEGALLY DISPOSING OF MATERIALS REMOVED IN DEMOLITION WORK.
2. THE PROCEDURES PROPOSED FOR THE ACCOMPLISHMENT OF SALVAGE AND DEMOLITION WORK SHALL BE SUBMITTED FOR REVIEW. THE PROCEDURES SHALL PROVIDE FOR SAFE CONDUCT OF THE WORK, CAREFUL REMOVAL AND DISPOSITION OF MATERIALS, PROTECTION OF PROPERTY, COORDINATION WITH WORK OF OTHERS IN PROGRESS, AND TIMELY DISCONNECTION OF UTILITY SERVICES. THE PROCEDURES SHALL INCLUDE A DETAILED DESCRIPTION OF METHODS AND EQUIPMENT TO BE USED FOR EACH OPERATION AND THE SEQUENCE OF OPERATION.
3. TITLE TO MATERIALS: TITLE TO ALL MATERIAL AND EQUIPMENT TO BE DEMOLISHED AND REMOVED EXCEPT ITEMS INDICATED TO BE TURNED OVER TO THE OWNER IS VESTED IN THE CONTRACTOR AT START OF PROJECT. ALL PLUMBING FIXTURES, LIGHTING FIXTURES, A/C EQUIPMENT, APPLIANCES, TRAYS, SPECIALTY ITEMS, ETC. SHALL BE EVALUATED BY A REPRESENTATIVE OF THE OWNER, AS TO THE STATUS OF THEIR REMOVAL. THE OWNER WILL NOT BE RESPONSIBLE FOR THE CONDITIONS, LOSS OR DAMAGE OF SUCH PROPERTY AFTER NOTICE TO PROCEED. THE CONTRACTOR SHALL VISIT THE SITE OF THE WORK AND EXAMINE THE PLANS AND IT WILL BE ASSUMED THAT THE CONTRACTOR HAS INVESTIGATED AND IS FULLY INFORMED OF THE CONDITIONS AND MATERIALS TO BE ENCOUNTERED AS TO CHARACTER, QUALITY AND QUANTITIES OF WORK TO BE PERFORMED AND MATERIALS TO BE FURNISHED AND AS TO THE REQUIREMENTS OF THE PLANS.
4. THE CONTRACTOR SHALL REMOVE ALL SPECIFIC ITEMS INDICATED ON THESE DRAWINGS AND ALSO REMOVE ANY OTHER ITEMS OR CONSTRUCTION AS REQUIRED TO ACCOMPLISH ALL NEW WORK TO AREAS SHOWN.
5. ALL DIMENSIONS SHOWN ARE TO BE VERIFIED IN THE FIELD AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
6. THE AMOUNT OF DUST RESULTING FROM DEMOLITION SHALL BE CONTROLLED TO PREVENT THE SPREAD OF DUST TO AVOID CREATION OF A NUISANCE IN THE SURROUNDING AREA. USE OF WATER WILL NOT BE PERMITTED WHEN IT WILL RESULT IN, OR CREATE, HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS FLOODING AND POLLUTION. THE USE OF WATER WILL BE PERMITTED FOR MISTING AND WET FLOOR MOPPING.
7. ALL EXISTING SURFACES SUCH AS WALLS, FLOORS, CEILINGS, BASES, ETC. THAT ARE AFFECTED BY THESE ALTERATIONS AND WERE INTENDED TO REMAIN, ARE TO HAVE NEW MATERIAL AND FINISH AS REQUIRED TO MATCH ALL ADJACENT EXISTING FINISHES.
8. GENERAL CONTRACTOR SHALL DO ALL CUTTING AND PATCHING OF EXISTING CONCRETE SLABS, PARTITIONS, ETC., AS MAY BE REQUIRED FOR ALL TRADES TO ACCOMPLISH ALL WORK REQUIRED BY THESE CONTRACT DOCUMENTS. CONTRACTOR SHALL DO ALL PATCHING AND PROVIDE NEW FINISHES TO MATCH EXISTING SO AS TO MAKE THE "PATCHED AREA" INDISTINGUISHABLE FROM THE EXIST. ADJACENT AREA.
9. UTILITY SERVICES: MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN. KEEP IN SERVICE, AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. A. DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR USE FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION.
10. PROTECTION: PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT GENERAL PUBLIC FROM INJURY DUE TO SELECTIVE DEMOLITION WORK. A. PROVIDE PROTECTIVE MEASURES AS REQUIRED TO PROVIDE FREE AND SAFE PASSAGE OF OWNER'S PERSONAL AND GENERAL PUBLIC TO AND FROM OCCUPIED PORTIONS OF BUILDINGS.
11. GARBAGE REMOVAL SHOULD BE BY COVERED CART ONLY.
12. OWNER SHALL REMOVE ALL FURNITURE. CONTRACTOR SHALL BE RESPONSIBLE FOR COVERING, PROTECTING AND STORAGE ALL REMAINING EQUIPMENT AND CABINETS.
13. DEMOLITION SHALL BE LIMITED TO DAYTIME HOURS ONLY. DO NOT DISTURB THE INTEGRITY OF THE EXISTING STRUCTURAL SYSTEM. CONFIRM LOCATION OF EXISTING STRUCTURAL SUPPORTS AND MEMBERS PRIOR TO CORE DRILLING AND/OR CUTTING OPENINGS FOR NEW PLUMBING AND/OR MECHANICAL LINES, AND NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS.
14. COORDINATE ALL PHASES OF THE WORK WITH THE OWNER PRIOR TO PROCEEDING.
15. IF NECESSARY, EXISTING WALLS MAY BE REMOVED TO RECEIVE NEW EQUIPMENT THAT WILL NOT FIT THROUGH DOORS. CONTRACTOR TO PATCH AND REPAIR AFFECTED WALLS TO MATCH ORIGINAL MATERIALS AND FIRE RATING AND INSTALL NEW FINISHES AS SCHEDULED AND, OR TO MATCH EXISTING. REMOVE AND REINSTALL EXISTING CEILINGS AS REQUIRED FOR INSTALLATION OF NEW PLUMBING LINES, AS INDICATED ON THE MEP DRAWINGS. PATCH AND REPAIR EXISTING FINISHES WHERE DAMAGED BY THE WORK. PHASE ALL WORK WITH THE OWNER PRIOR TO PROCEEDING.

DEMOLITION KEY NOTES

- 1 ENTIRETY OF WALL TO BE REMOVED. SALVAGE AND PRESERVE ALL EXTERIOR CLAPBOARD MATERIAL FOR RE-USE
- 2 PRESERVE ALL EXISTING STRUCTURE (COLUMNS/ BEAMS/ ETC.)
- 3 REMOVE SHOWER. EXISTING CONNECTION TO REMAIN.
- 4 GARAGE DOOR AND TRACKS ABOVE TO BE REMOVED.
- 5 COLUMN TO BE EXPOSED.
- 6 REMOVE EXISTING TILE FLOOR AND PLATFORM
- 7 ALL EXISTING DOWN LIGHTS TO BE REMOVED.
- 8 EXISTING CEILING TO BE REMOVED. EXPOSED WOOD JOIST ABOVE.

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1 EXISTING 2ND FLOOR
 AD-102 SCALE: 1/2" = 1'-0"

SYMBOL LEGEND - DEMOLITION PLANS	
TYPE	DESCRIPTION
[Dashed line symbol]	EXISTING WALL TO BE DEMOLISHED
[Solid line symbol]	EXISTING WALL
[Square with 'S' symbol]	KEY NOTES
[Triangle with 'EX' symbol]	EXISTING DOOR
[Triangle with 'E' symbol]	EXISTING DOOR AND FRAME TO BE REMOVED
[Square with 'LD' symbol]	LED RECESSED DOWNLIGHT
[Square with 'S' symbol]	SINGLE POLE SWITCH

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9. UTILITY SERVICES: MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN, KEEP IN SERVICE, AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. A. DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR USE FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION.
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16. REMOVE AND REINSTALL EXISTING CEILING AS REQUIRED FOR INSTALLATION OF NEW PLUMBING LINES, AS INDICATED ON THE MEP DRAWINGS. PATCH AND REPAIR EXISTING FINISHES WHERE DAMAGED BY THE WORK. PHASE ALL WORK WITH THE OWNER PRIOR TO PROCEEDING.

DEMOLITION KEY NOTES

1 EXISTING WALL TO BE DEMOLISHED.

PROJECT
 NOTHARD HOUSE RENOVATION
 215 SW 14TH WAY, FORT LAUDERDALE, FL 33312

CLIENT
 KIM NOTHARD
 215 SW 14TH WAY, FORT LAUDERDALE, FL 33312

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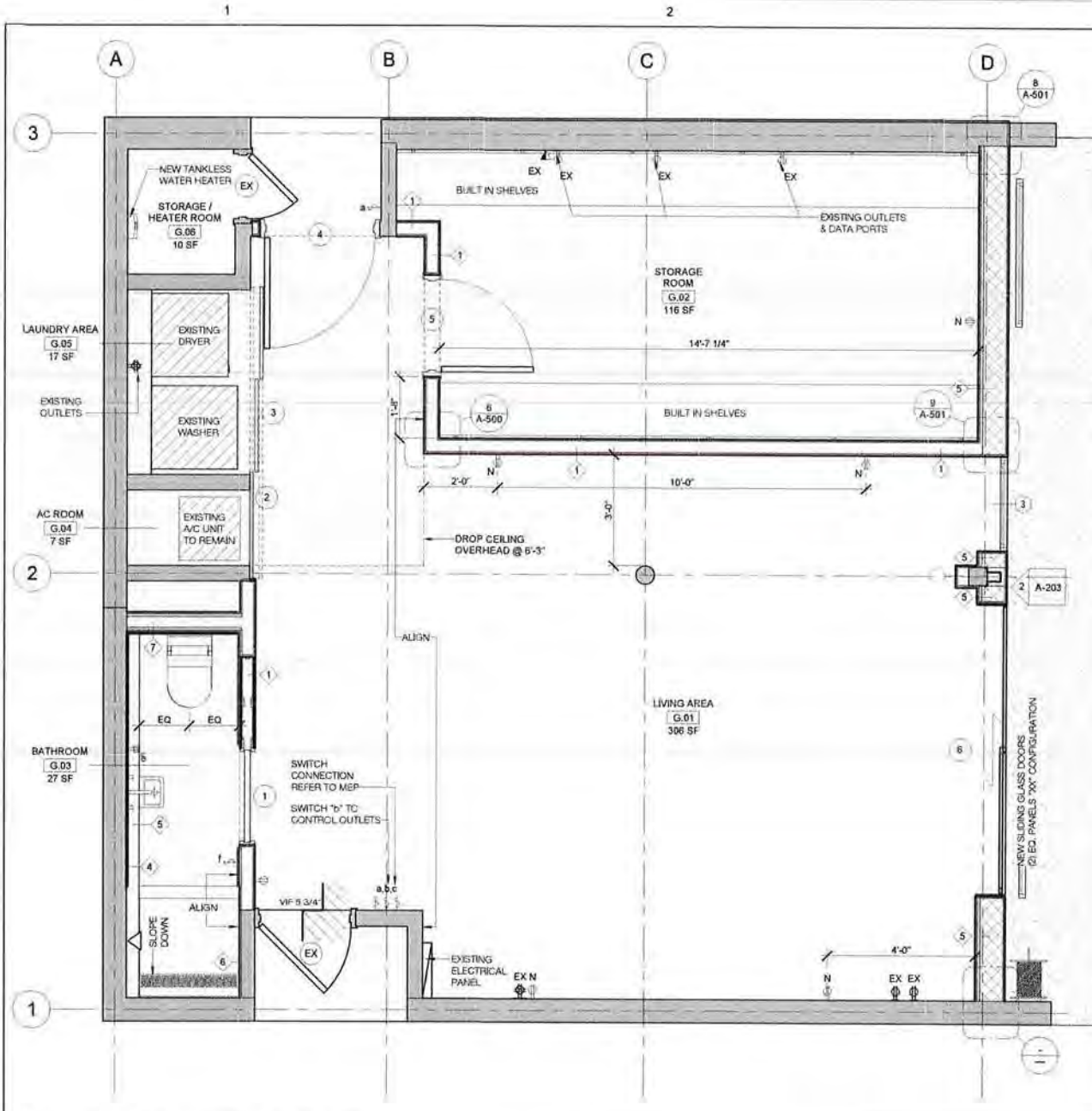
ISSUE

MARK	DATE	DESCRIPTION

PROJECT NO: 1814
 DRAWN BY: Author
 CHECK BY: Checker

KEYPLAN

SHEET TITLE / SHEET NUMBER
 2ND FLOOR DEMOLITION PLAN
 AD-102



1 1ST FLOOR CONSTRUCTION PLAN
 A-101 SCALE: 1/2" = 1'-0"

SYMBOLS-LEGEND			
TYPE	DESCRIPTION	TYPE	DESCRIPTION
ROOM	ROOM NAME & ROOM NUMBER	☼	LED RECESSED DOWNLIGHT
(1)	DOOR NUMBER	⚡	SINGLE POLE SWITCH
(1)	WINDOW NUMBER	⋯⋯⋯	EXISTING WALL TO BE DEMOLISHED
(1)	WALL TYPE	—	EXISTING DOOR AND FRAME TO BE RECAVED
(1)	DETAIL NUMBER		AREA OF WINDOW TO BE REMOVED
(1)	SHEET NUMBER		EXISTING APPLIANCES
1	INTERIOR ELEVATION	—	NEW LIGHT FIXTURE
1	SPECIFIC NOTES		DROP CEILING ABOVE
—	NEW WALL		
—	EXISTING WALL		
EX	EXISTING DOOR		
101	NEW DOOR		

GENERAL FLOOR PLAN NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE OF THE WORK AND EXAMINE THE PLANS AND IT WILL BE ASSUMED THAT THE CONTRACTOR HAS INVESTIGATED AND IS FULLY INFORMED AS TO THE CONDITIONS AND MATERIALS TO BE ENCOUNTERED AS TO CHARACTER, QUALITY AND QUANTITIES OF WORK TO BE PERFORMED AND MATERIALS TO BE FURNISHED AND AS TO THE REQUIREMENTS OF THE PLANS.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FINAL PLANS AND ON THE JOB SITE PRIOR TO EXECUTION OF ANY WORK AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS ARISING FROM A FAILURE TO PERFORM A VERIFICATION AND TO MAKE TIMELY NOTIFICATION OF DISCREPANCIES. THE ARCHITECT WILL, IN AN EXPEDITIOUS MANNER, PROVIDE THE OWNER WITH REVISED DRAWINGS REFLECTING ANY OF THESE DISCREPANCIES AND RELATED MITIGATION FOR REVIEW AND APPROVAL. DO NOT SCALE DRAWINGS.
3. CONTRACTOR WILL GUARANTEE IN WRITING ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER AND WILL, AT HIS OWN COST, REPAIR OR REPLACE ALL WORK OR DAMAGE CAUSED BY WORK OF SUBCONTRACTORS WHICH BECOMES DEFECTIVE DURING THE TERM OF THE GUARANTEE.
4. CONTRACTOR SHALL COORDINATE AND SUPERVISE HIS WORK AND WORK BY SUBCONTRACTORS.
5. THESE PLANS ARE THE PROPERTY OF THE ARCHITECT AND SHALL NOT BE USED, REPRODUCED, OR CHANGED IN ANY WAY WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT.
6. GENERAL CONTRACTOR SHALL DO ALL CUTTING AND PATCHING OF CONCRETE SLABS, ETC., AS MAY BE REQUIRED FOR ALL TRADES TO ACCOMPLISH ALL WORK REQUIRED BY THESE CONTRACT DOCUMENTS. PATCH & REPAIR AS REQ'D.
7. CONTRACTOR'S INSTALLATION OF ALL UTILITIES AND SUBSEQUENT HOOKUP SHALL BE AS NECESSARY TO ASSURE CONFORMANCE WITH UTILITY COMPANY REQUIREMENTS.
8. IT IS THE INTENT OF THE ARCHITECT THAT THIS WORK BE IN CONFORMANCE WITH BUILDING AUTHORITIES HAVING JURISDICTION OVER THIS TYPE OF WORK AND OCCUPANCY. ALL CONTRACTORS SHALL DO THEIR WORK IN COMPLIANCE WITH THE LATEST EDITION OF THE FLORIDA BUILDING CODE, NATIONAL ELECTRIC CODE, NFPA, OSHA AND OTHER APPLICABLE CODES AND REGULATIONS.
9. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS REQUIRED TO COMPLETE THE WORK WITH GOOD WORKMANSHIP AND ASSURE PROPER WORKING ORDER.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR THE COST OF ALL INSPECTIONS AND TESTS REQUIRED TO IMPLEMENT THE PLANS.
11. AFTER APPROVAL OF THE FINAL PLANS, ALL REVISIONS MUST PROCEED THROUGH THE ARCHITECT FOR APPROVAL. ANY REVISIONS MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT MAY BE CONSIDERED INVALID AND, AT THE SOLE DISCRETION OF THE ARCHITECT, THE WORK REJECTED AND REQUIRED TO BE MODIFIED AT NO COST TO THE OWNER.
12. OWNER'S SUB-CONTRACTORS SHALL BE ALLOWED TO DO WORK PRIOR TO SUBSTANTIAL COMPLETION SUBJECT ONLY TO THE APPROPRIATE PROGRESS OF THE WORK AND A SEVEN (7) DAY PRIOR NOTICE OF INTENT BY OWNER TO THE CONTRACTOR.
13. CONTRACTOR SHALL PROVIDE PUBLIC PROTECTION AS NECESSARY PER CITY AND LOCAL CODE REQUIREMENTS.
14. ALL MATERIALS AND WORK TO CONFORM TO LATEST GOVERNING BUILDING CODES AND REGULATIONS. SUBMIT FOR REVIEW NO LESS THAN (6) SETS OF SHOP DRAWINGS WHERE REQUIRED AND/OR INDICATED.
15. CONTRACTOR SHALL PROVIDE ACCESS PANELS AS REQUIRED BY PLUMBING, AIR CONDITIONING AND OTHER TRADES, AND AS REQUIRED BY CODES, LOCATIONS AND TYPE OF PANEL, TO BE REVIEWED AND APPROVED BY THE ARCHITECT.
16. ALL FIRE & SMOKE WALLS SHALL BE STENCILED ABOVE CEILING.

GENERAL CEILING PLAN NOTES

1. SEE ELECTRICAL DRAWINGS FOR THE LOCATION OF ALARMS, SMOKE DETECTORS, EMERGENCY LIGHTS, SIGNALS, ETC. AND ADDITIONAL INFORMATION.
2. SEE MECHANICAL DRAWINGS FOR LOCATION OF AC GRILLES, FAN COIL UNITS, FIRE DAMPERS, ETC.
3. CEILING HEIGHTS INDICATED THUS (ACT 99-09) X.F.F.), REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
4. CONFIRM THAT SCHEDULED CEILING HEIGHTS WILL ACCOMMODATE AC EQUIPMENT AND DUCTWORK AT INTENDED LOCATIONS PRIOR TO INSTALLATION. NOTIFY ARCHITECT IMMEDIATELY IF CEILING HEIGHTS NEED TO BE ADJUSTED.
5. ALL CEILINGS, LIGHT FIXTURES, SOFFITS, ETC. INDICATED ARE NEW UNLESS OTHERWISE NOTED.
6. SEE FINISH SCHEDULE FOR FINISH TYPES.
7. EXIT LIGHTS AND EMERGENCY LIGHTS INSTALLED BY G.C. PER LOCAL CODE.
8. EXTINGUISHERS, SMOKE AND FIRE DETECTION SYSTEMS INSTALLED BY G.C. PER LOCAL CODE.
9. ALL DEVICES ARE TO MATCH BUILDING STANDARD, UON
10. CONTRACTOR SHALL INCLUDE IN HIS SCOPE OF WORK CEILING
11. INSTALLATION FOR ACCESS IN AREAS NOT INDICATED ON DRAWING, AS WELL AS WORK REQUIRED AT FLOOR BELOW
12. CONTRACTOR TO COORDINATE ALL AIR SUPPLY & RETURN LOCATIONS WITH ARCHITECT
13. CONNECT MECHANICAL EXHAUST FAN TO LIGHT SWITCH
14. PROVIDE BATTERY BALLAST (90 MINUTE) FOR ALL EXIT SIGNS AND EMERGENCY LIGHTS.
15. ALL SWITCHES SHALL BE CIRCUITED TO PANEL, UON

PROJECT

NOTHARD HOUSE RENOVATION

215 SW 14TH WAY,
FORT LAUDERDALE, FL 33312

CLIENT

KIM NOTHARD

215 SW 14TH WAY,
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REGISTRATION

PROFESSIONAL OF RECORD:
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TERENCE O'CONNOR

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PROJECT NO: 1814

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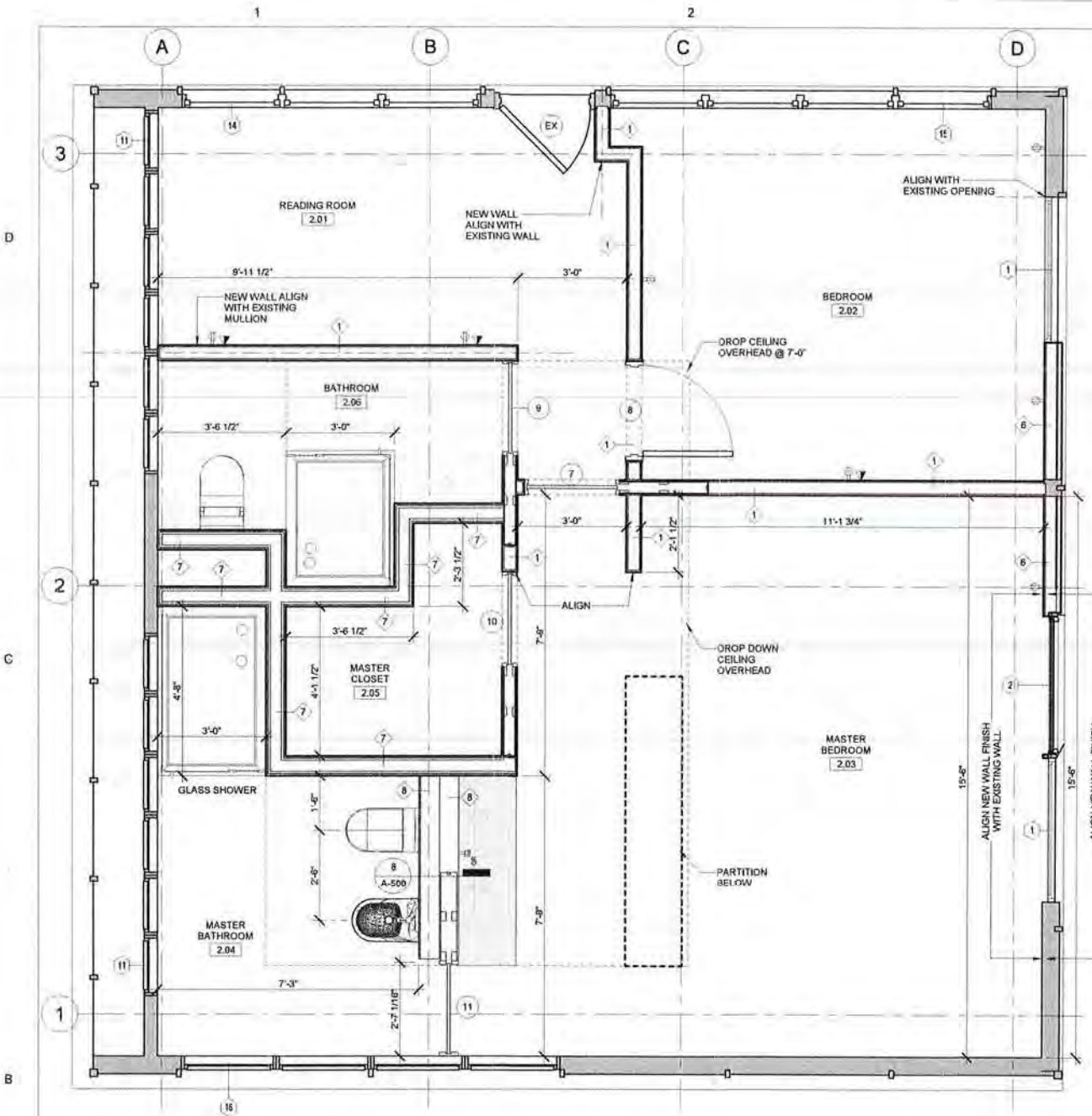
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SHEET TITLE / SHEET NUMBER

1ST FLOOR CONSTRUCTION PLAN

A-101



1 CONSTRUCTION 2ND FLOOR PLAN

A-102 SCALE: 1/2" = 1'-0"

SYMBOLS-LEGEND			
TYPE	DESCRIPTION	TYPE	DESCRIPTION
ROOM	ROOM NAME & ROOM NUMBER	LED	LED RECESSED DOWNLIGHT
1	DOOR NUMBER	SP	SINGLE POLE SWITCH
W	WINDOW NUMBER	-	EXISTING WALL TO BE DEMOLISHED
1	WALL TYPE		
SIM	DETAIL NUMBER		EXISTING DOOR AND FRAME TO BE REMOVED
A101	SHEET NUMBER		
A101	INTERIOR ELEVATION		AREA OF WINDOW TO BE REMOVED
	SPECIFIC NOTES		
	NEW WALL	AP	EXISTING APPLIANCES
	EXISTING WALL		
EX	EXISTING DOOR		NEW LIGHT FIXTURE
	NEW DOOR		DROP CEILING ABOVE

GENERAL FLOOR PLAN NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE OF THE WORK AND EXAMINE THE PLANS AND IT WILL BE ASSUMED THAT THE CONTRACTOR HAS INVESTIGATED AND IS FULLY INFORMED AS TO THE CONDITIONS AND MATERIALS TO BE ENCOUNTERED AS TO CHARACTER, QUALITY AND QUANTITIES OF WORK TO BE PERFORMED AND MATERIALS TO BE FURNISHED AND AS TO THE REQUIREMENTS OF THE PLANS.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FINAL PLANS AND ON THE JOB SITE PRIOR TO EXECUTION OF ANY WORK AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS ARISING FROM A FAILURE TO PERFORM A VERIFICATION AND TO MAKE TIMELY NOTIFICATION OF DISCREPANCIES. THE ARCHITECT WILL, IN AN EXPEDITIOUS MANNER, PROVIDE THE OWNER WITH REVISED DRAWINGS REFLECTING ANY OF THESE DISCREPANCIES AND RELATED MITIGATION FOR REVIEW AND APPROVAL.
3. DO NOT SCALE DRAWINGS.
4. CONTRACTOR WILL GUARANTEE IN WRITING ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER AND WILL, AT HIS OWN COST, REPAIR OR REPLACE ALL WORK OR DAMAGE CAUSED BY WORK OF SUBCONTRACTORS WHICH BECOMES DEFECTIVE DURING THE TERM OF THE GUARANTEE.
5. CONTRACTOR SHALL COORDINATE AND SUPERVISE HIS WORK AND WORK BY SUBCONTRACTORS.
6. THESE PLANS ARE THE PROPERTY OF THE ARCHITECT AND SHALL NOT BE USED, REPRODUCED, OR CHANGED IN ANY WAY WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT.
7. GENERAL CONTRACTOR SHALL DO ALL CUTTING AND PATCHING OF CONCRETE SLABS, ETC., AS MAY BE REQUIRED FOR ALL TRADES TO ACCOMPLISH ALL WORK REQUIRED BY THESE CONTRACT DOCUMENTS. PATCH & REPAIR AS RES'D.
8. CONTRACTOR'S INSTALLATION OF ALL UTILITIES AND SUBSEQUENT HOOKUP SHALL BE AS NECESSARY TO ASSURE CONFORMANCE WITH UTILITY COMPANY REQUIREMENTS.
9. IT IS THE INTENT OF THE ARCHITECT THAT THIS WORK BE IN CONFORMANCE WITH BUILDING AUTHORITIES HAVING JURISDICTION OVER THIS TYPE OF WORK AND OCCUPANCY. ALL CONTRACTORS SHALL DO THEIR WORK IN COMPLIANCE WITH THE LATEST EDITION OF THE FLORIDA BUILDING CODE, NATIONAL ELECTRIC CODE, NFPA, OSHA AND OTHER APPLICABLE CODES AND REGULATIONS.
10. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS REQUIRED TO COMPLETE THE WORK WITH GOOD WORKMANSHIP AND ASSURE PROPER WORKING ORDER.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR THE COST OF ALL INSPECTIONS AND TESTS REQUIRED TO IMPLEMENT THE PLANS.
12. AFTER APPROVAL OF THE FINAL PLANS, ALL REVISIONS MUST PROCEED THROUGH THE ARCHITECT FOR APPROVAL. ANY REVISIONS MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT MAY BE CONSIDERED INVALID AND, AT THE SOLE DISCRETION OF THE ARCHITECT, THE WORK REJECTED AND REQUIRED TO BE MODIFIED AT NO COST TO THE OWNER.
13. OWNER'S SUB-CRATORS SHALL BE ALLOWED TO DO WORK PRIOR TO SUBSTANTIAL COMPLETION SUBJECT ONLY TO THE APPROPRIATE PROGRESS OF THE WORK AND A SEVEN (7) DAY PRIOR NOTICE OF INTENT BY OWNER TO THE CONTRACTOR.
14. CONTRACTOR SHALL PROVIDE PUBLIC PROTECTION AS NECESSARY PER CITY AND LOCAL CODE REQUIREMENTS.
15. ALL MATERIALS AND WORK TO CONFORM TO LATEST GOVERNING BUILDING CODES AND REGULATIONS. SUBMIT FOR REVIEW NO LESS THAN (8) SETS OF SHOP DRAWINGS WHERE REQUIRED AND/OR INDICATED.
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17. ALL FIRE & SMOKE WALLS SHALL BE STENCILED ABOVE CEILING.

CONSTRUCTION SPECIFIC NOTES

1. NEW WALL TO BE CENTERED TO ALIGN TO WINDOW MULLION
2. NEW PATIO DECK EXTENSION LINE TO BE PARALLEL WITH EXISTING WALL CF HOME. MATCH ANGLES
3. NEW BAR, SHOP DRAWINGS TO BE PROVIDED BY MILLWORKER
4. NEW CONCRETE DECK TO HATCH PATTERN TO MATCH EXISTING CONCRETE HARD-SCAPE
5. EXISTING MASONRY WALL, GC TO PREPARE SMOOTH STUCCO FINISH FLOOR TO TOP OF WALL LEVEL. ENSURE THERE ARE NO HOLES OR PATCHES VISIBLE. SAMPLE TO BE PROVIDED AND APPROVED IN ADVANCE BY OWNER.

GENERAL CEILING PLAN NOTES

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15. ALL SWITCHES SHALL BE CIRCUITED TO PANEL, UON

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CLIENT

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PROFESSIONAL OF RECORD

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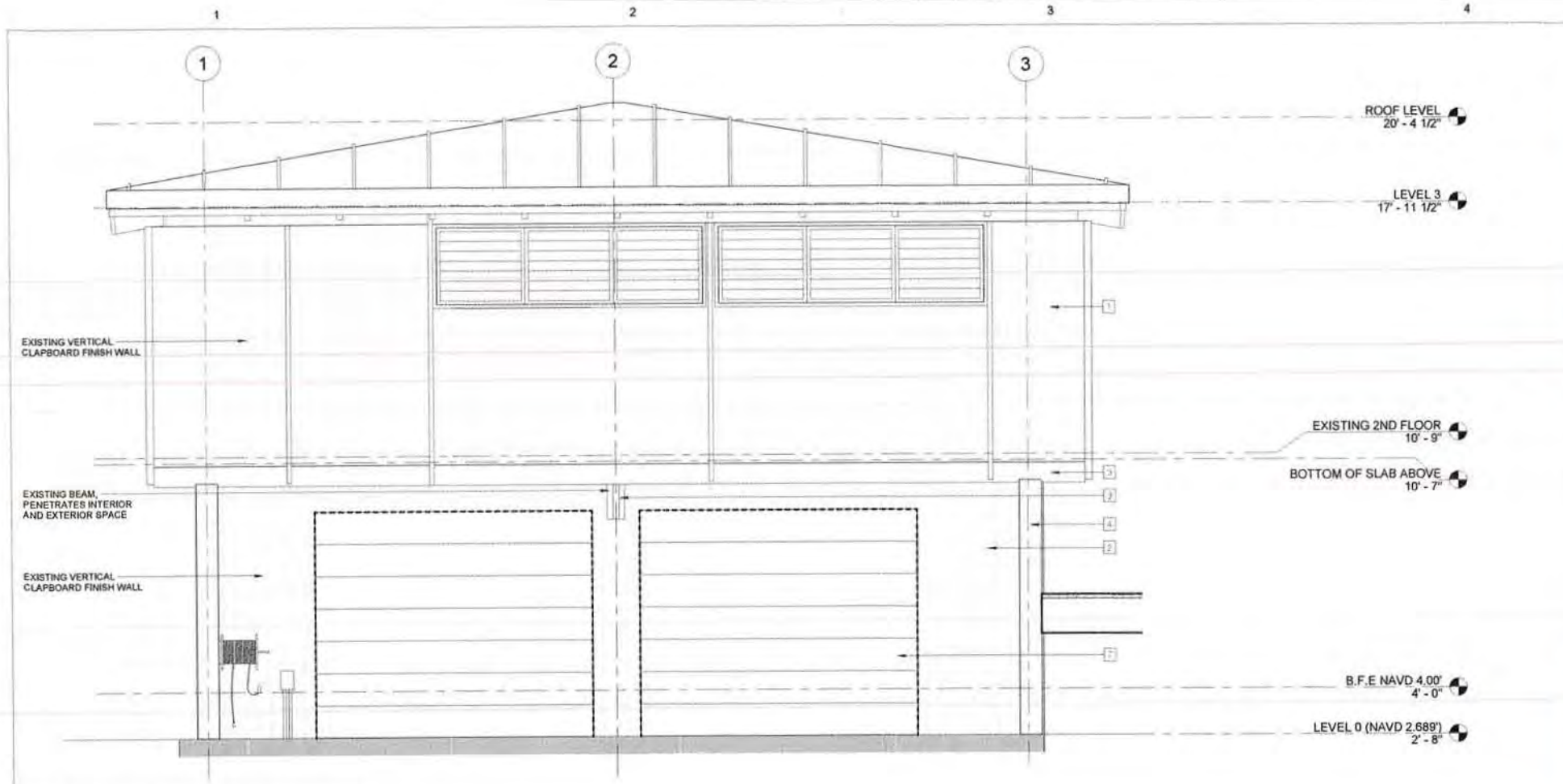
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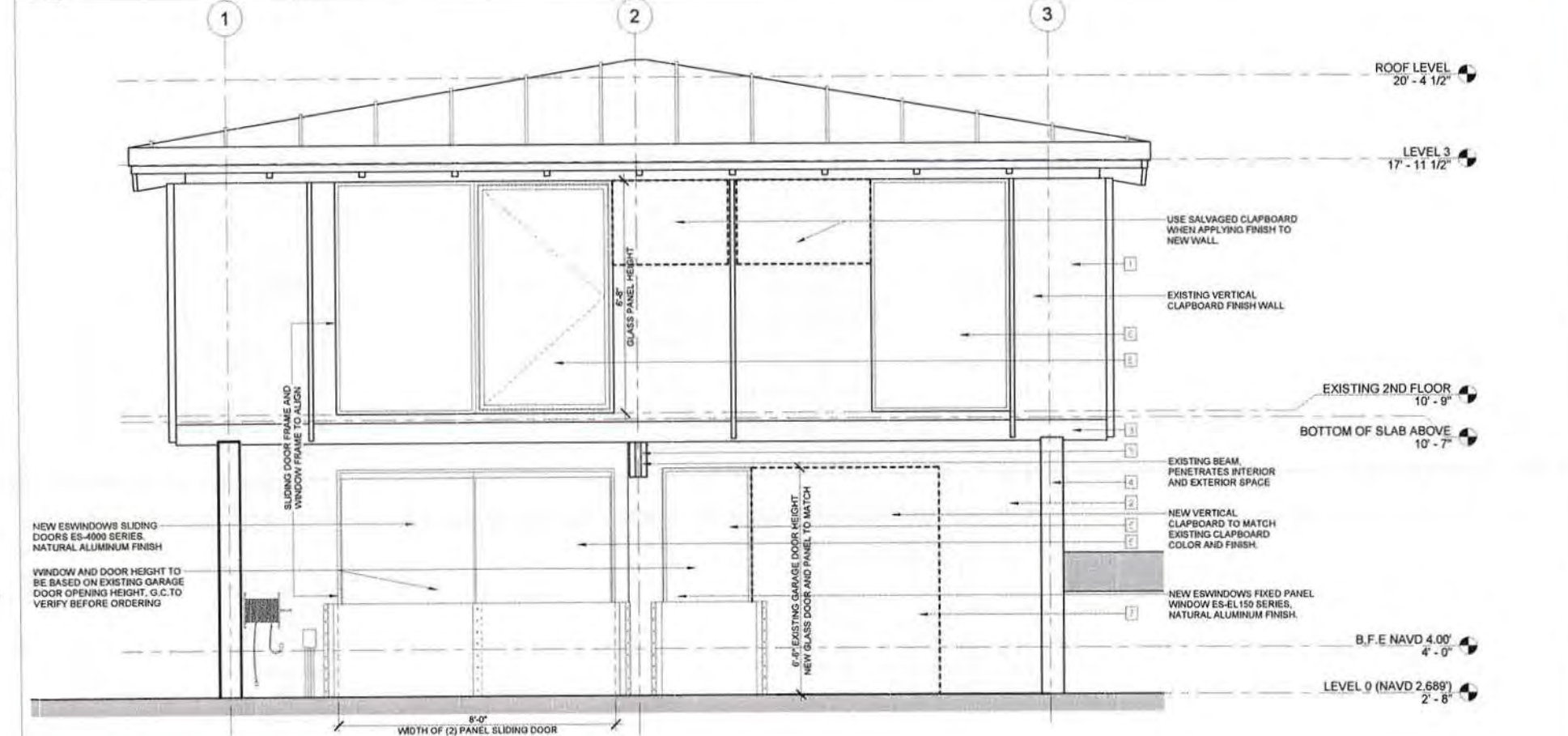
SHEET TITLE / SHEET NUMBER

2ND FLOOR CONSTRUCTION PLAN

A-102



1 EXISTING FACADE ELEVATION FULL.
A-203 SCALE 1/2" = 1'-0"



2 NEW FACADE ELEVATION WORKING SCOPE
A-203 SCALE 1/2" = 1'-0"

COLOR PALETTE



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KEYPLAN



SHEET TITLE / SHEET NUMBER
FACADE ELEVATION
A-203

PROJECT
**NOTHARD HOUSE
 RENOVATION**
 215 SW 14TH WAY,
 FORT LAUDERDALE, FL 33312

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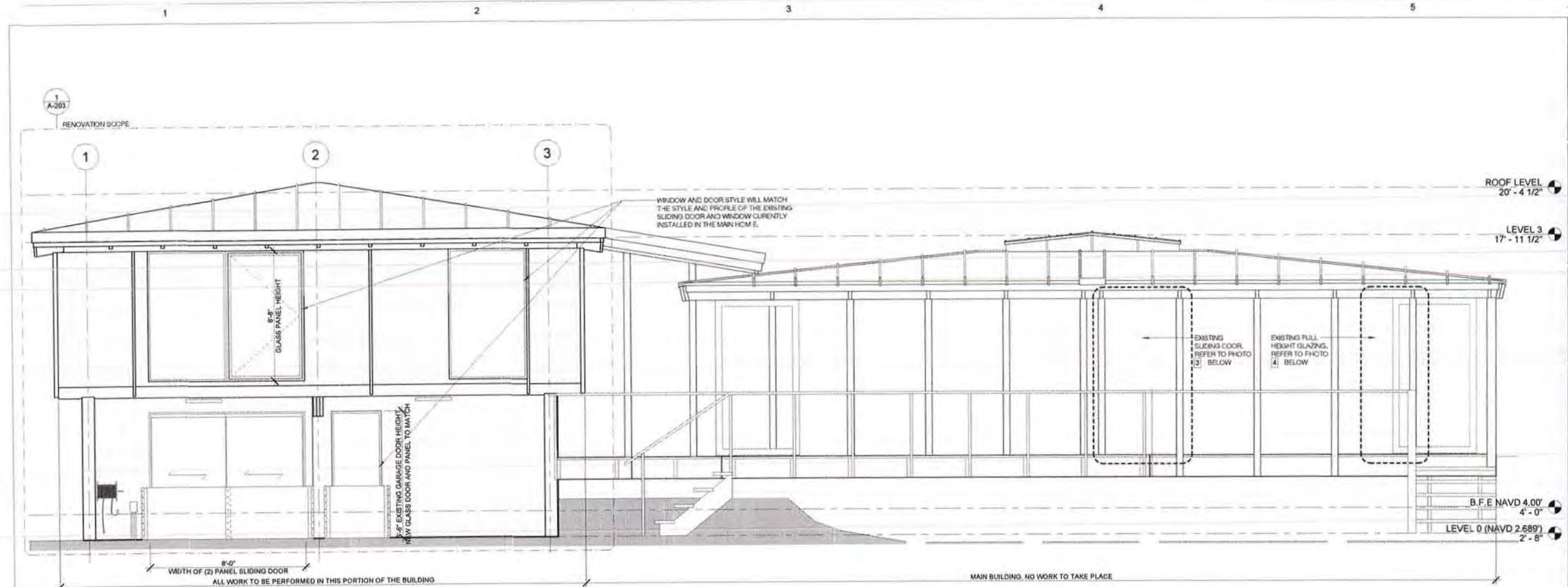
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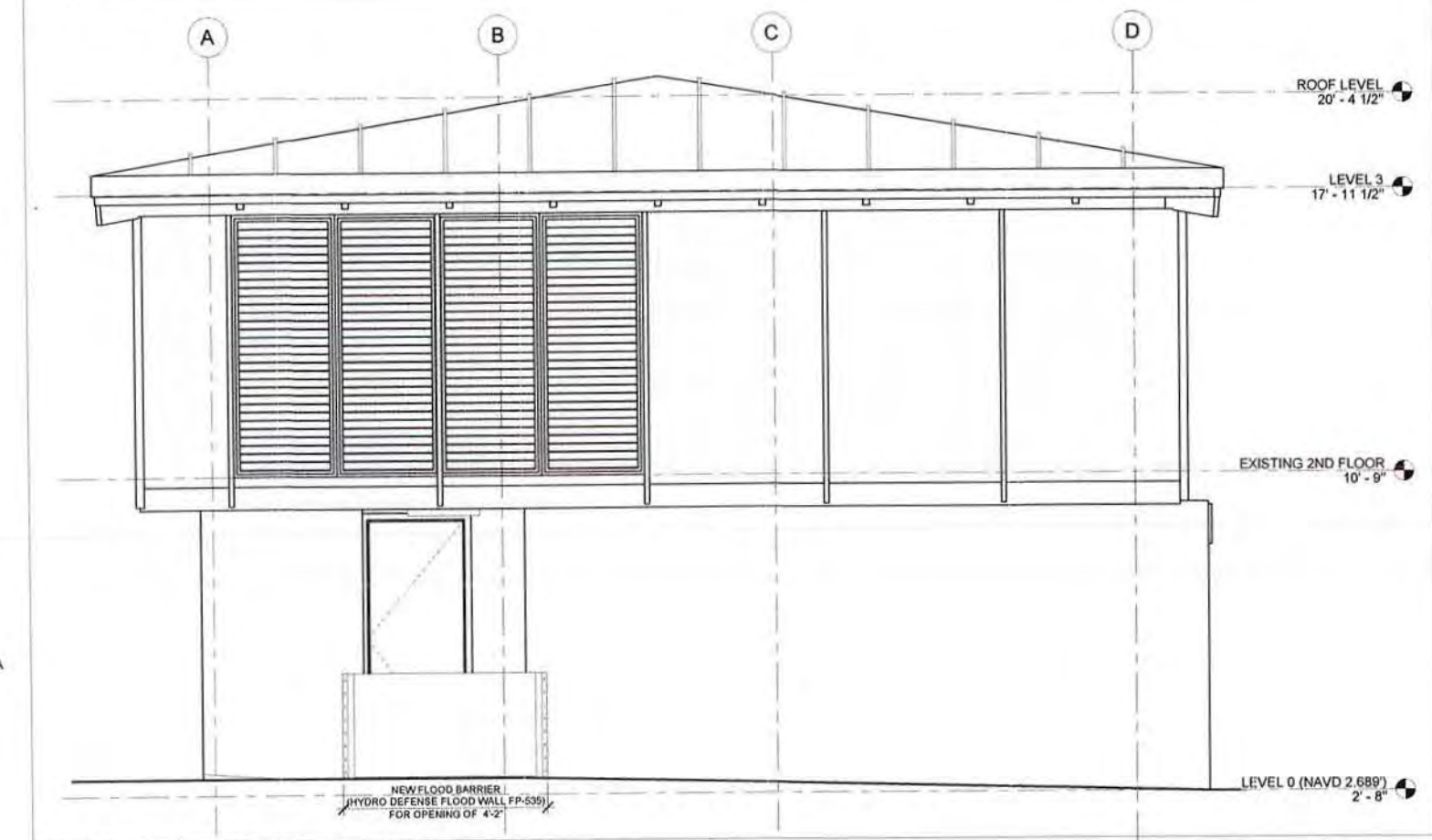
SHEET TITLE / SHEET NUMBER

FACADE ELEVATIONS

A-204



1 NEW FACADE ELEVATION - FULL
 SCALE: 3/8" = 1'-0"



2 NORTH EAST ELEVATION - FLOOD BARRIER
 SCALE: 1/2" = 1'-0"



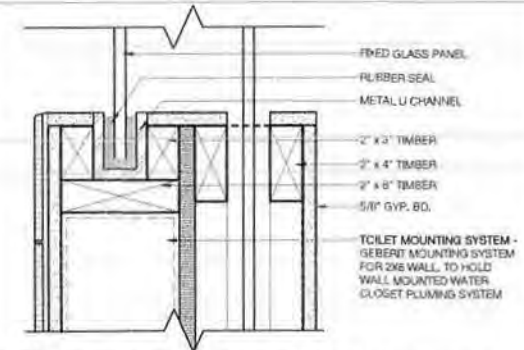
3 EXISTING GLASS SLIDING DOOR REF.



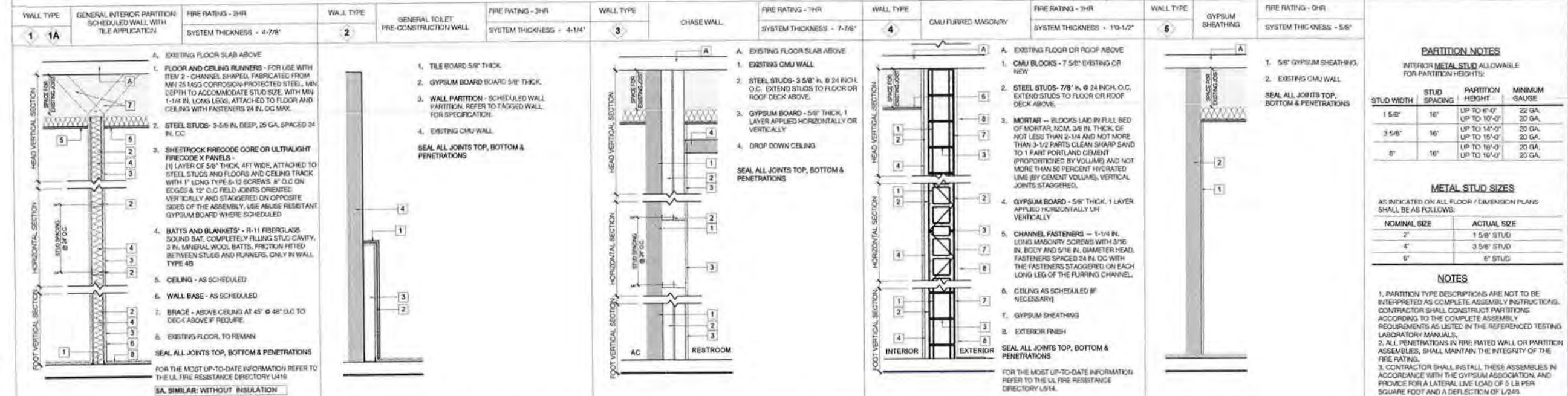
4 EXISTING FULL HEIGHT GLAZING REF.

DOOR SCHEDULE													
DOOR NO.	ROOM NO.	ROOM	DOOR / SYSTEM DESCRIPTION	WIDTH	HEIGHT	THICK.	MATERIAL	FINISH	FRAME FINISH	FRAME MATERIAL	HARDWARE (EXT./INT.)	MANUFACTURER	SERIES / MODEL NUMBER
1	0.03	BATHROOM	CUSTOM POCKET DOOR	2'-0"	6'-0"	0'-1 3/4"	PRIMED SMOOTH SURFACE, READY FOR PAINT	PAIN COLOR AND FINISH TO BE CHOSEN BY OWNER	WOOD	WOODEN BUILT UP POCKET FRAME	INT.	JELD-WEN	CUSTOM
2	0.01	LAUNDRY AREA	SLIDING DOOR WITH LCUVERS	2'-10"	6'-0"	0'-1"	PRIMED SMOOTH SURFACE, READY FOR PAINT	PAIN COLOR AND FINISH TO BE CHOSEN BY OWNER	WOOD	Pre-finished solid engineered wood	INT.	STEVES & SCANS	CUSTOM
3	0.01	LAUNDRY AREA	CUSTOM SLIDING DOOR	5'-0"	6'-0"	0'-3"	Primed smooth surface ready for painting	PAIN COLOR AND FINISH TO BE CHOSEN BY OWNER	WOOD	Pre-finished solid engineered wood	INT.	STEVES & SCANS	CUSTOM
4	0.01	TO MAIN HOME	CUSTOM SLIDING DOOR	3'-0"	6'-0"	0'-0"	Primed smooth surface ready for painting	PAIN COLOR AND FINISH TO BE CHOSEN BY OWNER	WOOD	Pre-finished solid engineered wood	EXT.	STEVES & SCANS	CUSTOM
5	0.02	STORAGE ROOM	CUSTOM SLIDING DOOR	2'-0"	6'-0"	0'-0"	WOOD	PAIN COLOR AND FINISH TO BE CHOSEN BY OWNER	WOOD	Pre-finished solid engineered wood	INT.	STEVES & SCANS	CUSTOM
6	0.01	TO REAR YARD	ESWINCOWS ES-400 SERIES SLIDING DOOR	7'-10"	6'-5"	0'-1"	ALUMINUM ALLOY ALLOY E063 WITH 7/16" LAMINATED GLASS	CLEAR GLASS				ESWINCOWS	ES-9000/8100
7	2.03	MASTER BEDROOM	SLIDING DOOR, CHOSEN BY OWNER	2'-0"	6'-0"	0'-1"							
8	2.01	BEDROOM	SLIDING DOOR, CHOSEN BY OWNER	2'-0"	6'-0"	0'-0"							
9	2.06	BATHROOM	SLIDING DOOR, CHOSEN BY OWNER	2'-0"	6'-0"	0'-1"							
10	2.06	MASTER CLOSET	SLIDING DOOR, CHOSEN BY OWNER	2'-0"	6'-0"	0'-1"							
11	2.03	MASTER BATHROOM	SLIDING GLASS DOOR, CHOSEN BY OWNER	2'-0"	6'-0"	0'-1"							

WINDOW SCHEDULE							
ROOM NO.	ROOM NAME	WINDOW / SYSTEM DESCRIPTION	WIDTH	HEIGHT	SERIES / MODEL NUMBER	MANUFACTURER	FRAME MATERIAL
2.02	BEDROOM	FIXED WINDOW	4'-0"	6'-0"	ES-EL150	ESWINDOW	ALUMINUM - ALLOY 6063
2.03	MASTER BEDROOM	FIXED WINDOW	4'-0"	6'-0"	ES-EL150	ESWINDOW	ALUMINUM - ALLOY 6063
0.01	LAUNDRY AREA	FIXED WINDOW	2'-6 3/4"	6'-0"	ES-EL150	ESWINDOW	ALUMINUM - ALLOY 6063
2.03	MASTER BEDROOM	CASEMENT WINDOW	3'-0"	6'-6"	ES-5000	ESWINDOW	



8 GLAZING WALL ON TOP OF CHASE WALL
A-500 SCALE: 3" = 1'-0"



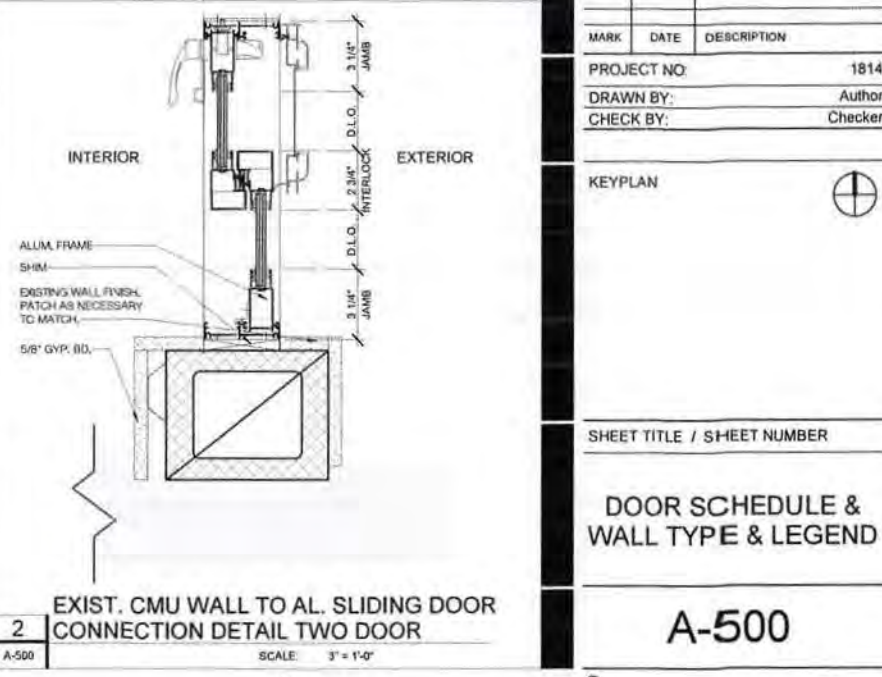
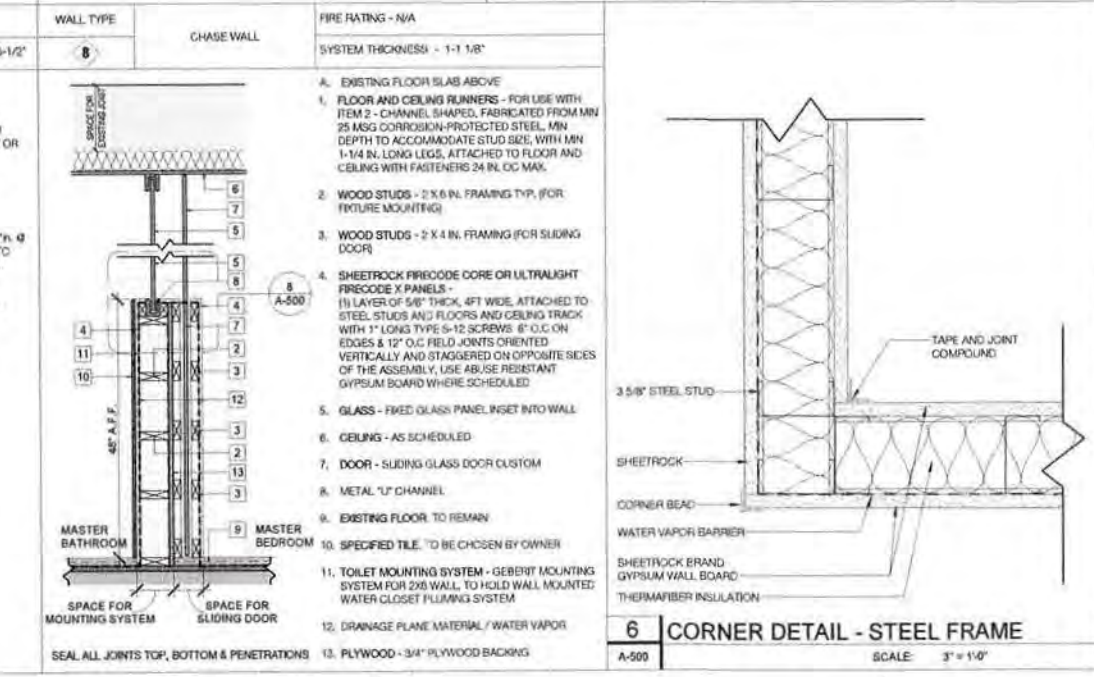
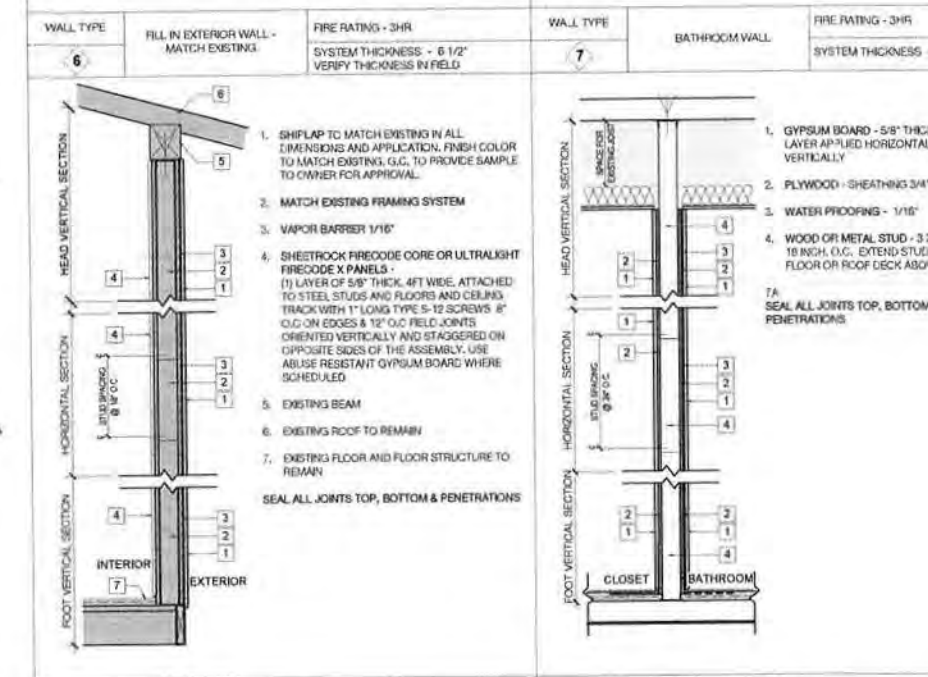
PARTITION NOTES
INTERIOR METAL STUD ALLOWABLE FOR PARTITION HEIGHTS:

STUD WIDTH	STUD SPACING	PARTITION HEIGHT	MINIMUM GAUGE
1 5/8"	16"	UP TO 6'-0"	22 GA.
3 5/8"	16"	UP TO 10'-0"	20 GA.
3 5/8"	16"	UP TO 15'-0"	20 GA.
6"	16"	UP TO 18'-0"	20 GA.
6"	16"	UP TO 18'-0"	20 GA.

METAL STUD SIZES
AS INDICATED ON ALL FLOOR / DIMENSION PLAN SHALL BE AS FOLLOWS:

NOMINAL SIZE	ACTUAL SIZE
2"	1 5/8" STUD
4"	3 5/8" STUD
6"	6" STUD

NOTES
1. PARTITION TYPE DESCRIPTIONS ARE NOT TO BE INTERPRETED AS COMPLETE ASSEMBLY INSTRUCTIONS. CONTRACTOR SHALL CONSTRUCT PARTITIONS ACCORDING TO THE COMPLETE ASSEMBLY REQUIREMENTS AS LISTED IN THE REFERENCED TESTING LABORATORY MANUALS.
2. ALL PENETRATIONS IN FIRE RATED WALL OR PARTITION ASSEMBLIES, SHALL MAINTAIN THE INTEGRITY OF THE FIRE RATING.
3. CONTRACTOR SHALL INSTALL THESE ASSEMBLIES IN ACCORDANCE WITH THE GYPSUM ASSOCIATION, AND PROVIDE FOR A LATERAL LIVE LOAD OF 5 LB PER SQUARE FOOT AND A DEFLECTION OF L/240.



6 CORNER DETAIL - STEEL FRAME A-500 SCALE: 3" = 1'-0"
2 EXIST. CMU WALL TO AL. SLIDING DOOR CONNECTION DETAIL TWO DOOR A-500 SCALE: 3" = 1'-0"

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PROFESSIONAL OF RECORD:
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KEYPLAN

SHEET TITLE / SHEET NUMBER
DOOR SCHEDULE & WALL TYPE & LEGEND
A-500

PROJECT

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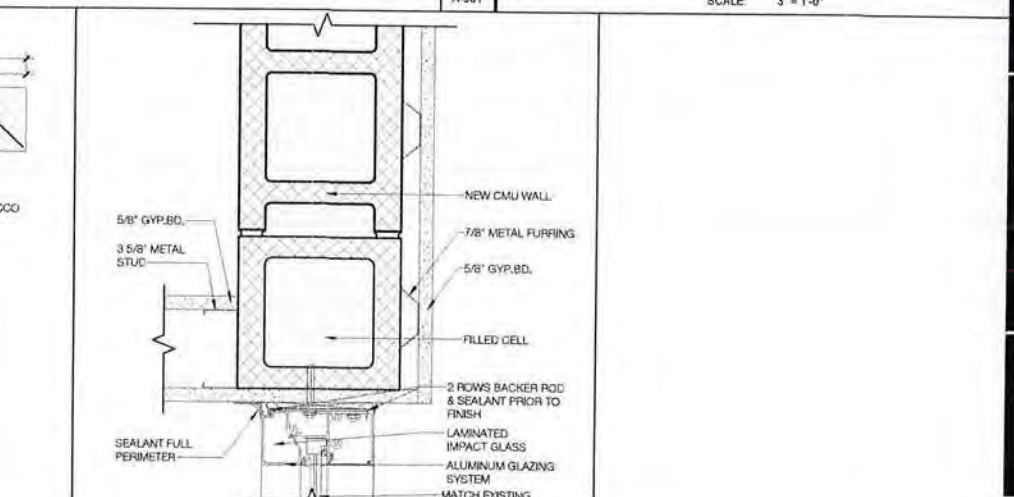
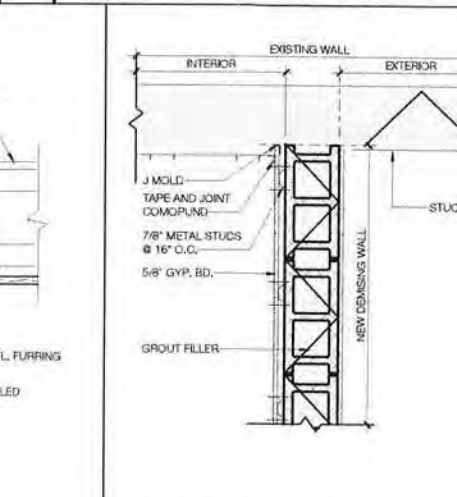
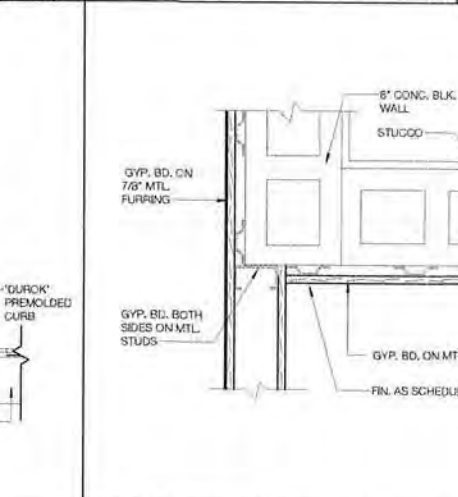
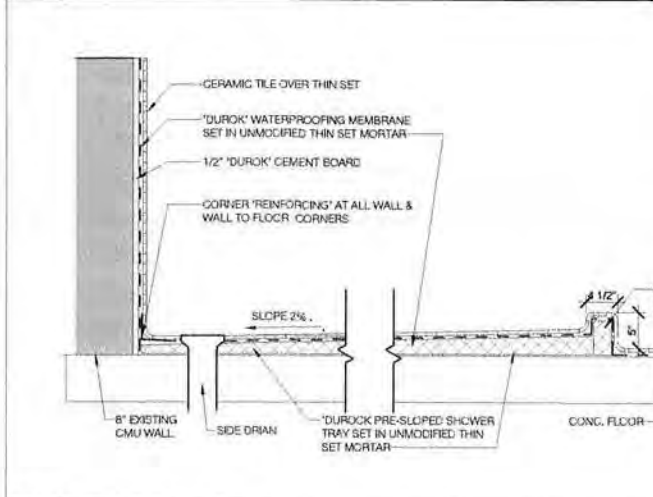
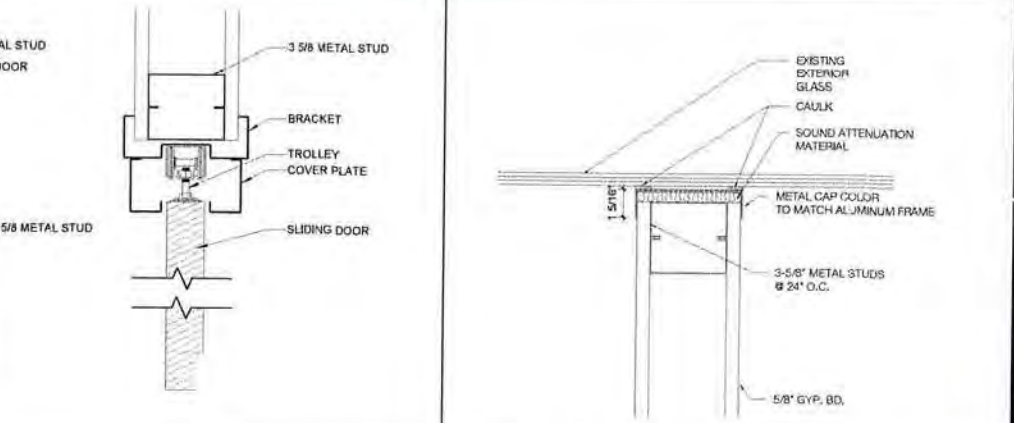
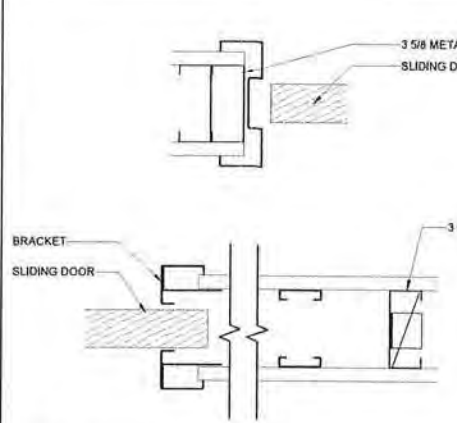
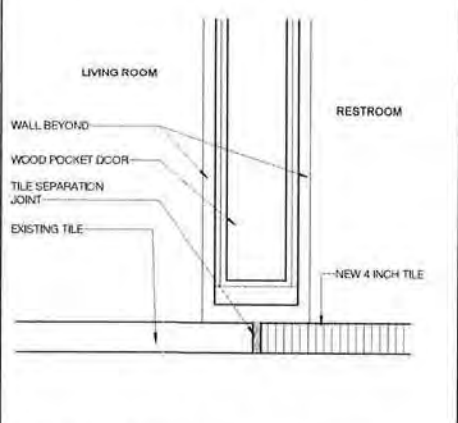
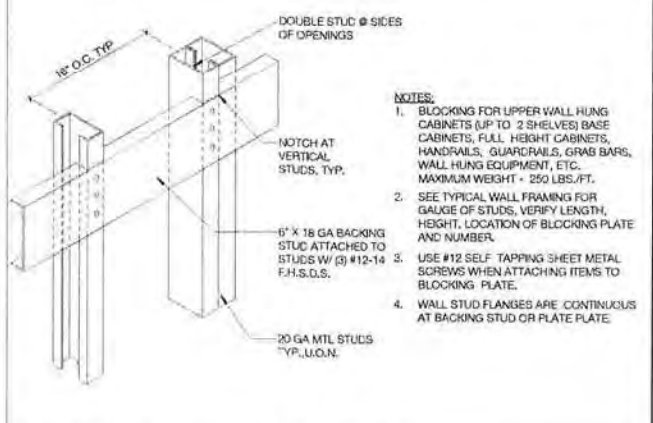
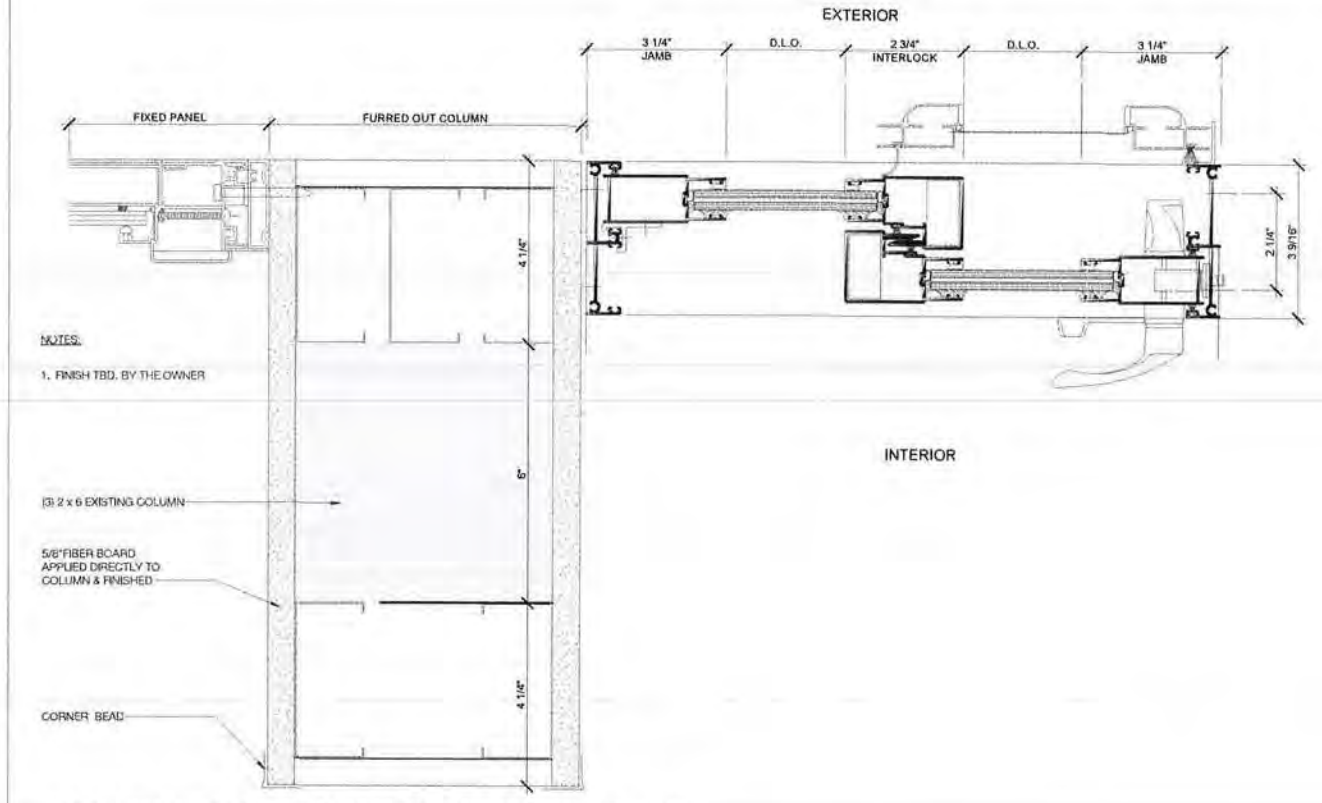
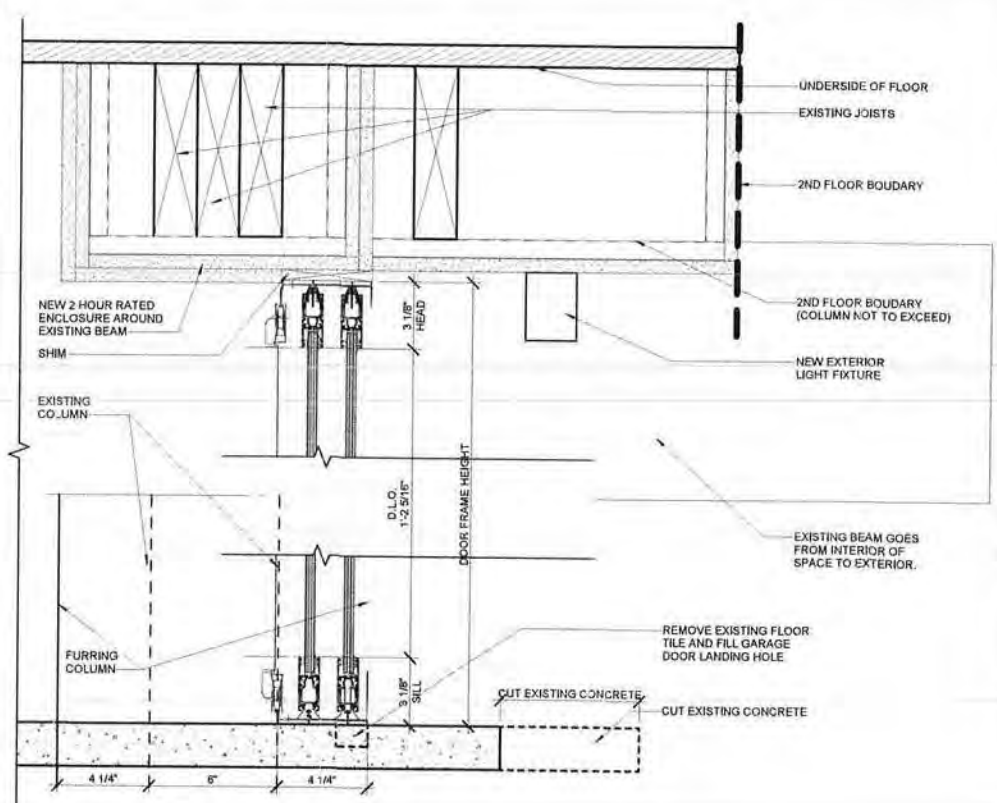
KEYPLAN



SHEET TITLE / SHEET NUMBER

DETAIL

A-501



5 SHOWER PAN DETAILS
SCALE: 1" = 1'-0"

6 STUD TO MANSORY DETAIL
SCALE: 1" = 1'-0"

8 WALL CONNECTION DETAIL 2
SCALE: 1" = 1'-0"

9 FIXED GLASS PANEL TO CMU WALL
SCALE: 3" = 1'-0"

1 COLUMN ENCLOSURE & STACKING DOOR CONNECTION
DETAIL TWO DOOR
SCALE: 5" = 1'-0"

7 GLASS SLIDING DOOR DETAIL 2
SCALE: 3" = 1'-0"



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

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

E.S. Windows, LLC
3550 NW 49th Street
Miami, FL 33142

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 "ES-5500" Aluminum Project Out Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W17-45**, titled "Series ES-5500 Project-Out Aluminum Wdw. (L.M.I.)", sheets 1 through 6 of 6, dated 04/20/17, with revision "C" dated 06/21/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Section 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 page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Sifang Zhao, P.E.**



S. Z
10/11/2018

NOA No. 17-0505.03
Expiration Date: October 11, 2023
Approval Date: October 11, 2018
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W17-45**, titled "Series ES-5500 Project-Out Aluminum Wdw. (L.M.I.)", sheets 1 through 6 of 6, dated 04/20/17, with revision "C" dated 06/21/18, 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) Drop Load Test, per CPCS 16 CFR 1201 (Cat 11)
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 7) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked-up drawings and installation diagram of a Project out aluminum window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8320**, dated 03/07/2017, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-6th Edition (2017)** dated 04/18/17 with revision dated 04/19/2018 and 06/20/2018, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. NOA No. **17-0808.02** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 12/28/17, expiring on 07/04/23.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-6th Edition (2017)**, dated June 20, 2018 issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Distribution agreement dated 08/01/18 between Energia Solar, SA, Columbia and Tecnoglass, LLC (USA), signed by MS. Carla Garcia, Int'l Sales Manager and MS. Evelyn Daes, General Manager on behalf of their respective companies.
3. Proposal issued by Product Control Section, dated 10/16/14, signed by Jaime D. Gascon, P.E.

G. OTHERS

1. None.



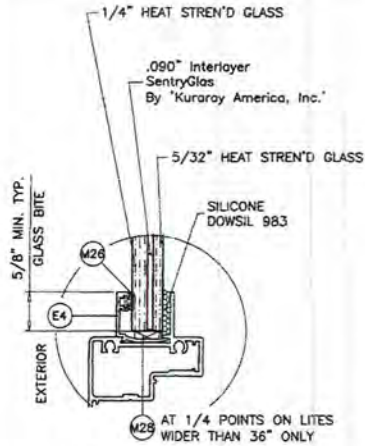
Sifang Zhao, P.E.

Product Control Examiner

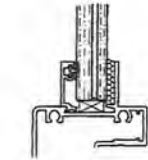
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Expiration Date: October 11, 2023

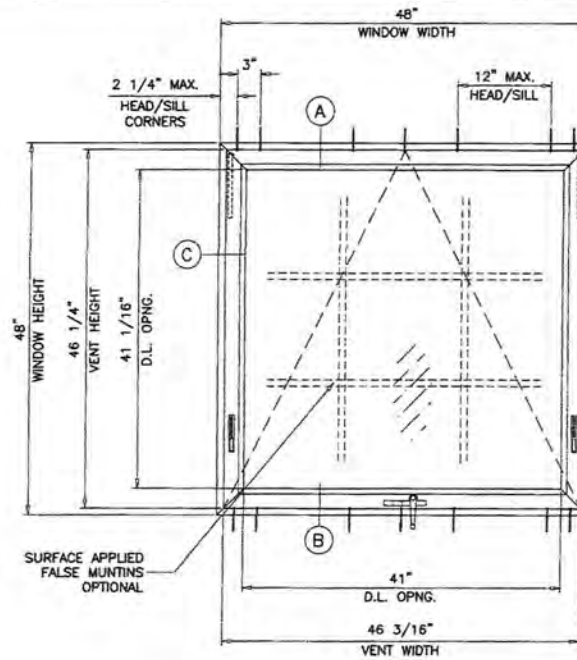
Approval Date: October 11, 2018



GLAZING DETAIL



SETTING BLOCKS AT LAM. GLASS NOTCH GLAZING BEAD LEG TO CLEAR BLOCKS



TYPICAL ELEVATION

MAXIMUM DESIGN LOAD RATING = + 100.0 PSF
(FOR SIZE SHOWN ABOVE OR SMALLER) - 125.0 PSF

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

PRODUCT COMPLIES WITH REQUIREMENTS OF ANSI Z97.1. SAFEGUARD REQUIREMENTS TO BE VERIFIED.

ES-5500

PROJECT-OUT ALUMINUM WINDOW (L.M.I.)

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF P.O./P.O. OR PROJECT OUT WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

Approved as complying with the Florida Building Code
Date 10/11/2018
NOAE 17-0505-03
Miami Dade Product Control

By



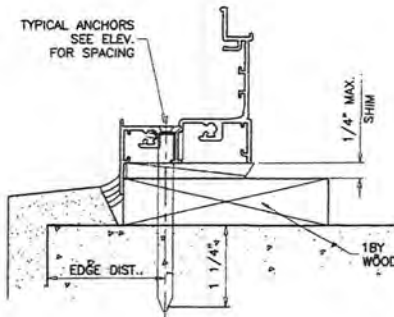
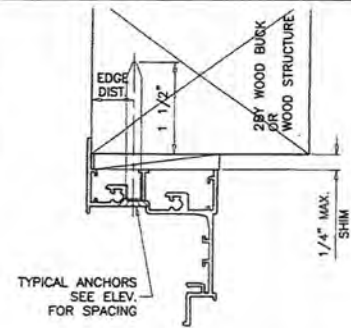
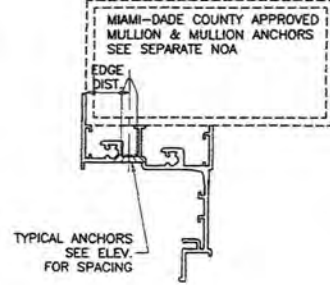
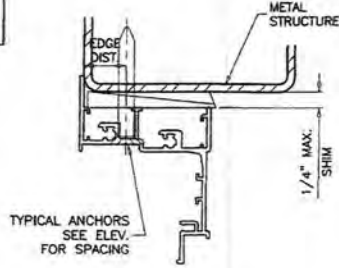
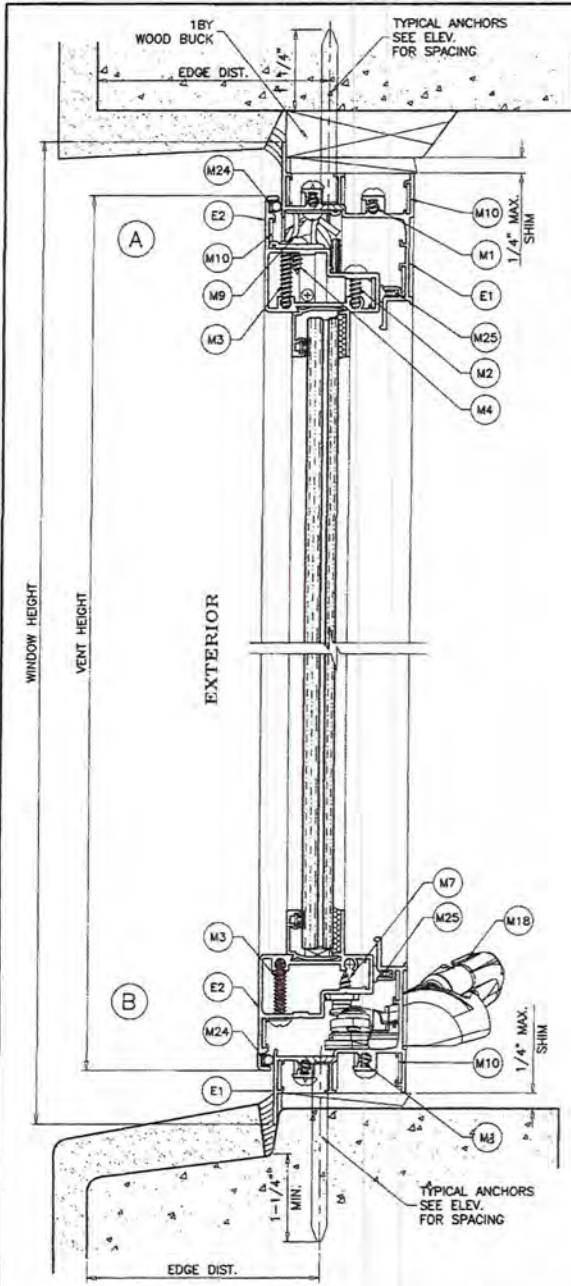
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 8538)
MIAMI, FLORIDA 33173
TEL. (305) 264-6100 FAX. (305) 262-6878
COMP-ANL W17-45ES

ES-5500 PROJECT-OUT ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-0151 FAX. (305) 638-5158

revisions:	by	description
no	date	
A	10.30.17	REV. PER PER COMMENTS
B	04.19.18	REV. PER PER COMMENTS
C	06-21-18	NO CHANGE THIS SHEET

date: 04-20-17
scale: 3/4"=1'-0"
dr. by: TARG
chk. by:

drawing no. **W17-45**
sheet 1 of 6



WOOD BUCKS AND METAL STRUCTURE NOT BY E.S. WD.W. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" DIA ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL) THRU 1BY BUCKS INTO CONCRETE 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL) DIRECTLY INTO CONCRETE 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
1/4" DIA TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS) INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR INTO METAL STRUCTURES (HEAD/SILL) (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE
 INTO CONCRETE = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 11/16" MIN.
 INTO METAL STRUCTURE = 11/16" MIN.
 WOOD AT HEAD OR SILL SG = 0.55 MIN.
 CONCRETE AT HEAD OR SILL f'c = 3000 PSI MIN.

Approved as complying with the Florida Building Code
 Date 10/18/2018
 NOA# 17-0502.03
 Miami Dade Product Control
 By *[Signature]*

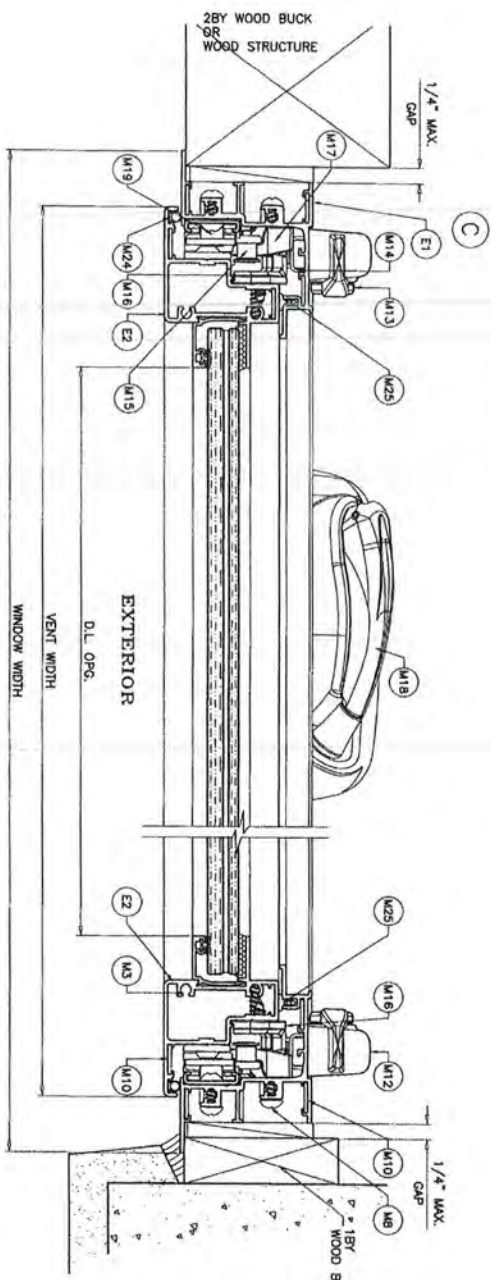
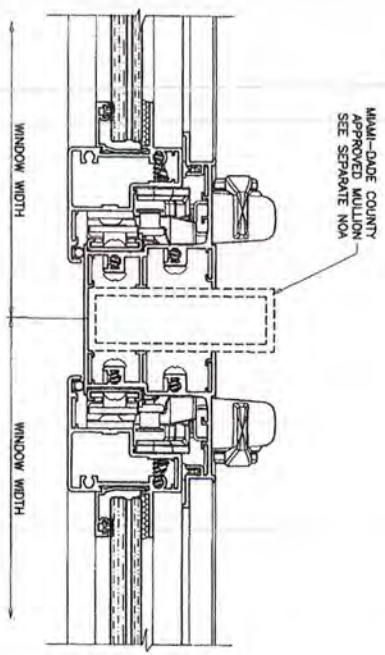


AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA, 33173
 TEL. (305) 264-8100 FAX. (305) 264-0978
 COMP-ANL W17-45CS

ES-5500 PROJECT-OUT ALUMINUM WD.W. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

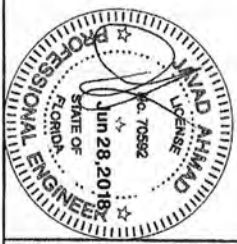
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B	04.18.18		REV. PER RER COMMENTS
C	06.21.18		NO CHANGE THIS SHEET

date: 04-20-17
 scale: 1/2" = 1"
 dr. by: TARO
 chg. by:
 drawing no. **W17-45**
 sheet 2 of 6



Approved as complying with the
Florida Building Code
Date of Issue: 03/11/2018
Miami-Dade Product Control

By:



date: 04-20-17
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W17-45

Sheet 3 of 6

revisions:			
no	date	by	description
A	10.30.17		REV. PER RER COMMENTS
B	04.19.18		REV. PER RER COMMENTS
C	06.21.18		NO CHANGE THIS SHEET

ES-5500 PROJECT-OUT ALUMINUM WDW. (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978



COMP-ANL\W17-45ES

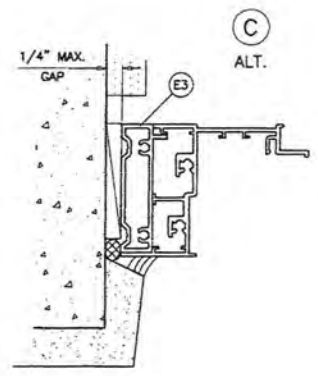
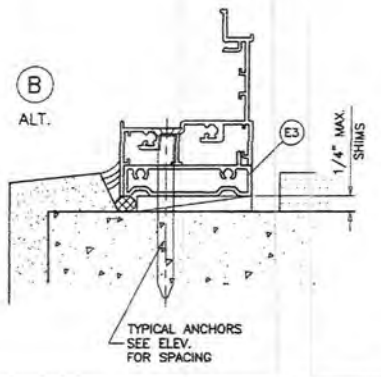
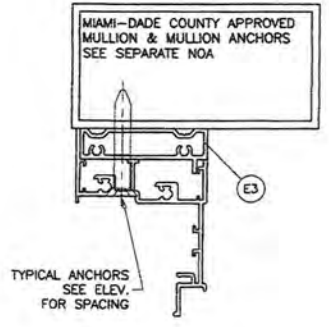
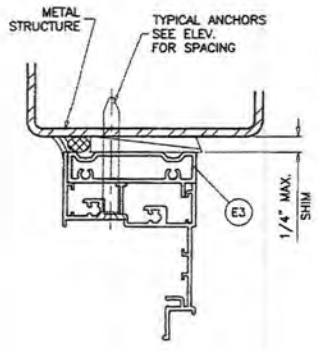
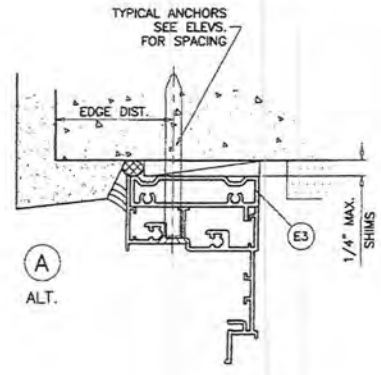
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AL-FAROQQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 53260 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3636)
 TEL (305) 264-8100 FAX (305) 262-6878
 COMP-ANI/W17-45ES

ES-5500 PROJECT-OUT ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

NO.	DATE	BY	DESCRIPTION
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B	04.10.18		REV. PER REB COMMENTS
C	08.27.18		NO CHANGE THIS SHEET

date: 01-20-17
 scale: 1/2" = 1"
 dr. by: TARGO
 chg. by:
 drawing no.
W17-45
 sheet 4 of 6



INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER

Approved as complying with the
 Florida Building Code
 Date: 10/11/2018
 NOA#: 17-0505.03
 Miami Dade Product Control
 By: *[Signature]*



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	ES-5001	4	FRAME	6063-T6	-
E2	ES-5002	4	VENT	6063-T6	-
E3	ES-5017	AS REQD.	FLUSH FRAME ADAPTER	6063-T6	-
E4	ES-1017	4	GLAZING BEAD (LAM. GLASS)	6063-T6	-
M1	#10 X 1"	2/ CORNER	FRAME ASSEMBLY SCREWS	ST. STEEL	PH SMS
M2	#10 X 1-1/4"	1/ CORNER	VENT ASSEMBLY SCREWS	ST. STEEL	PH SMS
M3	#10 X 1-1/2"	1/ CORNER	VENT ASSEMBLY SCREWS	ST. STEEL	PH SMS
M4	#8 X 1/2"	AS REQD.	SNUBBER FASTENERS	ST. STEEL	PH SMS
M4A	#10 X 1/2"	6/ HINGE	HINGE INSTALLATION SCREWS	ST. STEEL	PH SMS
M4B	#10 X 1/2"	2/ KEEPER	KEEPER INSTALLATION SCREWS	ST. STEEL	PH SMS
M5	#8 X 1/2"	-	CLAP WASHER FASTENERS	ST. STEEL	PH MS
M6	#8 X 1/2"	-	SCREEN HOLDER FASTENERS	ST. STEEL	FH SMS
M7	#8 X 1/2"	8	OPERATOR FASTENERS	ST. STEEL	FH SMS
M8	#10 X 1-1/4"	2	BAR GUIDE FASTENERS	ST. STEEL	FH SMS
M8B	#8 X 1/2"	8	PLATE FASTENERS	ST. STEEL	FH SMS
M9	WS-100 (ES-5004)	AS REQD.	SNUBBER	DIE CAST ALUM	-
M10	PJS43-SS	AS REQD.	CORNER KEY	ST. STEEL	-
M11	CL01-0475	-	MULTI POINT LOCKING HANDLE	DIE CAST ZINC	-
M12	CL02-2045	-	SNAP ON COVER	DIE CAST ZINC	-
M13	CL02-1020	-	SNAP ON HANDLE	PLASTIC	-
M14	CL01-4001	-	CLAMP WASHER	ST. STEEL	-
M15	CL02-0021	-	LOCK BAR	ST. STEEL	-
M16	CL02-2036	-	LOCK KEEPER	ACETAL	-
M17	CL02-2027	3/ JAMB	BAR GUIDE, AT 8", 12-3/4" & 20-1/4" FROM BOTTOM	ACETAL	-
M18	CO11-0605	-	COVER OPERATOR HANDLE	-	-
M19	AMC-320	2	4 BAR HINGE	ST. STEEL	AMC MANUFACTURING
M20	CO11-0651-000	-	OPERATOR SPACER	-	-
M21	CO11-2202	-	OPERATOR SPACER	-	-
M22	CO11-2322	-	OPERATOR BRACKET	-	-
M23	CO11-0451-085	-	AWNING OPERATOR	-	-
M24	E206	AS REQD.	OUTER W'STRIPPING	EPDM	DUROMETER 60±5 SHORE A
M25	ES5005	AS REQD.	INNER W'STRIPPING	EPDM	DUROMETER 60±5 SHORE A
M26	ES-5008 (27-425)	AS REQD.	GLAZING GASKET	EPDM	DUROMETER 70±5 SHORE A
M28	ES-9000-B01(80-341)	2/ LITE	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A

SEALANTS:

ALL FRAME AND VENT CORNERS AND INSTALLATION SCREWS SEALED WITH CLEAR/ALUMINUM COLORED SEALANT.

LOCKS:

SURFACE MOUNT METALLIC THREE POINT LOCK SYSTEM WITH ACTIVATING LEVER TYPE CAM LOCKS LOCATED AT 10" FROM BOTTOM AT FRAME JAMBS FASTENED WITH (2) #8-32 X 1/2" PH SMS

SURFACE MOUNT NYLON KEEPERS LOCATED AT 5", 16" AND 22-1/2" FROM BOTTOM AT VENT JAMB RAILS EACH FASTENED WITH (2) #8 X 1/2" FH SMS

HINGES:

SURFACE MOUNT METALLIC 4 BAR HINGES BY 'ADVANTAGE MFG. CORP.' LOCATED AT WINDOW FRAME UPPER CORNERS FASTENED TO FRAME WITH (3) #10 X 1/2" PH SMS FASTENED TO VENT WITH (4) #10 X 1/2" PH SMS

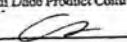
ANTI BLOW OUT CLIPS:

1-1/2" LONG ALUMINUM ANTI BLOW OUT CLIPS AT FRAME HEAD AND VENT TOP RAIL LOCATED AT 11-1/2" FROM EACH END FASTENED WITH (2) #8 X 1/2" FPH SMS

OPERATOR:

SURFACE MOUNT METALLIC ROTO OPERATOR LOCATED AT MIDSPAN OF FRAME SILL FASTENED WITH (6) #8 X 3/4" FH SMS

SURFACE MOUNT 2-3/8" LONG NYLON OPERATOR TRACK LOCATED AT MIDSPAN OF BOTTOM RAIL FASTENED WITH (2) #8 X 1/2" FH SMS

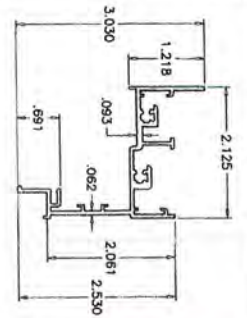
Approved as complying with the Florida Building Code
 Date: 10/17/2018
 NOA# 17-0505-03
 Miami Dade Product Control
 By: 



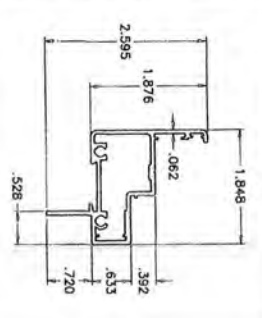
af c
AL-FAROQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33179 (C.A.N. 3636)
 TEL: (305) 284-6100 FAX: (305) 262-6978
 COMP-ANIL W17-45ES

ES-5500 PROJECT-OUT ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL: (305) 638-5151 FAX: (305) 638-5158

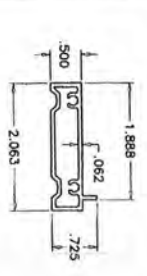
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 no. date by description
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 B 04/18/18 REV. PER REVISIONS
 C 06/21/18 REV. PER REVISIONS
 date: 04-20-17
 scale: 1/2" = 1"
 dr. by: DARG
 chk. by:
 drawing no.
W17-45
 sheet 5 of 6



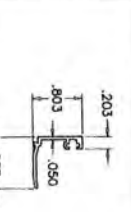
(E1) FRAME



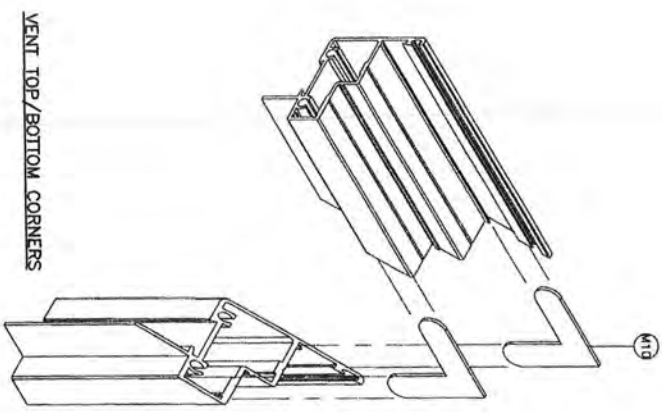
(E2) VENT



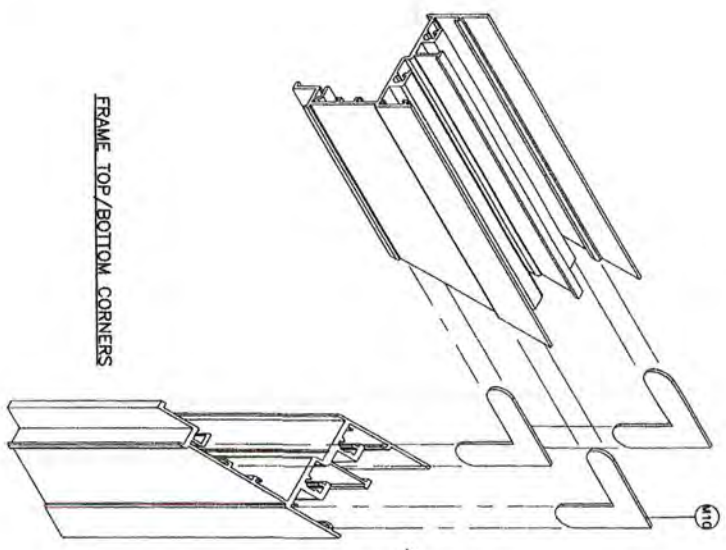
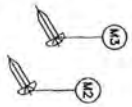
(E3) FLUSH FRAME ADAPTER



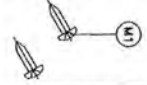
(E4) GLAZING STOP (LAM. GLASS)



VENT TOP/BOTTOM CORNERS



FRAME TOP/BOTTOM CORNERS



Approved as complying with the Florida Building Code
 Date: 10/11/2018
 NOAH 17-050503
 Miami Date Product Control



no	date	by	description
A	10.30.17		REV. PER RER COMMENTS
B	04.19.18		REV. PER RER COMMENTS
C	06.21.18		NO CHANGE THIS SHEET

date: 04-20-17
 scale: 1/2" = 1"
 dr. by: TARIQ
 chk. by:

ES-5500 PROJECT-OUT ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978



August 1, 2019

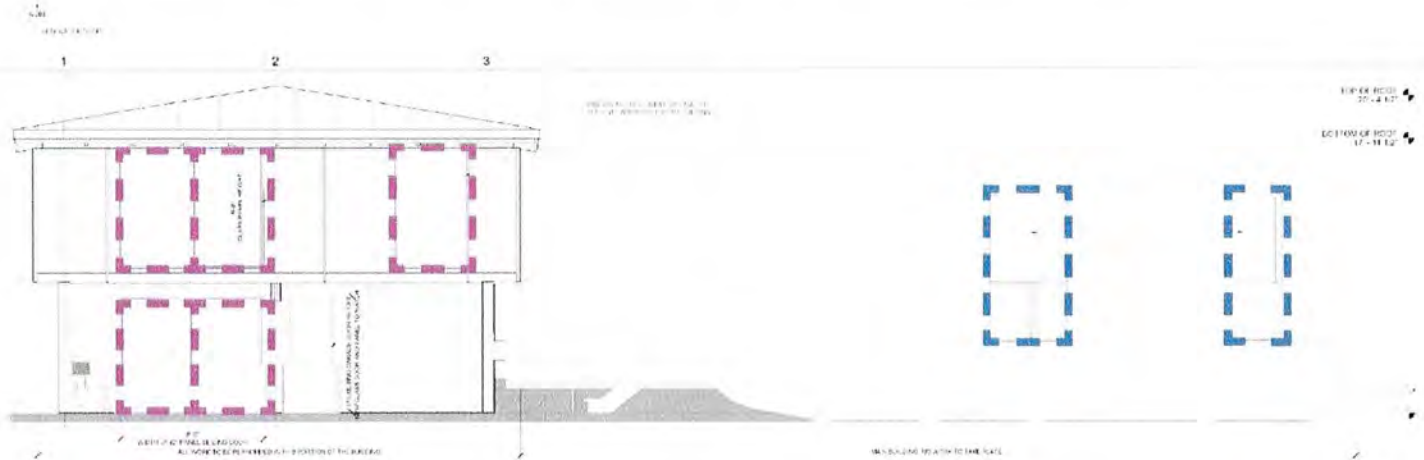
Members of the City of Fort Lauderdale
Historic Preservation Board
700 N. W. 19th Avenue
Fort Lauderdale, FL 33311

Re: **Sailboat Bend Historic District and Certificate of Appropriate
Nothard Home Architectural Narrative**

Dear Members of the Historic Preservation Board:

This letter shall provide the narratives for the Sailboat Bend Material and Design Guidelines, and the criteria for a Certificate of Appropriateness for a Renovation.

The following demonstrates the specific items to meet the requirements for Sec 47-17.7



Private Residence – Existing North West Façade (Full)– Facing Canal

glavovicstudio.com

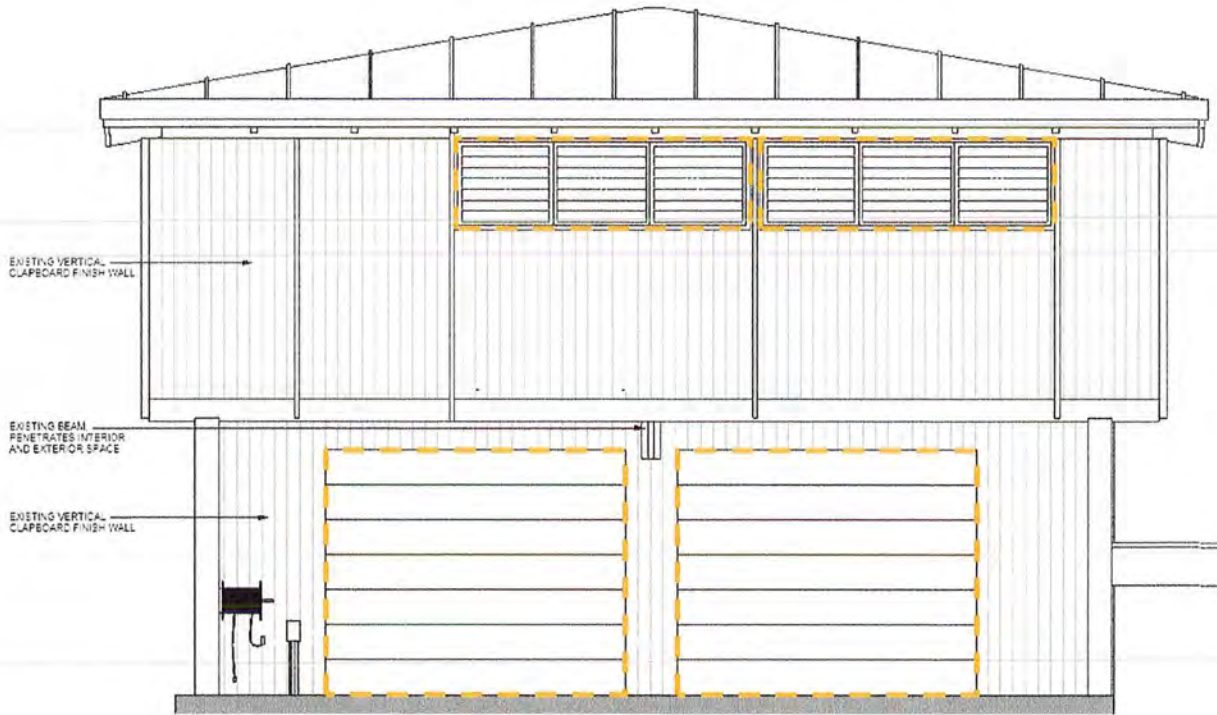
724 NE 3 Avenue

Fort Lauderdale, FL 33304

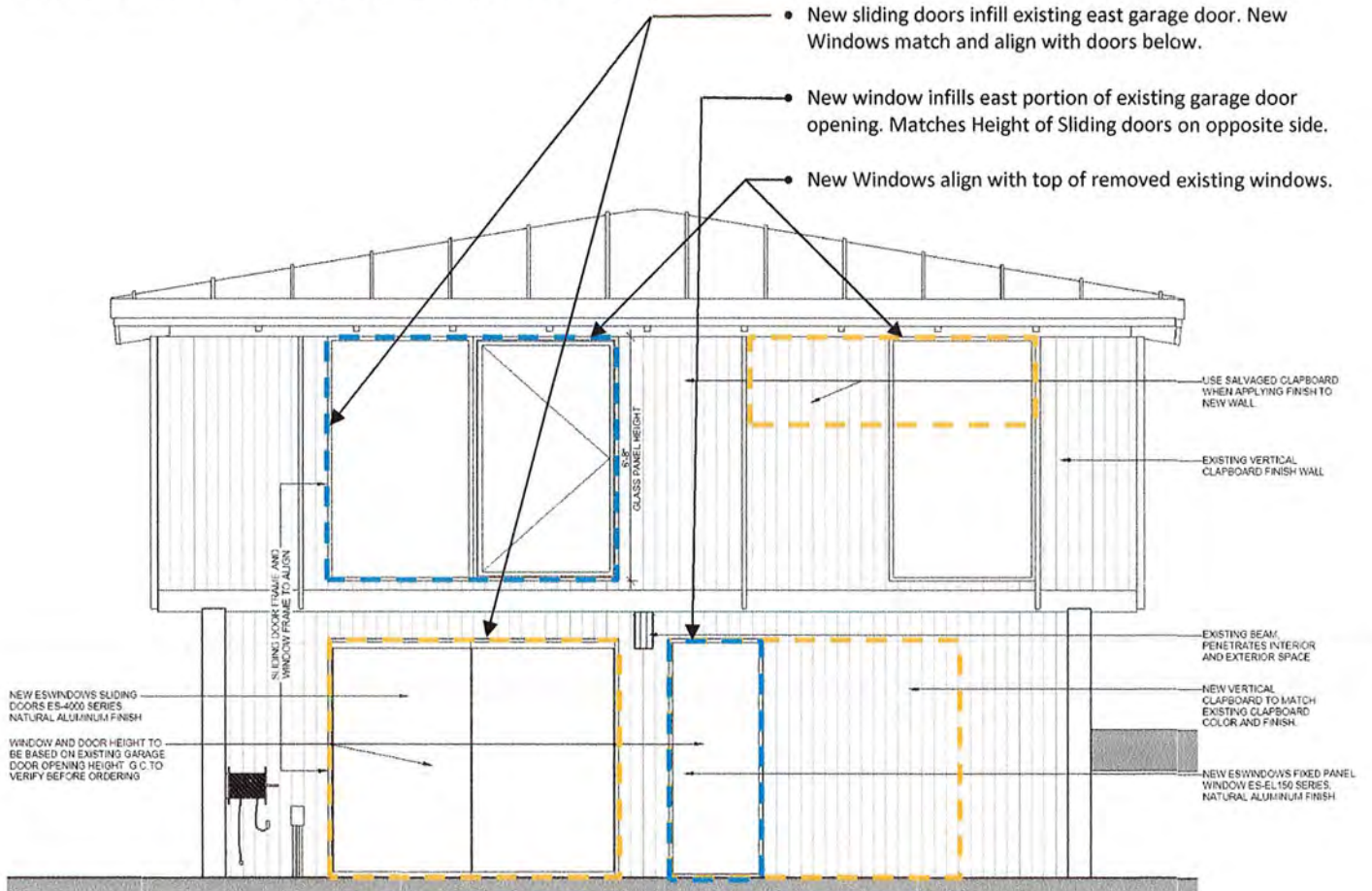
P 954 524 572B

F 954 524 5729

AA 0003643



Private Residence – Existing North West Façade – Facing Canal



Private Residence – New North West Façade – Facing Canal

SEC. 47-17.7. - MATERIAL AND DESIGN GUIDELINES

A. *Applicability.* The SBHD material and design guidelines shall be read in conjunction with the existing guidelines provided in this section and shall be utilized as additional criteria for the consideration of an application for a certificate of appropriateness for the following:

2. *Alteration.* The material and design guidelines shall be used in identifying existing features of the original structure and encourage restoration in line with these features and to encourage inclusion of historical features when compatible with the character of the original structure.

- *Below are our responses to the material and design guidelines, identifying existing features of the original structure and encourage inclusion of historical features when compatible with the character of the original structure.*

B. Materials and designs.**1. Exterior building walls.****a. Materials and finish.**

i. Stucco: float finish, smooth or coarse, machine spray, dashed or trowled.

(N/A)

ii. Wood: clapboard, three and one-half (3½) inches to seven inches to the weather; shingles, seven inches to the weather; board and batten, eight inches to 12 inches; shiplap siding smooth face, four inches to eight inches to the weather.

- *Matching shiplap (salvaged and new matching) shiplap wood siding as specified by original Architect (seen in the attached photograph to either side of the existing garage doors, and also above on the second story) is to be installed and blended along with the existing shiplap in order to create as much of a seamless transition between the two.*

iii. Masonry: coral, keystone or split face block; truncated or stacked bond block.

(N/A)

2. Windows and doors.**a. Materials.**

i. Glass (clear, stained, leaded, bevelled and non-reflective tinted).

- *Glass is non-reflective.*

ii. Translucent glass (rear and side elevations only).

- *Glass is translucent.*

iii. Painted and stained wood. *(N/A)*

iv. Aluminum and vinyl clad wood. *(N/A)*

v. Steel and aluminum.

- *The Aluminum glass doors, and the floor to ceiling fixed glass panel we propose, are the same in material and look as the aluminum glass sliding door specified by the original Architect in the Living Area of the House (reference Sheet A-204).*
- *One fixed pane window that matches the doors (there is a central beam that supports the second floor that extends below the door height and prohibits the use of sliding doors across the whole opening).*
- *On the upstairs portion of that same façade, we propose to expand the existing small bathroom windows to allow for a better outlook over the water from the bedrooms. The same aluminum and*

glass window style that is being used to replace the garage doors has been specified. All doors and windows are far more energy efficient and are Hurricane rated.

- vi. Glass block. (N/A)
- vii. Flat skylights in sloped roofs. (N/A)
- viii. Domed skylights on flat roofs behind parapets. (N/A)

b. Configurations.

- i. Doors: garage nine feet maximum width. (N/A)
- ii. Windows: square; rectangular; circular; semi-circular; semi-ellipse; octagonal; diamond; triangular; lited only to gable ends.

- Windows are rectangular

c. Operations.

- i. Windows: single and double hung; casement; fixed with frame; awning; sliders (rear and side only); jalousies and louvers.

- (3) Windows are fixed windows and (1) is a casement window (rear side only).

d. General. (SECTION N/A)

- i. Wood shutters sized to match openings (preferably operable).
- ii. Wood and metal jalousies.
- iii. Interior security grills.
- iv. Awnings.
- v. Bahama shutters.
- vi. Screened windows and doors.

3. Roofs and gutters. (SECTION N/A)

a. Roof—materials.

- i. Terra cotta.
- ii. Cement tiles.
- iii. Cedar shingles.
- iv. Steel standing seam.
- v. 5-V crimp.
- vi. Galvanized metal or copper shingles (Victorian or diamond pattern).
- vii. Fiberglass/asphalt shingles.
- viii. Built up roof behind parapets.

b. Gutters.

- i. Exposed half-round.
- ii. Copper.
- iii. ESP aluminum.
- iv. Galvanized steel.
- v. Wood lined with metal.

c. Configurations.

- i. Roof: The pitch of new roofs may be matched to the pitch of the roof of existing structures on the lot. Simple gable and hip, pitch no less than 3:12 and no more than 8:12. Shed roofs attached to a higher wall, pitch no less than 3:12. Tower roofs may be any slope. Rafters in overhangs to be exposed. Flat with railings and parapets, where permitted, solar collectors and turbine fans at rear port.
4. **Outbuildings.** (SECTION N/A)
- a. *Materials and finish.*
 - i. Stucco: float finish, smooth or coarse, machine spray, dashed or trowled.
 - ii. Wood: clapboard, three and one-half (3½) inches to seven inches to the weather; shingles, seven inches to the weather; board and batten, eight inches to 12 inches; shiplap siding smooth face, four inches to eight inches to the weather.
 - iii. Masonry: coral, keystone or split face block; truncated or stacked bond block.
5. **Garden walls and fences.** (SECTION N/A)
- a. *Materials and style.*
 - i. Stucco: float finish, smooth or coarse, machine spray, dashed or trowled.
 - ii. Wood: picket, lattice, vertical wood board.
 - iii. Masonry: coral, keystone or split face block; truncated or stacked bond block.
 - iv. Metal: wrought iron, ESP aluminum, green vinyl coated chain link.
 - b. *Configurations.*
 - i. Front: spacing between pickets maximum six inches clear.
6. **Arcades and porches.** (SECTION N/A)
- a. *Materials and finish.*
 - i. Stucco (at piers and arches only): float finish, smooth or coarse, machine spray, dashed or trowled.
 - ii. Wood: posts and columns.
 - iii. Masonry (at piers and arches only): coral, keystone or split face block; truncated or stacked bond block.
 - iv. Metal (at railings only): wrought iron, ESP aluminum.

SEC. 47-24 - DEVELOPMENT PERMITS AND PROCEDURES**Sec. 47-24.11.C****C. Certificate of appropriateness.****1. When permit is required.**

- a. No person may undertake any of the following actions affecting a designated landmark, a designated landmark site, or a property in a designated historic district without first obtaining a certificate of appropriateness from the historic preservation board:
 - i. Alteration of an archeological site, or (N/A)
 - ii. New construction, or (N/A)
 - iii. Demolition, or (N/A)
 - iv. Relocation. (N/A)
 - v. Alteration of the exterior part of a building or a structure or designated interior or portion thereof of a building or structure; however, ordinary repairs and maintenance that are otherwise permitted by law may be undertaken without a certificate of appropriateness, provided this work on a designated landmark, a designated landmark site, or a property in a

designated historic district does not alter the exterior appearance of the building, structure or archeological site, or alter elements significant to its architectural or historic integrity.

- *Proposing an alteration to a home of a portion the exterior of a building in a designated historic district. This alteration is compatible with the original architect's design intent and does not alter elements significant to its architectural or historic integrity. We intend to use material and style that match with the style of the original Architect.*

vi. When located within a designated historic district, uses of land such as those including but not limited to, furniture placed outdoors, pushcarts, mobile or non-mobile vending machines and trolley cars placed on private property.

b. Whenever any alteration, new construction, demolition or relocation is undertaken on a property in a designated historic district without a certificate of appropriateness, the building official shall issue a stop work order.

- *Acknowledged*

c. Review of new construction and alterations to designated buildings and structures shall be limited to exterior features of the structure, except for designated interior portions. Whenever any alteration, new construction, demolition or relocation is undertaken on a designated landmark, a designated landmark site, or buildings or structures within a district without a certificate of appropriateness, the building director shall issue a stop work order.

- *Not applicable*

d. A certificate of appropriateness shall be a prerequisite and in addition to any other permits required by law. The issuance of a certificate of appropriateness by the board shall not relieve the property owner of the duty to comply with other state and local laws and regulations.

- *Acknowledged*

Sec. 47-24.11.C.3

3. *Alterations, new construction or relocation.*

a. *Application for alterations, new construction or relocation.* An application for a certificate of appropriateness for alterations, new construction or relocation shall be made to the department and shall include the following information, in addition to the general application requirements described in [Sec. 47-24.1](#):

i. Drawings or plans or specifications of sufficient detail to show the proposed exterior alterations, additions, changes or new construction as are reasonably required for decisions to be made by the historic preservation board and the department. Such drawing plans or specifications shall include exterior elevations, architectural design of buildings and structures, including proposed materials, textures and colors, including all improvements such as walls, walks, terraces, plantings, accessory buildings, signs and lights and other appurtenant elements.

- *Refer to attached drawing submission set.*

CERTIFICATE OF APPROPRIATENESS: ALTERATION***Response to Sec. 47-24.11.C.3.c.***

ii. Additional guidelines; alterations. In approving or denying applications for certificates of appropriateness for alterations, the board shall also consider whether and the extent to which the following additional guidelines, which are based on the United States Secretary of the Interior's Standards for Rehabilitation, will be met:

- a) Every reasonable effort shall be made to provide a compatible use for a property that requires minimal alteration of the building, structure, or site and its environment, or to use a property for its originally intended purpose;
 - *Every reasonable effort has been made to provide minimal alteration of the building. No change to the use of the site or building has been proposed.*

- b) The distinguishing original qualities or character of a building, structure, or site and its environment shall not be destroyed. The removal or alteration of any historic material or distinctive architectural features should be avoided when possible;
 - *Acknowledged*

- c) All buildings, structures, and sites shall be recognized as products of their own time. Alterations which have no historical basis and which seek to create an earlier appearance shall be discouraged;
 - *Acknowledged*

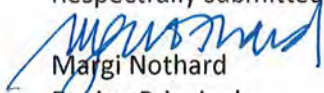
- d) Changes which may have taken place in the course of time are evidence of the history and development of a building, structure, or site and its environment. These changes may have acquired significance in their own right, and this significance shall be recognized and respected;
 - *Acknowledged*

- e) Distinctive stylistic features or examples of skilled craftsmanship which characterize a building, structure, or site, shall be treated with sensitivity;
 - *Distinctive stylistic features of the structure have been carefully studied and kept. The Aluminum glass doors, and the floor to ceiling fixed glass panel we propose, are the same in material and look as the aluminum glass sliding door specified by the original Architect in the Living Area of the House (reference Sheet A-204).*

- f) Deteriorated architectural features shall be repaired rather than replaced, wherever possible. In the event replacement is necessary, the new material should match the material being replaced in composition, design, color, texture, and other visual qualities. Repair or replacement of missing architectural features should be based on accurate duplications of features, substantiated by historical, physical, or pictorial evidence, rather than on conjectural designs or the availability or different architectural elements from other buildings or structures;
 - *Matching shiplap (salvaged and new matching) shiplap wood siding as specified by original Architect (seen in the attached photograph to either side of the existing garage doors, and also above on the second story) is to be installed and blended along with the existing shiplap in order to create as much of a seamless transition between the two.*

- g) The surface cleaning of structures shall be undertaken with the gentlest means possible. Sandblasting and other cleaning methods that will damage the historic building materials shall not be undertaken; and
- *Acknowledged. Cleaning will be undertaken using the gentlest means possible*
- h) Every reasonable effort shall be made to protect and preserve archeological resources affected by, or adjacent to, any acquisition, protection, stabilization, preservation, rehabilitation, restoration, or reconstruction project.
- *Acknowledged*

Respectfully submitted,



Margi Nothard

Design Principal

President

Glavovic Studio Inc.



SUSTAINABLE DEVELOPMENT – URBAN DESIGN & PLANNING

HISTORIC PRESERVATION BOARD (HPB) SAILBOAT BEND HISTORIC DISTRICT CERTIFICATE OF APPROPRIATENESS APPLICATION

Rev: 1 | Revision Date: 2/23/2017 | Print Date: 2/23/2017
I.D. Number: SBHDCOAA

HISTORIC PRESERVATION BOARD (HPB)

SAILBOAT BEND HISTORIC DISTRICT Certificate of Appropriateness Application

- Cover: Deadline & Fees
- Page 1: Applicant Information Sheet
- Page 2: Technical Specifications of Application
- Page 3: Technical Specifications of Application - continued
- Page 4: Submittal Checklist

DEADLINE: Submittals must be received by 4:00 PM by submittal deadline (see website for dates). Pursuant to Section 47-24.1(1), the Department will review all applications to determine completeness within five (5) business days. Applicants will be notified via email, if plans do not meet the submittal requirements and if changes are required.

FEES: All applications for a development permit shall have an application fee as established by the City Commission as set forth by resolution, as amended from time to time. In addition to the application fee, any additional costs incurred by the City including review by a consultant on behalf of the City or special advertising costs shall be paid by the applicant. Any additional costs, which are unknown at the time of application but are later incurred by the City, shall be paid by the applicant prior to the issuance of a development permit.

Certificate of Appropriateness for:

<input checked="" type="checkbox"/> Minor Alteration/Review & Comment	\$ 230.00
<input type="checkbox"/> Major Alteration/Addition to Existing	\$ 310.00
<input type="checkbox"/> New Construction ≤ 2000 SF GFA	\$ 310.00
<input type="checkbox"/> New Construction > 2000 SF GFA	\$ 560.00
<input type="checkbox"/> Demolition – Accessory	\$ 230.00
<input type="checkbox"/> Demolition – Primary	\$ 560.00
<input type="checkbox"/> Relocation	\$ 490.00

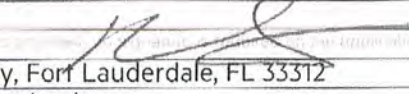
Page 1: HPB - Applicant Information Sheet

INSTRUCTIONS: Please print or type all information. The application must be filled out accurately and completely. Answer all questions. Do not leave an item blank. If an item does not apply, write N/A (Not Applicable). The following information requested is per Unified Land Development Regulations (ULDR). Incomplete applications will not be accepted.

NOTE: To be filled out by Department

Case Number	
Date of complete submittal	
Zoning Review	
Landscape Review	

NOTE: For purpose of identification, the **PROPERTY OWNER** is the **APPLICANT**

Property Owner's Name	Kim Nothard
Property Owner's Signature	
Address, City, State, Zip	215 SW 14th Way, Fort Lauderdale, FL 33312
E-mail Address	nothard@comcast.net
Phone Number	954-600 9750
Proof of Ownership	<input type="checkbox"/> Warranty Deed or <input checked="" type="checkbox"/> Tax Record

NOTE: If **AGENT** is to represent **OWNER**, notarized letter of consent is required

Applicant / Agent's Name	N/A
Applicant / Agent's Signature	
Address, City, State, Zip	
E-mail Address	
Phone Number	
Letter of Consent Submitted	

Development / Project Name	Nothard Residence
Development / Project Address	Existing: 215 SW 14th Way New: N/A
Legal Description	River Highlands 10-3 B Lots 1, 2 BLK 2 & together with W1/2 of VAC POR of SW 14th Way Lying E & Adj to said lots
Tax ID Folio Numbers (For all parcels in development)	5042 09 17 0020
Request / Description of Project	Convert Garage to livable area. Remove garage Doors, close portion of opening and replace with sliding glass doors.
Applicable ULDR Sections	Section 47-24.11.C. and Section 47-17.7.B
Total Estimated Cost of Project	\$ 20,000.00 (including land costs)

Future Land Use Designation	Low Medium 8
Current Zoning Designation	RS 8
Current Use of Property	Single Family Home
Residential SF (and Type)	2,277sf (Single Family Home)
Number of Residential Units	1
Non-Residential SF (and Type)	None (N/A)
Total Bldg. SF (include structured parking)	2,277 sf
Site Adjacent to Waterway	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Dimensional Requirements	Required	Proposed
Lot Size (SF / Acreage)	16,481 sf	16,481 sf
Lot Density	1	1
Lot Width	100 ft	100 ft
Building Height (Feet / Levels)	23ft/2	23 ft/2
Structure Length	78 ft	78 ft
Floor Area Ratio	13.81%	13.81%
Lot Coverage	2,628 sf	2,628 sf
Open Space	13,853 sf	13,853 sf
Landscape Area	13,853	13,853
Parking Spaces	2	2

NOTE: State north, south, east or west for each yard

Setbacks/Yards*	Required	Proposed
Front []	25 Feet	50.33 ft
Side []	5 Feet	15.75 ft
Side []	25 feet (abutting waterway)	40.79 ft
Rear []	25 feet	34.5 ft

Page 2: Technical Specifications of Application

TECHNICAL SPECIFICATIONS:

Applicant must provide a narrative indicating that the following criteria has been satisfied: See Attached

Description of the Project

1. **Yards.** Is a Yard Reduction or Minimum Distance Separation Required? Yes No
(If Yes, please complete the remainder of this section)
- Front of Building Faces: North South East West Other
 - Principal Structure Yard Setbacks (Feet): Front _____ Rear _____ Left Side _____ Right Side _____
Street Side? N/A Left Right
 - Accessory Structure #1 Yard Setbacks (Feet): Front _____ Rear _____ Left Side _____ Right Side _____
Street Side? N/A Left Right
 - Accessory Structure #2 Yard Setbacks (Feet): Front _____ Rear _____ Left Side _____ Right Side _____
Street Side? N/A Left Right
 - Distance Between Structures (Feet): Principal Structure and Accessory Structure #1: _____
Principal Structure and Accessory Structure #2: _____
2. **Alterations to Non-Conforming Structures?** Yes No
- Nature of Non-Conformity: Yard Setbacks Alterations exceed 50% of Value of Structure
 Existing Use NOT permitted under current zoning and alterations exceed 50% of value of structure
3. **Material and Design Guidelines.** Shown below are the Sailboat Bend Historic District Material and Design Guidelines. If you choose to use a material or design not listed in the guidelines, check the "Other" box and be prepared to present to the Historic Preservation Board your justification for proposing a material or design which does not conform to the guidelines.
- a) Exterior Building Walls N/A
- 1) Stucco
Finish Float, Smooth; Coarse; Machine Spray; Dashed; Trowelled; Other* _____
 - 2) Wood
Finish: Clapboard, 3 1/2"-7" to the weather, Shingles, 7" to the weather
 Board and Batten, 8"-12" to the weather, Shiplap Siding Smooth Face 4"-8" to the weather,
 Other* _____
 - 3) Masonry
Finish Coral, Keystone; Split Face Block; Truncated Block; Stack Bond Block; Other* _____
- b) Windows and Doors N/A
- 1) Glass Block
 - 2) Glass Clear Stained, Leaded; Beveled; Non-Reflective-Tinted; Other* _____
 - 3) Translucent Glass, Side Elevation, Rear Elevation, Other* _____
 - 4) Skylights: Flat Skylights in Sloped Roofs; Domed Skylights in Flat Roofs Behind Parapet Other* _____
 - 5) Window Frame Materials: Wood-Painted or Stained, Wood-Vinyl Clad; Wood-Aluminum Clad
 Steel, Aluminum; Other* _____
- c) Configurations N/A
- 1) Garage Doors - 9' Maximum Width; Other* _____
 - 2) Windows (check all applicable) Square; Rectangular; Circular; Semi-Circular; Semi-Ellipse;
 Octagonal; Diamond; Triangular-Gables End Only; Other* _____
- d) Window Operations N/A
- Single Hung; Double Hung; Casement; Fixed with Frame; Awning
 Sliders-Side and Rear Only; Jalousie; Louvers; Other* _____
- e) General N/A
- Operable Shutters Sized to Match Openings, Non-Operable Shutters*
 Jalousies Wood, Metal
 Awnings Wood, Canvas, Other* _____
 Interior Security Grilles
 Bahama Shutters Wood; Other* _____
 Screened Windows; Screened Doors; Other* _____

Page 3: Technical Specifications of Application – continued

- f) Roofs and Gutters (X) N/A
- 1) Roofs Materials: () Terra-Cotta; () Cement Tiles; () Cedar Shakes; () Steel Standing Seam; () 5-V Crimp
 () Galvanized Metal Shingles; () Fiberglass/Asphalt Shingles; () Copper Shingles;
 () Built-Up Roof behind Parapets; () Victorian Pattern; () Diamond Pattern
 () Other* _____
- 2) Gutters: () Exposed Half-Round; () Copper; () ESP Aluminum; Galvanized Steel; () Wood-Lined with Metal
 () Other* _____
- 1) Roof Configuration: Type - () Simple Gable; () Hip
 Pitch - () No less than 3.12 and no more than 8.12 (< 3.12 or > 8.12 requires DRC approval)
 () Shed Roof attached to a higher wall (Any pitch less than 3.12 requires HPB approval)
 () Tower Roof (Any slope is allowed)
 () Flat with Parapet; () Flat with Railings; Other* _____
 () Rafter s in Overhangs to be Exposed; Other* _____
 () Solar Collectors or Turbine Fans (Rear Part of Roof)

- g) Outbuildings (X) N/A
- () Outbuilding rider attached

- h) Garden Walls and Fences (X) N/A
- 1) Materials/Style: () Stucco Finish () Float () Smooth; () Coarse; () Machine Spray;
 () Dashed or Trowelled;
 () Other* _____
 () Wood () Picket; () Lattice; () Vertical Wood Board
 () Other* _____
 () Masonry () Coral; () Keystone; () Split Face Block;
 () Truncated Block; () Stacked Bond Block;
 () Other* _____
 () Metal () Wrought Iron; () ESP Aluminum;
 () Chainlink (Green Vinyl Coated);
 () Other* _____
- 2) Configurations: () Front Yards spacing between pickets maximum 6" clear

- i) Arcades and Porches (X) N/A
- Materials/Style: () Stucco Finish (At Piers and Arches only) () Float; () Smooth () Coarse;
 () Dashed; () Trowelled; () Machine Spray;
 () Other* _____
 () Wood (Posts and Columns)
 () Masonry (At Piers and Arches only) () Coral; () Keystone; () Split Face Block;
 () Truncated Block; () Stacked Bond Block;
 () Other* _____
 () Metal (At Railings only) () Wrought Iron; () ESP Aluminum;
 () Other* _____

Page 4: Submittal Checklist

SUBMITTAL CHECKLIST:

Applicant shall provide to the Planning and Zoning counter a complete application, one (1) full set of plans, and any additional requirements, as specified below. Within five (5) days of receipt, Urban Design & Development staff shall review the application to determine its completeness and compliance with the ULDR.

For those applications that can be approved administratively (See Sec. 47-17.4), once the application is deemed complete the applicant shall submit seven (7) additional sets of plans/applications/photos with additional requirements as listed below. For cases that require a hearing before the Historic Preservation Board, the applicant will be required to submit one (1) original and fifteen (15) additional sets of plans/applications/photos with any additional requirements.

FOR ALL APPLICATIONS:

- Complete application. No items are to be left blank. If it does not apply, indicate with 'n/a'.
- Provide Proof of Ownership
- Property owners signature and/or agent letter signed by the property owner
- 1 sealed survey
- 1 vicinity map (typically on the survey)
- 1 zoning and land use map of lands within a 700' radius

NEW CONSTRUCTION & ALTERATION:

- Photos of that part of the building that will be modified (e.g., if front elevation is to be modified, supply a photo of the front and label it with the direction it faces [i.e. FRONT – NORTH]).
- 1 set of sealed drawings that include the site plan, building elevations and floor plan. All drawings must be drawn to scale. Scale cannot exceed 1" = 30'. In addition, drawings shall include the following: proposed exterior alterations, additions, changes, architectural design of buildings/structures, including proposed materials, textures and colors, including walls, walks, terraces, plantings, accessory buildings, signs and lights.
- 1 landscape plan for any multi family or non-residential development.
- 1 set of Product Approvals, Manufacturers' Specifications, or brochures for all building features to be modified (see page 2 of the application). For example, windows, doors, roofs, fences, siding, garages, carports, etc...

FOR NEW CONSTRUCTION ONLY:

- Photos or elevation drawings of buildings adjacent to the subject site.

DEMOLITION:

- Demolition Rider completely filled out, signed and dated.
- A site plan showing the proposed demolition.
- Photos of all sides of structure to be demolished and label the direction each side faces.
- Mail requirements: The applicant must submit a tax map, property owners list, stamped, addressed standard envelopes. The mail affidavit must be signed.
- Sign posting requirements. The applicant must post signs and return the signed affidavit prior to the meeting.

RELOCATION:

- A site plan showing the property as it currently exists and a proposed site plan of how the property will look once the building is relocated.
- Narrative describing what the plans are for the site to be vacated, whether the building or structure can be moved without sufficient damage to its physical integrity, and the compatibility of the building or structure to its proposed site and adjacent properties.
- Photos of all sides of structure to be relocated and label the direction each side faces. If structure is to be relocated to another site, photos of that site as well.

HISTORIC DESIGNATION:

- Application (page 1 and 2) must be COMPLETELY FILLED OUT (all blanks filled-in or marked N/A). Proof of ownership if owner is applicant. If applicant is not property owner, this shall be noted on the application).
- Legal description of the landmark site, historic building or district written out.
- Photographs of subject building from all four sides and label the direction each side faces.
- Narrative describing (1) the architectural, historical, or archaeological significance of the proposed landmark, landmark site, (2) date of construction of the structures on the property, (3) names of current and past owners and, if possible, their dates of ownership.

I acknowledge that the Required Documentation and Technical Specifications of the application are met:

Print Name _____

PE / AIA Seal _____

Signature _____

Date _____

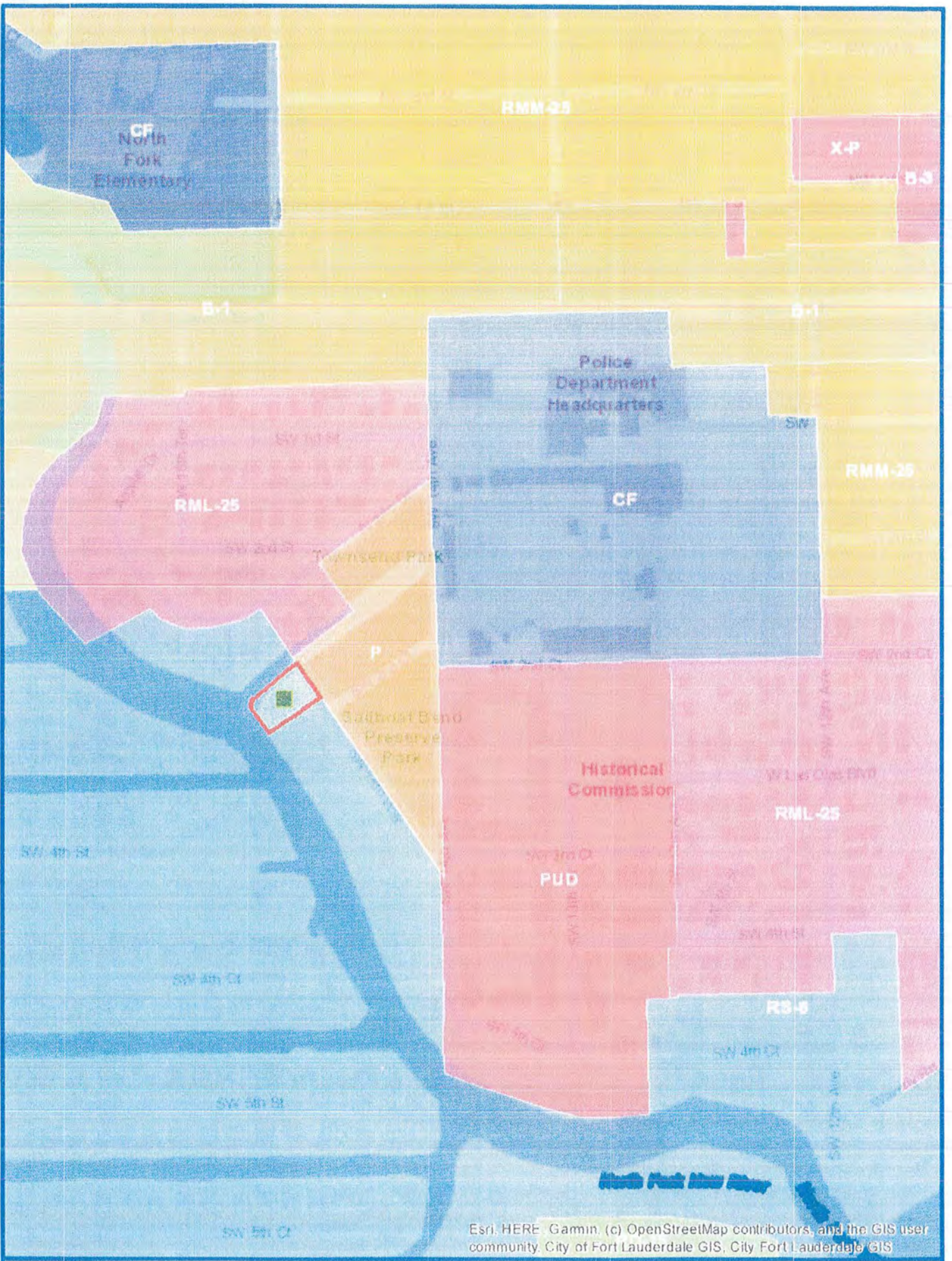
For Design & Development staff use only:

Date _____

Received By _____

Tech. Specs
Reviewed By _____

Case No. _____



Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, City of Fort Lauderdale GIS, City Fort Lauderdale GIS



Zoning GIS Map





ALUMINUM AND
GLASS SLIDING
DOOR IN
LIVING AREA.



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

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

www.miamidade.gov/economy

ES Windows, LLC
3550 NW 49th Street
Miami, FL 33142

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 "EL-150" Aluminum Single Fixed Windows – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W16-70 Rev B**, titled "ES-EL150 Fixed Aluminum Wdw. (L.M.I)", sheets 1 through 9 of 9, dated 11/13/16 and last revised on DEC 07, 2017, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision 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.

Limitations:

1. See design Pressure VS window sizes and glass types in charts in sheet **3**. See glazing types in sheet 2.
2. See sheet 5 for optional mulled side by side installation (Approved impact mullion, under separate approval), when the windows are mulled, lower Design Pressure may control for entire assembly. AHJ to review such installation for tributary end load and required anchors.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, BARRANQUILLA, COLOMBIA S.A., 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 **revises** NOA # **16-0617.05**, 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 **Ishaq I. Chanda, P. E.**

NOA No. 17-1218.12
Expiration Date: May 18, 2022
Approval Date: February 08, 2018
Page 1



1/26/18

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W16-70**, titled "ES-EL150 Fixed Aluminum Wdw. (L.M.I)", sheets 1 through 9 of 9, dated 11/13/16, with revision A dated 05/12/17, 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
along with marked-up drawings and installation diagram of aluminum fixed window, prepared by Blackwater Testing, Inc., Test Report No. **BT-ESW-16-004**, dated 11/14/2016, and revised on 05/10/2017, both signed and sealed by Constantin Bortes, P.E.
2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of aluminum fixed window, prepared by Blackwater Testing, Inc., Test Report No. **BT-ESW-17-012**, dated 05/10/2017, signed and sealed by Constantin Bortes, P.E.

C. CALCULATIONS

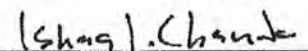
1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, dated 11/16/2016 and revised on 12/21/2016, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **16-1117.01** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear, and Color PVB Glass Interlayer**" dated 01/19/17, expiring on 07/08/19.
2. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 06/25/15, expiring on 07/04/18.
3. Notice of Acceptance No. **14-0423.15** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 06/19/14, expiring on 11/11/18.
4. Notice of Acceptance No. **14-0423.16** issued to **Eastman Chemical Company (MA)** for their "**Saflex HP Clear or Color Glass Interlayers**" dated 06/19/14, expiring on 04/14/18.



Ishaq I. Chanda, P. E.

Product Control Examiner

NOA No. 17-1218.12

Expiration Date: May 18, 2022

Approval Date: February 08, 2018

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 5th Edition (2014)**, and of no financial interest, dated 11/16/2016, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHERS

1. Distributor Agreement, dated 02/21/17, signed by Carlos Garcia (CI Energia Solar SA) and by Evelyn Daes (ES Windows).
2. Statement letter of no financial interest, dated 11/22/2016, prepared by Blackwater Testing, Inc., signed by Dennis Duffy.
3. Test proposal # 16-1476, approved by RER, dated 12/16/2016.

2. New Evidence submitted.

A. DRAWINGS

1. Drawing No. **W16-70 Rev B**, titled "ES-EL150 Fixed Aluminum Wdw. (L.M.I)", sheets 1 through 9 of 9, dated 11/13/16 and last revised on DEC 07, 2017, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

Note: This revision consist of editorial changes of FBC 17 (6th Edition) code compliance.

B. Test

1. None.

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to FBC 2017 (6th Edition), dated 11/08/17, prepared prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA revises # 16-0617.05, expiring 05/18/22.

Ishaq I. Chanda

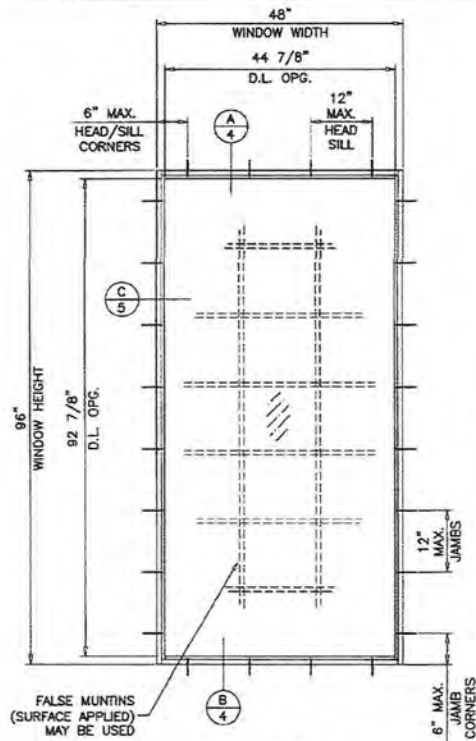
Ishaq I. Chanda, P. E.

Product Control Examiner

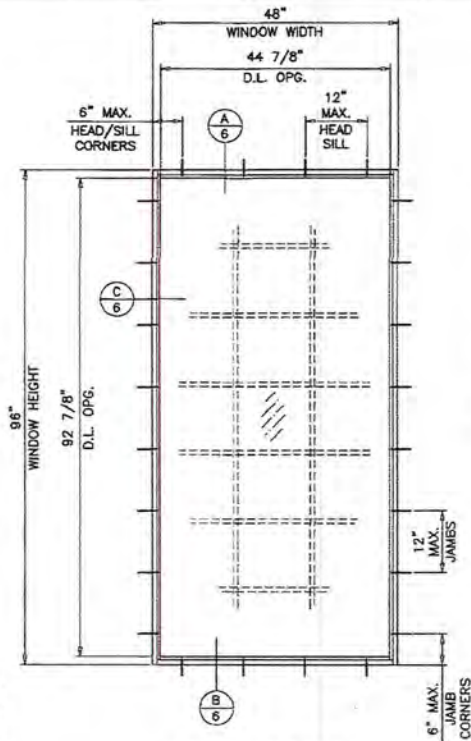
NOA No. 17-1218.12

Expiration Date: May 18, 2022

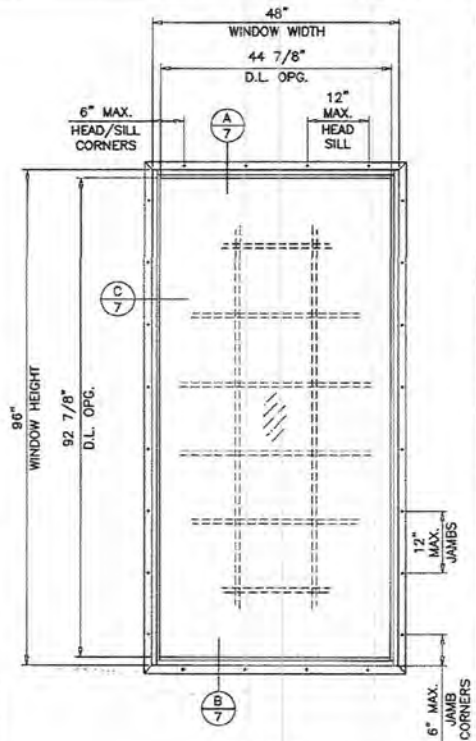
Approval Date: February 08, 2018



TYPICAL ELEVATION
FLANGE FRAMES



TYPICAL ELEVATION
FLANGE FRAMES WITH FLUSH ADAPTER



TYPICAL ELEVATION
FLANGE FRAMES WITH FIN ADAPTER

ES-EL150
FIXED ALUMINUM WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 3.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIX./FIX. OR FIXED WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (5TH EDITION)/2017 (6TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2014/2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

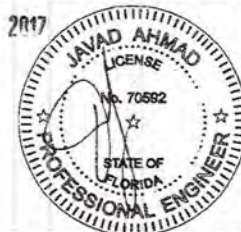
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

DAYLITE OPENINGS:
D.L.O. HEIGHT = WINDOW HEIGHT - 3.125"
D.L.O. WIDTH = WINDOW WIDTH - 3.125"

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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 17-1218-12
Expiration Date MAY 18, 2022
By: *[Signature]*
Title: *[Signature]*

DEC 07 2017



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 204-9100 FAX. (305) 202-6978
COMP-ANL W16-70CS

ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)

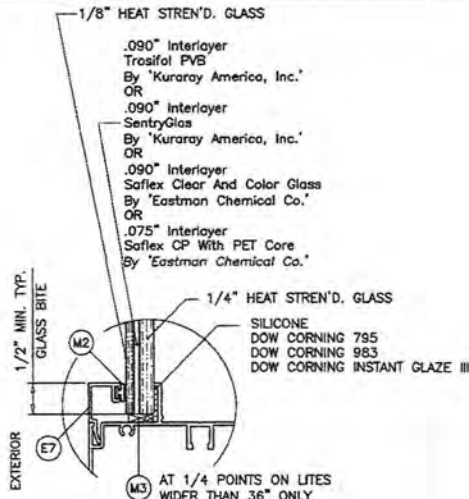
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

REV.	DATE	DESCRIPTION
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B	11/27/17	UPDATED TO 2017 FBC

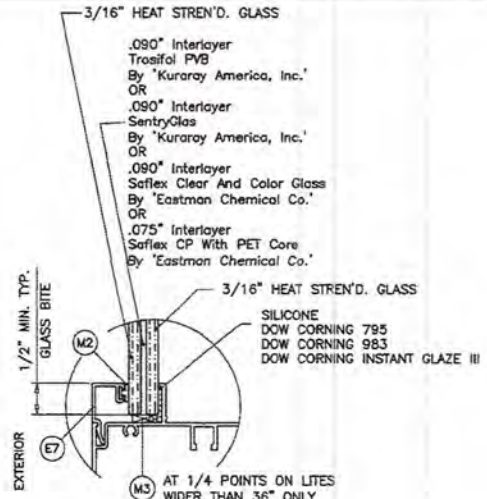
date: 11-13-16
scale: 1/2" = 1'-0"
dr. by: *[Signature]*
chk. by:

drawing no.
W16-70

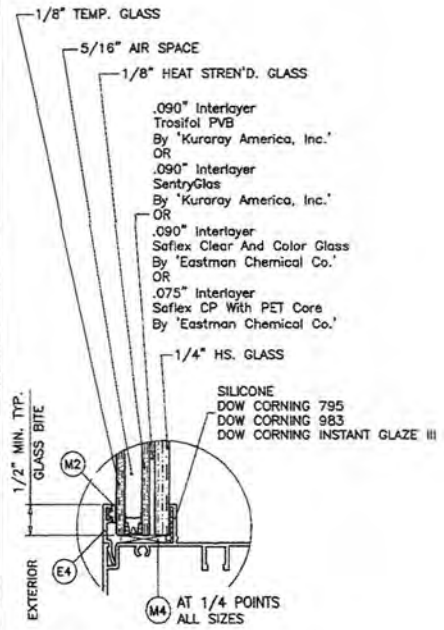
sheet 1 of 9



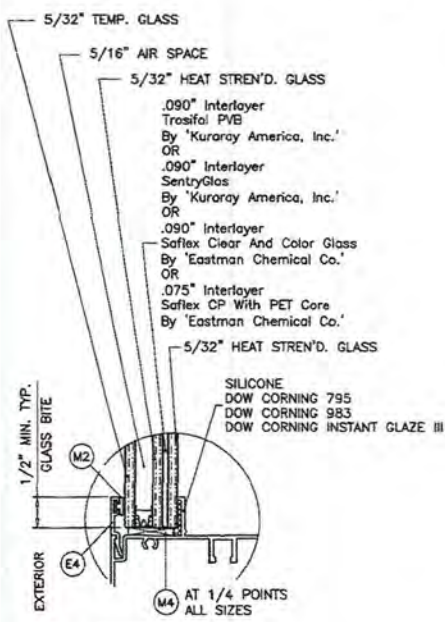
GLASS TYPE 'A'
7/16" OVERALL LAM. GLASS



GLASS TYPE 'B'
7/16" OVERALL LAM. GLASS



GLASS TYPE 'Ai'
7/8" OVERALL INSUL. LAM. GLASS

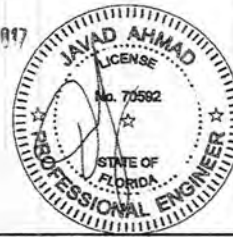


GLASS TYPE 'Di'
7/8" OVERALL INSUL. LAM. GLASS

PRODUCT REVISED
as complying with the Florida
building Code
Acceptance No. 17-1216-12
Expiration Date 5/1/17
J. Khan
Member Board Product Control

5/16" AIR SPACE CONSISTING OF:
SPACER:
'HELIMA' LOW PROFILE ALUMINUM SPACER
BY 'LINGERMANN GMBH'
AROUND THE PERIMETER OF THE GLASS.
PERIMETER SEALANT:
SILICONE
DOW CORNING 791
GE 2000

DEC 07 2017



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (F.A.A. 86368)
TEL. (800) 264-8100 FAX. (800) 262-8978
COMP-ANL\W16-70ES

ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

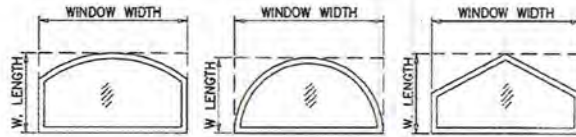
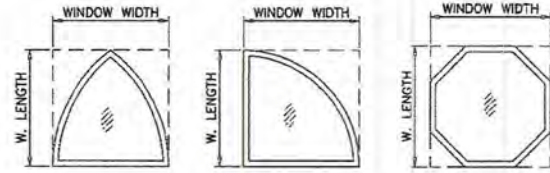
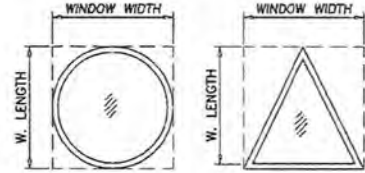
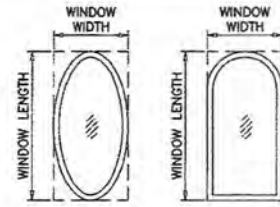
revisions:	no.	date	description
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	B	11.27.17	NO CHANGE THIS SHEET
date:	11-13-18	scale:	1/2" = 1'
dr. by:	TAHQ	chk. by:	
drawing no.	W16-70		
sheet	2 of 9		

GLAZING OPTIONS

DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPES 'B', 'A1', 'D1'		GLASS TYPE 'A'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	48"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	80.0
42"		80.0	80.0	60.0	88.6
48"		80.0	80.0	60.0	80.0
54"		80.0	80.0	60.0	60.0
60"	80.0	80.0	60.0	80.0	
30"	54"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	80.0
42"		80.0	80.0	60.0	68.6
48"		80.0	80.0	60.0	60.0
54"		71.1	71.1	53.3	53.3
60"	71.1	71.1	53.3	53.3	
30"	60"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	80.0
42"		80.0	80.0	60.0	68.6
48"		80.0	80.0	60.0	60.0
54"		71.1	71.1	53.3	53.3
60"	64.0	64.0	48.0	48.0	
30"	66"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	80.0
42"		80.0	80.0	60.0	68.6
48"		80.0	80.0	60.0	80.0
54"		71.1	71.1	53.3	53.3
60"	64.0	64.0	48.0	48.0	
30"	72"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	80.0
42"		80.0	80.0	60.0	68.6
48"		80.0	80.0	60.0	60.0
54"		71.1	71.1	53.3	53.3
60"	64.0	64.0	48.0	48.0	
30"	78"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	78.0
42"		80.0	80.0	60.0	68.6
48"		80.0	80.0	60.0	60.0
54"		71.1	71.1	53.3	53.3
30"	84"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	76.4
42"		80.0	80.0	60.0	68.6
48"		80.0	80.0	60.0	60.0
54"		71.1	71.1	53.3	53.3
30"	90"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	75.0
42"		80.0	80.0	60.0	67.1
48"		80.0	80.0	60.0	60.0
54"		80.0	80.0	60.0	60.0
30"	96"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	73.8
42"		80.0	80.0	60.0	65.8
48"		80.0	80.0	60.0	60.0

DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPES 'B', 'A1', 'D1'		GLASS TYPE 'A'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	102"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	72.9
42"		80.0	80.0	60.0	64.8
30"	108"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	72.0
42"		80.0	80.0	60.0	63.8
30"	114"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	71.3
42"		80.0	80.0	60.0	60.0
30"	120"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	70.6

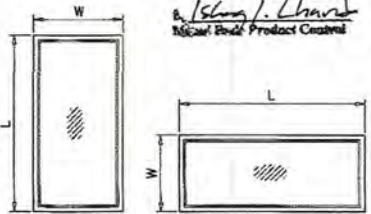
DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPES 'B', 'A1', 'D1'		GLASS TYPE 'A'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26"	80.0	80.0	60.0	80.0
26-1/2"		80.0	80.0	60.0	80.0
37"		80.0	80.0	60.0	80.0
48"		80.0	80.0	60.0	80.0
53-1/8"		80.0	80.0	60.0	80.0
19-1/8"	38-3/8"	80.0	80.0	60.0	80.0
26-1/2"		80.0	80.0	60.0	80.0
37"		80.0	80.0	60.0	77.8
48"		80.0	80.0	60.0	75.0
53-1/8"		80.0	80.0	60.0	75.0
19-1/8"	50-5/8"	80.0	80.0	60.0	80.0
26-1/2"		80.0	80.0	60.0	80.0
37"		80.0	80.0	60.0	77.8
48"		80.0	80.0	60.0	60.0
53-1/8"		75.9	75.9	56.9	56.9
19-1/8"	58"	80.0	80.0	60.0	80.0
26-1/2"		80.0	80.0	60.0	80.0
37"		80.0	80.0	60.0	77.8
48"		80.0	80.0	60.0	60.0
53-1/8"		72.3	72.3	54.2	54.2
19-1/8"	63"	80.0	80.0	60.0	80.0
26-1/2"		80.0	80.0	60.0	80.0
37"		80.0	80.0	60.0	77.8
48"		80.0	80.0	60.0	60.0
53-1/8"		72.3	72.3	54.2	54.2
19-1/8"	76"	80.0	80.0	60.0	80.0
26-1/2"		80.0	80.0	60.0	80.0
37"		80.0	80.0	60.0	77.2
48"		80.0	80.0	60.0	60.0
53-1/8"		72.3	72.3	54.2	54.2



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.

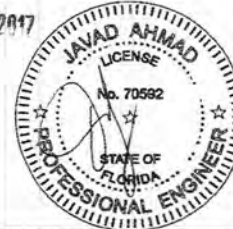
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 17-1218-12
 Expiration Date 5/18/22
 J. Ahmad
 Javad Ahmad Product Control

NOTE:
 GLASS CAPACITIES ON THIS SHEET ARE
 BASED ON ASTM E1300-09 (3 SEC. GUSTS).



NOTE:
 WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED
 VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

DEC 07 2017



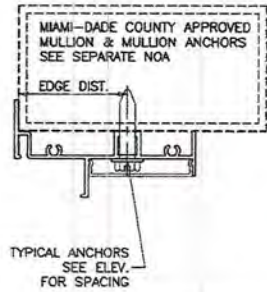
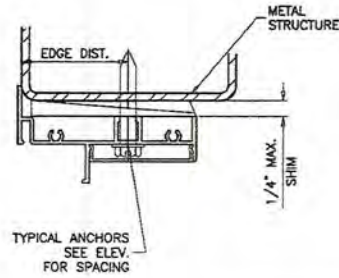
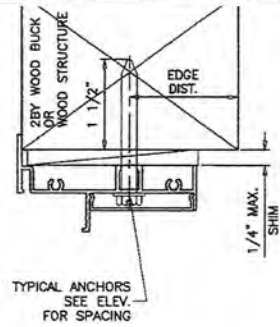
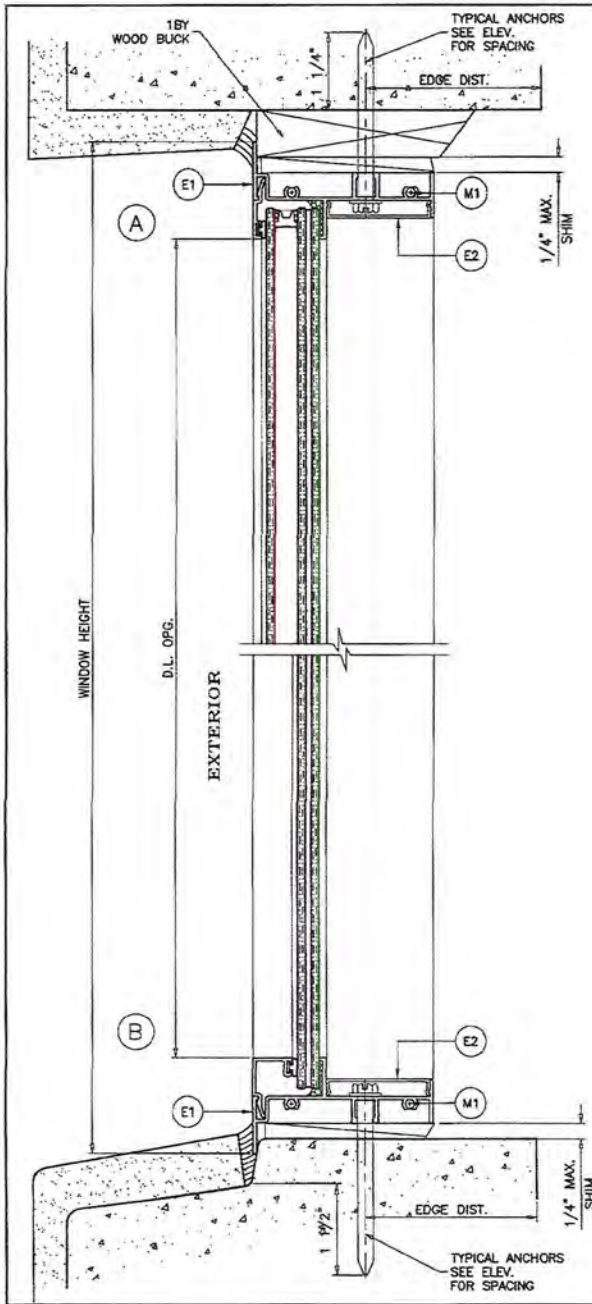
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AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 8536)
 MIAMI, FLORIDA 33175 (C.A.N. 35175)
 TEL. (305) 264-6100 FAX. (305) 262-6976
 COMP-ANL W16-70ES

ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:
 no. 0016 by description
 A 05.12.17 GLASS CHART REV.
 B 11.27.17 NO CHANGE THIS SHEET

date: 11-13-18
 scale: 1/2" = 1"
 dr. by: TARIQ
 chk. by:

drawing no.
W16-70
 sheet 3 of 9



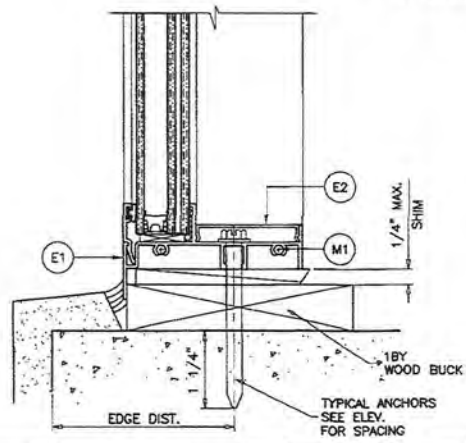
WOOD BUCKS AND METAL STRUCTURE NOT BY E.S. WINDOWS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
 1/4" DIA. TAPCON BY 'ITW' (Fu=125 KSI, Fy=100 KSI)
 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
 THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO MASONRY (JAMBS)
 DIRECTLY INTO CONCRETE OR MASONRY
 1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO MASONRY (JAMBS)

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 17-1218-12
 Expiration Date 5/13/22
 J. Ahmad
 Manufacturer/Product Control

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR
 INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.
 WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

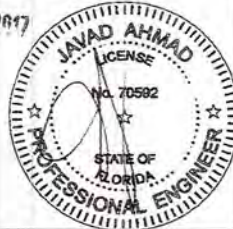


AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9960 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8400 FAX. (305) 262-8978
 COMP-ANL\W16-70ES

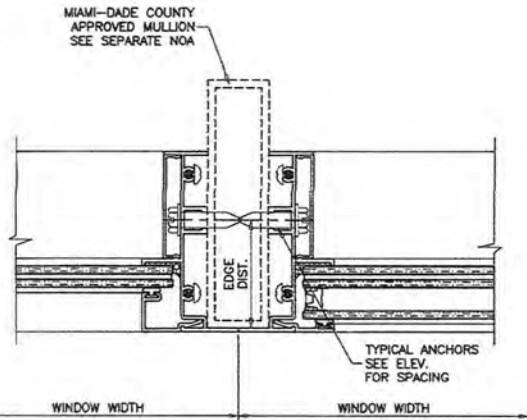
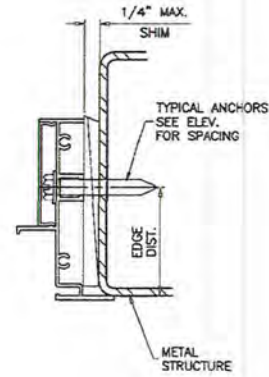
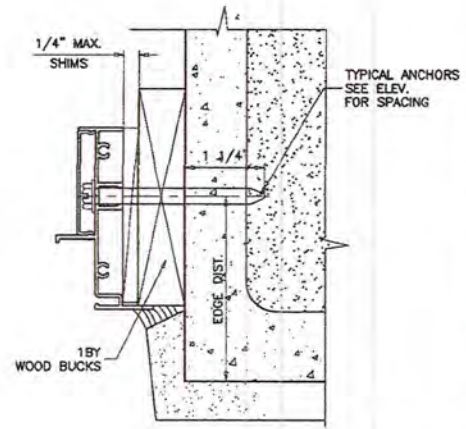
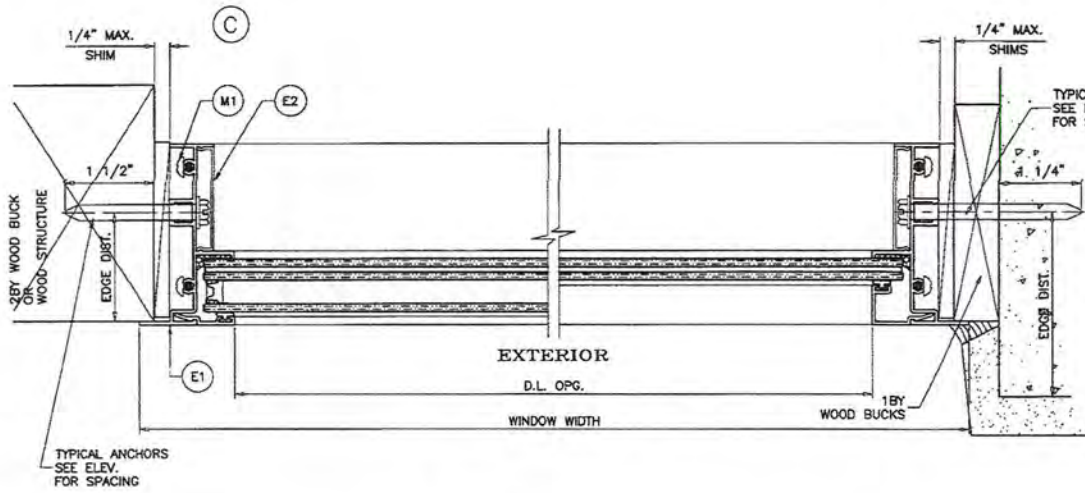
ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

NO.	DATE	BY	DESCRIPTION
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B	11.27.17		UPDATED TO 2017 FBC

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 dr. by: TARIQ
 chk. by:
 drawing no.
W16-70
 sheet 4 of 9

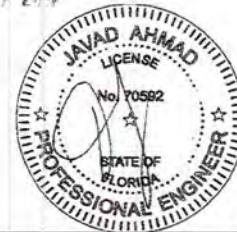


DEC 07 2017



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 17-121812
 Expiration Date 8/18/22
 By *Shaykh I. Khan*
 National Body Product Control

REC 07 2017



afc

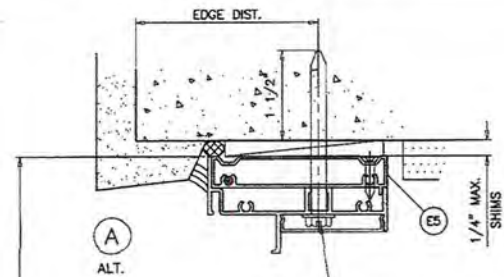
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9380 SUNSET DRIVE, SUITE 220 (C.A.N. 8598)
 MIAMI, FLORIDA 33178 FAX: (305) 262-8978
 TEL: (305) 264-8100

ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL: (305) 638-5151 FAX: (305) 638-5158

REV	DATE	DESCRIPTION
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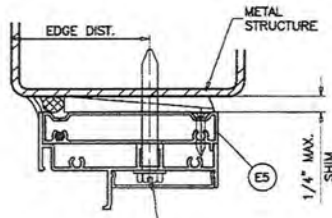
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 dr. by: TARQ
 chk. by:

drawing no.
W16-70
 sheet 5 of 9



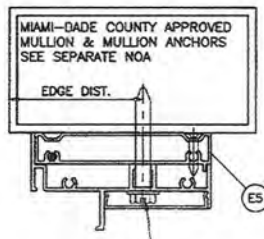
TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

1/4" MAX.
SHIMS



TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

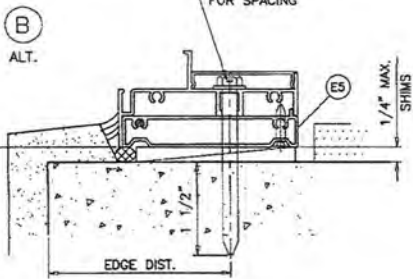
1/4" MAX.
SHIM



TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

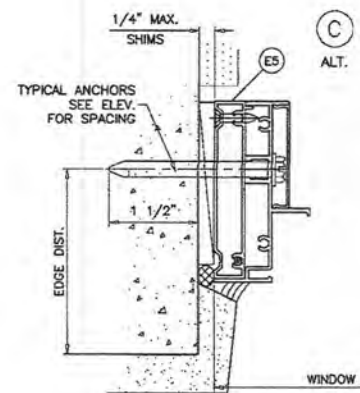
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1218-12
Expiration Date 5/18/22
By: J. Ahmad
Special Product Control

WINDOW HEIGHT
EXTERIOR



TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

1/4" MAX.
SHIMS



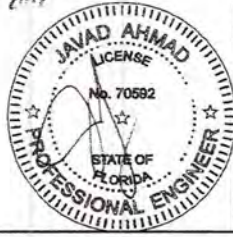
TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

WINDOW WIDTH

INSTALLATION DETAILS WITH FLUSH FRAME ADAPTERS

SEE SHEETS 4 & 5 FOR WINDOW DETAILS

DEC 07 2017



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3598)
TEL. (305) 264-9100 FAX. (305) 262-9978
COMP-ANL W16-70ES

ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

no.	date	description
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B	11.27.17	NO CHANGE THIS SHEET

date:	11-13-16
scale:	1/2" = 1"
dr. by:	TARIQ
chk. by:	

drawing no.
W16-70
sheet 6 of 9

ILLUSTRATIVE DTLS. ONLY
EXT. OR INT. FINISHES
NOT BY E.S. WDW.

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

1/2" MIN.
1/4" MAX. GAP

(A)
ALT.

#10 TEK/Self DRILLING SCREWS
AT 6 FROM ENDS
AND 12 O.C. MAX.

WINDOW HEIGHT
EXTERIOR

(B)
ALT.

#10 TEK/Self DRILLING SCREWS
AT 6 FROM ENDS
AND 12 O.C. MAX.

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

1/2" MIN.
1/4" MAX. GAP

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
#10 WOOD SCREWS (GRADE 2 CRS)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD

1/4" MAX. GAP
1/2" MIN.

(C)
ALT.

#10 TEK/Self DRILLING SCREWS
AT 6 FROM ENDS
AND 12 O.C. MAX.

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

EXTERIOR

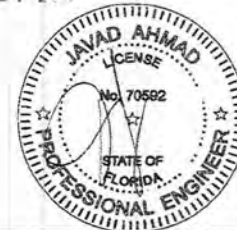
WINDOW WIDTH

INSTALLATION DETAILS WITH FIN FRAME ADAPTERS

SEE SHEETS 4 & 5 FOR WINDOW DETAILS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance Date 17-12-12
Expiration Date 5-1-17
E. S. Windows, LLC
3550 N.W. 49 STREET
MIAMI, FL 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

DEC 07 2017

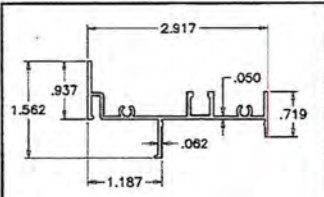


af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220 (C.A.F. 8536)
MIAMI, FLORIDA 33173 FAX. (305) 264-6300
TEL. (305) 264-6300

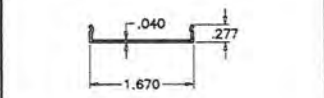
ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

date: 11-13-16	revisions:
scale: 1/2" = 1'	(1) description
dr. by: TARIQ	(2) NO CHANGE THIS SHEET
chk. by:	(3) NO CHANGE THIS SHEET
drawing no. W16-70	
sheet 7 of 9	

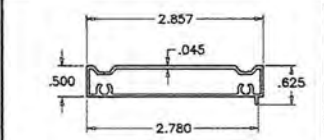
COMP-ANI\W16-70ES



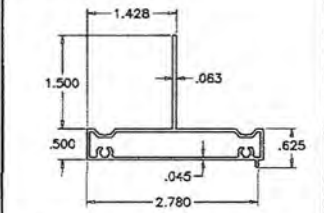
E1 FRAME



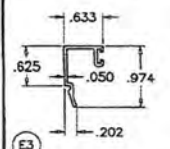
E2 FRAME SCREW COVER



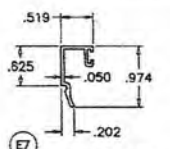
E5 FLUSH FRAME ADAPTER



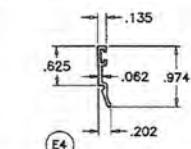
E6 FLUSH FRAME ADAPTER WITH FIN



E3



E7



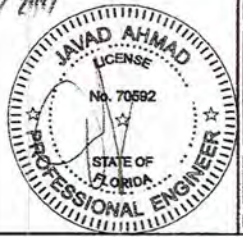
E4

GLAZING BEADS

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	ES-EL151	1	FRAME	6063-T6	-
E2	ES-EL152	AS REQD.	FRAME SCREW COVER	6063-T6	-
E3	ES-EL109	AS REQD.	GLAZING BEAD (5/16" LAM. GLASS)	6063-T6	-
E4	ES-EL111	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
E5	ES-EL112	AS REQD.	FLUSH FRAME ADAPTER	6063-T6	-
E6	ES-EL115	AS REQD.	FLUSH FRAME ADAPTER WITH FIN	6063-T6	-
E7	ES-EL110	AS REQD.	GLAZING BEAD (7/16" LAM. GLASS)	6063-T6	-
M1	#8 X 1"	-	FRAME ASSEMBLY FASTENERS	ST. STEEL	PH SMS
M2	ES-5008A	AS REQD.	GLAZING BEAD BULB	SILICONE	DUROMETER 60±5 SHORE A
M3	80-372A	2/ LITE	SETTING BLOCK AT 1/4 POINTS (LAM. GLASS)	SILICONE	DUROMETER 80±5 SHORE A
M4	EL100-B01	2/ LITE	SETTING BLOCK AT 1/4 POINTS (INSUL. LAM. GLASS)	SILICONE	DUROMETER 80±5 SHORE A
M5	#8 X 1"	-	FLUSH/FIN FRAME ADAPTER ASSEMBLY FASTENERS	ST. STEEL	FH SMS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 17-1218-12
 Expiration Date 5/18/22
 By: *Javad Ahmad*
 Vice and Chief Product Engineer

DEC 07 2017



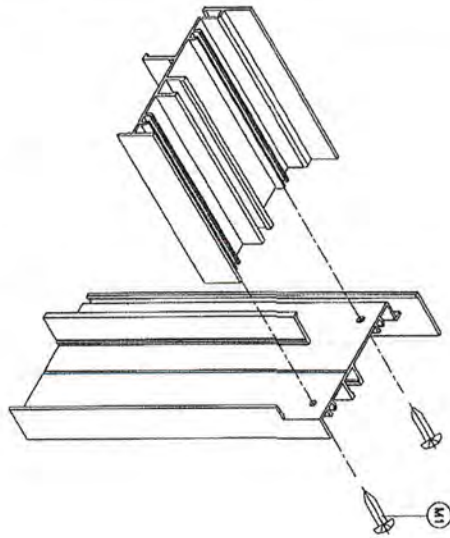
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 9698)
 TEL (305) 284-8400 FAX (305) 284-8978
 COMP-ANI W16-70ES

ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

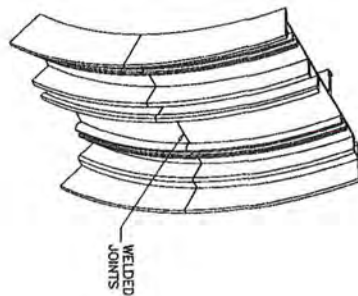
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	B	11.27.17	NO CHANGE THIS SHEET	

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 dr. by: TARIQ
 chk. by:

drawing no.
W16-70
 sheet 8 of 9

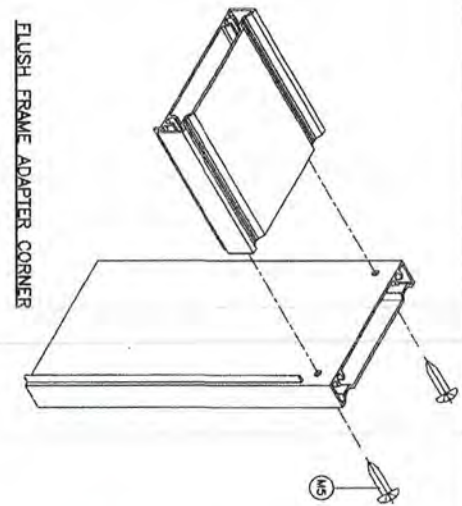


RECT. OR SQUARE WINDOWS

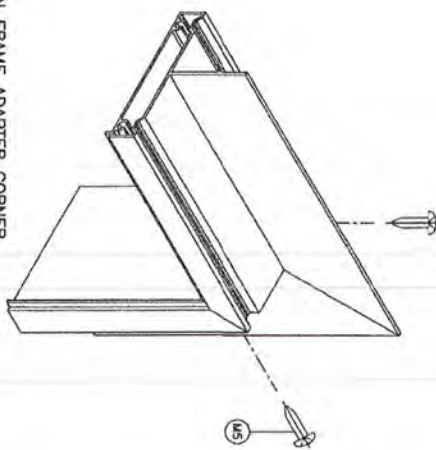


CIRCULAR WINDOWS

WELDED JOINTS



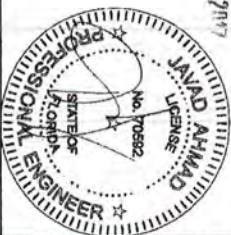
FLUSH FRAME ADAPTER CORNER



FIN FRAME ADAPTER CORNER

CSC 07 2017

PRODUCT REVISED
 to comply with the Florida
 Building Code
 Adoption No. 17-1218-12
 Effective Date: 02/01/2022
 By: *[Signature]*
 Senior Product Designer



date:	11-13-16
scale:	1/2" = 1"
dr. by:	TARIQ
chk. by:	

revisions:			
no	date	by	description
A	05.12.17		NO CHANGE THIS SHEET
B	11.27.17		NO CHANGE THIS SHEET

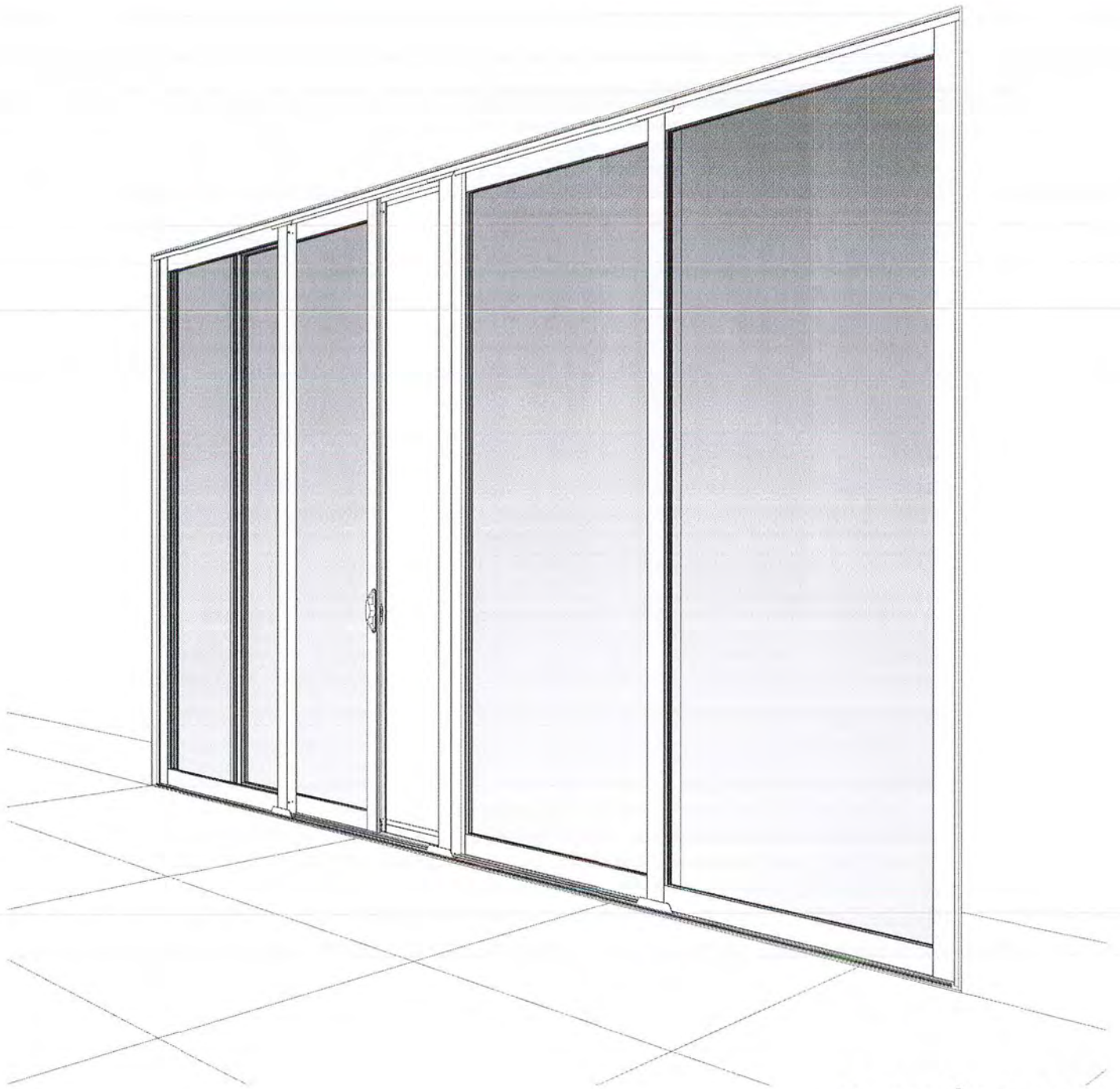
ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
 E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3638)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANLW16-70ES



ES-6000/6100

SLIDING DOOR



PROPOSED DOOR STYLE



ALUMINUM AND
GLASS SLIDING
DOOR IN
LIVING AREA.





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

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

E.S. Windows, LLC
10653 N.E. Quaybridge Ct.
Miami, FL 33138

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 4000 Aluminum Sliding Glass Door w/ Reinforcements-LMI

APPROVAL DOCUMENT: Drawing No. **W03-100 Rev O**, titled "Series-4000 Aluminum Sliding Glass Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 11/08/03 and last revised on SEP 07, 2017, 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

Limitations:

1. See sheet **2** for Design Pressure (DP) Vs Glass types, size & reinforcing levels for (4) Panels or less configured SGD and sheet **3** for taller (2) panels configured **OX, XO** or **XX** w/ **Heavy Duty** reinforcing. Exterior (positive) design pressures are limited to **+70 PSF** w/ **2-1/2"** sill & up to **+85 PSF** w/ **3-1/4"** sill for **OX** or **XO** and **+80 PSF** w/ **3-1/4"** sill for **XX** door.
2. Max. Door frame area not to exceed 96"x192" =128 ft² (4-panel) or 98"x 111" =75.5 ft² (2-HD panel), corresponding to the tested area.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Barranquilla, Columbia, state and series and following statement: "Miami-Dade County Product Control Approved", 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 #17-0505.05** and consists of this page 1 and evidence pages E-1, E-2 & E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No. 18-0905.06
Expiration Date: March 18, 2024
Approval Date: October 18, 2018
Page 1

10/10/18

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance to FBC 2014(5th edition) and FBC 2017(6th Edition), dated 09/06/17 prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA revises NOA # 15-0629.01, expiring 03/18/2019.

2. New Evidence submitted

A. DRAWINGS

1. Drawing No. W03-100 Rev O, titled "Series-4000 Aluminum Sliding Glass Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 11/08/03 and last revised on SEP 07, 2017, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for "Trosifol: Ultra clear, clear & color PVB glass interlayer" (former "Kuraray Butacite PVB Interlayer)", expiring on 07/08/19.

F. STATEMENTS

1. Statement letter dated AUG 27, 2018 for renewal and still conformance to FBC 2017 (6th edition), prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA renews NOA # 17-0505.05, expiring 03/18/2024.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No. 18-0905.06

Expiration Date: March 18, 2024

Approval Date: October 18, 2018

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under files below)
2. Drawing No. **W03-100 Rev M**, titled "Series-4000 Aluminum Sliding Patio Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 11/08/03 and last revised on OCT 21, 2015, signed and sealed by Javad Ahmad, P.E.

B. TESTS (Submitted under files #15-0629.01/#14-0923.11/13-1115.03/#12-0312.03/#09-0210.07 and #08-0417.03)

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
 - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

Along with marked-up drawings and installation diagram of an Aluminum Sliding Glass Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No(s). **FTL-3908**, dated 10/09/03, **FTL-3909**, dated 09/26/03, **FTL-3910**, dated 09/30/03 and **FTL-4287**, dated 09/22/04, signed and sealed by Joseph Chan, P.E. and the Test Report No. **FTL-4287**, dated 09/22/04, signed and sealed by Edmundo Largaespada, P.E.

2. Additional Reference test reports No. **FTL-5471**, dated 01/24/08 and **FTL 7894** (Tandem Nylon Rollers), per TAS 201/203-94, issued by Fenestration Testing Lab, signed & sealed by Michael Wenzel, P.E. and Idalmis Ortega, P.E., respectively.

C. CALCULATIONS

1. Anchor verification calculation, complying w/ FBC 2014(5th Edition), dated 07/31/2015, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E-1300-02, -04 & -09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the "**Sentry Glass ® (Clear and White) Glass Interlayers**", expiring on 07/04/18.
2. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the "**Kurray Butacite PVB Interlayers**", expiring on 12/11/2016.



Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No. 18-0905.06

Expiration Date: March 18, 2024

Approval Date: October 18, 2018

E.S. Windows, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of compliance to FBC 2014 (5th Edition) and of no financial interest issued by Al-Farooq Corp., dated 07/29/15, signed and sealed by Javad Ahmad, P.E.
2. Statement of Lab compliance, part of above test reports.
3. Distribution agreement dated 03/05/14 between ES Windows, LLC & Energia Solar, SA, and Colombia, signed by Andres Chamorro (Gen MGR) and Clara Garcia (Sales MGR), respectively on behalf of their companies (submitted under #13-1115.03)

G. OTHER

1. This NOA revises NOA # 14-0923.11, expiring March 18, 2019.
2. Tet proposal # 07-3815, approved by BCCO and dated 07/01/14 by RER.

2. Evidence submitted under previous approval

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W03-100 Rev O**, titled "Series-4000 Aluminum Sliding Glass Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 11/08/03 and last revised on SEP 07, 2017, 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) 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 and TAS 202-94

Along with marked-up drawings and installation diagram of an Aluminum Sliding Glass Door, prepared by Black water Testing, Inc., Test Report No(s). **BT-ESW-15-004**, dated 04/18/2016, signed and sealed by YamilG.

Kuri, P.E.

C. CALCULATIONS

1. Anchor verification calculation, complying w/ FBC 2017 (6th Edition), dated 11/18/2016 and last revised on 09-07-17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **16-1117.01** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for "**Trosifol: Ultra clear, clear & color PVB glass interlayer**" (former "**Kuraray Butacite PVB Interlayer**"), expiring on 07/08/19.

Ishaq I. Chanda
Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0905.06

Expiration Date: March 18, 2024
Approval Date: October 18, 2018

DETAILS (D) AND (E)

SEE SHEET 6 FOR NO REINFORCING
SEE SHEET 6 FOR MEDIUM REINFORCING
SEE SHEET 5 FOR HEAVY REINFORCING

DOORS GLAZED WITH LAMINATED GLASS RATED FOR LARGE & SMALL MISSILE IMPACT AND REQUIRE NO SHUTTERS.

DAYLITE OPENINGS WIDTHS:
FIXED/LOCK STILE-INTERLOCK = PANEL WIDTH - 5.375"
INTERLOCK-ASTRAGAL = PANEL WIDTH - 5.625"

DAYLITE OPENING HEIGHT:
PANEL HEIGHT - 5.00"

PANEL HEIGHT = DOOR FRAME HEIGHT - 1.250"

SERIES-4000 ALUM SLIDING GLASS DOOR

DESIGN LOAD RATING FOR DOORS TO BE AS PER CHARTS SHOWN AND APPROVED CONFIGURATIONS ON SHEETS 2 AND 3.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (5TH EDITION)/2017 (6TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

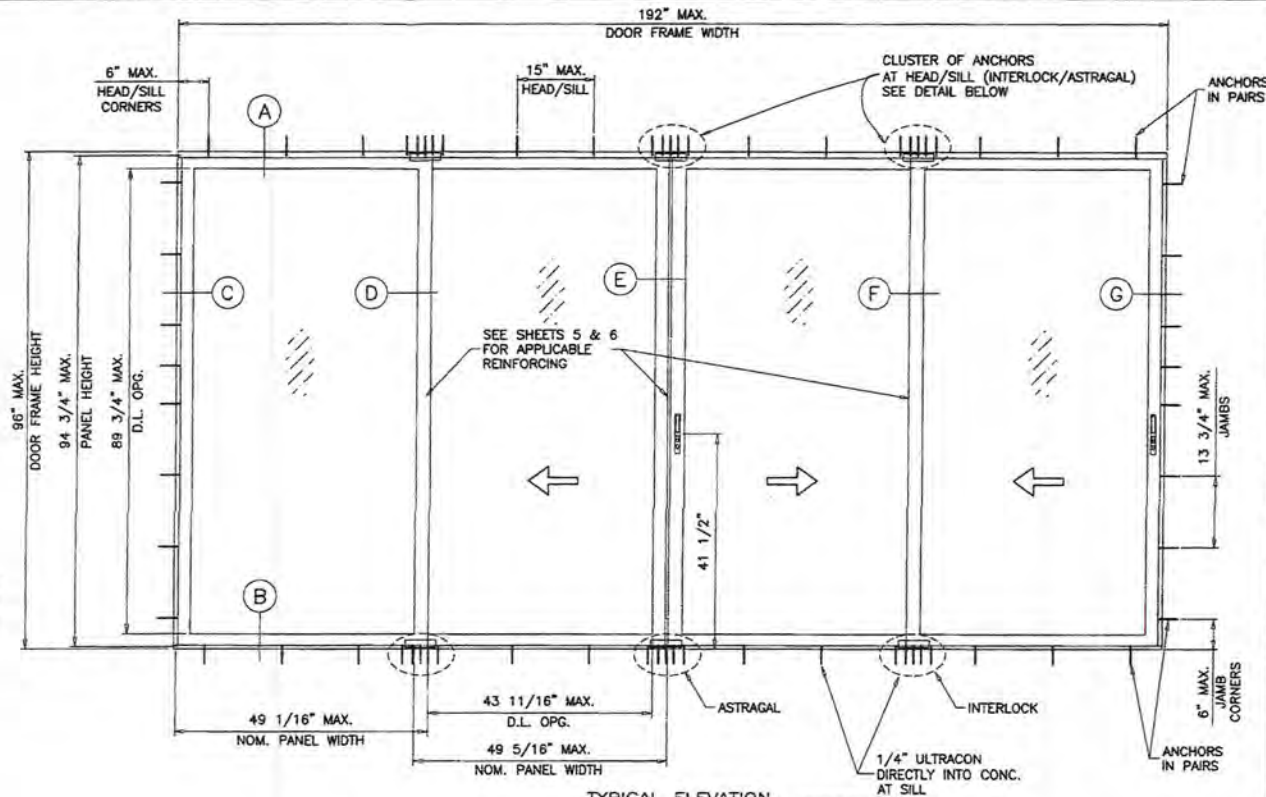
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

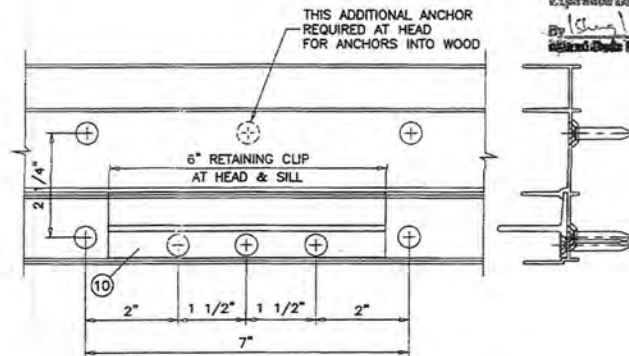
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2014/2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.



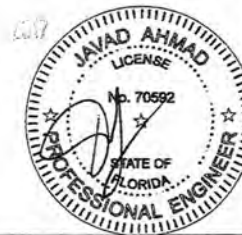
TYPICAL ELEVATION
TESTED UNIT



DETAIL CLUSTER OF ANCHORS AT INTERLOCK/ASTRAGAL ENDS
1/4" ULTRACON DIRECTLY INTO CONCRETE AT SILL

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 18-0985-06
Expiration Date 02/28/2019
By: [Signature]
Approved/Date Product Approval

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 17-0505-05
Expiration Date 02/28/2019
By: [Signature]
Approved/Date Product Approval



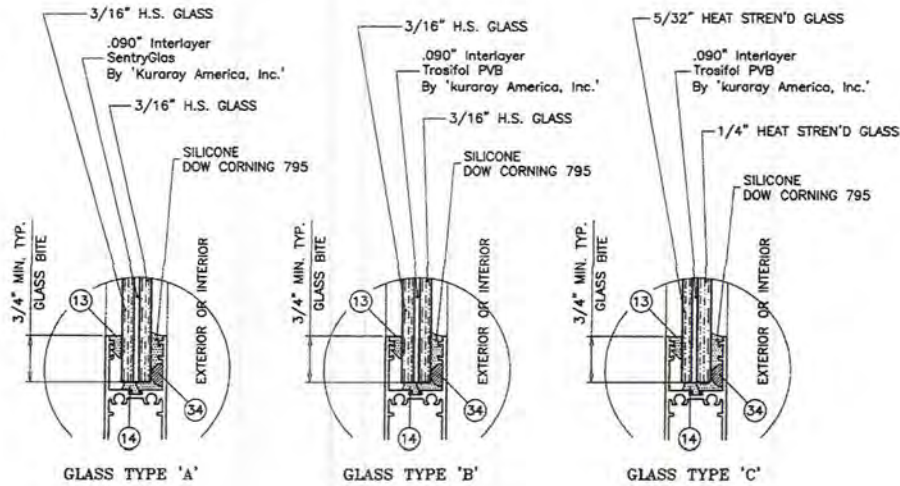
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9300 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 284-8100 FAX. (305) 282-6978
COMP-ANL W03-100ES

SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

NO.	DATE	BY	DESCRIPTION
L	07.31.15		GENERAL REV.
M	10.20.15		REV. PER COMMENTS
N	11.04.16		EDITORIAL CHANGES
O	09.05.17		UPDATED TO 2017 IBC

date: 11-08-03
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
W03-100
sheet 1 of 7



SEE SHEET 3 FOR OX, XO OR XX DOORS WITH HEAVY REINFORCING

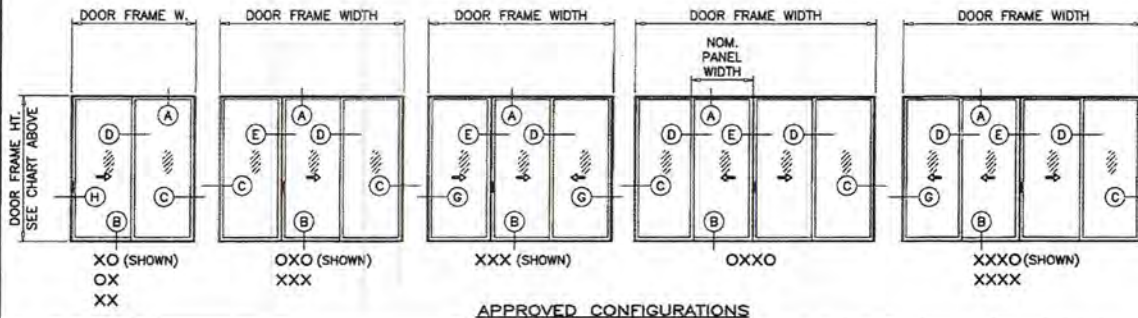
		DESIGN LOAD CAPACITY - PSF (ALL CONFIGURATIONS SHOWN ON THIS SHEET) GLASS TYPES 'A', 'B' OR 'C'					
NOMINAL PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	NO REINFORCING		MEDIUM REINFORCING		HEAVY REINFORCING	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
30	81 1/4	70.0	80.0	70.0	80.0	70.0	80.0
36		70.0	80.0	70.0	80.0	70.0	80.0
42		-	-	70.0	80.0	70.0	80.0
48		-	-	-	-	70.0	80.0
54		-	-	-	-	70.0	71.1
30	96	-	-	70.0	80.0	70.0	80.0
36		-	-	70.0	80.0	70.0	80.0
42		-	-	-	-	70.0	80.0
48		-	-	-	-	70.0	80.0

DOOR HEIGHT AND WIDTH SIZE MUST COMPLY WITH
EGRESS REQUIREMENTS PER FBC AS REQUIRED.

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 12-0905-06
Expiration Date 3/12/24
By: *[Signature]*
Miami State Product Control

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 17-0705-05
Expiration Date 3/12/19
By: *[Signature]*
Miami State Product Control

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



APPROVED CONFIGURATIONS

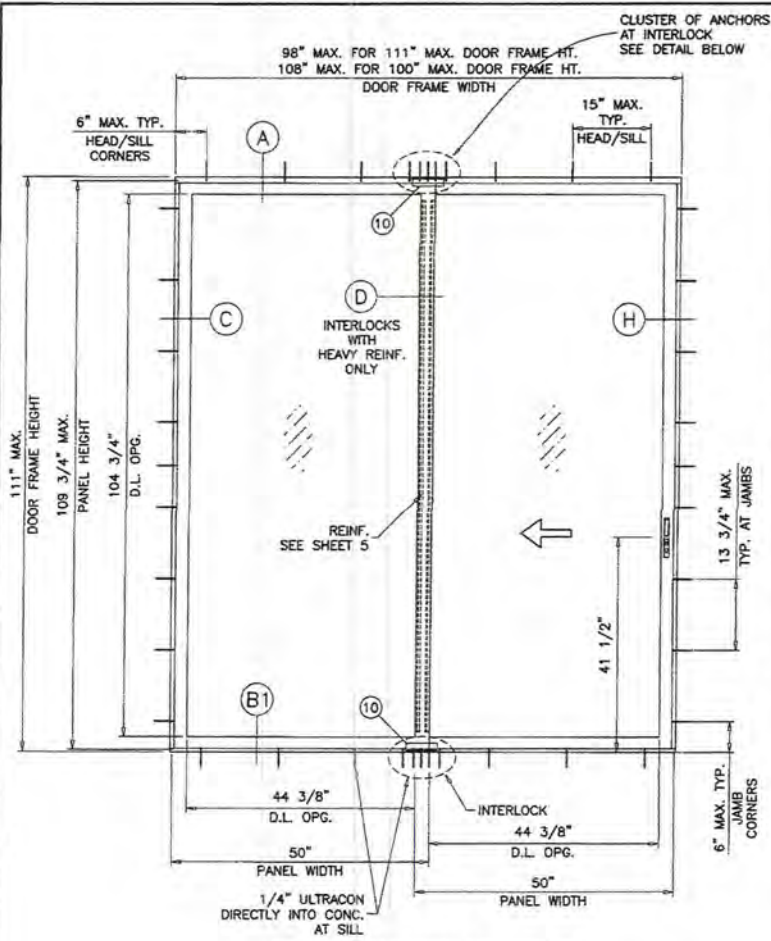


af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3558)
TEL. (305) 262-9978
FAX. (305) 264-8100

SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

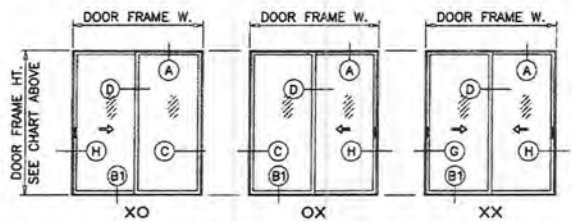
no.	date	description
L	07.31.15	GENERAL REV.
M	10.20.15	REV. PER PER COMMENTS
N	11.04.16	EDITORIAL CHANGES
O	09.05.17	UPDATED TO 2017 FBC

date: 11-08-03
scale: 1/2" = 1'-0"
dr. by: TARO
chk. by:
drawing no. **W03-100**
sheet 2 of 7



TYPICAL ELEVATION (OX) (SHOWN)

THIS SIZE TO HAVE HEAVY REINFORCING AT INTERLOCKS (SEE SHEET 5)



APPROVED CONFIGURATIONS

DESIGN LOAD CAPACITY - PSF
(OX, XO OR XX ONLY)
HEAVY REINF'G (SEE DETAIL SHEET 5)

NOMINAL PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	GLASS TYPE 'A'		GLASS TYPE 'B'		
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
30	81 1/4	80.0	103.0	80.0	103.0	
		36	80.0	103.0	80.0	103.0
		42	80.0	88.3	80.0	88.3
		45	64.0	82.4	85.0	85.0
		48	80.0	70.0	85.0	85.0
		54	72.6	63.5	77.1	77.1
30	96	80.0	103.0	80.0	103.0	
		36	80.0	103.0	80.0	103.0
		42	80.0	70.0	85.0	85.0
		45	80.0	70.0	85.0	85.0
		48	80.0	70.0	85.0	85.0
		54	72.0	63.5	77.1	77.1
30	100	80.0	103.0	80.0	103.0	
		36	80.0	103.0	80.0	103.0
		42	80.0	70.0	85.0	85.0
		48	80.0	70.0	85.0	85.0
		49	72.6	63.5	85.0	85.0
		54	72.6	63.5	-	-
30	108	80.0	70.0	85.0	85.0	
		36	80.0	70.0	85.0	85.0
		42	80.0	70.0	85.0	85.0
		48	80.0	70.0	85.0	85.0
		49	-	-	85.0	85.0
		54	-	-	-	-
30	111	80.0	70.0	80.0	70.0	
		36	80.0	70.0	80.0	70.0
		42	80.0	70.0	80.0	70.0
		48	80.0	70.0	80.0	70.0

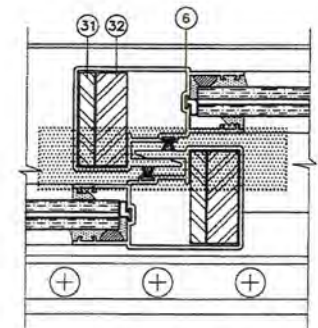
FOR 'XX' DOORS LIMIT EXTERIOR LOADS TO +80.0 PSF

THE SHOWN EXT. (+) LOADS REQUIRE 3-1/4" SILL HEIGHT (DTL. B1 ON SHEET 4).
REDUCE EXT.(+) LOAD CAPACITY TO +70.0 PSF IF 2-1/2" SILL HEIGHT IS USED
INT.(-) LOADS REMAIN UNCHANGED.

DOOR HEIGHT AND WIDTH SIZE MUST COMPLY WITH EGRESS REQUIREMENTS PER FBC AS REQUIRED.

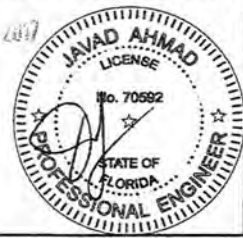
PRODUCT REVIEWED
as complying with the Florida Building Code
Acceptance No. 18-0905-06
Expiration Date 3/18/24
By: [Signature]
Glass/Door Product Control

PRODUCT REVIEWED
as complying with the Florida Building Code
Acceptance No. 17-0525-05
Expiration Date 3/18/19
By: [Signature]
Glass/Door Product Control



HEAVY REINFORCING AT EXTERIOR/INTERIOR INTERLOCK

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219



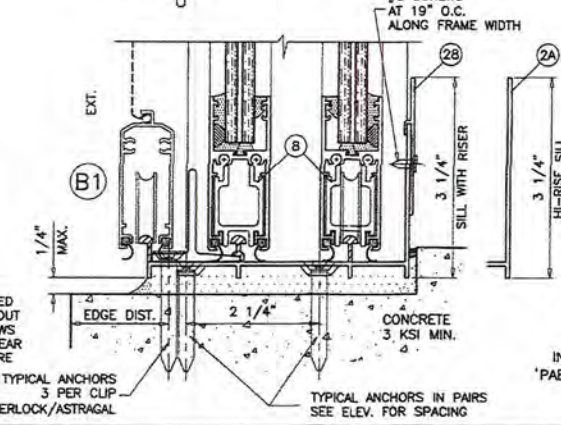
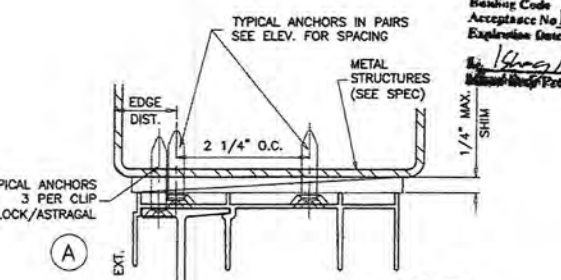
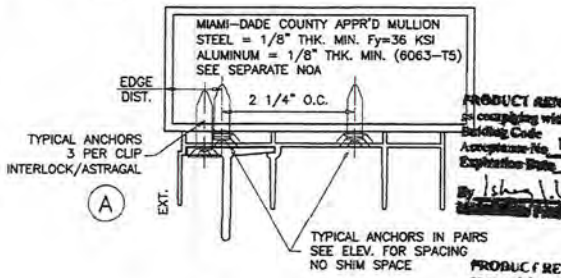
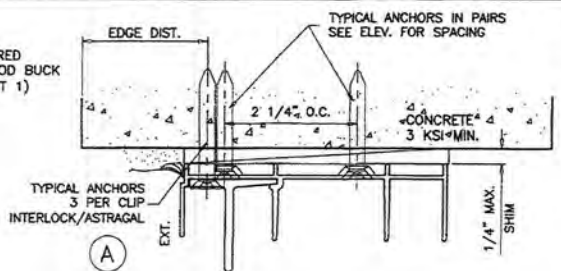
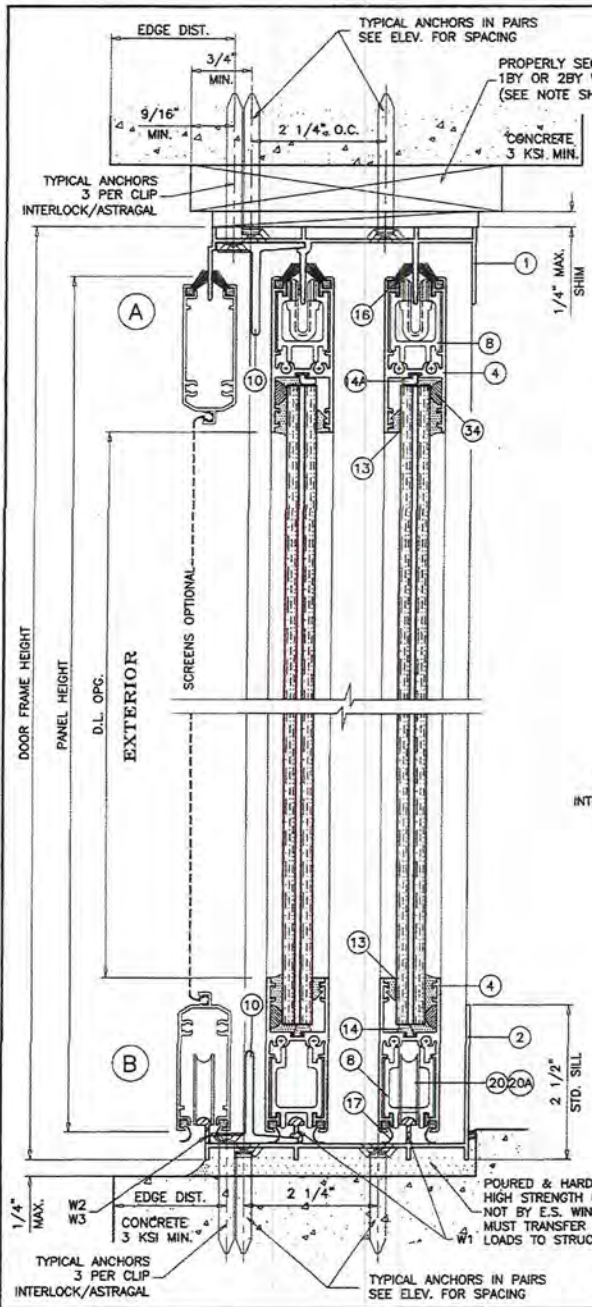
afc
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3658)
TEL. (305) 264-8100 FAX. (305) 262-6078

SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

no.	date	description
L	07.31.10	GENERAL REV.
M	10.20.15	REV. PER COMMENTS
N	11.04.16	EDITORIAL CHANGES
O	09.05.17	UPDATED TO 2017 FBC

date: 11-08-03
scale: 1/2"=1'-0"
dr. by: TARRQ
chk. by:

drawing no.
W03-100
sheet 3 of 7



1X OR 2X WOOD BUCKS AND METAL STRUCTURE NOT BY E.S. WINDOWS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

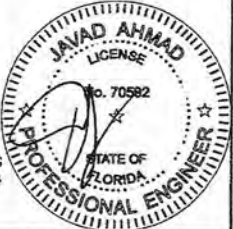
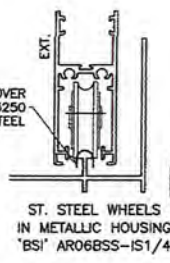
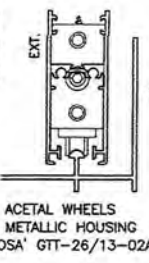
TYPICAL ANCHORS: SEE ELEV. FOR SPACING
 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS) THRU 1BY BUCKS INTO CONC. OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
 DIRECTLY INTO CONCRETE OR BLOCKS
 1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS) INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 3/4" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.
 WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

SEALANT:
 ALL JOINTS AND FRAME CONNECTIONS SEALED WITH WHITE/ALUMINUM COLORED SILICONE.

WEEPHOLES:
 W1 = 1-3/4" WEEP NOTCH AT EACH END
 W2 = 3/4" WEEP NOTCH AT EACH END
 W3 = 3" X 1/4" WEEP HOLES AT 2" FROM EACH END



AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3638)
 TEL. (305) 264-8100 FAX. (305) 262-8978

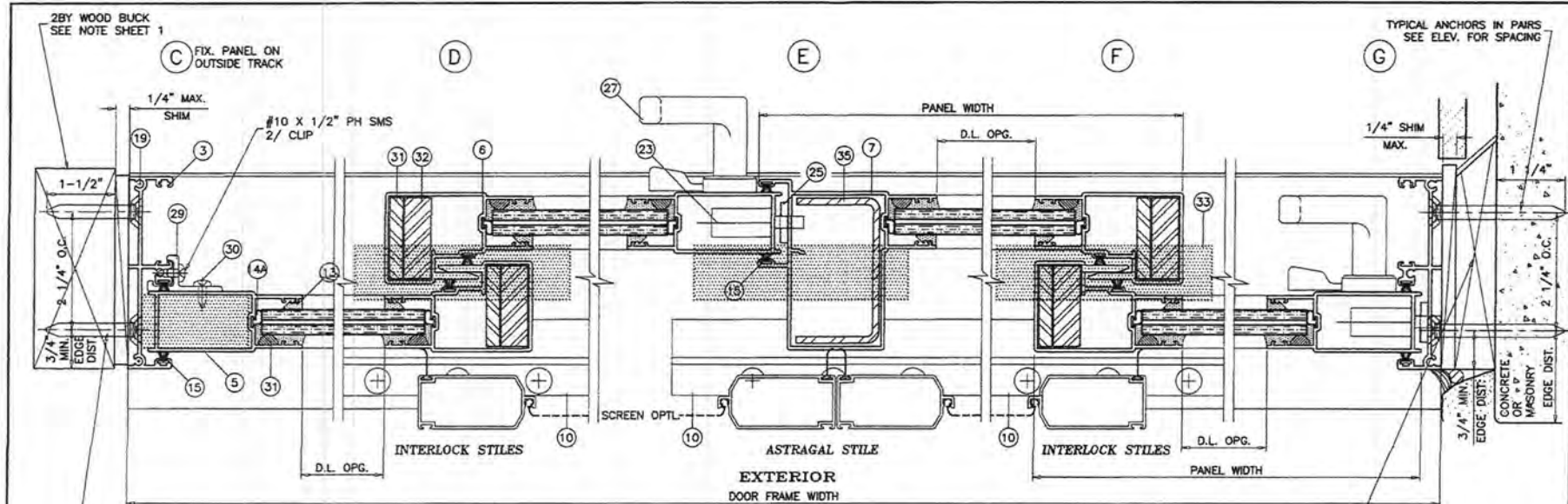
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:	by	description
no	date	
L	07/31/15	GENERAL REV.
M	10/20/15	REV PER RER COMMENTS
N	11/04/16	EDITORIAL CHANGES
O	09/05/17	UPDATED TO 2017 FBC

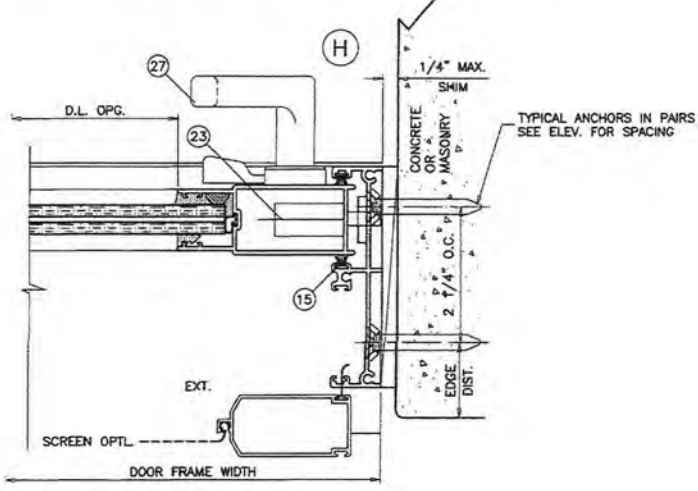
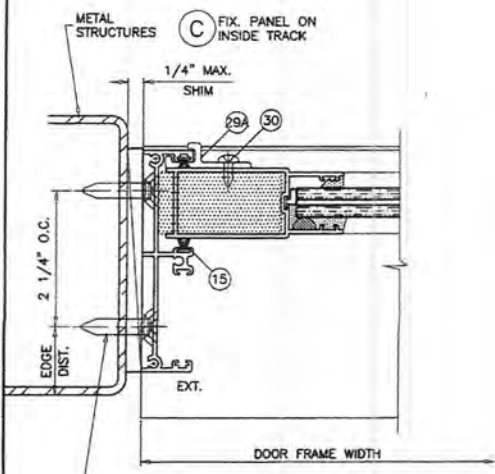
date: 11-08-03
 scale: 1/2" = 1"
 dr. by: FARIQ
 chk. by:

drawing no. **W03-100**
 sheet 4 of 7

COMP-ANL W03-100ES



**HEAVY REINFORCING
AT EXTERIOR/INTERIOR INTERLOCK & ASTRAGAL STILES**



PRODUCT REVISION as complying with the Florida Building Code
 Acceptance No. 18-0905-06
 Expiration Date 3/18/24
 By *King J. Ahmad*
 Manufacturer Product Control

PRODUCT REVISION as complying with the Florida Building Code
 Acceptance No. 17-0505-05
 Expiration Date 3/18/19
 By *King J. Ahmad*
 Manufacturer Product Control



afc
AL-FAROQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-8978
 COMP-ANL W03-1005

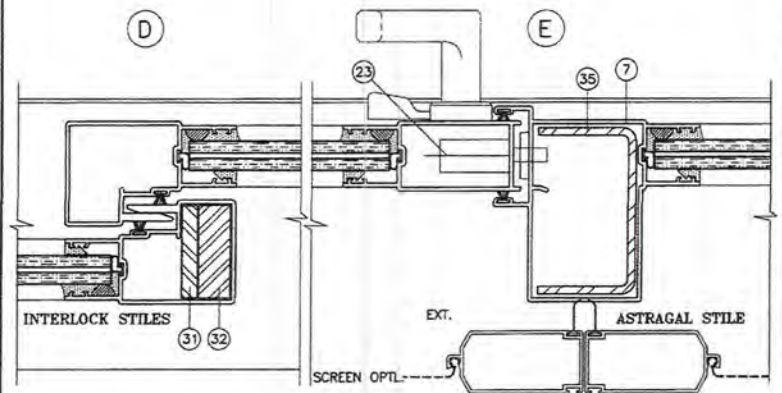
SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

NO.	DATE	BY	DESCRIPTION
L	07.31.15		GENERAL REV.
M	10.20.15		REV. PER RFR COMMENTS
N	11.04.16		EDITORIAL CHANGES
O	09.05.17		NO CHANGE THIS SHEET

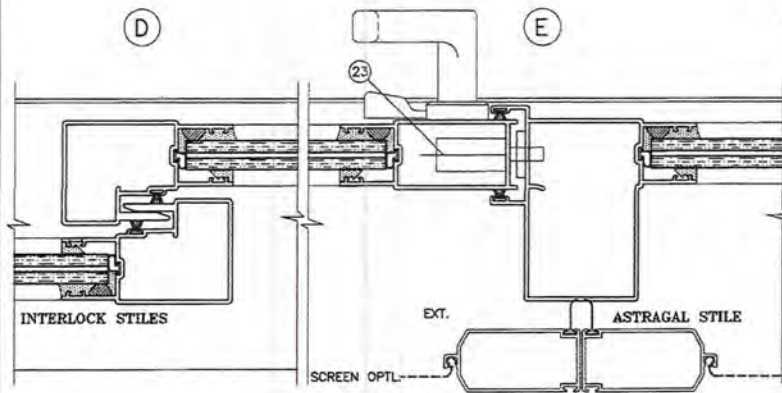
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dr. by: JAF8Q	chk. by:

drawing no.
W03-100
 sheet 5 of 7

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ES-4001-1	1	FRAME HEAD	6063-T6	-
2	ES-4002-1	1	STD. FRAME SILL	6063-T6	-
2A	-	1	HI-RISE FRAME SILL	6063-T6	-
3	ES-4003-1	1	FRAME JAMB	6063-T6	-
4	ES-4004-1	2/ PANEL	TOP AND BOTTOM RAIL	6063-T6	-
5	ES-4005-1	AS REQD.	LOCK STILE	6063-T6	-
6	ES-4006-1	AS REQD.	INTERLOCK	6063-T6	-
7	ES-4007-1	AS REQD.	FEMALE ASTRAGAL	6063-T6	-
8	ES-4008	AS REQD.	TOP & BOTTOM RAIL STIFFENER	6063-T6	-
9	ES-4009	2/ PANEL	PANEL GUIDE (TOP ONLY)	CELCON	NOT SHOWN
10	ES-4010	2/ PANEL	RETAINER CLIP, 6" LONG	6063-T6	-
13	27-445	AS REQD.	GLAZING WEDGE GASKET	EPDM	DUROMETER 75±5 SHORE A, SOLUCIONESENCAUCHO
14	27-448	AS REQD.	BOTTOM RAIL GLASS STOP	EPDM	DUROMETER 68±5 SHORE A, SOLUCIONESENCAUCHO
14A	27-449	AS REQD.	TOP RAIL & STILES GLASS STOP	EPDM	DUROMETER 75±5 SHORE A, SOLUCIONESENCAUCHO
15	W23241NK	AS REQD.	STILE & JAMB W'STRIPPING	-	GLASS PANELS, ULTRAFAB
16	Q26647DK	AS REQD.	TOP RAIL W'STRIPPING	-	GLASS PANELS, ULTRAFAB
17	ES-4015	AS REQD.	BOTTOM RAIL W'STRIPPING	VINYL	GLASS PANELS
19	#10X1-1/4" PH SMS	8/ PANEL	PANEL ASSY SCREWS	-	GLASS PANELS
19A	#10X1" FH SMS	2/ CORNER	FRAME ASSY SCREWS	-	-
20	GTT-26/13-02A	2/ MOV. PANEL	TANDEM ACETAL WHEELS IN METALLIC HOUSING	-	PABOSA
20A	AR06BSS-IS/4	2/ MOV. PANEL	TANDEM ST. STEEL WHEELS IN METALLIC HOUSING	-	BSI
21	#10X1-1/4" PH SMS	1/ ROLLER	ROLLER INST. SCREWS	-	GLASS PANELS ONLY
23	2300-10SS	1/ MOV. PANEL	3 PLY METALLIC HOOK LOCK	ST. STEEL	-
24	-	2/ LOCK	LOCK INSTALLATION SCREW	-	#6-32 X 1/2" FH MS, ST. STEEL
25	537	1/ LOCK	LOCK STRIKE PLATE	PLATED STEEL	-
26	#10 PH SMS	2/ LOCK	STRIKE PLATE MOUNT. SCREW	-	NOT SHOWN
27	#623Z	1/ LOCK	INTERIOR AND EXTERIOR PULL	-	(3) #6-32 X 1/2" FH MS, ST. STEEL
28	ES4028	AS REQD.	SILL RISER	6063-T5	-
29	ES-4017	2/ PANEL	FIXED PANEL CLIP (OUTSIDE PANEL)	6063-T5	-
29A	ES-4020	2/ PANEL	FIXED PANEL CLIP (INSIDE PANEL)	6063-T5	FOR OXO DOORS
30	#10X1/2" PH SMS	2/ CLIP	FIXED PANEL CLIP FASTENER	-	-
31	-	AS REQD.	1/4" X 1-1/2" REINFORCING BAR	36 KSI STEEL	LENGTH = PANEL HT. - 6.5"
32	-	AS REQD.	1/2" X 1-1/2" REINFORCING BAR	36 KSI STEEL	LENGTH = PANEL HT. - 6.5"
33	P38024FK	AS REQD.	3" LONG SELF ADHESIVE PILE PAD	WOOL	AT HEAD AND SILL
34	-	2/ SIDE	BUMPON	NEOPRENE	-
35	-	AS REQD.	ASTRAGAL REINFORCING	36 KSI STEEL	LENGTH = PANEL HT. - 14"



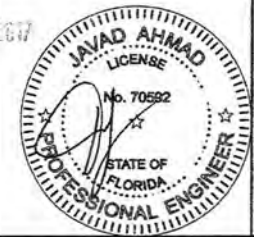
MEDIUM REINFORCING
AT EXT. INTERLOCK & ASTRAGAL STILES



NO REINFORCING

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0985-06
Expiration Date 3/18/24
By: [Signature]
Glass Door Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-0505-05
Expiration Date 3/18/19
By: [Signature]
Glass Door Product Control

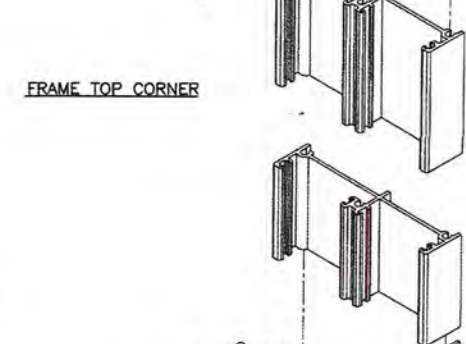
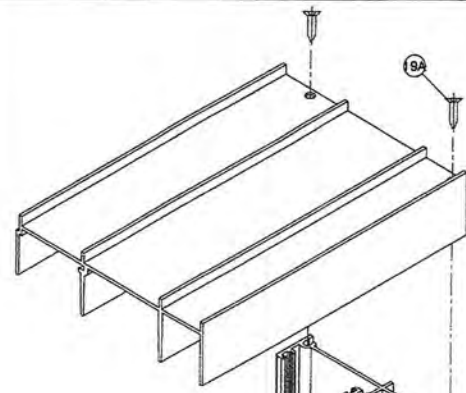
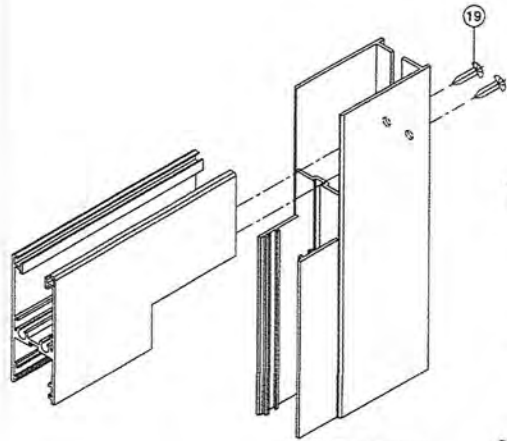
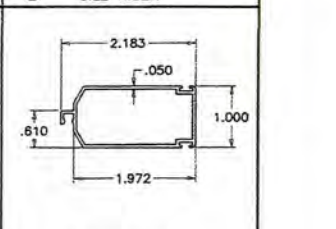
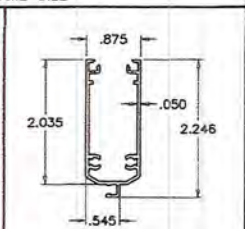
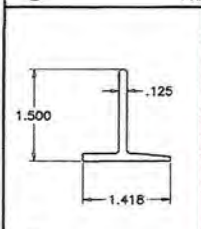
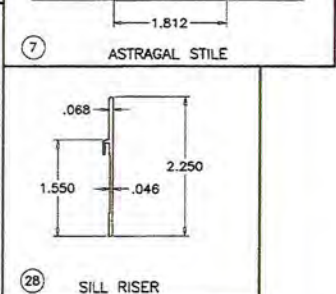
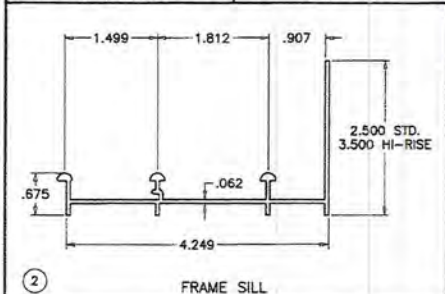
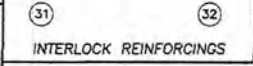
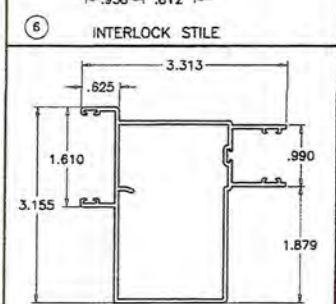
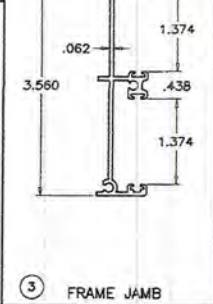
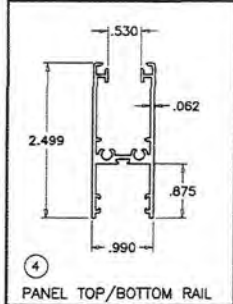
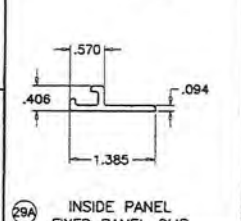
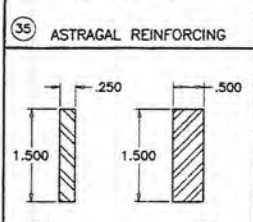
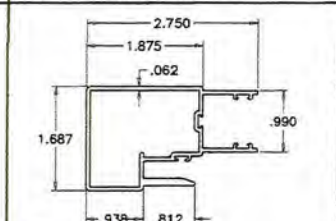
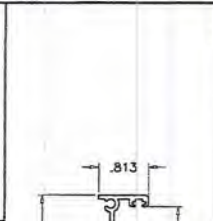
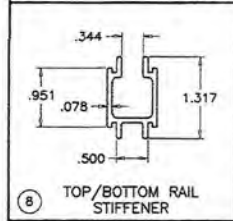
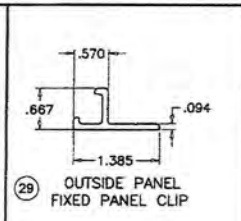
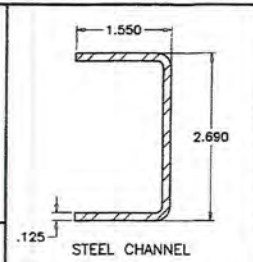
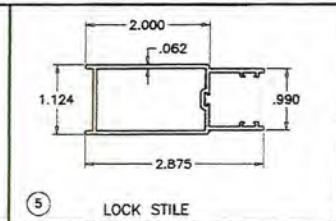
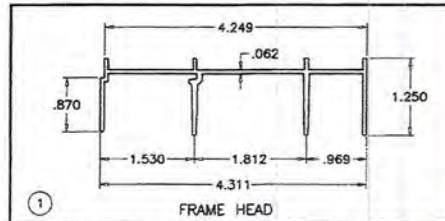


af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3658)
TEL (305) 264-8300 FAX (305) 262-8978
COMP-ANL W03-100ES

SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL (305) 638-5151 FAX (305) 638-5158

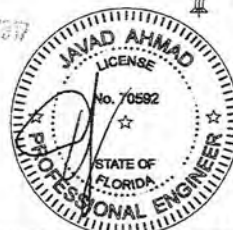
NO	DATE	DESCRIPTION
L	07-31-15	GENERAL REV.
M	10-20-15	REV. PER PER COMMENTS
N	11-04-16	EDITORIAL CHANGES
O	09-05-17	NO CHANGE THIS SHEET

date: 11-08-03
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:
drawing no. **W03-100**
sheet 6 of 7



PRODUCT REVIEWED as complying with the Florida Building Code
 Acceptance No. 18-0905-06
 Expiration Date 3/18/2024
 By: Ishaq I. Ahmad
 Miami Door Product Control

PRODUCT REVIEWED as complying with the Florida Building Code
 Acceptance No. 17-0805-05
 Expiration Date 02/18/2019
 By: Ishaq I. Ahmad
 Miami Door Product Control



af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9380 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3638)
 TEL. (305) 264-8100 FAX. (305) 262-8978
 COMP-ANL W03-100CS

SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)
E.S. WINDOWS, LLC
 3850 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

no.	date	by	description
L	07/31/15		GENERAL REV.
M	10/20/15		NO CHANGE THIS SHEET
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O	09/05/17		NO CHANGE THIS SHEET

date: 11-08-03
 scale: 1/2" = 1"
 dr. by: FAROQ
 chk. by:

drawing no.
W03-100
 sheet 7 of 7

NOTHARD HOUSE RENOVATION

215 SW 14TH WAY,
FORT LAUDERDALE, FL 33312
INTERIOR RENOVATION 1256 SQ.FT

DRAWING INDEX

SHEET NO.	SHEET NAME	DISCIPLINE
G-000	COVER	ARCH
G-001	ABBREVIATION & DATA	ARCH
G-002	GENERAL NOTES & SPECIFICATION	ARCH
G-003	GENERAL NOTES & SPECIFICATION	ARCH
G-005	EXISTING PORTION OF BUILDING FOR RENOVATIONS	ARCH
G-006	ZONING AND FUTURE LAND USE MAP	ARCH
V-001	SURVEY & VICINITY LOCATION MAP	ARCH
ASP-102	SITE PLAN - PROPOSED PLAN	ARCH
AD-101	1ST FLOOR DEMOLITION PLAN	ARCH
AD-102	2ND FLOOR DEMOLITION PLAN	ARCH
A-101	1ST FLOOR CONSTRUCTION PLAN	ARCH
A-102	2ND FLOOR CONSTRUCTION PLAN	ARCH
A-203	FACADE ELEVATION	ARCH
A-204	FACADE ELEVATIONS	ARCH
A-500	DOOR SCHEDULE & WALL TYPE & LEGEND	ARCH
A-501	DETAIL	ARCH

PROJECT

**NOTHARD HOUSE
RENOVATION**

215 SW 14TH WAY,
FORT LAUDERDALE, FL 33312

CLIENT

KIM NOTHARD

215 SW 14TH WAY,
FORT LAUDERDALE, FL 33312

DESIGNER

GLAVOVIC STUDIO

724 NE 3RD AVENUE
FT. LAUDERDALE FL 33304
T 854-524-5728 F 854-524-5729

CONSULTANTS

MEPF ENGINEER
DELTA G CONSULTING ENGINEERS, Inc.
707 NE 3rd AVENUE, SUITE 200
FORT LAUDERDALE, FL 33304
www.deltag.net
P 854 527 1112

REGISTRATION

PROFESSIONAL OF RECORD:
DISCIPLINE:
REGISTRATION NO.:

TERENCE O'CONNOR

ISSUE

MARK DATE DESCRIPTION

PROJECT NO: 1814

DRAWN BY: Author

CHECK BY:

KEYPLAN



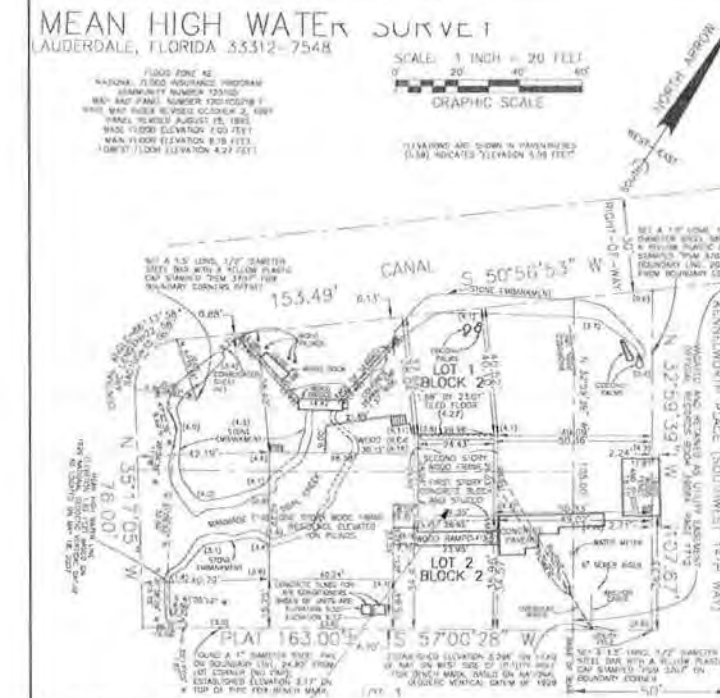
SHEET TITLE / SHEET NUMBER

COVER

G-000

- ZONING DATA SHEET

ITEM #	ZONING INFORMATION	
1	ADDRESS:	215 SW 14TH WAY
2	FOLIO NUMBER:	504203020510
3	BOARD AND FILE NUMBR:	
4	PARCEL ID NUMBER:	504209170020
5	USE CODE:	01 - SINGLE FAMILY
6	YEAR BUILT:	1989
7	BASE FLOOD ELEVATION:	7.00 FEET
8	ADJUSTED GRADE (FLOOD + GRADE/2)	5.125 FEET
9	LOT AREA:	633 SF (100 %)
10	OLD FLOOD ZONE	AE
11	OLD NGVD 29 ELEVATION	7
12	OLD FLOOD PANEL	12011C01218 F
13	NEW FLOOD ZONE	AH
14	NEW NAVD 88 ELEVATION	4
15	NEW FLOOD PANEL	12011C0556H
16	1ST LEVEL ELEVATION (NGVD)	8.19 FEET (CURRENT)
17	LOWEST LEVEL ELEVATION (NGVD)	4.27 FEET
18	1ST LEVEL ELEVATION	8.19 FEET
19	LOWEST LEVEL ELEVATION (NAVD) GARAGE FLOOR UNDER REQUIRED ELEVATION	2.689 FEET
	* ALL ELECTRICAL TO BE ABOVE	4.27 FEET



LOCATION MAP

AREA OF WORK:
215 SW 14TH WAY,
FORT LAUDERDALE, FL 33312

ABBREVIATIONS

<ul style="list-style-type: none"> ▲ AND ▲ AT ▲ ANGLE A/C AIR CONDITIONER / CONDITIONING ABV ABOVE ACCS ACCESSORIES ACSDR ACCESS DOOR ACSLR ACCESS FLOOR ACST / ACCUS ACOUSTICAL ACT ACOUSTICAL CEILING TILE AD AREA DRAIN ADA AMERICANS WITH DISABILITIES ACT ADDL ADDITIONAL ADDM ADDENDUM ADJ ADJUSTABLE / ADJACENT ADMIN ADMINISTRATION AFG ABOVE FINISHED COUNTER AFF ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE AFS ABOVE FINISHED SLAB AGGR AGGREGATE AHR ANCHOR AHJ AIR HANDLING UNIT AL / ALUM ALUMINUM ALUMT ALUMINUM T ALT ALTERNATE ANOD ANODIZED AP ACCESS PANEL APC ACOUSTICAL PANEL CEILING APPROX APPROXIMATELY APRVD APPROVED ARCH ARCHITECT (URAL) ASPH ASPHALT ASTM AMERICAN SOCIETY FOR TESTING MATERIALS AUTO AUTOMATIC AVG AVERAGE BD BOARD BET BETWEEN BG BUMPER GUARD BITUM BITUMINOUS BL BLACK BLDG BUILDING BLK BLOCK BLKG BLOCKING BM BEAM BMS BALANCE MAGNETIC SWITCH BOS BOTTOM OF STEEL BOT BOTTOM BS BOTH SIDES CAB CABINET CAS CASEWORK CB CATCH BASIN CEM CEMENT CER CERAMIC CF CUBIC FOOT CG CORNER GUARD CH CEILING HEIGHT CHAM CHAMFER CHBD CHALKBOARD CI CAST IRON CI CONTRACTOR INSTALLED CIPI CAST IN PLACE CJ CONTROL JOINT CL CENTER LINE CLG CEILING CLG CLOSET CLR CLEAR CLM CONCRETE MASONRY LIMIT CLN CLEAN/LEAN OUT COL COLUMN CONC CONCRETE CONST CONSTRUCTION CONT CONTINUOUS CORR CORRIDOR CPR COPPER CPT CARPETED/BINDING CT CERAMIC TILE CTR COUNTER DBL DOUBLE DEFS DIRECT APPLIED EXTERIOR FINISH SYSTEM DEG DEGREE DEMO DEMOLISH DEP DEPRESSION DET DETAIL DF DRINKING FOUNTAIN DIAM DIAMETER DIA DIAGONAL DIM DIMENSION DISP DISPENSER DIV DIVISION DN DOWN DR DOOR DS DOWNSPOUT DWG DRAWING E EAST EA EACH EF EACH FREE EFS EXTERIOR INSULATION AND FINISH SYSTEM EJ EXPANSION JOINT EL ELEVATION ELEC ELECTRICAL ELEV ELEVATOR EMER EMERGENCY ENCL ENCLOSED / ENCLOSURE ENG ENGINEER EOB EDGE OF DECK EOS EDGE OF SLAB EQ EQUALLY EQPT EQUIPMENT EST ESTIMATE 	<ul style="list-style-type: none"> EWC ELECTRIC WATER COOLER EXIST EXISTING EXP EXPANSION EXT EXTERIOR FA FIRE ALARM FAST FASTENER FDD FLOOR CLEAN CUT FD FLOOR DRAIN FDN FOUNDATION FE FIRE EXTINGUISHER FEC FIRE EXTINGUISHER CABINET FEC (R) FIRE EXTINGUISHER CABINET, RECESSED FEG (R) FIRE EXTINGUISHER CABINET, SEMI-RECESSED FEW FIRE EXTINGUISHER, WALL MOUNTED FF FINISHED FLOOR FGL FIBERGLASS FIN FINISHED FIT FITTING FL FLOOR FLSH FLASHING FLOR FLOURESCENT FOD FACE OF CONCRETE FOD FACE OF FINISH FOM FACE OF MASONRY FOS FACE OF STUDS FWW FACE OF WALL FF FIREPROOF FFL FIREPLACE FR FRAME FRC FIBER REINFORCED CONCRETE FROP FIBER REINFORCED GYPSUM PLASTER FRT FIRE RETARDANT TREATED FS FLOOR SINK FTG FOOTING FURR FURRING FUT FUTURE GA GAUGE GALV GALVANIZED GB GRAB BAR GC GENERAL CONTRACTOR GL GLASS / GLAZING GRD GROUND GR GRACE GRV GRAVEL GT GLASS TILE GYP GYPSUM GYP (B) GYPSUM BOARD HC HOUSE HC HOLLOW CORE HCP HANGING HD HEAVY DUTY HO HARD HR HEADER HWR HARDWARE IB IRON IM hollow METAL IMR hollow METAL INSULATED HOR / HORIZ HORIZONTAL HP HIGH POINT HR HANDRAIL HR HOUR HT HEIGHT HWAC HEATING / VENTILATION / AIR CONDITIONING HW HARDWARE HYD HYDRANT ID INSIDE DIAMETER IN INCH / INCHES INCL INCLUDES / INCLUDES INSUL INSULATE / INSULATION INT INTERIOR JAN JANITOR JT JOINT KIT KITCHEN LAB LABORATORY LAM LAMINATED LAV LAVATORY LB(S) POUNDS LF LINEAR FOOT (FEET) LH LEFT HAND LIB LIBRARY LJR LOCKER LNS UNOLEUM SHEET LNT UNOLEUM TILE LP LOW POINT LT LIGHT LVR LOUVER LWT LIGHT WEIGHT MACH MACHINE MANT MAINTENANCE MATL MATERIAL MAX MAXIMUM MC MECHANICAL CABINET ME MECHANICAL EQUIPMENT MECH MECHANICAL MEZZ MEZZANINE MFR MANUFACTURER MH MANHOLE MIN MINIMUM MR MIRROR MSC MISCELLANEOUS M/D / M/DG MOLDING MO MASONRY OPENING MR MOISTURE RESISTANT MTO MOUNTED MTL METAL MUL MULLEN N NORTH N/A OR N/A NOT AVAILABLE / AFFIXABLE NFA NATIONAL FIRE PROTECTION ASSOCIATION NIC NOT IN CONTRACT NO / # NUMBER NOM NOMINAL NTS NOT TO SCALE OA OVERALL OBS OBSCURE OC ON CENTER OD OUTSIDE DIAMETER OCF OWNER FURNISHED CONTRACTOR INSTALLED OFF OFFICE OP / OPNG OPENING OPP OPPOSITE OZ OUNCE PART PARTIAL PAT PATTERN PBD PARTICLE BOARD PC / PCC PRECAST CONCRETE PER PERIMETER PERF PERFORATED PERP PERPENDICULAR PF PRE-FINISHED PIP POURED-IN-PLACE PL PROPERTY LINE PL PLATE PLAM PLASTIC LAMINATE PLAS PLASTER PLYWOOD PLYWOOD PMF PRESSED METAL FRAMES POP POINT OF PRESENCE PR PART PRCST PRE-CAST PRFAB PREFABRICATED PROP PROPERTY PRP PORCELAIN TILE PSF POUNDS PER SQUARE FOOT PSI POUNDS PER SQUARE INCH PT POINT PTD PAPER TOWEL DISPENSER PTDWR PAPER TOWEL DISPENSER & WASTE RECEPTACLE PTUF PRESSURE TREATED DOUGLAS FIR PTN PARTITION PTR PAPER TOWEL RECEPTACLE PVC POLYVINYL CHLORIDE Q QUARTZ QT QUARRY TILE QTY QUANTITY R RISER RAD RADIS RB RUBBER BASE RCP REFLECTED CEILING PLAN RO ROOF DRAIN REF REFERENCE REFR REFRIGERATOR REG REGISTER REIN REINFORCED REQ REQUIRED RESL RESILIENT RESS RESILIENT SHEET RESR RESILIENT TILE RET RETAINING REV REVERSE / REVISION RFG ROOFING S SOUTH SC SOLID CORE SCD SEAT COVER DISPENSER SCHED SCHEDULE SCN SCREEN SCR SCREEN SD SOAP DISPENSER / STORM DRAIN SCG SEALED CONCRETE SECT SECTION SF SQUARE FEET SH SHEET SHG SHEATHING SHR SHOWER SM SIMILAR SND SANITARY NAPYIN DISPENSER SBR SANITARY NAPYIN RECEPTACLE SOB SLAB ON GRADE SPEC SPECIFY / SPECIFICATION SPK SPREADER SQ SQUARE SQT SQUARE FEET SOB SQUARE INCHES SS STAINLESS STEEL ST STONE STA STATION STC STAINED CONCRETE STD STANDARD STDS STUDS STFF STIFFENER STL STEEL STN STAINED STR STORAGE STRUCT STRUCTURE / STRUCTURAL SUSP SUSPENDED SW SWITCH SYM SYMMETRICAL SYN SYNTHETIC SYN SYSTEM TAB TOP AND BOTTOM T&G TONGUE AND GROOVE TB TOWEL BAR TBD TO BE DETERMINED TG TOP OF CURB TEL TELEPHONE TEMP TEMPORARY / TEMPERATURE TER TERRAZZO THK THICK THRU THROUGH TCC TOP OF CONCRETE TOS TOP OF SLAB TOW TOP OF WALL TRD TRAY PAPER DISPENSER TPTN TOILET PARTITION TV TELEVISION TYP TYPICAL UG UNDERCUT US UNDERCUT UL UNDERWRITERS LABORATORY UNF / UNFIN UNFINISHED UNL UNLESS OTHERWISE NOTED UPS UNINTERRUPTIBLE POWER SUPPLY UR URINAL V VOLT VAC VACUUM VB VAPOR BARRIER VCT VINYL COMPOSITION TILE VENT VENTILATE VERT VERTICAL VEST VESTIBULE VF VERIFY IN FIELD VNR VENEER VOL VOLUME VST VINYL STAIR TREADS VSTR VINYL STAIR TREADS & RISERS VT VINYL TILE VTR VENT THRU ROOF WDC VINYL WALLCOVERING W WEST W WITH W/O WITHOUT WC WATER CLOSET WCW WALLCOVERING WG WOOD WF WADE FLANGE WG WIRE GLASS WH WALL HOSE / HYDRANT WI WROUGHT IRON WIN WINDOW WR WORK WNSCT WANSOCT WP WATERPROOFING WPT WORK POINT WR WATER RESISTANT WRW WOOD RISER WT WEIGHT YD YARD
---	--

JURISDICTION: CITY OF FORT LAUDERDALE

ADDRESS: 215 SW 14TH WAY
FOLIO NUMBER: 504209170020
PARCEL ID: 0209170020
BLOCK & LOT(S):

ZONING DESIGNATION: RS-8
ZONING DESCRIPTION: RS-8 RESIDENTIAL SINGLE FAMILY/ LOW MEDIUM DENSITY

GRADE VALUE IN NAVD (1ST FLOOR): 1969
YEAR BUILT: 7.00 FEET
BASE FLOOD ELEVATION: 5.125 FEET
ADJUSTED GRADE (FLOOD + GRADE/2) +5.14 N.A.V.D.
FIRST FLOOR ELEVATION:

SECOND FLOOR ELEV.:

ADJUSTED GRADE ELEV.: N/A. FLOOD GATES SHALL BE INSTALLED AT EVERY BUILDING ENTRY ON GRADE. SEE EMERGENCY FLOOD PLAN.

LOT AREA: 16,481 SF (100 %)
LOT WIDTH: 163'
LOT DEPTH: 107.65'
MAXIMUM LOT COVERAGE SF & %:

LOT COVERAGE SF & %:
EXISTING: 2,693.25 SF 16.34% (40% MAX)
PROPOSED: 2,693.25 SF 16.34%

LAND USE DESIGNATION: LOW-MEDIUM
FUTURE LAND USE DESIGNATION:

CURRENT USE OF PROPERTY: 01-SINGLE FAMILY
FLOOD ZONE: AE/AH

ABBR. LEGAL DESCRIPTION: NORTH LAUDERDALE AMENDED 1-182 D LOTS 9 & 10 LESS E 10 THEREOF & TOGETHER WITH POR OF E 1/2 OF VAC ALLEY LYING W & ADJ TO SAID LOTS BLK 4

SETBACKS REQUIRED:
FRONT SETBACK REQUIRED: 25'-0" MAX.
SIDE SETBACK: 25'-0" MIN. (WATER WAY)
REAR SETBACK: 5'-0" MIN.
REAR SETBACK: 25'-0" MIN. (WATER WAY)

SETBACKS EXISTING:
FRONT YARD SETBACK: 48' - 0"
SIDE YARD SETBACK (EAST): 37' - 3"
SIDE YARD SETBACK (WEST): 15' - 7"
REAR YARD SETBACK: 40' - 9"

PROJECT

**NOTHARD HOUSE
 RENOVATION**

215 SW 14TH WAY,
 FORT LAUDERDALE, FL 33312

CLIENT

KIM NOTHARD

215 SW 14TH WAY,
 FORT LAUDERDALE, FL 33312

DESIGNER

GLAVOVIC STUDIO
 724 NE 3RD AVENUE
 FT. LAUDERDALE FL 33304
 T 954-524-5728 F 954-524-5729

CONSULTANTS

MEPF ENGINEER
 DELTA G CONSULTING ENGINEERS, Inc.
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 FORT LAUDERDALE, FL 33304
 www.deltag.net
 P 954 527 1112

REGISTRATION

PROFESSIONAL OF RECORD:
 DISCIPLINE:
 REGISTRATION NO.:

TERENCE O' CONNOR

ISSUE

MARK	DATE	DESCRIPTION

PROJECT NO.: 1814
DRAWN BY: Author
CHECK BY: Checker

KEYPLAN



SHEET TITLE / SHEET NUMBER

**ABBREVIATION &
 DATA**

G-001

GENERAL NOTES & SPECIFICATIONS

THESE ARE GENERAL REQUIREMENTS, NOT ALL OF THE ITEMS MAY APPLY TO THIS SPECIFIC JOB. CONTACT THE ARCHITECT IF THERE ARE ANY QUESTIONS OR INDISCREPANCIES BETWEEN THE OUTLINE AND THE SPECIFIC NOTES THROUGHOUT THESE CONSTRUCTION DOCUMENTS.

CONTINUED

LIGHT GAUGE STEEL FRAMING:

- A. ALL DESIGN, DETAILING, FABRICATION AND ERECTION OF LIGHT GAUGE METAL FRAMING SHALL BE IN ACCORDANCE WITH FBC, AMERICAN IRON AND STEEL INSTITUTE... SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS...

ALUMINUM DOORS/ STOREFRONT

- A. PROVIDE ARCH ALUMINUM GLASS CO. STOREFRONT & DOORS, OR EQUAL. B. SUBMIT PRODUCT DATA, SHOP DRAWINGS, AND ALUMINUM AND COLOR FINISH SAMPLES.

STEEL DOORS AND FRAMES:

- PART 1 GENERAL 1.1 SECTION INCLUDES: A. FIRE RATED AND NON-FIRE RATED STANDARD STEEL DOORS AND STEEL FRAMES AND STEEL WINDOW FRAMES AND ASSOCIATED ACCESSORIES...

- 1. PROVIDE SCHEDULE OF DOORS AND FRAMES USING SAME REFERENCE NUMBERS FOR DETAILS AND OPENINGS AS THOSE ON CONTRACT DRAWINGS. 2. INDICATE COORDINATION OF GLAZING FRAMES AND STOPS WITH GLASS AND GLAZING REQUIREMENTS.

PART 2 PRODUCTS

- 2.1 MANUFACTURERS A. MANUFACTURERS ARE ACCEPTED UPON CERTIFICATION THAT ALL REQUIREMENTS OF THIS SPECIFICATION ARE MET. 2.2 HOLLOW METAL DOORS AND TRANSOMS...

BUILDING AND ROOF INSULATION

- A. ROOF INSULATION: PARATHERM W/ PARATHERM H TAPERED POLYISO FOAM ROOF INSULATION AS MANUFACTURED BY Siplast OR APPROVED EQUIVALENT... BUILDING WALL INSULATION: EVERGUARD POLYISO INSULATION BOARD...

TRAFFIC BEARING WATERPROOF COATING SYSTEM

- A. PRODUCT DESCRIPTION: VULKEM 350/351 SLIP RESISTANT PEDESTRIAN WATERPROOFING SYSTEM AS MANUFACTURED BY TREMCO OR APPROVED EQUIVALENT.

STOREFRONT AND CURTAINWALL SYSTEMS

- A. PRODUCT DESCRIPTION: 1. CURTAINWALL AND WINDOW SYSTEMS BASIS OF DESIGN SHALL BE YKK-WHC 300/05 LARGE SMALL MISSILE PREGULATED AND LIFTED PRESSURE PLATE GLAZING...

LAMINATE GLAZ CABINETS:

- A. QUALITY STANDARD: COMPLY WITH AWI SECTION 400 AND ITS DIVISION 400B LAMINATE GLAZ CABINETS. B. GRADE: CUSTOM. C. AWI TYPE OF CABINET CONSTRUCTION: FLUSH OVERLAY.

ARCHITECTURAL CABINET TOPS (COUNTERTOPS):

- A. QUALITY STANDARD: COMPLY WITH AWI SECTION 400C. 1. EDGE TREATMENT: SAME AS LAMINATE CLADDING ON HORIZONTAL SURFACES...

FIRE STOPPING PERFORMANCE REQUIREMENTS:

- A. GENERAL: PROVIDE A COMPLETE FIRESTOPPING SYSTEMS THAT ARE PRODUCED AND INSTALLED TO RESIST THE SPREAD OF FIRE, ACCORDING TO REQUIREMENTS INDICATED...

CERAMIC TILE:

- A. FURNISH AND INSTALL CERAMIC TILE WHERE SCHEDULED, INCLUDING ALL ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION... C. TYPES OF MORTARS USED: 1. EXTERIOR: MORTAR MODIFIED WITH LATEX ADDITIVE...

TOILET ACCESSORIES:

- A. PROVIDE ALL TOILET ACCESSORIES AS SHOWN BELOW IN STAINLESS STEEL (ANSI TYPE 302/304) WITH POLISHED #4 FINISH...

ROOFING MEMBRANE SYSTEM - BASIS OF DESIGN - 4-PLY SBS MOD-BIT "SIPLAST" SYSTEM

- A. PRODUCT DESCRIPTION: PARADIENE 20 TG/03 OR FR TG TORCHABLE ROOF SYSTEM AS MANUFACTURED BY Siplast OR APPROVED EQUIVALENT... 2. ROOF MEMBRANE SHALL BE MIAMI-DADE COUNTY PRODUCT APPROVED AND SHALL MEET ALL DESIGN WIND PRESSURES INDICATED IN THE DRAWINGS.

- 3. FLASHING AND STRIPPING INSTALLATION: 1. INSTALL BASE FLASHING OVER GUTS AND OTHER SLOPING AND VERTICAL SURFACES, AT ROOF EDGES, AND AT PENETRATIONS THROUGH ROOF...

- D. COATING INSTALLATION: 1. ENSURE THAT ALL SURFACES ARE CLEAN, DRY AND FREE OF ANY DIRT, GREASE, OIL OR OTHER DEBRIS THAT MAY INTERFERE WITH PROPER ADHESION...

- F. PROTECTION AND CLEANING: 1. PROTECT ROOFING SYSTEM FROM DAMAGE AND WEAR DURING REMAINDER OF CONSTRUCTION PERIOD.

- D. FINISH: PROVIDE COVE BASE AND BULL NOSE TRIM TILES. MATCHING TILE SELECTION OR AS SELECTED BY ARCHITECT.

- B. INSTALL TOILET ACCESSORIES IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS, USING FASTENERS APPROPRIATE TO SUBSTRATE...

PROJECT

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CLIENT

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DESIGNER

GLAVOVIC STUDIO

724 NE 3RD AVENUE FT. LAUDERDALE FL 33304 T 954-524-5728 F 954-524-5729

CONSULTANTS

MEPF ENGINEER DELTA G CONSULTING ENGINEERS, Inc. 707 NE 3rd AVENUE, SUITE 200 FORT LAUDERDALE, FL 33304

REGISTRATION

PROFESSIONAL OF RECORD: DISCIPLINE: REGISTRATION NO.: TERENCE O'CONNOR

ISSUE

Table with columns for Mark, Date, and Description. The table is currently empty.

MARK DATE DESCRIPTION

PROJECT NO: 1814 DRAWN BY: Author CHECK BY: Checker

KEYPLAN



SHEET TITLE / SHEET NUMBER

GENERAL NOTES & SPECIFICATION

G-003



ASPHALT CUL-DE-SAC ROADWAY PHOTO

HOUSE LOCATION

PROJECT

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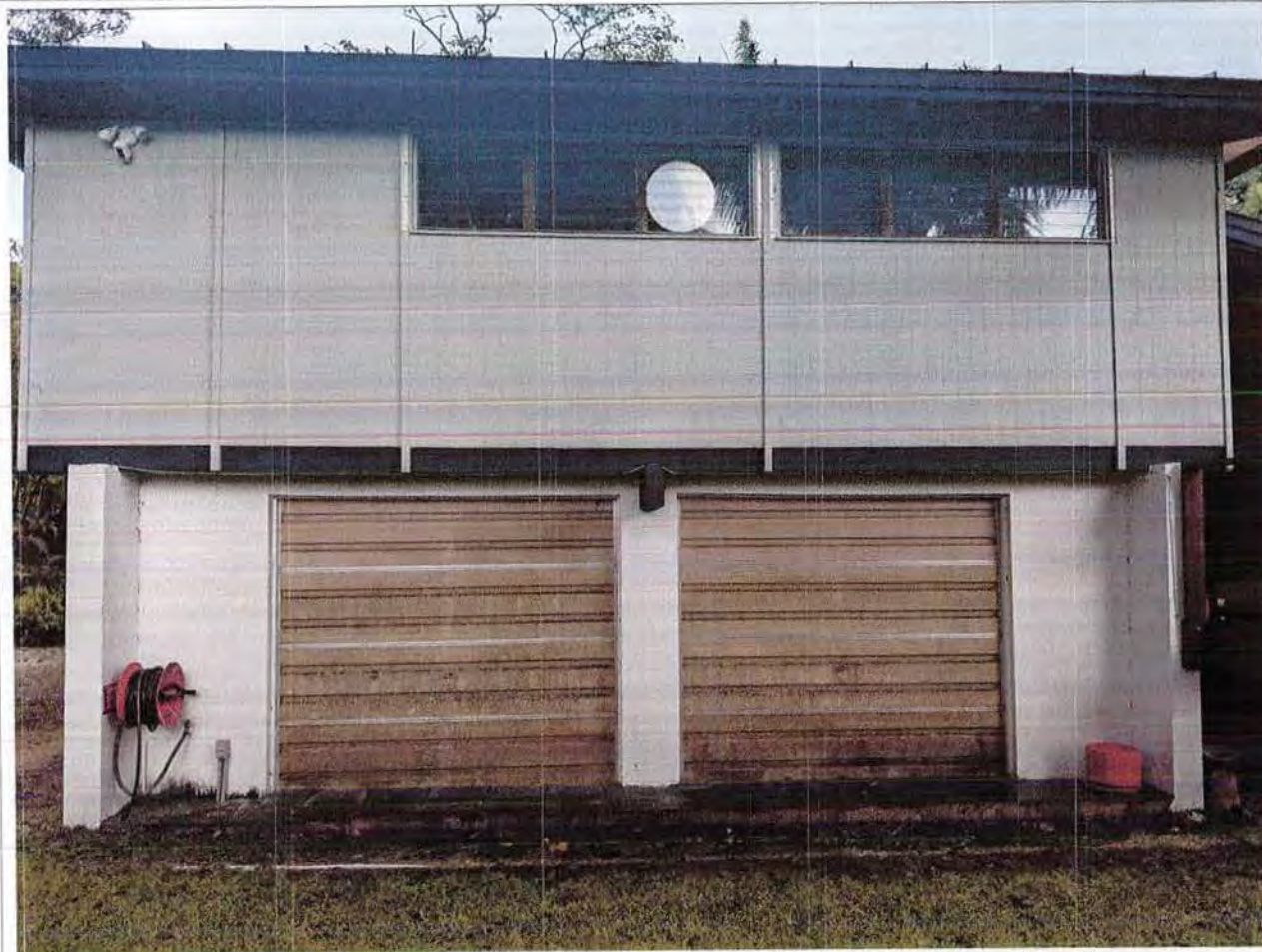
KEYPLAN



SHEET TITLE / SHEET NUMBER

**ASPHALT CUL-DE-SAC
ROADWAY**

G-004

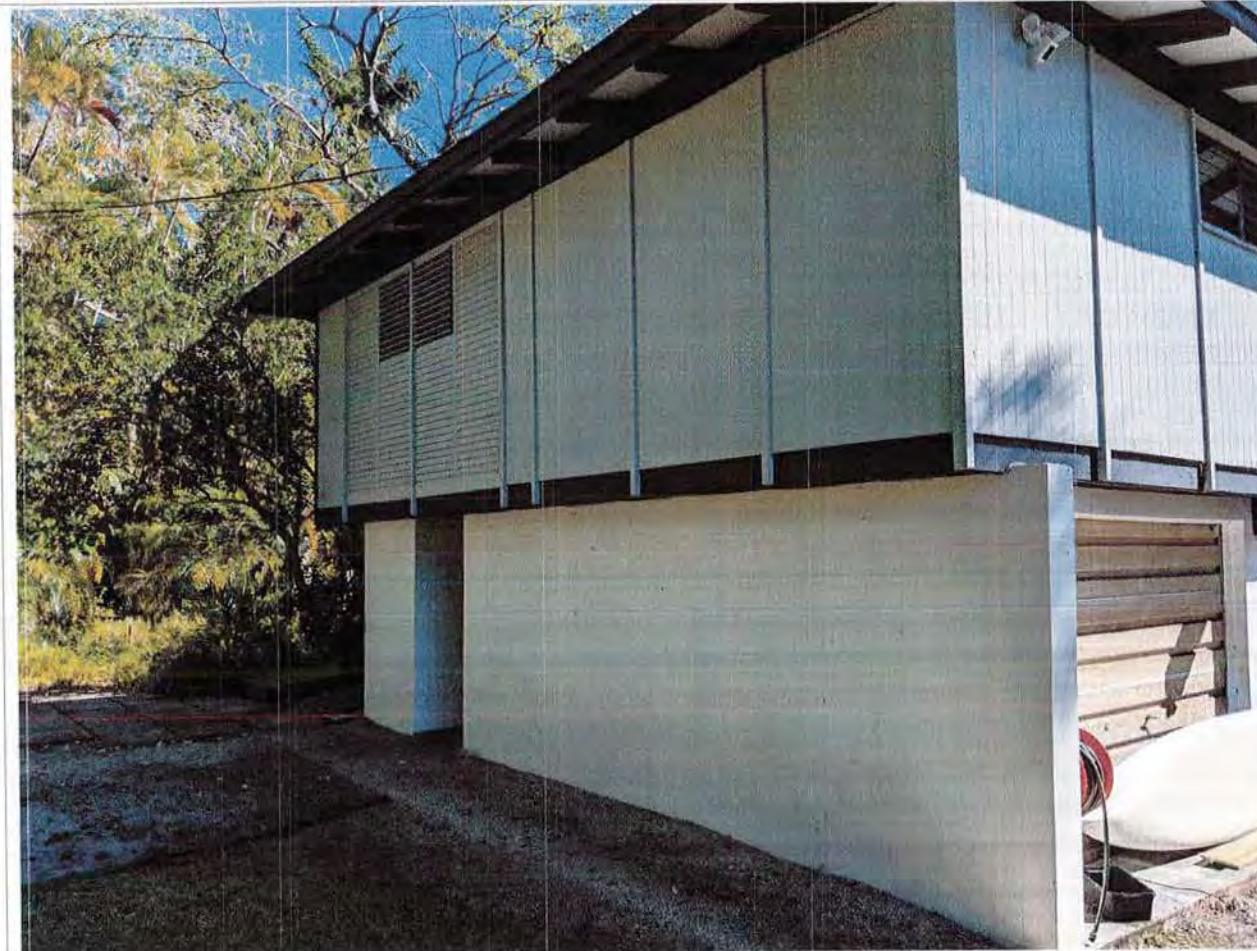


SIDE OF HOUSE, FACING NORTH (NORTH-WEST)

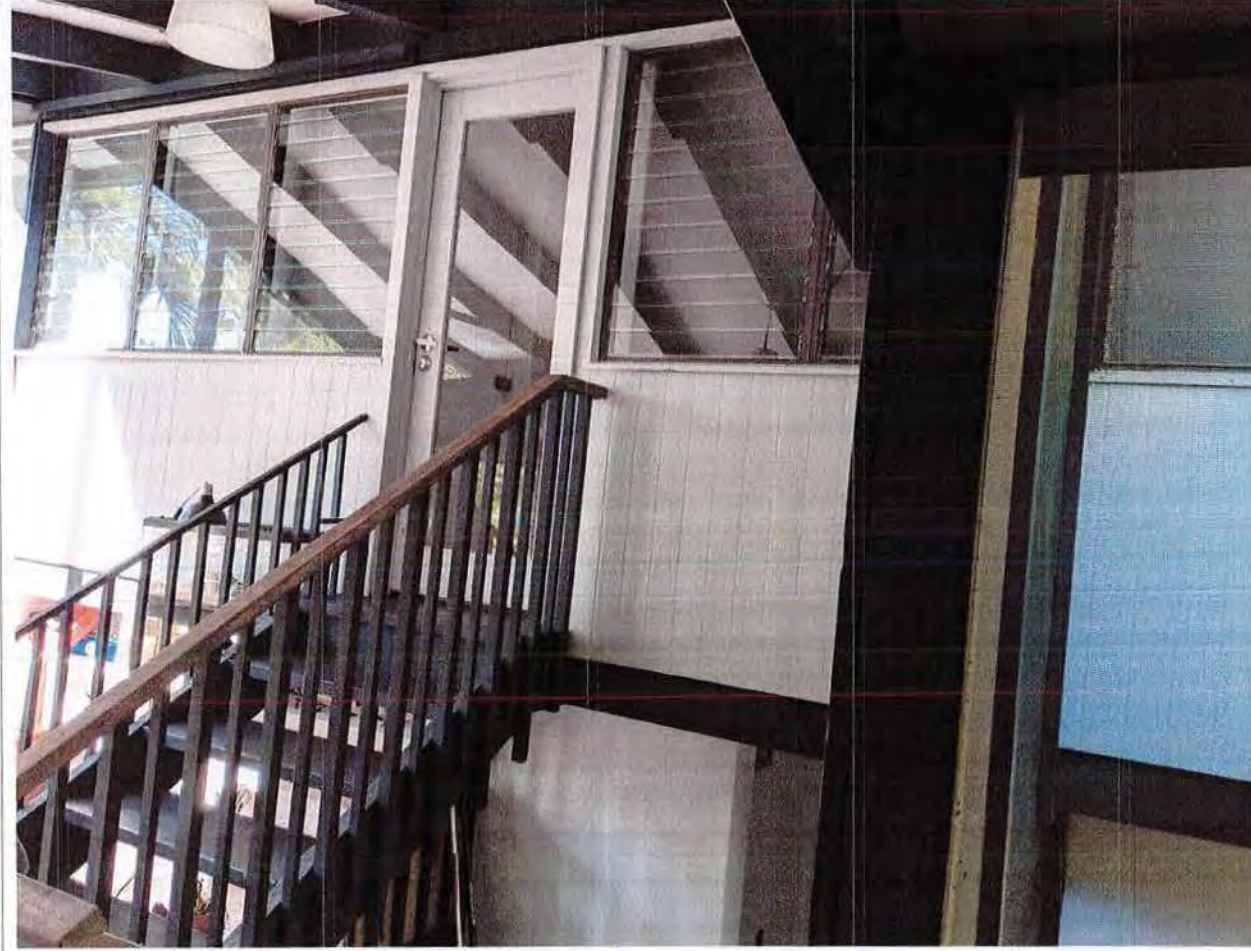
REMOVAL OF BOTH GARAGE DOORS. REPLACE LEFT GARAGE DOOR WITH NEW 3 PANEL SLIDING DOOR SYSTEM. INSTALL A FIXED PANEL WINDOW ON LEFT SIDE OF BEAM, LOCATED DIRECTLY TO THE RIGHT OF THE CENTER. INFILL REMAINING GARAGE DOOR OPENING AND MATCH EXISTING EXTERIOR CLAPBOARD FINISH.



SIDE OF HOUSE, FACING SOUTH



FRONT OF HOUSE, FACING EAST



FRONT OF HOUSE, FACING WEST

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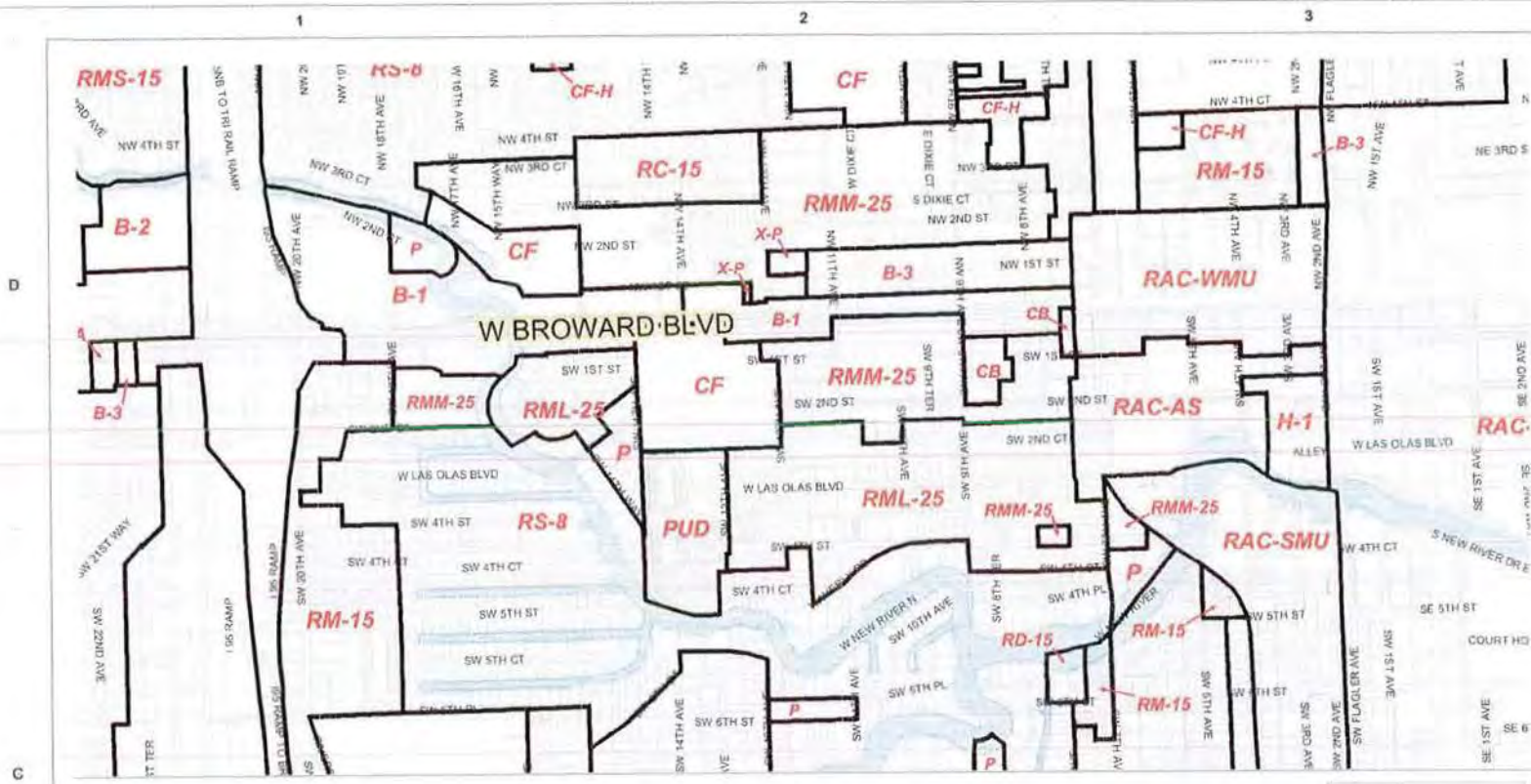
KEYPLAN



SHEET TITLE / SHEET NUMBER

EXISTING PORTION
OF BUILDING FOR
RENOVATIONS

G-005

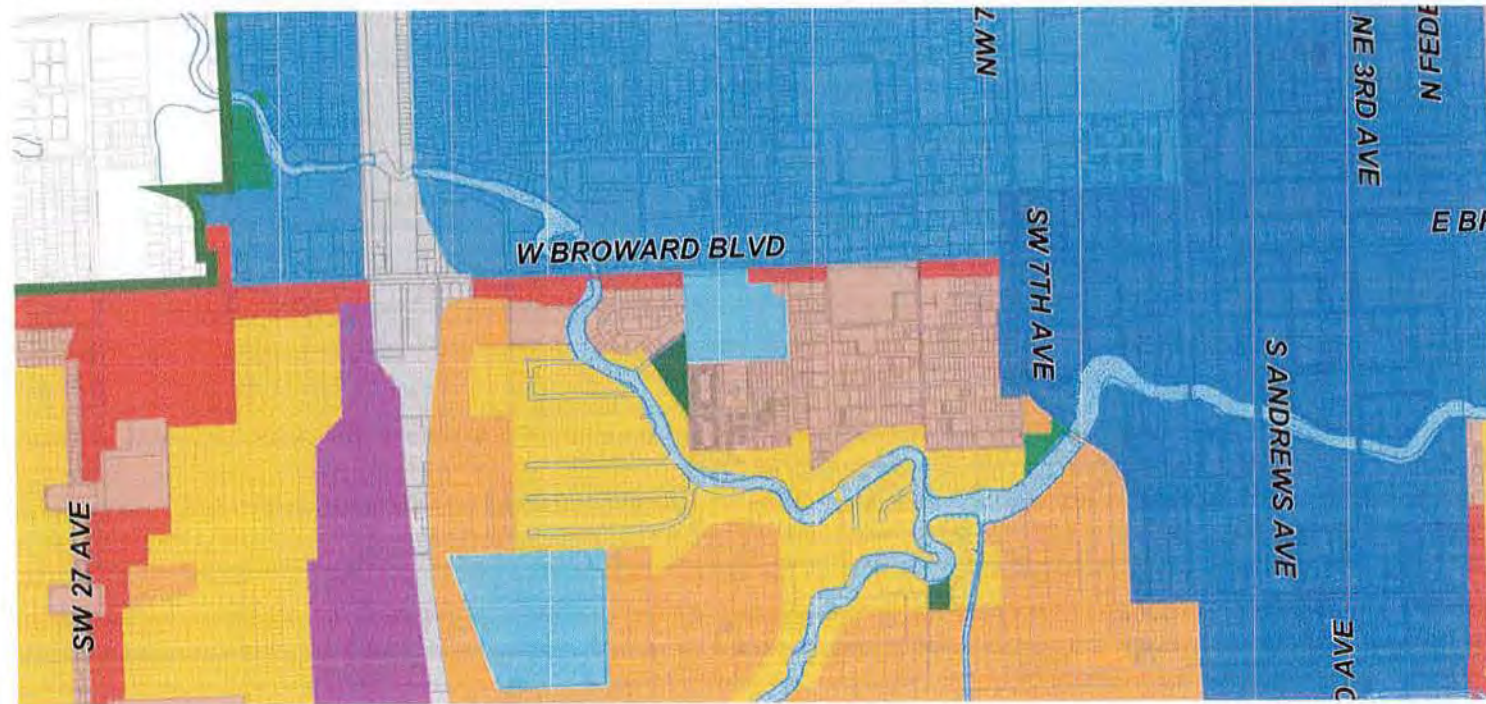


**OFFICIAL CITY OF FORT LAUDERDALE ZONING MAP
AS ADOPTED JUNE 17, 1997 AND AS AMENDED
AS OF FEBRUARY 5, 2019**



Map Legend
 Corporate Limits
 Zones**
 Zoning Designations
 Pending
**Broward County zoning designations are in effect in annexed areas until such time City zoning designations are applied.
 *Please see zoning ordinance for key to zoning designations in which an 'R' or 'S' indicates a pending zoning designation. Applicable regulations for zoning designations are included in the City's Unified Land Development Regulations (ULDR).

Document Path: J:\DSD\ZoningMap_15_RMI\ArcMap\PI_zones_36x48_2019.mxd



**CITY OF FORT LAUDERDALE
FUTURE LAND USE MAP
MARCH, 2018**

LEGEND
 WATER**
 UTILITIES
 COMMERCIAL
 COMMUNITY FACILITIES
 EMPLOYMENT CENTER
 OFFICE PARK
 INDUSTRIAL
 TRANSPORTATION
 IRREGULAR*
 LOW 4.4
 LOW-MEDIUM 8
 MEDIUM 15
 MEDIUM-HIGH 25
 HIGH 60
 PARK-OPEN SPACE
 COMMERCIAL RECREATION
 CONSERVATION
 NW REGIONAL ACTIVITY CENTER
 DOWNTOWN REGIONAL ACTIVITY CENTER
 SOUTH REGIONAL ACTIVITY CENTER
 CENTRAL BEACH REGIONAL ACTIVITY CENTER
 REGIONAL ACTIVITY CENTER - PARK
 REGIONAL ACTIVITY CENTER CONSERVATION
**ALLOWABLE DENSITY FOR EACH IRREGULAR DISTRICT IS INDICATED ON MAP IN DWELLING UNITS PER ACRE.
 *NOT A FUTURE LAND USE DESIGNATION.
 # Broward County land use designations are in effect in annexed areas until such time City land use designations are applied.

PROJECT

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RENOVATION**

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FORT LAUDERDALE, FL 33312

CLIENT

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KEYPLAN

SHEET TITLE / SHEET NUMBER
**ZONING AND FUTURE
LAND USE MAP**

G-006

PROJECT

NOTHARD HOUSE RENOVATION

215 SW 14TH WAY,
FORT LAUDERDALE, FL 33312

CLIENT

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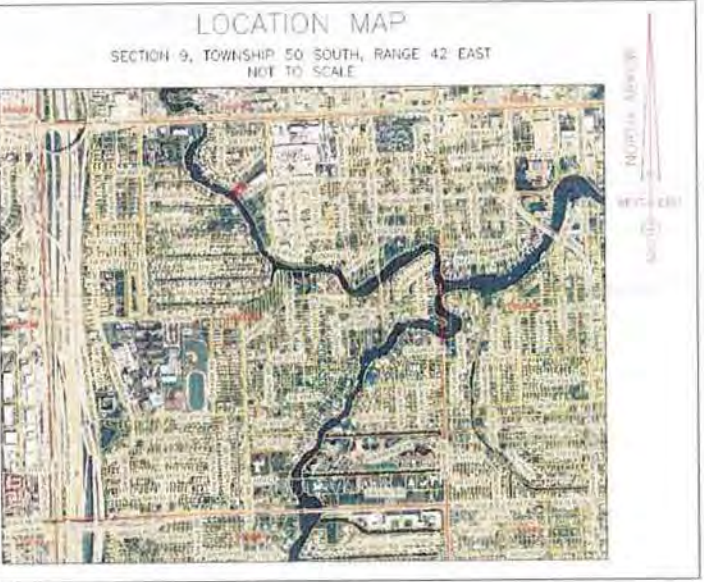
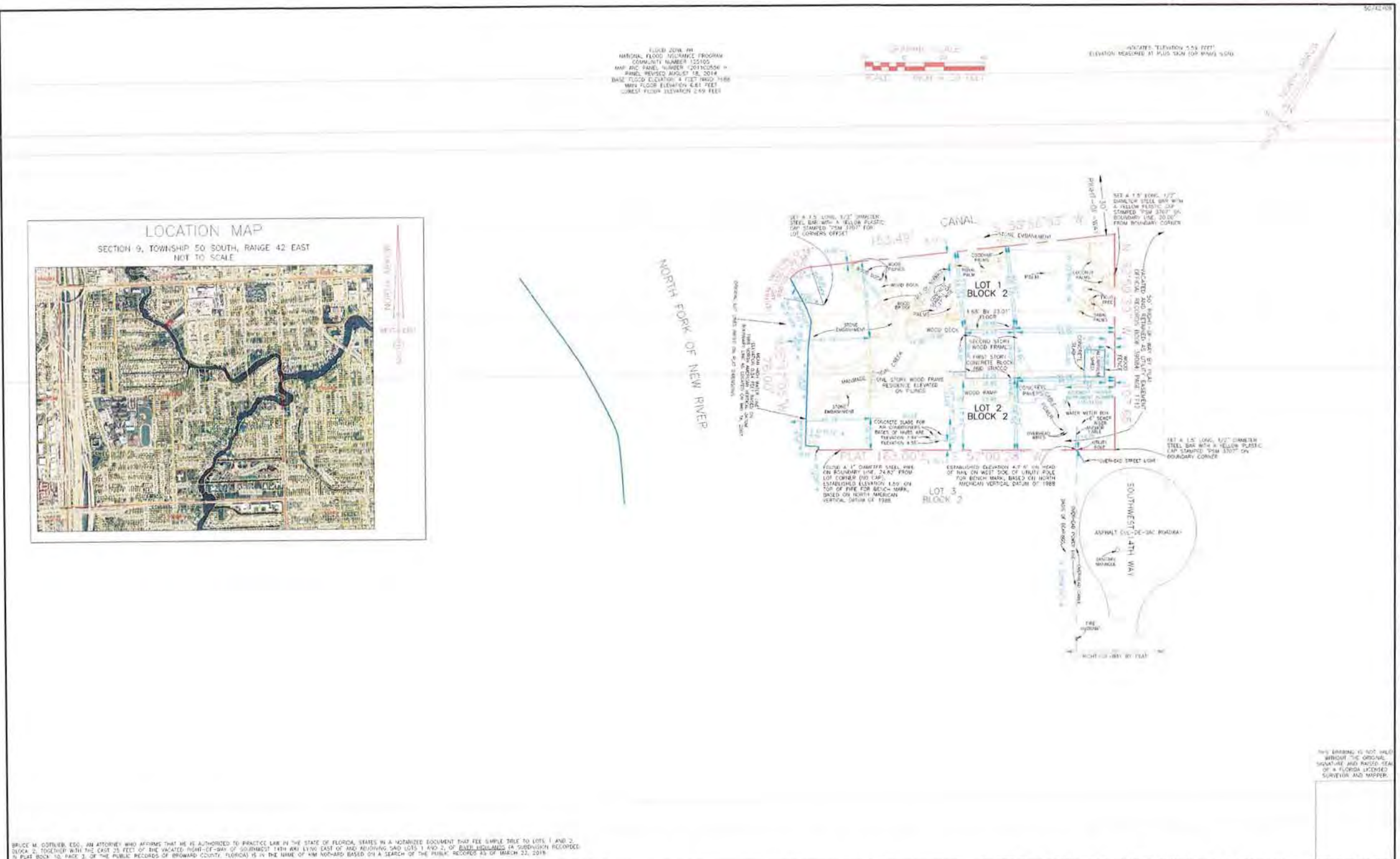
KEYPLAN



SHEET TITLE / SHEET NUMBER

SURVEY & VICINITY LOCATION MAP

V-001



FLOOD ZONE: H
NATIONAL FLOOD INSURANCE PROGRAM
COMMUNITY NUMBER 125105
MAP FIRM NUMBER: 201302004H
RIND, REVISED AUGUST 18, 2014
BASE FLOOD ELEVATION: 4 FEET ABOVE MHW
MHW FLOOR ELEVATION: 4.41 FEET
GREATEST FLOOD ELEVATION: 2.49 FEET



NOTHARD TIE TO 1/4" 1/2" DIAMETER STEEL BAR WITH A YELLOW PLASTIC CAP STAMPED FROM 3307 ON BOUNDARY CORNER

BRUCE M. COSTLER, ESQ., AN ATTORNEY WHO AFFIRMS THAT HE IS AUTHORIZED TO PRACTICE LAW IN THE STATE OF FLORIDA, STATES IN A NOTARIAL DOCUMENT THAT THE SIMPLE TITLE TO LOTS 1 AND 2, BLOCK 2, TOGETHER WITH THE EAST 25 FEET OF THE VACATED RIGHT-OF-WAY OF SOUTHWEST 14TH WAY LYING EAST OF AND ADJOINING SAID LOTS 1 AND 2, OF BAYWOODS IN A SUBDIVISION RECORDED IN PLAT BOOK 10, PAGE 3, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA IS IN THE NAME OF KIM NOTHARD BASED ON A SEARCH OF THE PUBLIC RECORDS AS OF MARCH 22, 2018.

THE "REVERSE" FOR THIS SURVEY MEETS THE STANDARD PRECISION REQUIRED BY FLORIDA STANDARDS OF PRACTICE FOR THIS TYPE OF SURVEY. BEARINGS ARE BASED ON ASSUMED BEARING ALONG MONUMENTS FOUND ON WEST RIGHT-OF-WAY LINE OF HENRIELWORTH PLACE. MEASURED DIMENSIONS ARE EQUAL TO SUBDIVISION PLAT DIMENSIONS, UNLESS OTHERWISE NOTED. THE MEAN HIGH WATER SURVEY COMPLETES BOTH CHAPTERS 172, PART 1, FLORIDA STATUTES. THE HORIZONTAL LOCATION OF THE MEAN HIGH WATER LINE WAS DETERMINED BY ESTABLISHING TEMPORARY MARKS ALONG THE EDGE OF THE RIVER AT ELEVATION 0.00 FEET, BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. THEN LOCATING THE MARKS WITH TOTAL STATION STOPS FROM KNOWN POINTS. THE MEAN HIGH WATER ELEVATION OF 0.04 FEET WAS SUPPLIED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. THE REFERENCE MARK USED FOR THIS TOPOGRAPHIC SURVEY IS THE SOUTH END OF A STORM DRAIN MANHOLE ABOUT 6 FEET WEST OF THE CENTER OF SOUTHWEST 14TH AVENUE AND 750 FEET NORTH OF THE CENTER OF SOUTHWEST 2ND COURT, ELEVATION 2.572 FEET, BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988, SUPPLIED BY THE CITY OF FORT LAUDERDALE. UNDERGROUND FOUNDATIONS OF STRUCTURES ARE NOT SHOWN, UNLESS OTHERWISE NOTED. LOCATION OF ANY VEGETATION SHOWN IS APPROXIMATE. EASEMENTS OR RIGHTS-OF-WAY OF RECORD WHICH COULD BE REVEALED BY A COMPLETE SEARCH OF THE PUBLIC RECORDS MAY NOT BE SHOWN. APPROVED AS OF DATE BY SURVEY MAP TO BE PRINTED BY OTHER THAN THE SURVEYOR: DATE AND SIGNATURE OF THE SURVEYOR.

© COPYRIGHT 2018 HARVEY GREENE
PROFESSIONAL SURVEYOR AND MAPPER
FLORIDA LICENSE NUMBER 3707
10008 NORTHWEST 25TH AVENUE, SUITE 301
AVENTURA, FLORIDA 33180-2217
TELEPHONE:
954 522-0193 (BROWARD COUNTY)
305 932-2843 (MIAMI-DADE COUNTY)
EMAIL: hgreenegreen@earthlink.net

NOTHARD BOUNDARY AND MEAN HIGH WATER SURVEY
215 SOUTHWEST 14TH WAY
FORT LAUDERDALE, FLORIDA 33312-7548

DESCRIPTION: LOTS 1 AND 2, BLOCK 2, BAYWOODS IN A SUBDIVISION AS SHOWN ON THE PLAT RECORDED IN PLAT BOOK 10, PAGE 3 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA TOGETHER WITH THE WESTERLY 25 FEET OF THE VACATED RIGHT-OF-WAY OF HENRIELWORTH PLACE (ALSO KNOWN AS SOUTHWEST 14TH WAY) ADJOINING SAID LOTS 1 AND 2.
I HEREBY CERTIFY EXCLUSIVELY TO KIM NOTHARD AND KIM NOTHARD THAT THIS SURVEY MEETS THE FLORIDA STANDARDS OF PRACTICE SET FORTH PURSUANT TO SECTION 492.027, FLORIDA STATUTES, BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 54-17.650 F.S. (SECTION 54-17.01) OF THE FLORIDA ADMINISTRATIVE CODE.
REVISIONS:
1. APRIL 11, 2018, RELOCATED SHED
2. JANUARY 28, 2018, UPDATED CLIENT
HARVEY GREENE
DATE OF SURVEY: MAY 18, 2018

PROJECT

NOTHARD HOUSE RENOVATION

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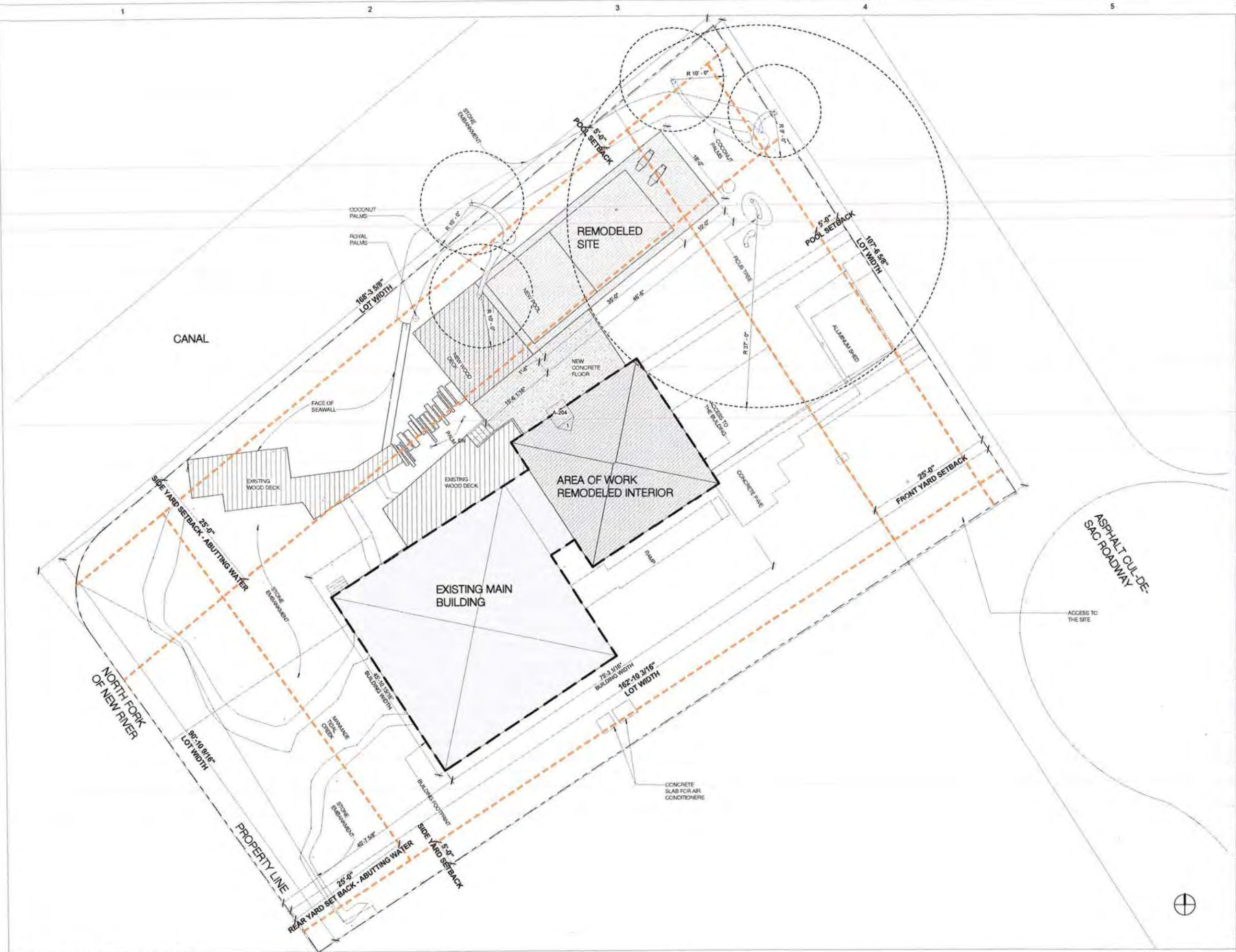
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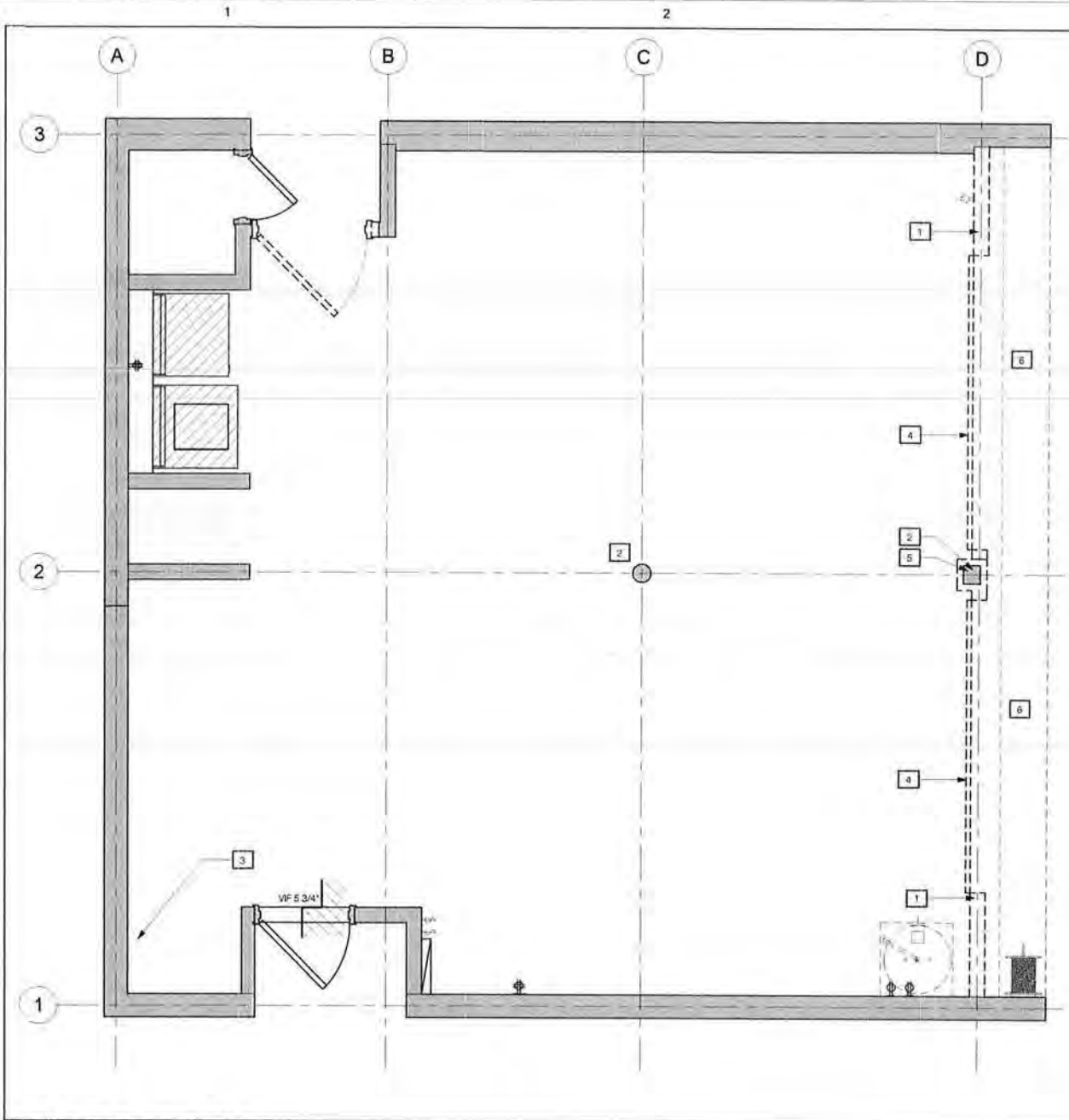
SHEET TITLE / SHEET NUMBER

SITE PLAN - PROPOSED PLAN

ASP-102



1 SITE PLAN - PROPOSED PLAN
SCALE: 1/8" = 1'-0"



1 DEMOLISHED PLAN

AD-101 SCALE 1/2" = 1'-0"

SYMBOL LEGEND - DEMOLITION PLANS	
TYPE	DESCRIPTION
(---)	EXISTING WALL TO BE DEMOLISHED
(—)	EXISTING WALL
5	KEY NOTES
(EX)	EXISTING DOOR
(---)	EXISTING DOOR AND FRAME TO BE REMOVED
(⊕)	LED RECESSED DOWNLIGHT
S	SINGLE POLE SWITCH

GENERAL DEMOLITION NOTES

- THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR HAULING AND LEGALLY DISPOSING OF MATERIALS REMOVED IN DEMOLITION WORK.
- THE PROCEDURES PROPOSED FOR THE ACCOMPLISHMENT OF SALVAGE AND DEMOLITION WORK SHALL BE SUBMITTED FOR REVIEW. THE PROCEDURES SHALL PROVIDE FOR SAFE CONDUCT OF THE WORK, CAREFUL REMOVAL AND DISPOSITION OF MATERIALS, PROTECTION OF PROPERTY, COORDINATION WITH WORK OF OTHERS IN PROGRESS, AND TIMELY DISCONNECTION OF UTILITY SERVICES. THE PROCEDURES SHALL INCLUDE A DETAILED DESCRIPTION OF METHODS AND EQUIPMENT TO BE USED FOR EACH OPERATION AND THE SEQUENCE OF OPERATION.
- TITLE TO MATERIALS: TITLE TO ALL MATERIAL AND EQUIPMENT TO BE DEMOLISHED AND REMOVED EXCEPT ITEMS INDICATED TO BE TURNED OVER TO THE OWNER IS VESTED IN THE CONTRACTOR AT START OF PROJECT. ALL PLUMBING FIXTURES, LIGHTING FIXTURES, A/C EQUIPMENT, APPLIANCES, TRAYS, SPECIALTY ITEMS, ETC. SHALL BE EVALUATED BY A REPRESENTATIVE OF THE OWNER, AS TO THE STATUS OF THEIR REMOVAL. THE OWNER WILL NOT BE RESPONSIBLE FOR THE CONDITIONS, LOSS OR DAMAGE OF SUCH PROPERTY AFTER NOTICE TO PROCEED. THE CONTRACTOR SHALL VISIT THE SITE OF THE WORK AND EXAMINE THE PLANS AND IT WILL BE ASSUMED THAT THE CONTRACTOR HAS INVESTIGATED AND IS FULLY INFORMED OF THE CONDITIONS AND MATERIALS TO BE ENCOUNTERED AS TO CHARACTER, QUALITY AND QUANTITIES OF WORK TO BE PERFORMED AND MATERIALS TO BE FURNISHED AND AS TO THE REQUIREMENTS OF THE PLANS.
- THE CONTRACTOR SHALL REMOVE ALL SPECIFIC ITEMS INDICATED ON THESE DRAWINGS AND ALSO REMOVE ANY OTHER ITEMS OR CONSTRUCTION AS REQUIRED TO ACCOMPLISH ALL NEW WORK TO AREAS SHOWN.
- ALL DIMENSIONS SHOWN ARE TO BE VERIFIED IN THE FIELD AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- THE AMOUNT OF DUST RESULTING FROM DEMOLITION SHALL BE CONTROLLED TO PREVENT THE SPREAD OF DUST TO AVOID CREATION OF A NUISANCE IN THE SURROUNDING AREA. USE OF WATER WILL NOT BE PERMITTED WHEN IT WILL RESULT IN, OR CREATE, HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS FLOODING AND POLLUTION. THE USE OF WATER WILL BE PERMITTED FOR MISTING AND WET FLOOR MOPPING.
- ALL EXISTING SURFACES SUCH AS WALLS, FLOORS, CEILINGS, BASES, ETC. THAT ARE AFFECTED BY THESE ALTERATIONS AND WERE INTENDED TO REMAIN, ARE TO HAVE NEW MATERIAL AND FINISH AS REQUIRED TO MATCH ALL ADJACENT EXISTING FINISHES.
- GENERAL CONTRACTOR SHALL DO ALL CUTTING AND PATCHING OF EXISTING CONCRETE SLABS, PARTITIONS, ETC., AS MAY BE REQUIRED FOR ALL TRADES TO ACCOMPLISH ALL WORK REQUIRED BY THESE CONTRACT DOCUMENTS. CONTRACTOR SHALL DO ALL PATCHING AND PROVIDE NEW FINISHES TO MATCH EXISTING SO AS TO MAKE THE "PATCHED AREA" INDISCERNIBLE FROM THE EXIST. ADJACENT AREA.
- UTILITY SERVICES: MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN. KEEP IN SERVICE, AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. A. DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR USE FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION.
- PROTECTION: PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT GENERAL PUBLIC FROM INJURY DUE TO SELECTIVE DEMOLITION WORK. A. PROVIDE PROTECTIVE MEASURES AS REQUIRED TO PROVIDE FREE AND SAFE PASSAGE OF OWNER'S PERSONAL AND GENERAL PUBLIC TO AND FROM OCCUPIED PORTIONS OF BUILDINGS.
- GARBAGE REMOVAL SHOULD BE BY COVERED CART ONLY.
- OWNER SHALL REMOVE ALL FURNITURE. CONTRACTOR SHALL BE RESPONSIBLE FOR COVERING, PROTECTING AND STORAGE ALL REMAINING EQUIPMENT AND CABINETRY.
- DEMOLITION SHALL BE LIMITED TO DAYTIME HOURS ONLY. DO NOT DISTURB THE INTEGRITY OF THE EXISTING STRUCTURAL SYSTEM. CONFIRM LOCATION OF EXISTING STRUCTURAL SUPPORTS AND MEMBERS PRIOR TO CORE DRILLING AND/OR CUTTING OPENINGS FOR NEW PLUMBING AND/OR MECHANICAL LINES, AND NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS.
- COORDINATE ALL PHASES OF THE WORK WITH THE OWNER PRIOR TO PROCEEDING.
- IF NECESSARY, EXISTING WALLS MAY BE REMOVED TO RECEIVE NEW EQUIPMENT THAT WILL NOT FIT THROUGH DOORS. CONTRACTOR TO PATCH AND REPAIR AFFECTED WALLS TO MATCH ORIGINAL MATERIALS AND FIRE RATING AND INSTALL NEW FINISHES AS SCHEDULED AND, OR TO MATCH EXISTING.
- REMOVE AND REINSTALL EXISTING CEILING AS REQUIRED FOR INSTALLATION OF NEW PLUMBING LINES, AS INDICATED ON THE MEP DRAWINGS. PATCH AND REPAIR EXISTING FINISHES WHERE DAMAGED BY THE WORK. PHASE ALL WORK WITH THE OWNER PRIOR TO PROCEEDING.

DEMOLITION KEY NOTES

- ENTIRETY OF WALL TO BE REMOVED, SALVAGE AND PRESERVE ALL EXTERIOR CLAPBOARD MATERIAL FOR RE-USE
- PRESERVE ALL EXISTING STRUCTURE (COLUMNS/ BEAMS/ ETC.)
- REMOVE SHOWER, EXISTING CONNECTION TO REMAIN.
- GARAGE DOOR AND TRACKS ABOVE TO BE REMOVED
- COLUMN TO BE EXPOSED
- REMOVE EXISTING TILE FLOOR AND PLATFORM
- ALL EXISTING DOWN LIGHTS TO BE REMOVED.
- EXISTING CEILING TO BE REMOVED. EXPOSED WOOD JOIST ABOVE.

PROJECT

NOTHARD HOUSE RENOVATION

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REGISTRATION

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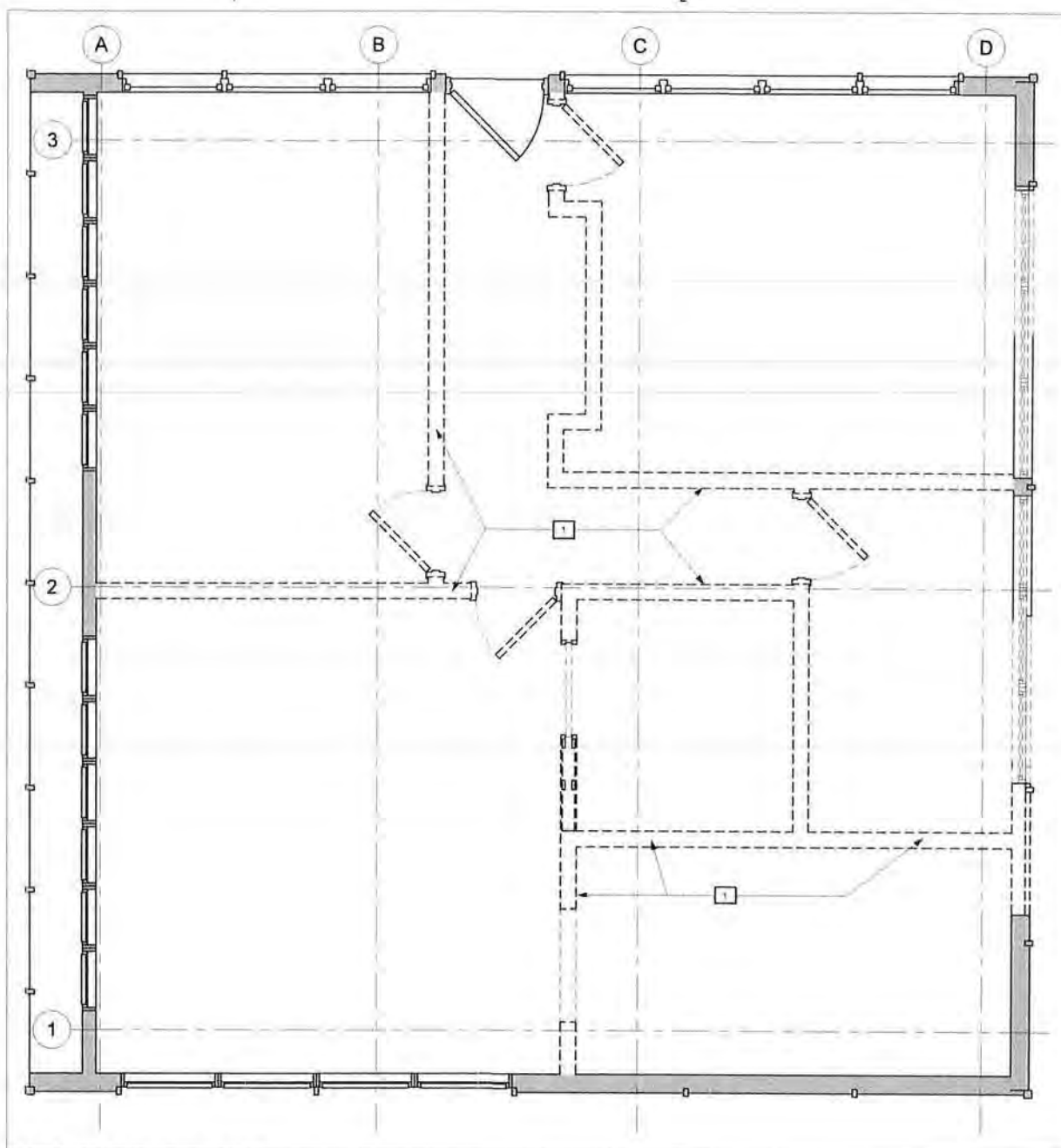
KEYPLAN



SHEET TITLE / SHEET NUMBER

1ST FLOOR DEMOLITION PLAN

AD-101



1 EXISTING 2ND FLOOR
 AD-102 SCALE: 1/2" = 1'-0"

SYMBOL LEGEND - DEMOLITION PLANS	
TYPE	DESCRIPTION
	EXISTING WALL TO BE DEMOLISHED
	EXISTING WALL
	KEY NOTES
	EXISTING DOOR
	EXISTING DOOR AND FRAME TO BE REMOVED
	LED RECESSED DOWNLIGHT
	SINGLE POLE SWITCH

GENERAL DEMOLITION NOTES

- THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR HAULING AND LEGALLY DISPOSING OF MATERIALS REMOVED IN DEMOLITION WORK.
- THE PROCEDURES PROPOSED FOR THE ACCOMPLISHMENT OF SALVAGE AND DEMOLITION WORK SHALL BE SUBMITTED FOR REVIEW. THE PROCEDURES SHALL PROVIDE FOR SAFE CONDUCT OF THE WORK, CAREFUL REMOVAL AND DISPOSITION OF MATERIALS, PROTECTION OF PROPERTY, COORDINATION WITH WORK OF OTHERS IN PROGRESS, AND TIMELY DISCONNECTION OF UTILITY SERVICES. THE PROCEDURES SHALL INCLUDE A DETAILED DESCRIPTION OF METHODS AND EQUIPMENT TO BE USED FOR EACH OPERATION AND THE SEQUENCE OF OPERATION.
- TITLE TO MATERIALS: TITLE TO ALL MATERIAL AND EQUIPMENT TO BE DEMOLISHED AND REMOVED EXCEPT ITEMS INDICATED TO BE TURNED OVER TO THE OWNER IS VESTED IN THE CONTRACTOR AT START OF PROJECT. ALL PLUMBING FIXTURES, LIGHTING FIXTURES, A/C EQUIPMENT, APPLIANCES, TRAYS, SPECIALTY ITEMS, ETC. SHALL BE EVALUATED BY A REPRESENTATIVE OF THE OWNER AS TO THE STATUS OF THEIR REMOVAL. THE OWNER WILL NOT BE RESPONSIBLE FOR THE CONDITIONS, LOSS OR DAMAGE OF SUCH PROPERTY AFTER NOTICE TO PROCEED. THE CONTRACTOR SHALL VISIT THE SITE OF THE WORK AND EXAMINE THE PLANS AND IT WILL BE ASSUMED THAT THE CONTRACTOR HAS INVESTIGATED AND IS FULLY INFORMED OF THE CONDITIONS AND MATERIALS TO BE ENCOUNTERED AS TO CHARACTER, QUALITY AND QUANTITIES OF WORK TO BE PERFORMED AND MATERIALS TO BE FURNISHED AND AS TO THE REQUIREMENTS OF THE PLANS.
- THE CONTRACTOR SHALL REMOVE ALL SPECIFIC ITEMS INDICATED ON THESE DRAWINGS AND ALSO REMOVE ANY OTHER ITEMS OR CONSTRUCTION AS REQUIRED TO ACCOMPLISH ALL NEW WORK TO AREAS SHOWN.
- ALL DIMENSIONS SHOWN ARE TO BE VERIFIED IN THE FIELD AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- THE AMOUNT OF DUST RESULTING FROM DEMOLITION SHALL BE CONTROLLED TO PREVENT THE SPREAD OF DUST TO AVOID CREATION OF A NUISANCE IN THE SURROUNDING AREA. USE OF WATER WILL NOT BE PERMITTED WHEN IT WILL RESULT IN OR CREATE HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS FLOODING AND POLLUTION. THE USE OF WATER WILL BE PERMITTED FOR MISTING AND WET FLOOR MOPPING.
- ALL EXISTING SURFACES SUCH AS WALLS, FLOORS, CEILINGS, BASES, ETC. THAT ARE AFFECTED BY THESE ALTERATIONS AND WERE INTENDED TO REMAIN, ARE TO HAVE NEW MATERIAL AND FINISH AS REQUIRED TO MATCH ALL ADJACENT EXISTING FINISHES.
- GENERAL CONTRACTOR SHALL DO ALL CUTTING AND PATCHING OF EXISTING CONCRETE SLABS, PARTITIONS, ETC. AS MAY BE REQUIRED FOR ALL TRIMMES TO ACCOMPLISH ALL WORK REQUIRED BY THESE CONTRACT DOCUMENTS. CONTRACTOR SHALL DO ALL PATCHING AND PROVIDE NEW FINISHES TO MATCH EXISTING SO AS TO MAKE THE "PATCHED AREA" INDISCERNIBLE FROM THE EXIST. ADJACENT AREA.
- UTILITY SERVICES: MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN, KEEP IN SERVICE, AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. A. DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR USE FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION.
- PROTECTION: PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT GENERAL PUBLIC FROM INJURY DUE TO SELECTIVE DEMOLITION WORK. A. PROVIDE PROTECTIVE MEASURES AS REQUIRED TO PROVIDE FREE AND SAFE PASSAGE OF OWNERS PERSONAL AND GENERAL PUBLIC TO AND FROM OCCUPIED PORTIONS OF BUILDINGS.
- GARBAGE REMOVAL SHALL BE BY COVERED CART ONLY.
- OWNER SHALL REMOVE ALL FURNITURE. CONTRACTOR SHALL BE RESPONSIBLE FOR COVERING, PROTECTING AND STORAGE ALL REMAINING EQUIPMENT AND CABINETRY.
- DEMOLITION SHALL BE LIMITED TO DAYTIME HOURS ONLY. DO NOT DISTURB THE INTEGRITY OF THE EXISTING STRUCTURAL SYSTEM. CONFIRM LOCATION OF EXISTING STRUCTURAL SUPPORTS AND MEMBERS PRIOR TO CORE DRILLING AND/OR CUTTING OPENINGS FOR NEW PLUMBING AND/OR MECHANICAL LINES, AND NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS.
- COORDINATE ALL PHASES OF THE WORK WITH THE OWNER PRIOR TO PROCEEDING.
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- REMOVE AND REINSTALL EXISTING CEILING AS REQUIRED FOR INSTALLATION OF NEW PLUMBING LINES, AS INDICATED ON THE MEP DRAWINGS. PATCH AND REPAIR EXISTING FINISHES WHERE DAMAGED BY THE WORK. PHASE ALL WORK WITH THE OWNER PRIOR TO PROCEEDING.

DEMOLITION KEY NOTES

1 EXISTING WALL TO BE DEMOLISHED.

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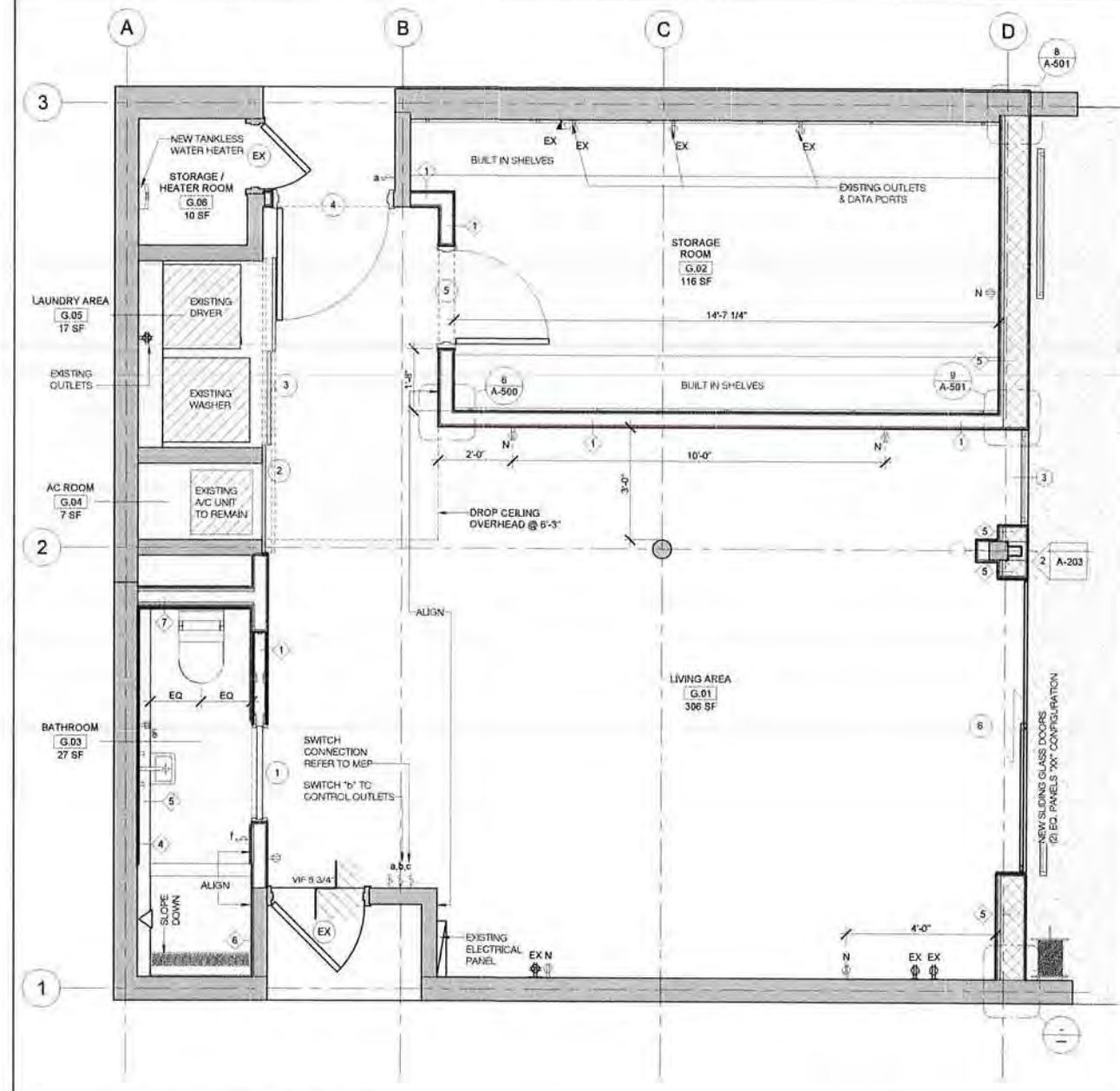
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KEYPLAN

SHEET TITLE / SHEET NUMBER
 2ND FLOOR
 DEMOLITION PLAN

AD-102



1 1ST FLOOR CONSTRUCTION PLAN
A-101 SCALE: 1/2" = 1'-0"

TYPE	DESCRIPTION	TYPE	DESCRIPTION
ROOM	ROOM NAME & ROOM NUMBER	LED	LED RECESSED DOWNLIGHT
(1)	DOOR NUMBER	SW	SINGLE POLE SWITCH
(1)	WINDOW NUMBER	Dashed line	EXISTING WALL TO BE DEMOLISHED
(1)	WALL TYPE	Line with dots	EXISTING DOOR AND FRAME TO BE RECAVED
SIM	DETAIL NUMBER	Dashed rectangle	AREA OF WINDOW TO BE REMOVED
(1) A101	SHEET NUMBER	Line with dashes	EXISTING APPLIANCES
(1) A101	INTERIOR ELEVATION	Line with dots	NEW LIGHT FIXTURE
(1)	SPECIFIC NOTES	Line with dashes	DROP CEILING ABOVE
Line with dashes	NEW WALL		
Line with dashes	EXISTING WALL		
EX	EXISTING DOOR		
(1)	NEW DOOR		

GENERAL FLOOR PLAN NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE OF THE WORK AND EXAMINE THE PLANS AND IT WILL BE ASSUMED THAT THE CONTRACTOR HAS INVESTIGATED AND IS FULLY INFORMED AS TO THE CONDITIONS AND MATERIALS TO BE ENCOUNTERED AS TO CHARACTER, QUALITY AND QUANTITIES OF WORK TO BE PERFORMED AND MATERIALS TO BE FURNISHED AND AS TO THE REQUIREMENTS OF THE PLANS.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FINAL PLANS AND ON THE JOB SITE PRIOR TO EXECUTION OF ANY WORK AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS ARISING FROM A FAILURE TO PERFORM A VERIFICATION AND TO MAKE TIMELY NOTIFICATION OF DISCREPANCIES. THE ARCHITECT WILL, IN AN EXPEDITIOUS MANNER, PROVIDE THE OWNER WITH REVISED DRAWINGS REFLECTING ANY OF THESE DISCREPANCIES AND RELATED MITIGATION FOR REVIEW AND APPROVAL. DO NOT SCALE DRAWINGS.
3. CONTRACTOR WILL GUARANTEE IN WRITING ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER AND WILL, AT HIS OWN COST, REPAIR OR REPLACE ALL WORK OR DAMAGE CAUSED BY WORK OF SUBCONTRACTORS WHICH BECOMES DEFECTIVE DURING THE TERM OF THE GUARANTEE.
4. CONTRACTOR SHALL COORDINATE AND SUPERVISE HIS WORK AND WORK BY SUBCONTRACTORS.
5. THESE PLANS ARE THE PROPERTY OF THE ARCHITECT AND SHALL NOT BE USED, REPRODUCED, OR CHANGED IN ANY WAY WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT.
6. GENERAL CONTRACTOR SHALL DO ALL CUTTING AND PATCHING OF CONCRETE SLABS, ETC., AS MAY BE REQUIRED FOR ALL TRADES TO ACCOMPLISH ALL WORK REQUIRED BY THESE CONTRACT DOCUMENTS. PATCH & REPAIR AS REQ'D.
7. CONTRACTOR'S INSTALLATION OF ALL UTILITIES AND SUBSEQUENT HOOKUP SHALL BE AS NECESSARY TO ASSURE CONFORMANCE WITH UTILITY COMPANY REQUIREMENTS.
8. IT IS THE INTENT OF THE ARCHITECT THAT THIS WORK BE IN CONFORMANCE WITH BUILDING AUTHORITIES HAVING JURISDICTION OVER THIS TYPE OF WORK AND OCCUPANCY. ALL CONTRACTORS SHALL DO THEIR WORK IN COMPLIANCE WITH THE LATEST EDITION OF THE FLORIDA BUILDING CODE, NATIONAL ELECTRIC CODE, NFPA, OSHA AND OTHER APPLICABLE CODES AND REGULATIONS.
9. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS REQUIRED TO COMPLETE THE WORK WITH GOOD WORKMANSHIP AND ASSURE PROPER WORKING ORDER.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR THE COST OF ALL INSPECTIONS AND TESTS REQUIRED TO IMPLEMENT THE PLANS.
11. AFTER APPROVAL OF THE FINAL PLANS, ALL REVISIONS MUST PROCEED THROUGH THE ARCHITECT FOR APPROVAL. ANY REVISIONS MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT MAY BE CONSIDERED INVALID AND, AT THE SOLE DISCRETION OF THE ARCHITECT, THE WORK REJECTED AND REQUIRED TO BE MODIFIED AT NO COST TO THE OWNER.
12. OWNER'S SUB-CONTRACTORS SHALL BE ALLOWED TO DO WORK PRIOR TO SUBSTANTIAL COMPLETION SUBJECT ONLY TO THE APPROPRIATE PROGRESS OF THE WORK AND A SEVEN (7) DAY PRIOR NOTICE OF INTENT BY OWNER TO THE CONTRACTOR.
13. CONTRACTOR SHALL PROVIDE PUBLIC PROTECTION AS NECESSARY PER CITY AND LOCAL CODE REQUIREMENTS.
14. ALL MATERIALS AND WORK TO CONFORM TO LATEST GOVERNING BUILDING CODES AND REGULATIONS. SUBMIT FOR REVIEW NO LESS THAN (6) SETS OF SHOP DRAWINGS WHERE REQUIRED AND/OR INDICATED.
15. CONTRACTOR SHALL PROVIDE ACCESS PANELS AS REQUIRED BY PLUMBING, AIR CONDITIONING AND OTHER TRADES, AND AS REQUIRED BY CODES, LOCATIONS AND TYPE OF PANEL, TO BE REVIEWED AND APPROVED BY THE ARCHITECT.
16. ALL FIRE & SMOKE WALLS SHALL BE STENCILED ABOVE CEILING.

GENERAL CEILING PLAN NOTES

1. SEE ELECTRICAL DRAWINGS FOR THE LOCATION OF ALARMS, SMOKE DETECTORS, EMERGENCY LIGHTS, SIGNALS, ETC. AND ADDITIONAL INFORMATION.
2. SEE MECHANICAL DRAWINGS FOR LOCATION OF AC GRILLES, FAN COIL UNITS, FIRE DAMPERS, ETC.
3. CEILING HEIGHTS INDICATED THUS ($\frac{9'-0"}{9'-0"} \frac{X.F.F.}{X.F.F.}$), REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
4. CONFIRM THAT SCHEDULED CEILING HEIGHTS WILL ACCOMMODATE AC EQUIPMENT AND DUCTWORK AT INTENDED LOCATIONS PRIOR TO INSTALLATION. NOTIFY ARCHITECT IMMEDIATELY IF CEILING HEIGHTS NEED TO BE ADJUSTED.
5. ALL CEILINGS, LIGHT FIXTURES, SOFFITS, ETC. INDICATED ARE NEW UNLESS OTHERWISE NOTED.
6. SEE FINISH SCHEDULE FOR FINISH TYPES.
7. EXIT LIGHTS AND EMERGENCY LIGHTS INSTALLED BY G.C. PER LOCAL CODE.
8. EXTINGUISHERS, SMOKE AND FIRE DETECTION SYSTEMS INSTALLED BY G.C. PER LOCAL CODE.
9. ALL DEVICES ARE TO MATCH BUILDING STANDARD, UON.
10. CONTRACTOR SHALL INCLUDE IN HIS SCOPE OF WORK CEILING.
11. INSTALLATION FOR ACCESS IN AREAS NOT INDICATED ON DRAWING, AS WELL AS WORK REQUIRED AT FLOOR BELOW.
12. CONTRACTOR TO COORDINATE ALL AIR SUPPLY & RETURN LOCATIONS WITH ARCHITECT.
13. CONNECT MECHANICAL EXHAUST FAN TO LIGHT SWITCH.
14. PROVIDE BATTERY BALLAST (90 MINUTE) FOR ALL EXIT SIGNS AND EMERGENCY LIGHTS.
15. ALL SWITCHES SHALL BE CIRCUITED TO PANEL, UON.

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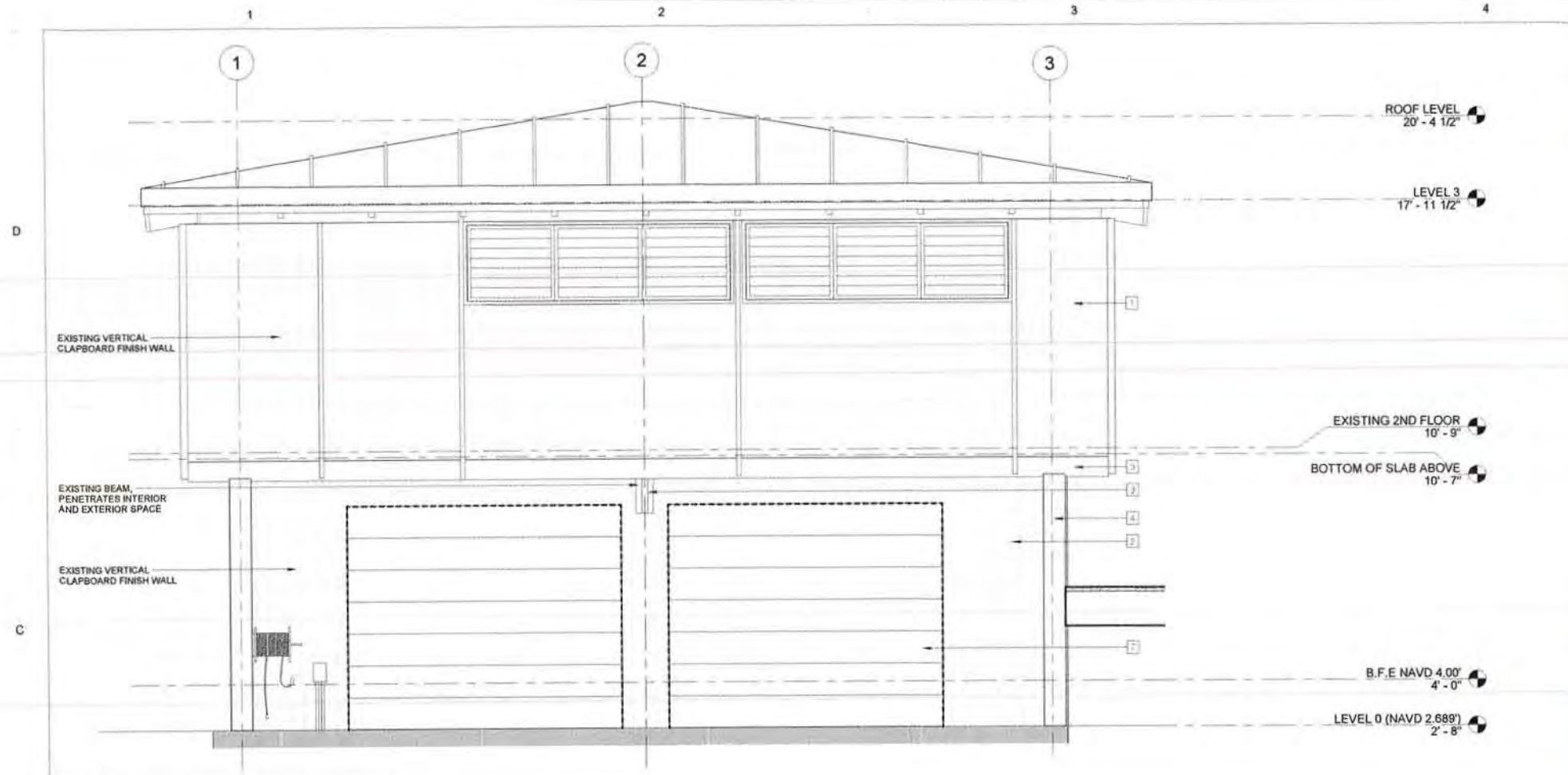
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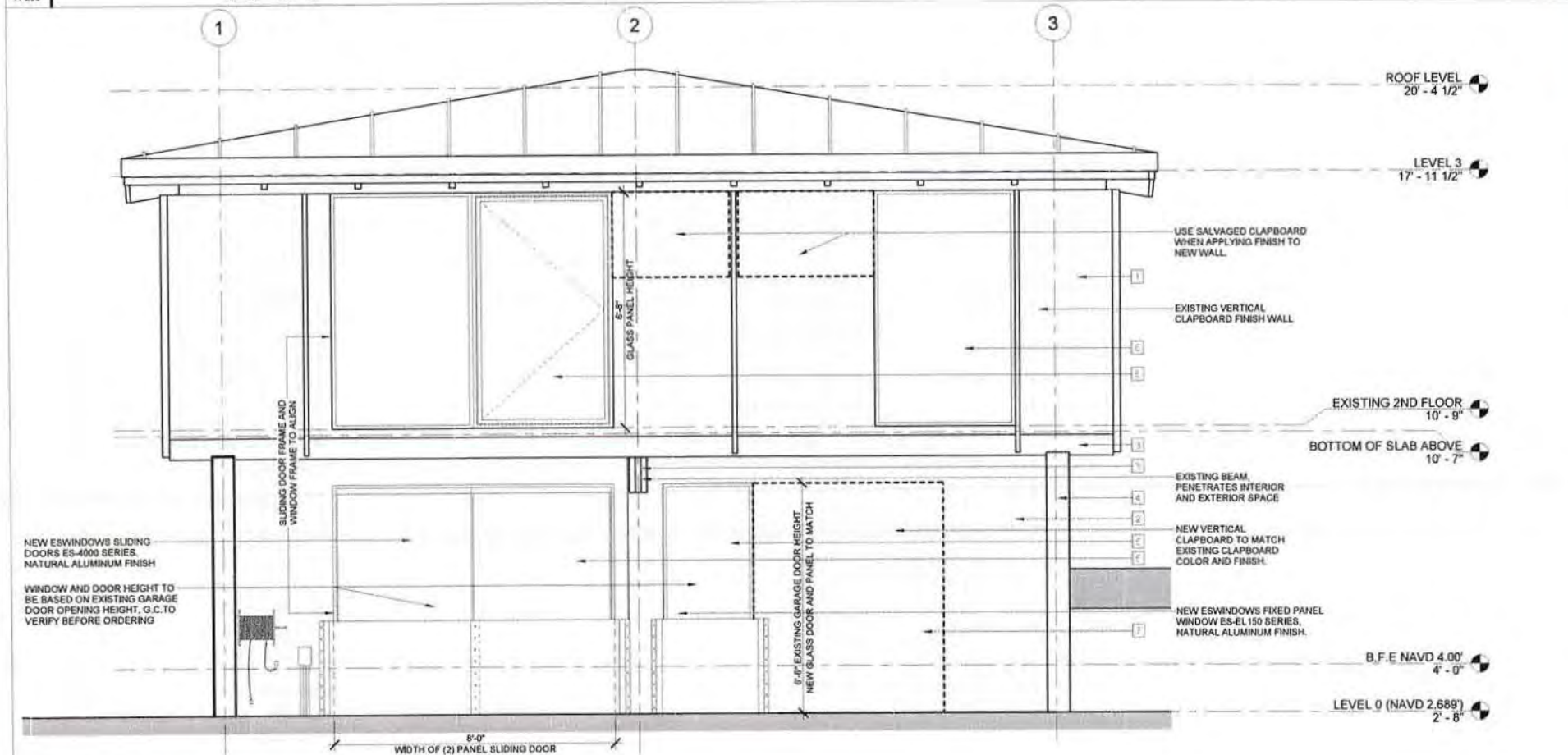
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1ST FLOOR CONSTRUCTION PLAN

A-101



1 EXISTING FACADE ELEVATION FULL
SCALE: 1/2" = 1'-0"



2 NEW FACADE ELEVATION WORKING SCOPE
SCALE: 1/2" = 1'-0"

COLOR PALETTE

		EXISTING VERTICAL CLAPBOARD FINISH WALL - LIGHT GRAY
		EXISTING VERTICAL CLAPBOARD FINISH WALL - WHITE
		EXISTING DARK GRAY PAINT
		EXISTING WHITE PAINT
		GLASS PANEL

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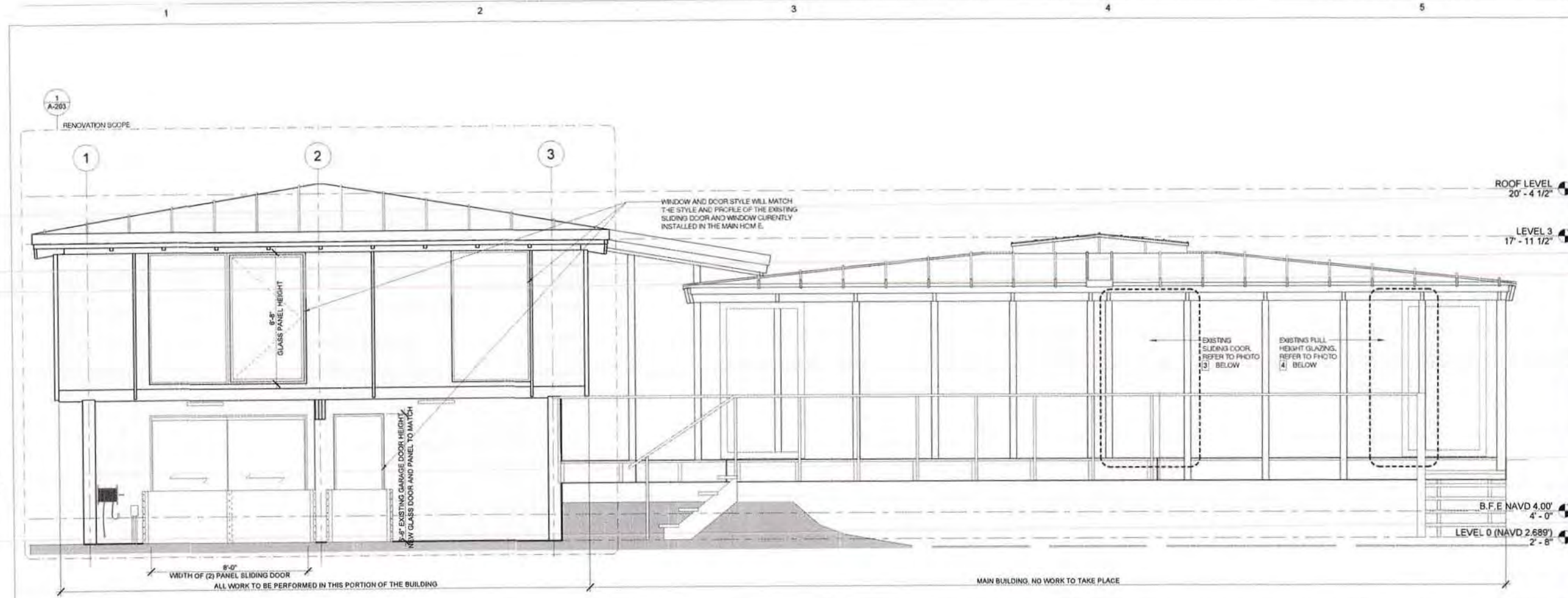
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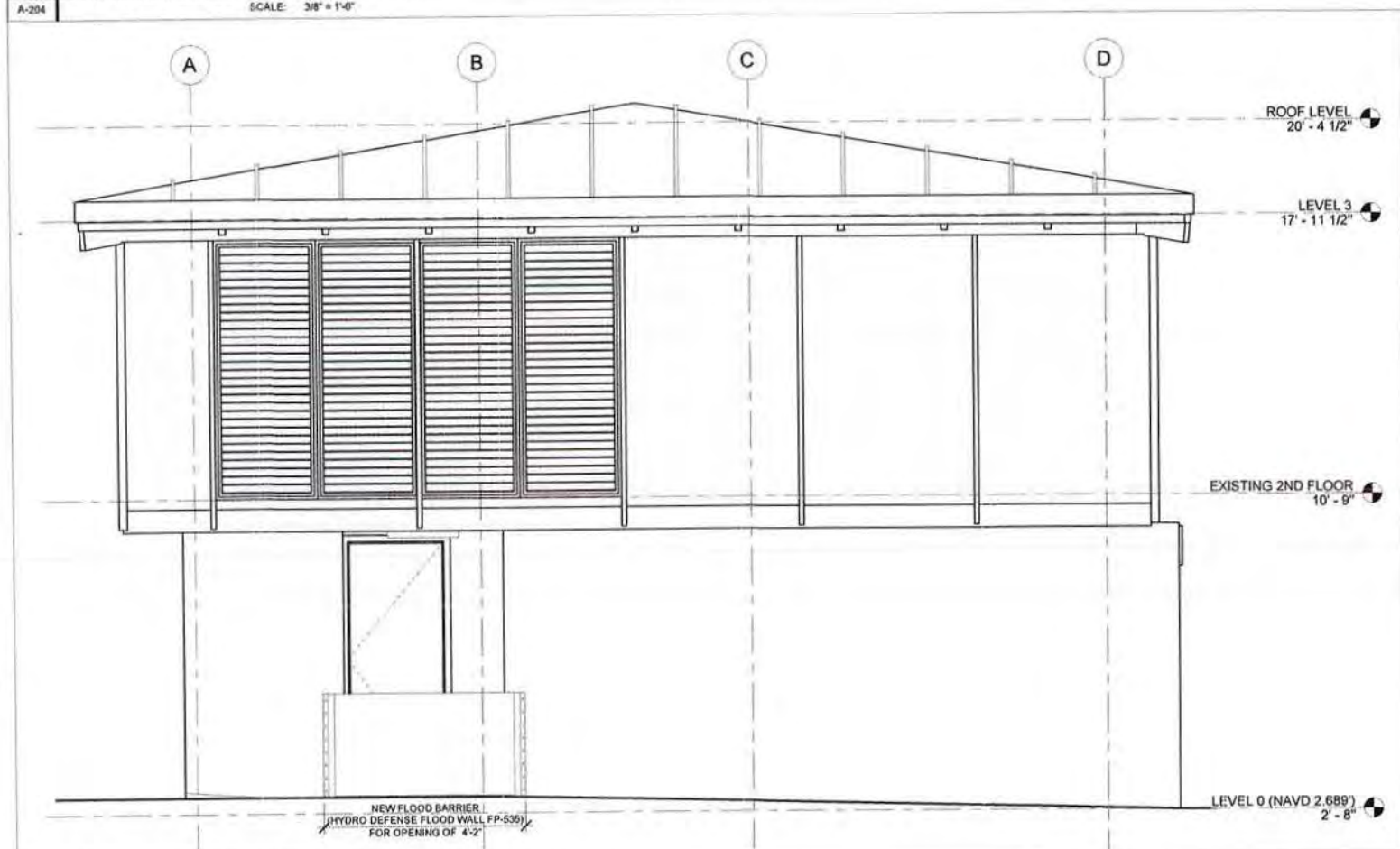
KEYPLAN

SHEET TITLE / SHEET NUMBER: **FACADE ELEVATION**

A-203



1 NEW FACADE ELEVATION FULL



2 NORTH EAST ELEVATION - FLOOD BARRIER



3 EXISTING GLASS SLIDING DOOR REF.



4 EXISTING FULL HEIGHT GLAZING REF.

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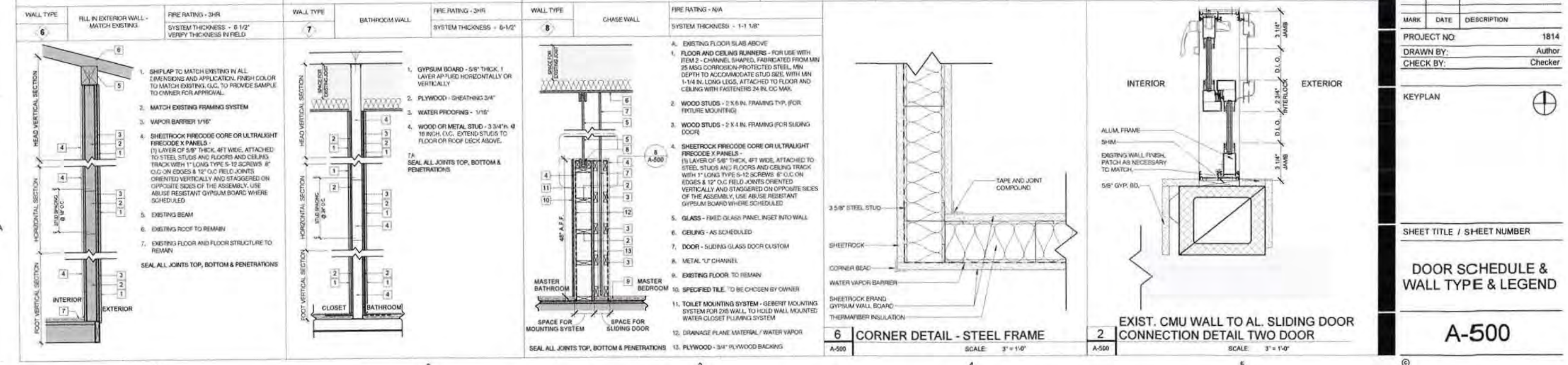
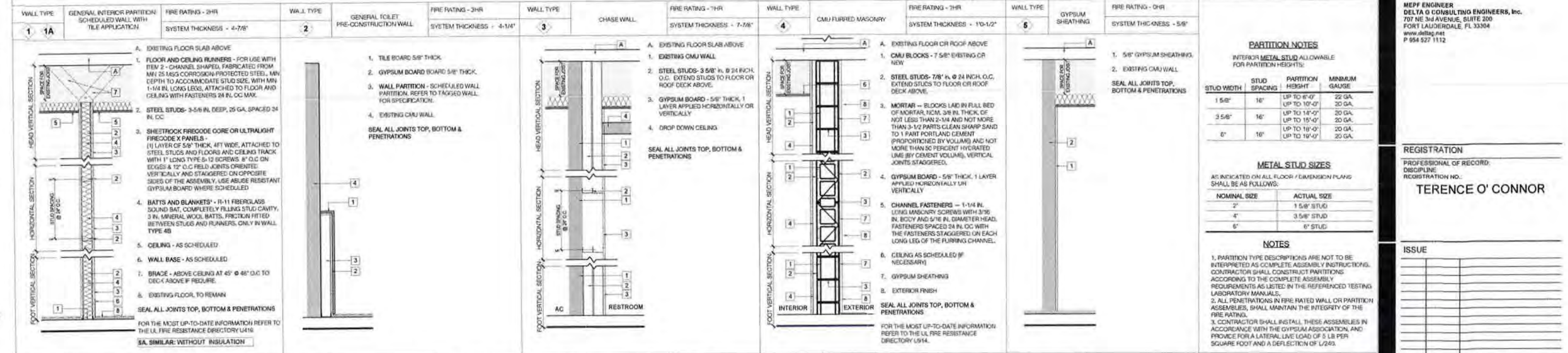
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KEYPLAN

SHEET TITLE / SHEET NUMBER
FACADE ELEVATIONS

A-204

DOOR SCHEDULE										WINDOW SCHEDULE												
DOOR NO.	ROOM NO.	ROOM	DOOR / SYSTEM DESCRIPTION	WIDTH	HEIGHT	THICK.	MATERIAL	FINISH	FRAME FINISH	FRAME MATERIAL	HARDWARE (EXT./INT.)	MANUFACTURER	SERIES / MODEL NUMBER	ROOM NO.	ROOM NAME	WINDOW / SYSTEM DESCRIPTION	WIDTH	HEIGHT	SERIES / MODEL NUMBER	MANUFACTURER	FRAME MATERIAL	
1	0.03	BATHROOM	CUSTOM POCKET DOOR	2'-0"	6'-0"	0'-1 3/4"	PRIMED SMOOTH SURFACE, READY FOR PAINT	PAIN COLOR AND FINISH TO BE CHOSEN BY OWNER	WOOD	WOODEN BUILT UP POCKET FRAME	INT.	JELD-WEN	CUSTOM	2.02	BEACHROOM	FIXED WINDOW	4'-0"	6'-0"	ES-EL150	ESWINDOW	ALUMINUM - ALLOY 6063	
2	0.03	A/C	SLIDING DOOR WITH LCVERS	2'-10"	6'-0"	0'-1"	PRIMED SMOOTH SURFACE, READY FOR PAINT	PAIN COLOR AND FINISH TO BE CHOSEN BY OWNER	WOOD	Pre-finished solid engineered wood	INT.	STEVES & SCANS	CUSTOM	2.03	MASTER BEDROOM	FIXED WINDOW	4'-0"	6'-0"	ES-EL150	ESWINDOW	ALUMINUM - ALLOY 6063	
3		LAUNDRY AREA	CUSTOM SLIDING DOOR	5'-0"	6'-3"	0'-3"	Primed smooth surface ready for painting	PAIN COLOR AND FINISH TO BE CHOSEN BY OWNER	WOOD	Pre-finished solid engineered wood	INT.	STEVES & SCANS	CUSTOM	0.01	LIVING AREA	FIXED WINDOW	2'-6 3/4"	6'-0"	ES-EL150	ESWINDOW	ALUMINUM - ALLOY 6063	
4	0.01	TO MAIN HOME	CUSTOM SLIDING DOOR	3'-0"	6'-3"	0'-0"	Primed smooth surface ready for painting	PAIN COLOR AND FINISH TO BE CHOSEN BY OWNER	WOOD	Pre-finished solid engineered wood	EXT.	STEVES & SCANS	CUSTOM	2.03	MASTER BEDROOM	CASEMENT WINDOW	3'-0"	6'-6"	ES-5000	ESWINDOW	ALUMINUM - ALLOY 6063	
5	0.02	STORAGE ROOM	CUSTOM SLIDING DOOR	2'-0"	6'-0"	0'-0"	WOOD		WOOD	Pre-finished solid engineered wood	INT.	STEVES & SCANS	CUSTOM									
6	0.01	TO REAR YARD	ESWINDOWS ES-400 SERIES SLIDING DOOR	7'-10"	6'-5"	0'-1"	ALUMINUM ALLOY ALLOY 6063 WITH 7/16" LAMINATED GLASS	CLEAR GLASS					ES-9000/8100									
7	2.03	MASTER BEDROOM	SLIDING DOOR, CHOSEN BY OWNER	2'-0"	6'-0"	0'-1"																
8	2.01	BEDROOM	SLIDING DOOR, CHOSEN BY OWNER	2'-0"	6'-0"	0'-0"																
9	2.06	BATHROOM	SLIDING DOOR, CHOSEN BY OWNER	2'-0"	6'-0"	0'-1"																
10	2.05	MASTER CLOSET	SLIDING DOOR, CHOSEN BY OWNER	2'-0"	6'-0"	0'-1"																
11	2.03	MASTER BATHROOM	SLIDING GLASS DOOR, CHOSEN BY OWNER	2'-0"	6'-0"	0'-1"																



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KEYPLAN

SHEET TITLE / SHEET NUMBER
DOOR SCHEDULE & WALL TYPE & LEGEND
A-500

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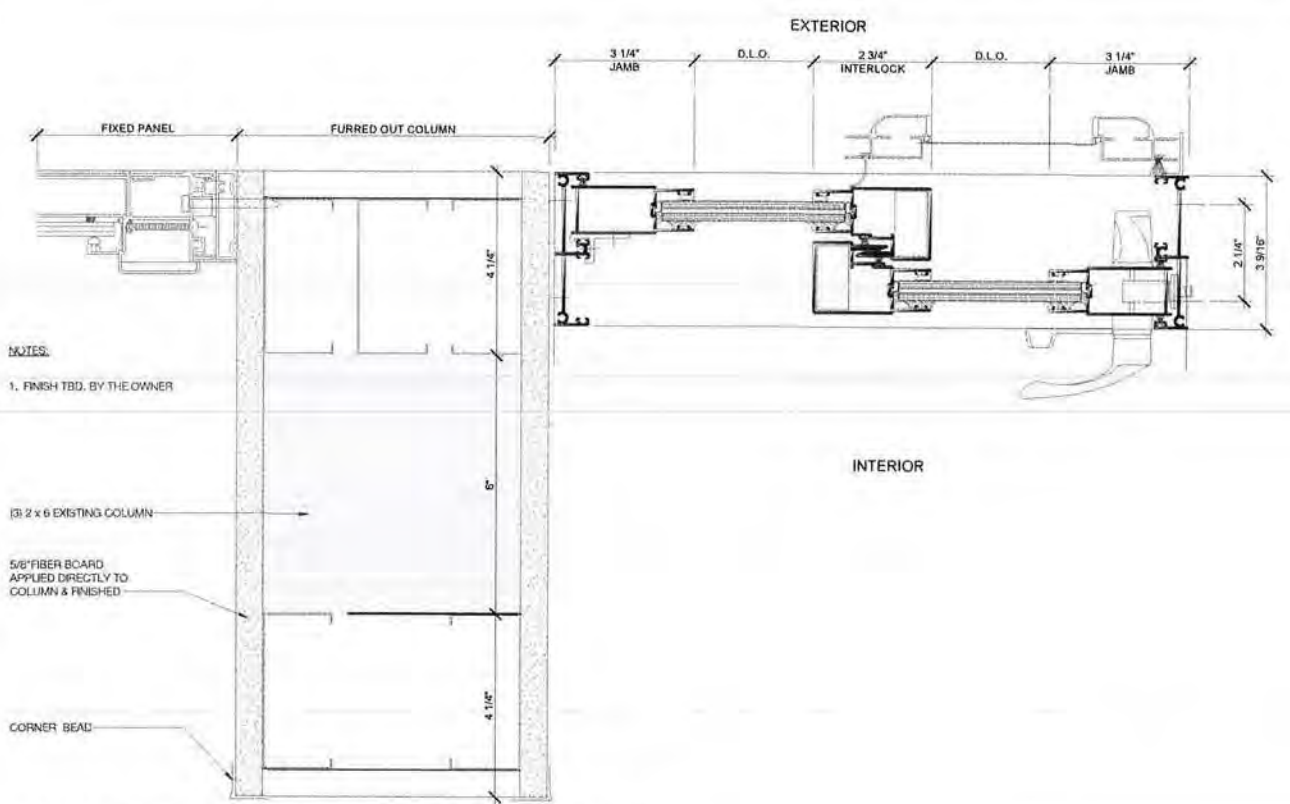
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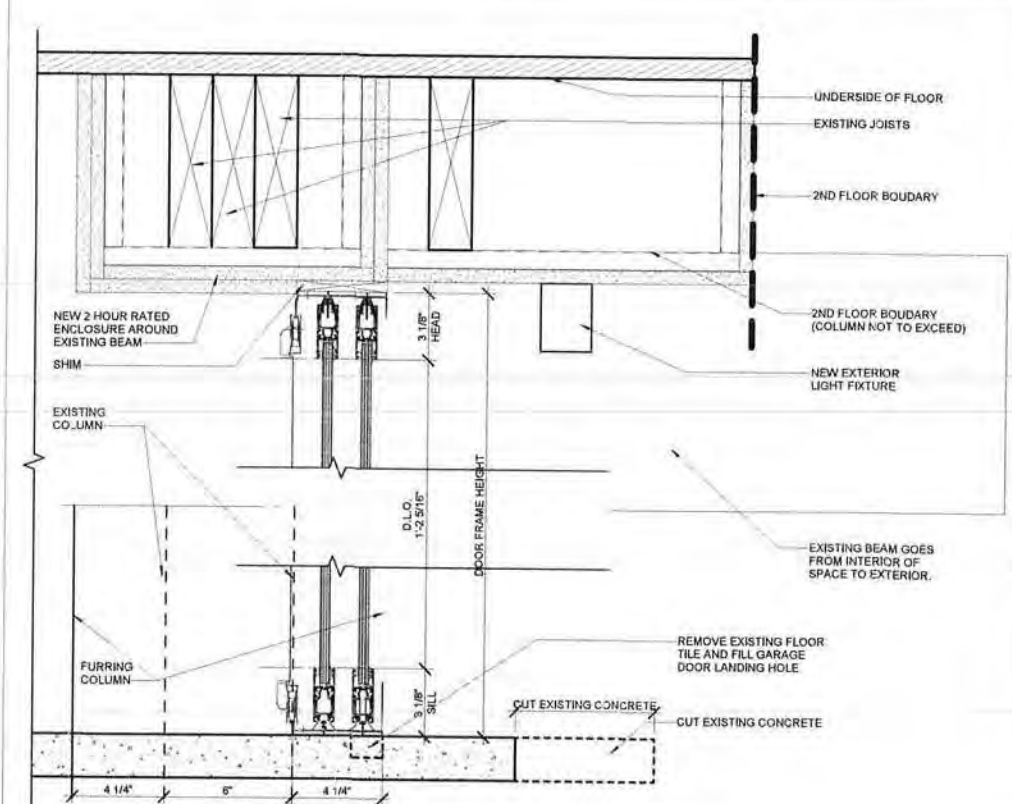
CONSULTANTS

MEPF ENGINEER
DELTA G CONSULTING ENGINEERS, Inc.
707 NE 3rd AVENUE, SUITE 200
FORT LAUDERDALE, FL 33304
www.delag.net
P 954-527-1112



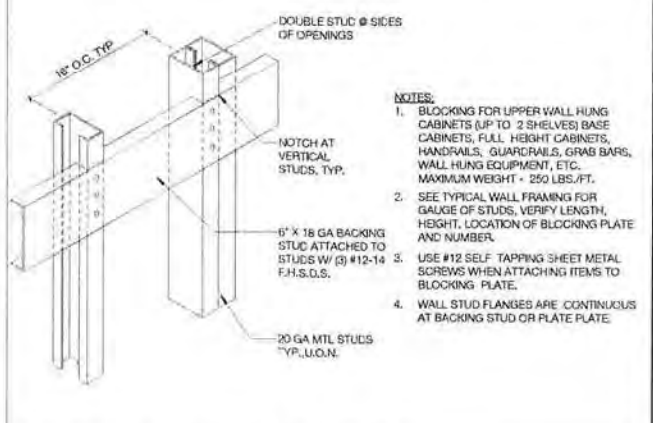
1 COLUMN ENCLOSURE & STACKING DOOR CONNECTION

1 DETAIL TWO DOOR
SCALE: 5" = 1'-0"



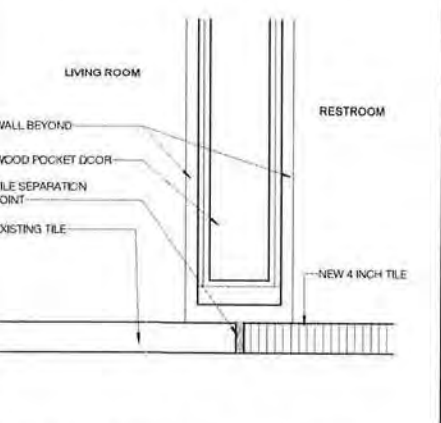
7 GLASS SLIDING DOOR DETAIL 2

SCALE: 3" = 1'-0"



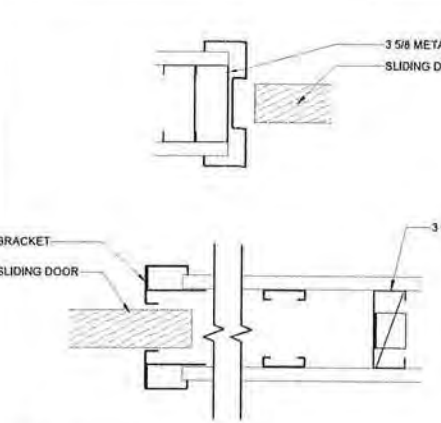
2 HEAVY DUTY BACKING DETAIL

SCALE: 1" = 1'-0"



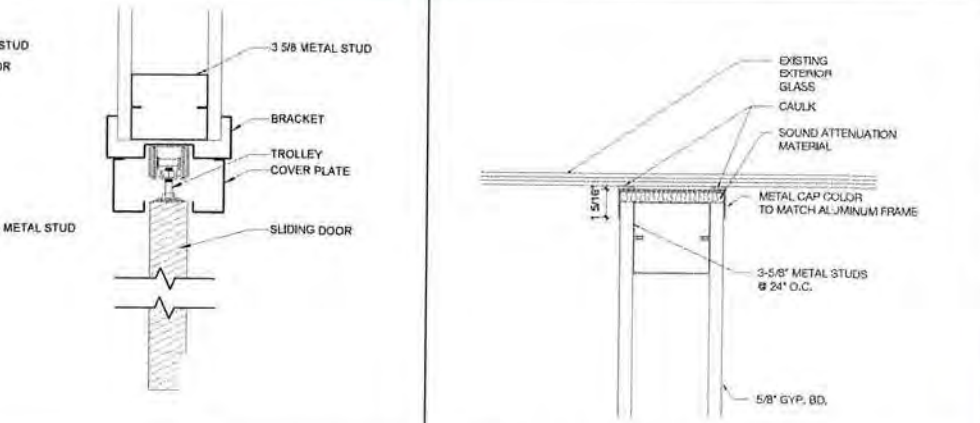
3 MARBLE THRESHOLD DETAIL

SCALE: 3" = 1'-0"



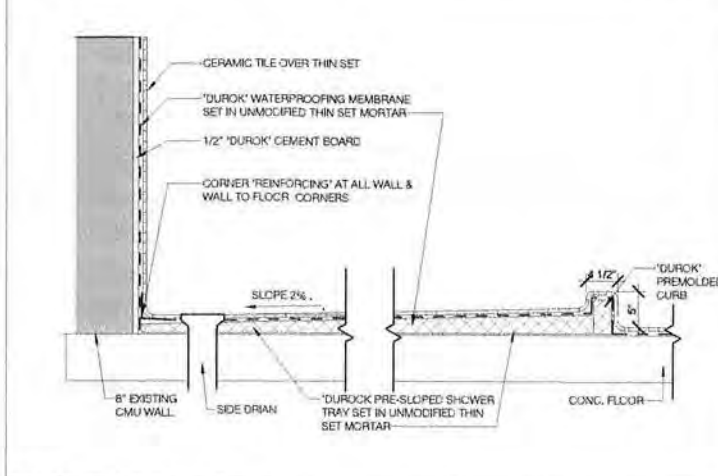
4 POCKET DOOR JAMB & HEAD

SCALE: 3" = 1'-0"



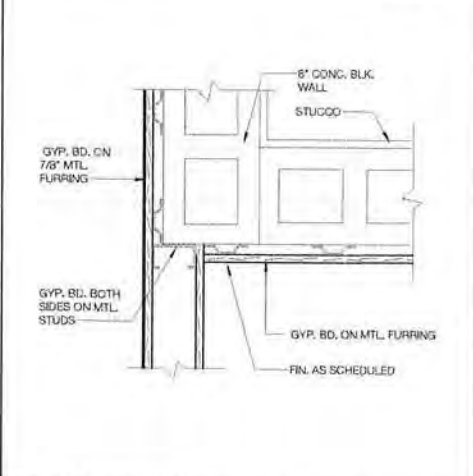
10 PARTITION AGAINST GLASS DETAIL

SCALE: 3" = 1'-0"



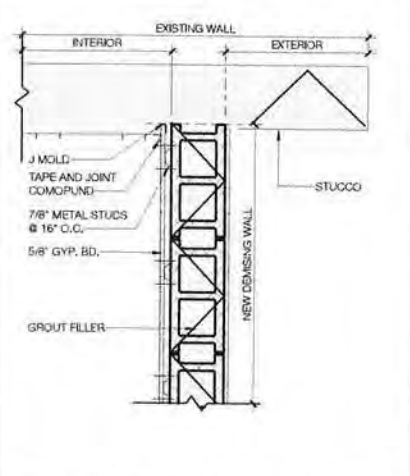
5 SHOWER PAN DETAILS

SCALE: 1" = 1'-0"



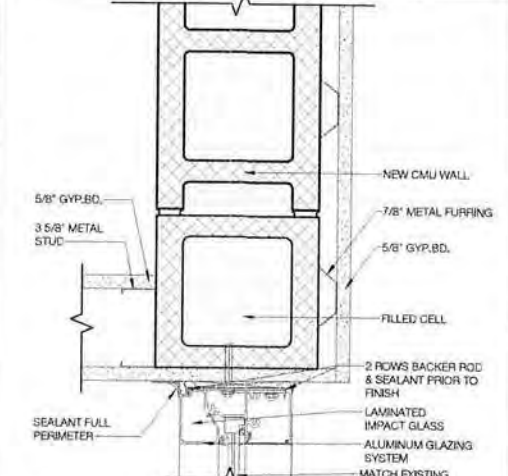
6 STUD TO MANSORY DETAIL

SCALE: 1" = 1'-0"



8 WALL CONNECTION DETAIL 2

SCALE: 1" = 1'-0"



9 FIXED GLASS PANEL TO CMU WALL

SCALE: 3" = 1'-0"

REGISTRATION

PROFESSIONAL OF RECORD:
DISCIPLINE:
REGISTRATION NO.:

TERENCE O'CONNOR

ISSUE

MARK DATE DESCRIPTION

PROJECT NO: 1814

DRAWN BY: Author

CHECK BY: Checker

KEYPLAN

SHEET TITLE / SHEET NUMBER

DETAIL

A-501



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

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

E.S. Windows, LLC
3550 NW 49th Street
Miami, FL 33142

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 "ES-5500" Aluminum Project Out Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W17-45**, titled "Series ES-5500 Project-Out Aluminum Wdw. (L.M.I.)", sheets 1 through 6 of 6, dated 04/20/17, with revision "C" dated 06/21/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Section 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 page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Sifang Zhao, P.E.**



S. Z
10/11/2018

NOA No. 17-0505.03
Expiration Date: October 11, 2023
Approval Date: October 11, 2018
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W17-45**, titled "Series ES-5500 Project-Out Aluminum Wdw. (L.M.I.)", sheets 1 through 6 of 6, dated 04/20/17, with revision "C" dated 06/21/18, 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) Drop Load Test, per CPCS 16 CFR 1201 (Cat 11)
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 7) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked-up drawings and installation diagram of a Project out aluminum window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8320**, dated 03/07/2017, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-6th Edition (2017)** dated 04/18/17 with revision dated 04/19/2018 and 06/20/2018, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. NOA No. **17-0808.02** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 12/28/17, expiring on 07/04/23.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-6th Edition (2017)**, dated June 20, 2018 issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Distribution agreement dated 08/01/18 between Energia Solar, SA, Columbia and Tecnoglass, LLC (USA), signed by MS. Carla Garcia, Int'l Sales Manager and MS. Evelyn Daes, General Manager on behalf of their respective companies.
3. Proposal issued by Product Control Section, dated 10/16/14, signed by Jaime D. Gascon, P.E.

G. OTHERS

1. None.



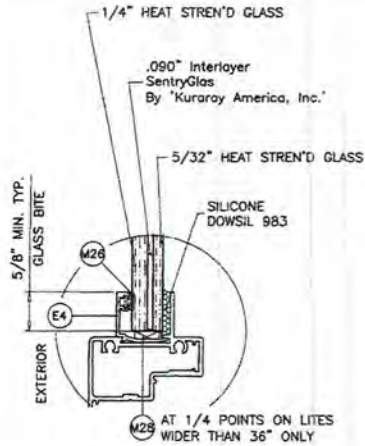
Sifang Zhao, P.E.

Product Control Examiner

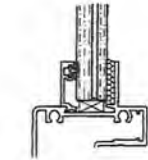
NOA No. 17-0505.03

Expiration Date: October 11, 2023

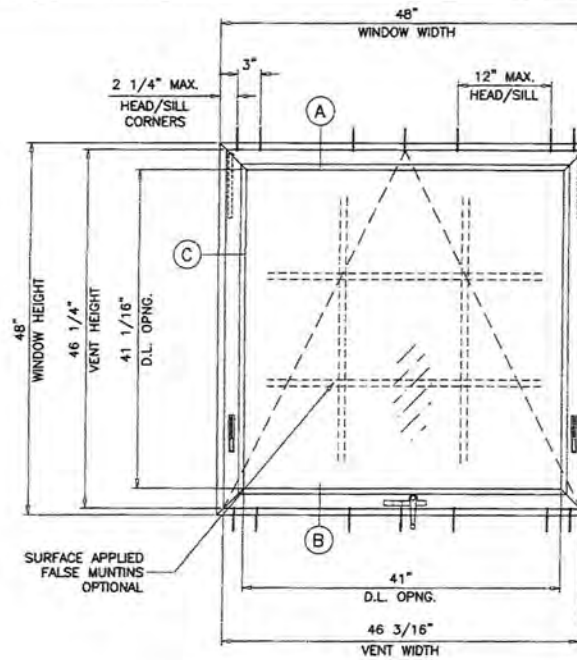
Approval Date: October 11, 2018



GLAZING DETAIL



SETTING BLOCKS AT LAM. GLASS NOTCH GLAZING BEAD LEG TO CLEAR BLOCKS



TYPICAL ELEVATION

MAXIMUM DESIGN LOAD RATING = + 100.0 PSF
(FOR SIZE SHOWN ABOVE OR SMALLER) - 125.0 PSF

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

PRODUCT COMPLIES WITH REQUIREMENTS OF ANSI Z97.1. SAFEGUARD REQUIREMENTS TO BE VERIFIED.

ES-5500

PROJECT-OUT ALUMINUM WINDOW (L.M.I.)

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF P.O./P.O. OR PROJECT OUT WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

Approved as complying with the Florida Building Code
Date 10/11/2018
NOAE 17-0505-03
Miami Dade Product Control

By



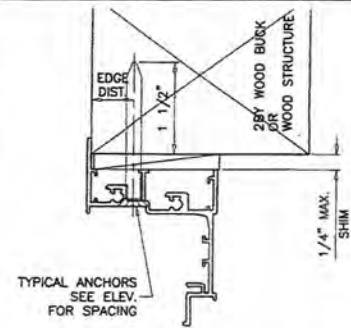
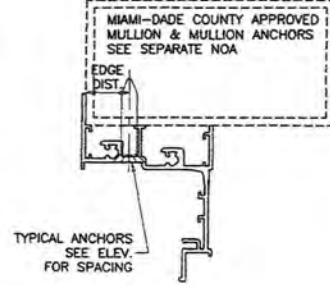
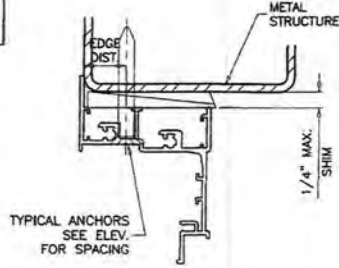
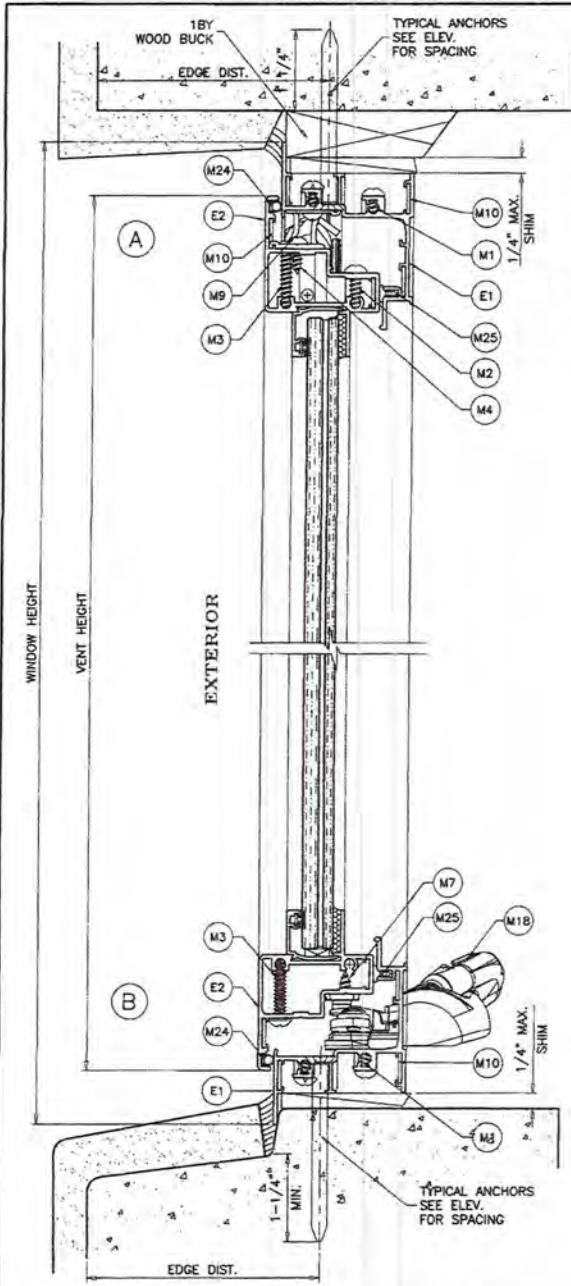
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 8538)
MIAMI, FLORIDA 33173
TEL. (305) 264-6100 FAX. (305) 262-6878
COMP-ANL W17-45ES

ES-5500 PROJECT-OUT ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-0151 FAX. (305) 638-5158

Revisions:	no	date	by	description
A	10-30-17	REV. PER PER COMMENTS		
B	04-18-18	REV. PER PER COMMENTS		
C	06-21-18	NO CHANGE THIS SHEET		

date: 04-20-17
scale: 3/4"=1'-0"
dr. by: TARG
chk. by:

drawing no. **W17-45**
sheet 1 of 6



WOOD BUCKS AND METAL STRUCTURE NOT BY E.S. WD.W. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" DIA ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL) THRU 1BY BUCKS INTO CONCRETE 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL) DIRECTLY INTO CONCRETE 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
1/4" DIA TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS) INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR INTO METAL STRUCTURES (HEAD/SILL) (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE
 INTO CONCRETE = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 11/16" MIN.
 INTO METAL STRUCTURE = 11/16" MIN.
 WOOD AT HEAD OR SILL SG = 0.55 MIN.
 CONCRETE AT HEAD OR SILL f'c = 3000 PSI MIN.

Approved as complying with the Florida Building Code
 Date 10/18/2018
 NOA# 17-0502.03
 Miami Dade Product Control
 By [Signature]

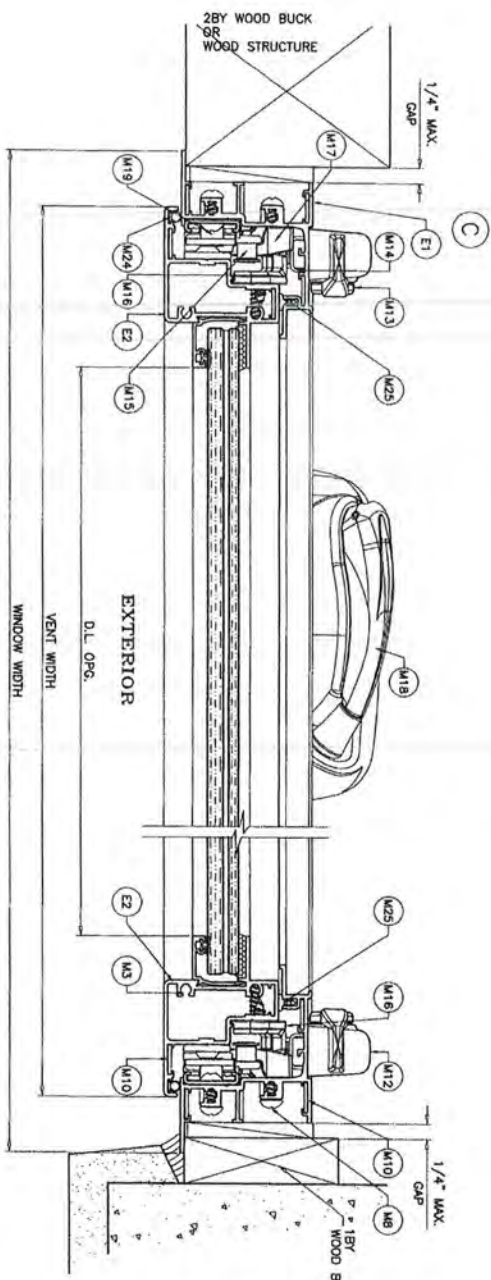
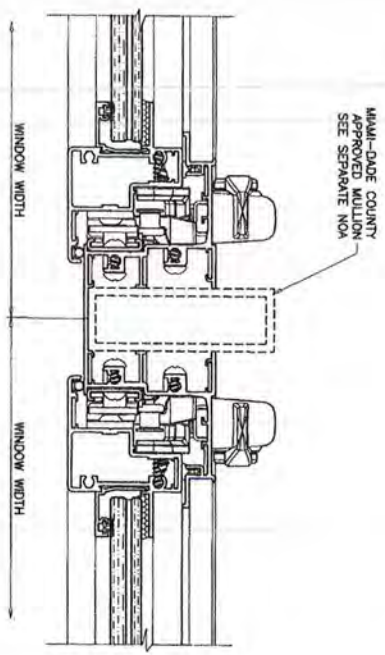


AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA, 33173
 TEL. (305) 264-8100 FAX. (305) 264-0978
 COMP-ANL W17-45CS

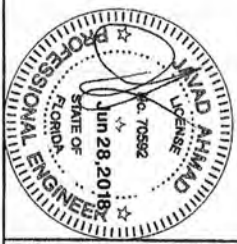
ES-5500 PROJECT-OUT ALUMINUM WD.W. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

Revisions:	date	by	description
not done			
A	10.30.17		REV. PER RER COMMENTS
B	04.18.18		REV. PER RER COMMENTS
C	06.21.18		NO CHANGE THIS SHEET

date: 04-20-17
 scale: 1/2" = 1"
 dr. by: TARO
 chg. by:
 drawing no. W17-45
 sheet 2 of 6



Approved as complying with the
Florida Building Code
Date of Issue: 06/28/2018
Miami-Dade Product Control



date: 04-20-17
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

no	date	by	description
A	10.30.17		REV. PER RER COMMENTS
B	04.19.18		REV. PER RER COMMENTS
C	06.21.18		NO CHANGE THIS SHEET

ES-5500 PROJECT-OUT ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978



COMP-ANL\W17-45ES

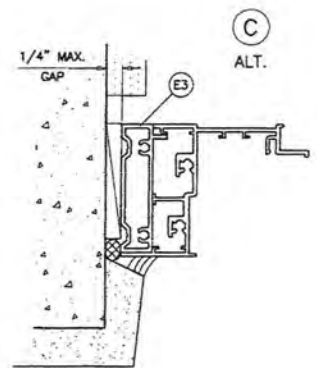
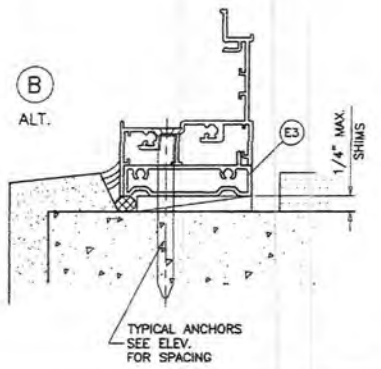
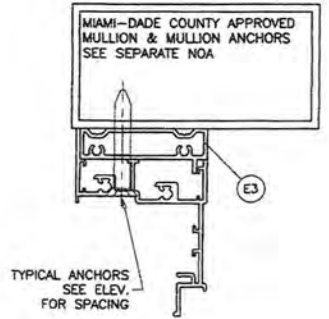
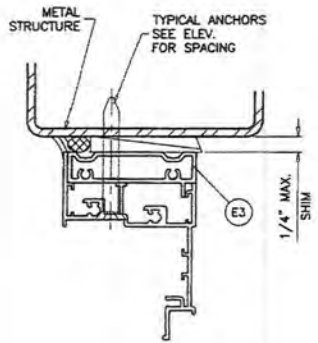
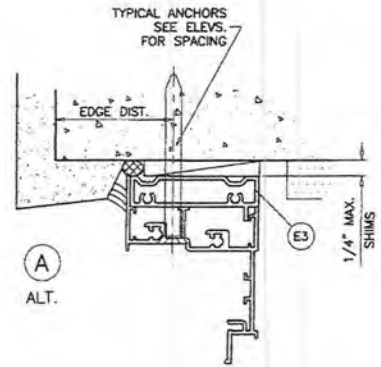
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AL-FAROQQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 53560 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3636)
 TEL (305) 264-8100 FAX (305) 262-6878
 COMP-ANI W17-45ES

ES-5500 PROJECT-OUT ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

NO	DATE	DESCRIPTION
A	10.30.17	NO CHANGE THIS SHEET
B	04.10.18	REV. PER REB COMMENTS
C	08.27.18	NO CHANGE THIS SHEET

date: 01-20-17
 scale: 1/2" = 1"
 dr. by: TARGO
 chg. by:
 drawing no.
W17-45
 sheet 4 of 6



INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER

Approved as complying with the Florida Building Code
 Date: 10/11/2018
 NOA#: 17-0505.03
 Miami Dade Product Control
 By: *[Signature]*



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	ES-5001	4	FRAME	6063-T6	-
E2	ES-5002	4	VENT	6063-T6	-
E3	ES-5017	AS REQD.	FLUSH FRAME ADAPTER	6063-T6	-
E4	ES-1017	4	GLAZING BEAD (LAM. GLASS)	6063-T6	-
M1	#10 X 1"	2/ CORNER	FRAME ASSEMBLY SCREWS	ST. STEEL	PH SMS
M2	#10 X 1-1/4"	1/ CORNER	VENT ASSEMBLY SCREWS	ST. STEEL	PH SMS
M3	#10 X 1-1/2"	1/ CORNER	VENT ASSEMBLY SCREWS	ST. STEEL	PH SMS
M4	#8 X 1/2"	AS REQD.	SNUBBER FASTENERS	ST. STEEL	PH SMS
M4A	#10 X 1/2"	6/ HINGE	HINGE INSTALLATION SCREWS	ST. STEEL	PH SMS
M4B	#10 X 1/2"	2/ KEEPER	KEEPER INSTALLATION SCREWS	ST. STEEL	PH SMS
M5	#8 X 1/2"	-	CLAP WASHER FASTENERS	ST. STEEL	PH MS
M6	#8 X 1/2"	-	SCREEN HOLDER FASTENERS	ST. STEEL	FH SMS
M7	#8 X 1/2"	8	OPERATOR FASTENERS	ST. STEEL	FH SMS
M8	#10 X 1-1/4"	2	BAR GUIDE FASTENERS	ST. STEEL	FH SMS
M8B	#8 X 1/2"	8	PLATE FASTENERS	ST. STEEL	FH SMS
M9	WS-100 (ES-5004)	AS REQD.	SNUBBER	DIE CAST ALUM	-
M10	PJS43-SS	AS REQD.	CORNER KEY	ST. STEEL	-
M11	CL01-0475	-	MULTI POINT LOCKING HANDLE	DIE CAST ZINC	-
M12	CL02-2045	-	SNAP ON COVER	DIE CAST ZINC	-
M13	CL02-1020	-	SNAP ON HANDLE	PLASTIC	-
M14	CL01-4001	-	CLAMP WASHER	ST. STEEL	-
M15	CL02-0021	-	LOCK BAR	ST. STEEL	-
M16	CL02-2036	-	LOCK KEEPER	ACETAL	-
M17	CL02-2027	3/ JAMB	BAR GUIDE, AT 8", 12-3/4" & 20-1/4" FROM BOTTOM	ACETAL	-
M18	CO11-0605	-	COVER OPERATOR HANDLE	-	-
M19	AMC-320	2	4 BAR HINGE	ST. STEEL	AMC MANUFACTURING
M20	CO11-0651-000	-	OPERATOR SPACER	-	-
M21	CO11-2202	-	OPERATOR SPACER	-	-
M22	CO11-2322	-	OPERATOR BRACKET	-	-
M23	CO11-0451-085	-	AWNING OPERATOR	-	-
M24	E206	AS REQD.	OUTER W'STRIPPING	EPDM	DUROMETER 60±5 SHORE A
M25	ES5005	AS REQD.	INNER W'STRIPPING	EPDM	DUROMETER 60±5 SHORE A
M26	ES-5008 (27-425)	AS REQD.	GLAZING GASKET	EPDM	DUROMETER 70±5 SHORE A
M28	ES-9000-B01(80-341)	2/ LITE	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A

SEALANTS:

ALL FRAME AND VENT CORNERS AND INSTALLATION SCREWS SEALED WITH CLEAR/ALUMINUM COLORED SEALANT.

LOCKS:

SURFACE MOUNT METALLIC THREE POINT LOCK SYSTEM WITH ACTIVATING LEVER TYPE CAM LOCKS LOCATED AT 10" FROM BOTTOM AT FRAME JAMBS FASTENED WITH (2) #8-32 X 1/2" PH SMS

SURFACE MOUNT NYLON KEEPERS LOCATED AT 5", 16" AND 22-1/2" FROM BOTTOM AT VENT JAMB RAILS EACH FASTENED WITH (2) #8 X 1/2" FH SMS

HINGES:

SURFACE MOUNT METALLIC 4 BAR HINGES BY 'ADVANTAGE MFG. CORP.' LOCATED AT WINDOW FRAME UPPER CORNERS FASTENED TO FRAME WITH (3) #10 X 1/2" PH SMS FASTENED TO VENT WITH (4) #10 X 1/2" PH SMS

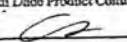
ANTI BLOW OUT CLIPS:

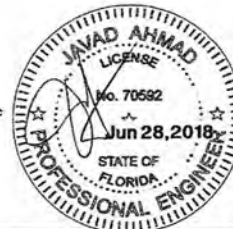
1-1/2" LONG ALUMINUM ANTI BLOW OUT CLIPS AT FRAME HEAD AND VENT TOP RAIL LOCATED AT 11-1/2" FROM EACH END FASTENED WITH (2) #8 X 1/2" FPH SMS

OPERATOR:

SURFACE MOUNT METALLIC ROTO OPERATOR LOCATED AT MIDSPAN OF FRAME SILL FASTENED WITH (6) #8 X 3/4" FH SMS

SURFACE MOUNT 2-3/8" LONG NYLON OPERATOR TRACK LOCATED AT MIDSPAN OF BOTTOM RAIL FASTENED WITH (2) #8 X 1/2" FH SMS

Approved as complying with the Florida Building Code
 Date: 10/17/2018
 NOA# 17-0505-03
 Miami Dade Product Control
 By: 



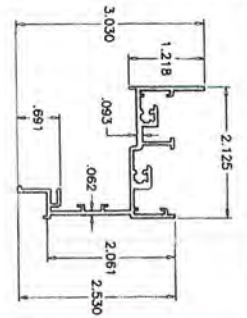
af c
AL-FAROQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33179 (C.A.N. 3636)
 TEL. (305) 284-6100 FAX. (305) 262-6978
 COMP-ANIL W17-45ES

ES-5500 PROJECT-OUT ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

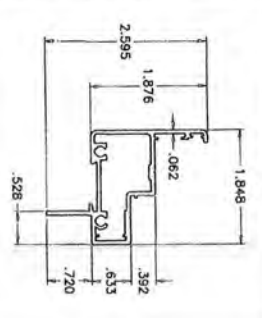
Revisions:
 no. date by description
 A 10/30/17 REV. PER REVISIONS
 B 04/18/18 REV. PER REVISIONS
 C 06/21/18 REV. PER REVISIONS

date: 04-20-17
 scale: 1/2" = 1"
 dr. by: DARG
 chk. by:

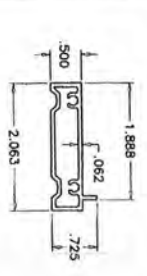
drawing no.
W17-45
 sheet 5 of 6



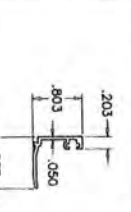
(E1) FRAME



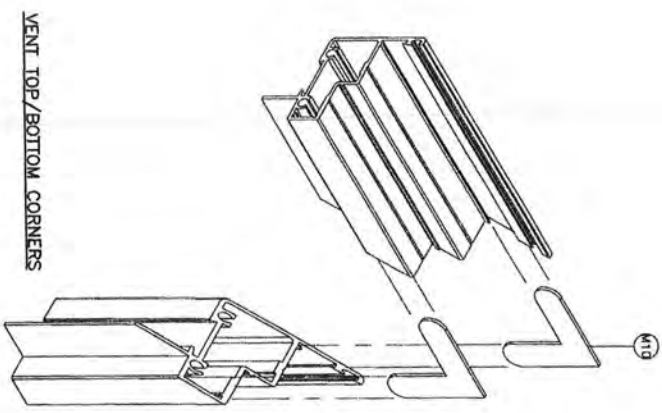
(E2) VENT



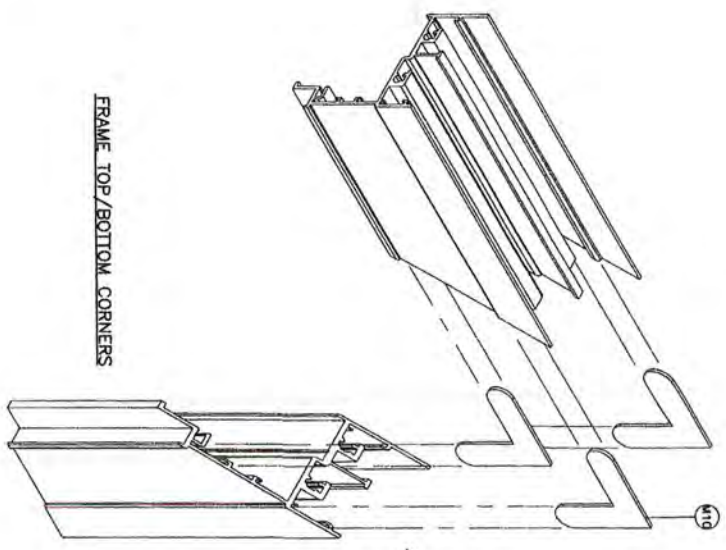
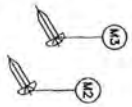
(E3) FLUSH FRAME ADAPTER



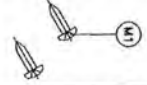
(E4) GLAZING STOP (LAM. GLASS)



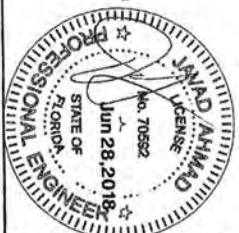
VENT TOP/BOTTOM CORNERS



FRAME TOP/BOTTOM CORNERS



Approved as complying with the Florida Building Code
 Date: 10/11/2018
 NOAH 17-080503
 Miami Date Product Control



no	date	description
A	10.30.17	REV. PER RER COMMENTS
B	04.19.18	REV. PER RER COMMENTS
C	06.21.18	NO CHANGE THIS SHEET

date: 04-20-17
 scale: 1/2" = 1"
 dr. by: TARIQ
 chk. by:

ES-5500 PROJECT-OUT ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978



August 1, 2019

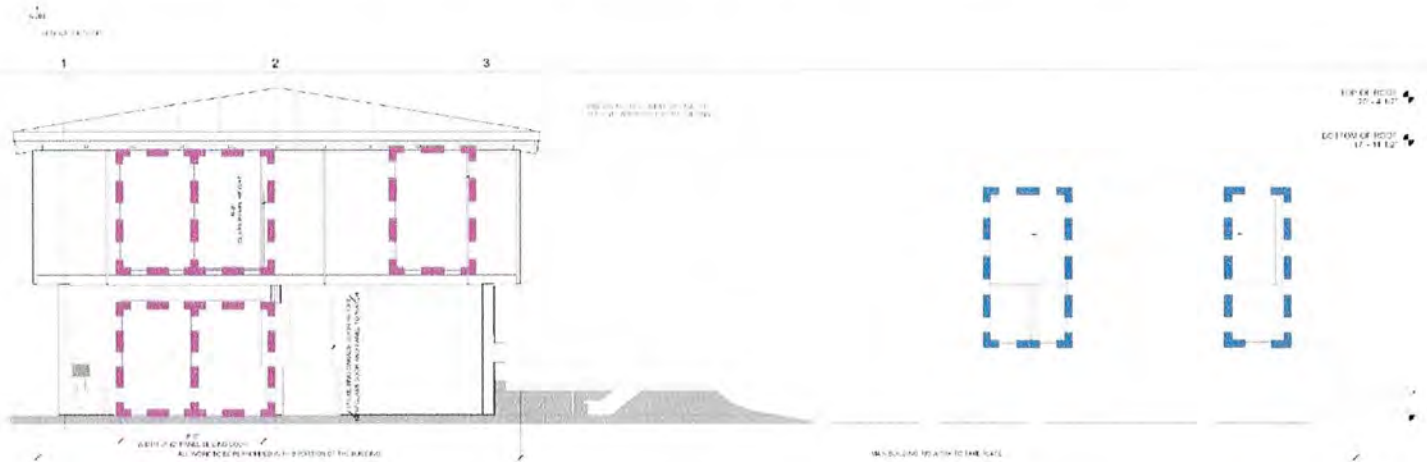
Members of the City of Fort Lauderdale
Historic Preservation Board
700 N. W. 19th Avenue
Fort Lauderdale, FL 33311

Re: **Sailboat Bend Historic District and Certificate of Appropriate
Nothard Home Architectural Narrative**

Dear Members of the Historic Preservation Board:

This letter shall provide the narratives for the Sailboat Bend Material and Design Guidelines, and the criteria for a Certificate of Appropriateness for a Renovation.

The following demonstrates the specific items to meet the requirements for Sec 47-17.7



Private Residence – Existing North West Façade (Full)– Facing Canal

glavovicstudio.com

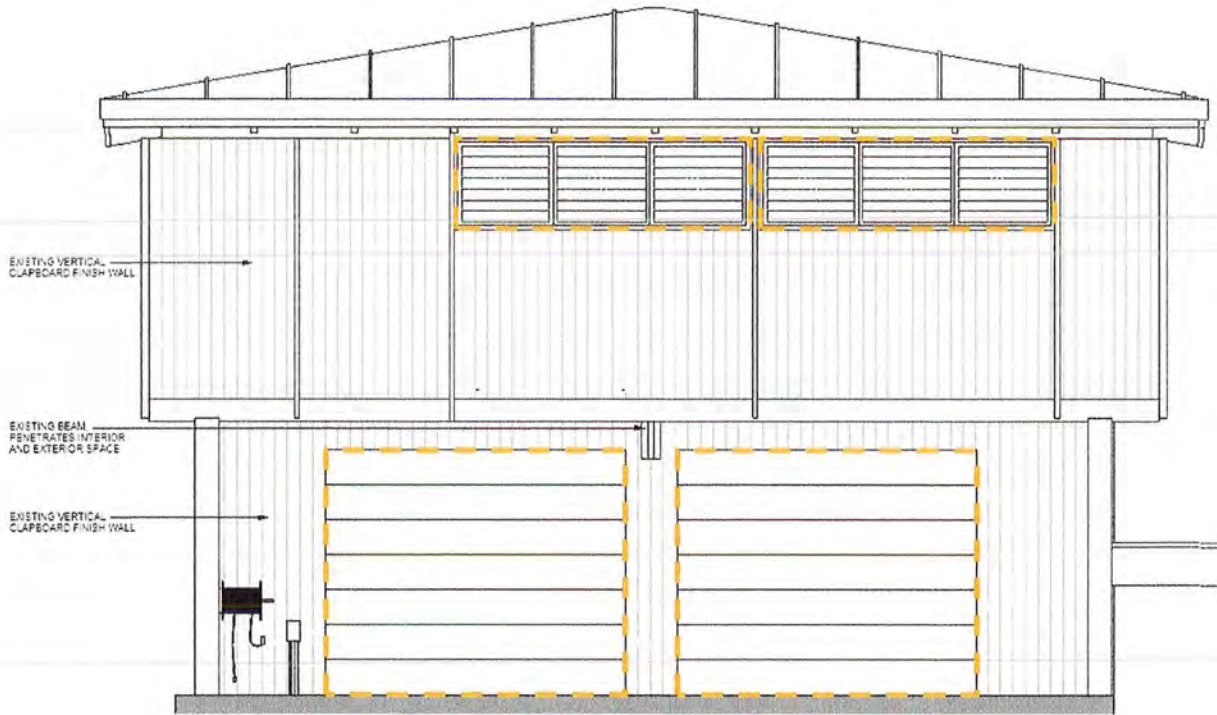
724 NE 3 Avenue

Fort Lauderdale, FL 33304

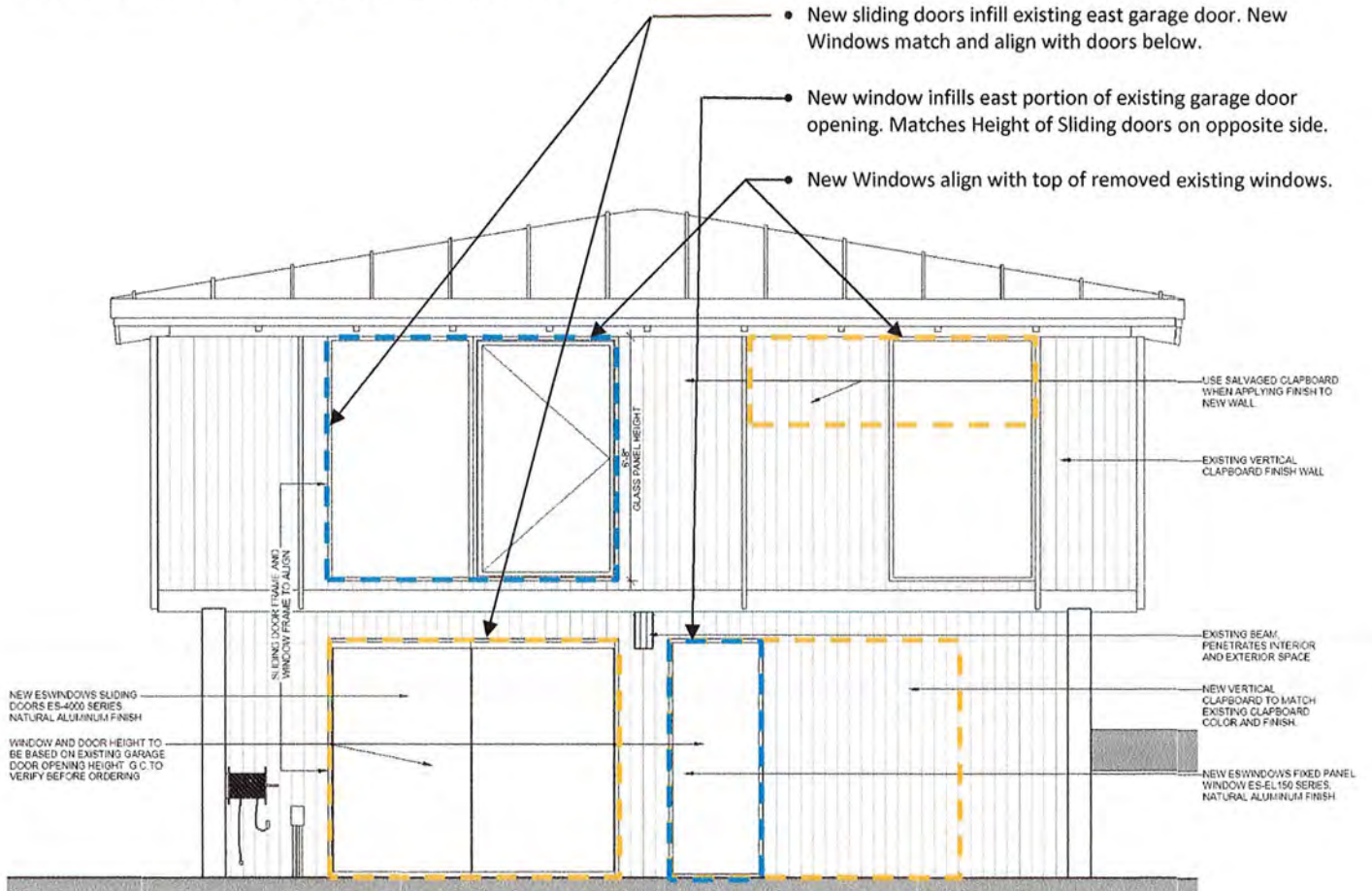
P 954 524 572B

F 954 524 5729

AA 0003643



Private Residence – Existing North West Façade – Facing Canal



Private Residence – New North West Façade – Facing Canal

SEC. 47-17.7. - MATERIAL AND DESIGN GUIDELINES

A. *Applicability.* The SBHD material and design guidelines shall be read in conjunction with the existing guidelines provided in this section and shall be utilized as additional criteria for the consideration of an application for a certificate of appropriateness for the following:

2. *Alteration.* The material and design guidelines shall be used in identifying existing features of the original structure and encourage restoration in line with these features and to encourage inclusion of historical features when compatible with the character of the original structure.

- *Below are our responses to the material and design guidelines, identifying existing features of the original structure and encourage inclusion of historical features when compatible with the character of the original structure.*

B. Materials and designs.**1. Exterior building walls.****a. Materials and finish.**

i. Stucco: float finish, smooth or coarse, machine spray, dashed or trowled.

(N/A)

ii. Wood: clapboard, three and one-half (3½) inches to seven inches to the weather; shingles, seven inches to the weather; board and batten, eight inches to 12 inches; shiplap siding smooth face, four inches to eight inches to the weather.

- *Matching shiplap (salvaged and new matching) shiplap wood siding as specified by original Architect (seen in the attached photograph to either side of the existing garage doors, and also above on the second story) is to be installed and blended along with the existing shiplap in order to create as much of a seamless transition between the two.*

iii. Masonry: coral, keystone or split face block; truncated or stacked bond block.

(N/A)

2. Windows and doors.**a. Materials.**

i. Glass (clear, stained, leaded, bevelled and non-reflective tinted).

- *Glass is non-reflective.*

ii. Translucent glass (rear and side elevations only).

- *Glass is translucent.*

iii. Painted and stained wood. *(N/A)*

iv. Aluminum and vinyl clad wood. *(N/A)*

v. Steel and aluminum.

- *The Aluminum glass doors, and the floor to ceiling fixed glass panel we propose, are the same in material and look as the aluminum glass sliding door specified by the original Architect in the Living Area of the House (reference Sheet A-204).*
- *One fixed pane window that matches the doors (there is a central beam that supports the second floor that extends below the door height and prohibits the use of sliding doors across the whole opening).*
- *On the upstairs portion of that same façade, we propose to expand the existing small bathroom windows to allow for a better outlook over the water from the bedrooms. The same aluminum and*

glass window style that is being used to replace the garage doors has been specified. All doors and windows are far more energy efficient and are Hurricane rated.

- vi. Glass block. (N/A)
- vii. Flat skylights in sloped roofs. (N/A)
- viii. Domed skylights on flat roofs behind parapets. (N/A)

b. Configurations.

- i. Doors: garage nine feet maximum width. (N/A)
- ii. Windows: square; rectangular; circular; semi-circular; semi-ellipse; octagonal; diamond; triangular; lited only to gable ends.

- Windows are rectangular

c. Operations.

- i. Windows: single and double hung; casement; fixed with frame; awning; sliders (rear and side only); jalousies and louvers.

- (3) Windows are fixed windows and (1) is a casement window (rear side only).

d. General. (SECTION N/A)

- i. Wood shutters sized to match openings (preferably operable).
- ii. Wood and metal jalousies.
- iii. Interior security grills.
- iv. Awnings.
- v. Bahama shutters.
- vi. Screened windows and doors.

3. Roofs and gutters. (SECTION N/A)

a. Roof—materials.

- i. Terra cotta.
- ii. Cement tiles.
- iii. Cedar shingles.
- iv. Steel standing seam.
- v. 5-V crimp.
- vi. Galvanized metal or copper shingles (Victorian or diamond pattern).
- vii. Fiberglass/asphalt shingles.
- viii. Built up roof behind parapets.

b. Gutters.

- i. Exposed half-round.
- ii. Copper.
- iii. ESP aluminum.
- iv. Galvanized steel.
- v. Wood lined with metal.

c. Configurations.

- i. Roof: The pitch of new roofs may be matched to the pitch of the roof of existing structures on the lot. Simple gable and hip, pitch no less than 3:12 and no more than 8:12. Shed roofs attached to a higher wall, pitch no less than 3:12. Tower roofs may be any slope. Rafters in overhangs to be exposed. Flat with railings and parapets, where permitted, solar collectors and turbine fans at rear port.
4. **Outbuildings.** (SECTION N/A)
- a. *Materials and finish.*
 - i. Stucco: float finish, smooth or coarse, machine spray, dashed or trowled.
 - ii. Wood: clapboard, three and one-half (3½) inches to seven inches to the weather; shingles, seven inches to the weather; board and batten, eight inches to 12 inches; shiplap siding smooth face, four inches to eight inches to the weather.
 - iii. Masonry: coral, keystone or split face block; truncated or stacked bond block.
5. **Garden walls and fences.** (SECTION N/A)
- a. *Materials and style.*
 - i. Stucco: float finish, smooth or coarse, machine spray, dashed or trowled.
 - ii. Wood: picket, lattice, vertical wood board.
 - iii. Masonry: coral, keystone or split face block; truncated or stacked bond block.
 - iv. Metal: wrought iron, ESP aluminum, green vinyl coated chain link.
 - b. *Configurations.*
 - i. Front: spacing between pickets maximum six inches clear.
6. **Arcades and porches.** (SECTION N/A)
- a. *Materials and finish.*
 - i. Stucco (at piers and arches only): float finish, smooth or coarse, machine spray, dashed or trowled.
 - ii. Wood: posts and columns.
 - iii. Masonry (at piers and arches only): coral, keystone or split face block; truncated or stacked bond block.
 - iv. Metal (at railings only): wrought iron, ESP aluminum.

SEC. 47-24 - DEVELOPMENT PERMITS AND PROCEDURES**Sec. 47-24.11.C****C. Certificate of appropriateness.****1. When permit is required.**

- a. No person may undertake any of the following actions affecting a designated landmark, a designated landmark site, or a property in a designated historic district without first obtaining a certificate of appropriateness from the historic preservation board:
 - i. Alteration of an archeological site, or (N/A)
 - ii. New construction, or (N/A)
 - iii. Demolition, or (N/A)
 - iv. Relocation. (N/A)
 - v. Alteration of the exterior part of a building or a structure or designated interior or portion thereof of a building or structure; however, ordinary repairs and maintenance that are otherwise permitted by law may be undertaken without a certificate of appropriateness, provided this work on a designated landmark, a designated landmark site, or a property in a

designated historic district does not alter the exterior appearance of the building, structure or archeological site, or alter elements significant to its architectural or historic integrity.

- *Proposing an alteration to a home of a portion the exterior of a building in a designated historic district. This alteration is compatible with the original architect's design intent and does not alter elements significant to its architectural or historic integrity. We intend to use material and style that match with the style of the original Architect.*

vi. When located within a designated historic district, uses of land such as those including but not limited to, furniture placed outdoors, pushcarts, mobile or non-mobile vending machines and trolley cars placed on private property.

b. Whenever any alteration, new construction, demolition or relocation is undertaken on a property in a designated historic district without a certificate of appropriateness, the building official shall issue a stop work order.

- *Acknowledged*

c. Review of new construction and alterations to designated buildings and structures shall be limited to exterior features of the structure, except for designated interior portions. Whenever any alteration, new construction, demolition or relocation is undertaken on a designated landmark, a designated landmark site, or buildings or structures within a district without a certificate of appropriateness, the building director shall issue a stop work order.

- *Not applicable*

d. A certificate of appropriateness shall be a prerequisite and in addition to any other permits required by law. The issuance of a certificate of appropriateness by the board shall not relieve the property owner of the duty to comply with other state and local laws and regulations.

- *Acknowledged*

Sec. 47-24.11.C.3

3. *Alterations, new construction or relocation.*

a. *Application for alterations, new construction or relocation.* An application for a certificate of appropriateness for alterations, new construction or relocation shall be made to the department and shall include the following information, in addition to the general application requirements described in [Sec. 47-24.1](#):

i. Drawings or plans or specifications of sufficient detail to show the proposed exterior alterations, additions, changes or new construction as are reasonably required for decisions to be made by the historic preservation board and the department. Such drawing plans or specifications shall include exterior elevations, architectural design of buildings and structures, including proposed materials, textures and colors, including all improvements such as walls, walks, terraces, plantings, accessory buildings, signs and lights and other appurtenant elements.

- *Refer to attached drawing submission set.*

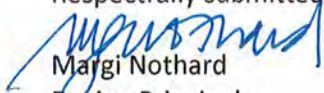
CERTIFICATE OF APPROPRIATENESS: ALTERATION***Response to Sec. 47-24.11.C.3.c.***

ii. Additional guidelines; alterations. In approving or denying applications for certificates of appropriateness for alterations, the board shall also consider whether and the extent to which the following additional guidelines, which are based on the United States Secretary of the Interior's Standards for Rehabilitation, will be met:

- a) Every reasonable effort shall be made to provide a compatible use for a property that requires minimal alteration of the building, structure, or site and its environment, or to use a property for its originally intended purpose;
 - *Every reasonable effort has been made to provide minimal alteration of the building. No change to the use of the site or building has been proposed.*
- b) The distinguishing original qualities or character of a building, structure, or site and its environment shall not be destroyed. The removal or alteration of any historic material or distinctive architectural features should be avoided when possible;
 - *Acknowledged*
- c) All buildings, structures, and sites shall be recognized as products of their own time. Alterations which have no historical basis and which seek to create an earlier appearance shall be discouraged;
 - *Acknowledged*
- d) Changes which may have taken place in the course of time are evidence of the history and development of a building, structure, or site and its environment. These changes may have acquired significance in their own right, and this significance shall be recognized and respected;
 - *Acknowledged*
- e) Distinctive stylistic features or examples of skilled craftsmanship which characterize a building, structure, or site, shall be treated with sensitivity;
 - *Distinctive stylistic features of the structure have been carefully studied and kept. The Aluminum glass doors, and the floor to ceiling fixed glass panel we propose, are the same in material and look as the aluminum glass sliding door specified by the original Architect in the Living Area of the House (reference Sheet A-204).*
- f) Deteriorated architectural features shall be repaired rather than replaced, wherever possible. In the event replacement is necessary, the new material should match the material being replaced in composition, design, color, texture, and other visual qualities. Repair or replacement of missing architectural features should be based on accurate duplications of features, substantiated by historical, physical, or pictorial evidence, rather than on conjectural designs or the availability or different architectural elements from other buildings or structures;
 - *Matching shiplap (salvaged and new matching) shiplap wood siding as specified by original Architect (seen in the attached photograph to either side of the existing garage doors, and also above on the second story) is to be installed and blended along with the existing shiplap in order to create as much of a seamless transition between the two.*

- g) The surface cleaning of structures shall be undertaken with the gentlest means possible. Sandblasting and other cleaning methods that will damage the historic building materials shall not be undertaken; and
- *Acknowledged. Cleaning will be undertaken using the gentlest means possible*
- h) Every reasonable effort shall be made to protect and preserve archeological resources affected by, or adjacent to, any acquisition, protection, stabilization, preservation, rehabilitation, restoration, or reconstruction project.
- *Acknowledged*

Respectfully submitted,



Margi Nothard

Design Principal

President

Glavovic Studio Inc.



SUSTAINABLE DEVELOPMENT – URBAN DESIGN & PLANNING

HISTORIC PRESERVATION BOARD (HPB) SAILBOAT BEND HISTORIC DISTRICT CERTIFICATE OF APPROPRIATENESS APPLICATION

Rev: 1 | Revision Date: 2/23/2017 | Print Date: 2/23/2017
I.D. Number: SBHDCOAA

HISTORIC PRESERVATION BOARD (HPB)

SAILBOAT BEND HISTORIC DISTRICT Certificate of Appropriateness Application

- Cover: Deadline & Fees
- Page 1: Applicant Information Sheet
- Page 2: Technical Specifications of Application
- Page 3: Technical Specifications of Application - continued
- Page 4: Submittal Checklist

DEADLINE: Submittals must be received by 4:00 PM by submittal deadline (see website for dates). Pursuant to Section 47-24.1(1), the Department will review all applications to determine completeness within five (5) business days. Applicants will be notified via email, if plans do not meet the submittal requirements and if changes are required.

FEES: All applications for a development permit shall have an application fee as established by the City Commission as set forth by resolution, as amended from time to time. In addition to the application fee, any additional costs incurred by the City including review by a consultant on behalf of the City or special advertising costs shall be paid by the applicant. Any additional costs, which are unknown at the time of application but are later incurred by the City, shall be paid by the applicant prior to the issuance of a development permit.

Certificate of Appropriateness for:

<input checked="" type="checkbox"/> Minor Alteration/Review & Comment	\$ 230.00
<input type="checkbox"/> Major Alteration/Addition to Existing	\$ 310.00
<input type="checkbox"/> New Construction ≤ 2000 SF GFA	\$ 310.00
<input type="checkbox"/> New Construction > 2000 SF GFA	\$ 560.00
<input type="checkbox"/> Demolition – Accessory	\$ 230.00
<input type="checkbox"/> Demolition – Primary	\$ 560.00
<input type="checkbox"/> Relocation	\$ 490.00

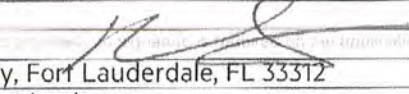
Page 1: HPB - Applicant Information Sheet

INSTRUCTIONS: Please print or type all information. The application must be filled out accurately and completely. Answer all questions. Do not leave an item blank. If an item does not apply, write N/A (Not Applicable). The following information requested is per Unified Land Development Regulations (ULDR). Incomplete applications will not be accepted.

NOTE: To be filled out by Department

Case Number	
Date of complete submittal	
Zoning Review	
Landscape Review	

NOTE: For purpose of identification, the **PROPERTY OWNER** is the **APPLICANT**

Property Owner's Name	Kim Nothard
Property Owner's Signature	
Address, City, State, Zip	215 SW 14th Way, Fort Lauderdale, FL 33312
E-mail Address	nothard@comcast.net
Phone Number	954-600 9750
Proof of Ownership	<input type="checkbox"/> Warranty Deed or <input checked="" type="checkbox"/> Tax Record

NOTE: If **AGENT** is to represent **OWNER**, notarized letter of consent is required

Applicant / Agent's Name	N/A
Applicant / Agent's Signature	
Address, City, State, Zip	
E-mail Address	
Phone Number	
Letter of Consent Submitted	

Development / Project Name	Nothard Residence
Development / Project Address	Existing: 215 SW 14th Way New: N/A
Legal Description	River Highlands 10-3 B Lots 1, 2 BLK 2 & together with W1/2 of VAC POR of SW 14th Way Lying E & Adj to said lots
Tax ID Folio Numbers (For all parcels in development)	5042 09 17 0020
Request / Description of Project	Convert Garage to livable area. Remove garage Doors, close portion of opening and replace with sliding glass doors.
Applicable ULDR Sections	Section 47-24.11.C. and Section 47-17.7.B
Total Estimated Cost of Project	\$ 20,000.00 (including land costs)

Future Land Use Designation	Low Medium 8
Current Zoning Designation	RS 8
Current Use of Property	Single Family Home
Residential SF (and Type)	2,277sf (Single Family Home)
Number of Residential Units	1
Non-Residential SF (and Type)	None (N/A)
Total Bldg. SF (include structured parking)	2,277 sf
Site Adjacent to Waterway	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Dimensional Requirements	Required	Proposed
Lot Size (SF / Acreage)	16,481 sf	16,481 sf
Lot Density	1	1
Lot Width	100 ft	100 ft
Building Height (Feet / Levels)	23ft/2	23 ft/2
Structure Length	78 ft	78 ft
Floor Area Ratio	13.81%	13.81%
Lot Coverage	2,628 sf	2,628 sf
Open Space	13,853 sf	13,853 sf
Landscape Area	13,853	13,853
Parking Spaces	2	2

NOTE: State north, south, east or west for each yard

Setbacks/Yards*	Required	Proposed
Front []	25 Feet	50.33 ft
Side []	5 Feet	15.75 ft
Side []	25 feet (abutting waterway)	40.79 ft
Rear []	25 feet	34.5 ft

Page 2: Technical Specifications of Application

TECHNICAL SPECIFICATIONS:

Applicant must provide a narrative indicating that the following criteria has been satisfied: See Attached

Description of the Project

1. **Yards.** Is a Yard Reduction or Minimum Distance Separation Required? Yes No
(If Yes, please complete the remainder of this section)
- Front of Building Faces: North South East West Other
 - Principal Structure Yard Setbacks (Feet): Front _____ Rear _____ Left Side _____ Right Side _____
Street Side? N/A Left Right
 - Accessory Structure #1 Yard Setbacks (Feet): Front _____ Rear _____ Left Side _____ Right Side _____
Street Side? N/A Left Right
 - Accessory Structure #2 Yard Setbacks (Feet): Front _____ Rear _____ Left Side _____ Right Side _____
Street Side? N/A Left Right
 - Distance Between Structures (Feet): Principal Structure and Accessory Structure #1: _____
Principal Structure and Accessory Structure #2: _____
2. **Alterations to Non-Conforming Structures?** Yes No
- Nature of Non-Conformity: Yard Setbacks Alterations exceed 50% of Value of Structure
 Existing Use NOT permitted under current zoning and alterations exceed 50% of value of structure
3. **Material and Design Guidelines.** Shown below are the Sailboat Bend Historic District Material and Design Guidelines. If you choose to use a material or design not listed in the guidelines, check the "Other" box and be prepared to present to the Historic Preservation Board your justification for proposing a material or design which does not conform to the guidelines.
- a) Exterior Building Walls N/A
- 1) Stucco
Finish Float, Smooth; Coarse; Machine Spray; Dashed; Trowelled; Other* _____
 - 2) Wood
Finish: Clapboard, 3 1/2"-7" to the weather, Shingles, 7" to the weather
 Board and Batten, 8"-12" to the weather, Shiplap Siding Smooth Face 4"-8" to the weather,
 Other* _____
 - 3) Masonry
Finish Coral, Keystone; Split Face Block; Truncated Block; Stack Bond Block; Other* _____
- b) Windows and Doors N/A
- 1) Glass Block
 - 2) Glass Clear Stained, Leaded; Beveled; Non-Reflective-Tinted; Other* _____
 - 3) Translucent Glass, Side Elevation, Rear Elevation, Other* _____
 - 4) Skylights: Flat Skylights in Sloped Roofs; Domed Skylights in Flat Roofs Behind Parapet Other* _____
 - 5) Window Frame Materials: Wood-Painted or Stained, Wood-Vinyl Clad; Wood-Aluminum Clad
 Steel, Aluminum; Other* _____
- c) Configurations N/A
- 1) Garage Doors - 9' Maximum Width; Other* _____
 - 2) Windows (check all applicable) Square; Rectangular; Circular; Semi-Circular; Semi-Ellipse;
 Octagonal; Diamond; Triangular-Gables End Only; Other* _____
- d) Window Operations N/A
- Single Hung; Double Hung; Casement; Fixed with Frame; Awning
 Sliders-Side and Rear Only; Jalousie; Louvers; Other* _____
- e) General N/A
- Operable Shutters Sized to Match Openings, Non-Operable Shutters*
 Jalousies Wood, Metal
 Awnings Wood, Canvas, Other* _____
 Interior Security Grilles
 Bahama Shutters Wood; Other* _____
 Screened Windows; Screened Doors; Other* _____

Page 3: Technical Specifications of Application – continued

- f) Roofs and Gutters (X) N/A
- 1) Roofs Materials: () Terra-Cotta; () Cement Tiles; () Cedar Shakes; () Steel Standing Seam; () 5-V Crimp
 () Galvanized Metal Shingles; () Fiberglass/Asphalt Shingles; () Copper Shingles;
 () Built-Up Roof behind Parapets; () Victorian Pattern; () Diamond Pattern
 () Other* _____
- 2) Gutters: () Exposed Half-Round; () Copper; () ESP Aluminum; Galvanized Steel; () Wood-Lined with Metal;
 () Other* _____
- 1) Roof Configuration: Type - () Simple Gable; () Hip
 Pitch - () No less than 3.12 and no more than 8.12 (< 3.12 or > 8.12 requires DRC approval)
 () Shed Roof attached to a higher wall (Any pitch less than 3.12 requires HPB approval)
 () Tower Roof (Any slope is allowed)
 () Flat with Parapet; () Flat with Railings; Other* _____
 () Rafter s in Overhangs to be Exposed; Other* _____
 () Solar Collectors or Turbine Fans (Rear Part of Roof)

- g) Outbuildings (X) N/A
- () Outbuilding rider attached

- h) Garden Walls and Fences (X) N/A
- 1) Materials/Style: () Stucco Finish () Float () Smooth; () Coarse; () Machine Spray;
 () Dashed or Trowelled;
 () Other* _____
 () Wood () Picket; () Lattice; () Vertical Wood Board
 () Other* _____
 () Masonry () Coral; () Keystone; () Split Face Block;
 () Truncated Block; () Stacked Bond Block;
 () Other* _____
 () Metal () Wrought Iron; () ESP Aluminum;
 () Chainlink (Green Vinyl Coated);
 () Other* _____
- 2) Configurations: () Front Yards spacing between pickets maximum 6" clear

- i) Arcades and Porches (X) N/A
- Materials/Style: () Stucco Finish (At Piers and Arches only) () Float; () Smooth () Coarse;
 () Dashed; () Trowelled; () Machine Spray;
 () Other* _____
 () Wood (Posts and Columns)
 () Masonry (At Piers and Arches only) () Coral; () Keystone; () Split Face Block;
 () Truncated Block; () Stacked Bond Block;
 () Other* _____
 () Metal (At Railings only) () Wrought Iron; () ESP Aluminum;
 () Other* _____

Page 4: Submittal Checklist

SUBMITTAL CHECKLIST:

Applicant shall provide to the Planning and Zoning counter a complete application, one (1) full set of plans, and any additional requirements, as specified below. Within five (5) days of receipt, Urban Design & Development staff shall review the application to determine its completeness and compliance with the ULDR.

For those applications that can be approved administratively (See Sec. 47-17.4), once the application is deemed complete the applicant shall submit seven (7) additional sets of plans/applications/photos with additional requirements as listed below. For cases that require a hearing before the Historic Preservation Board, the applicant will be required to submit one (1) original and fifteen (15) additional sets of plans/applications/photos with any additional requirements.

FOR ALL APPLICATIONS:

- Complete application. No items are to be left blank. If it does not apply, indicate with 'n/a'.
- Provide Proof of Ownership
- Property owners signature and/or agent letter signed by the property owner
- 1 sealed survey
- 1 vicinity map (typically on the survey)
- 1 zoning and land use map of lands within a 700' radius

NEW CONSTRUCTION & ALTERATION:

- Photos of that part of the building that will be modified (e.g., if front elevation is to be modified, supply a photo of the front and label it with the direction it faces [i.e. FRONT – NORTH]).
- 1 set of sealed drawings that include the site plan, building elevations and floor plan. All drawings must be drawn to scale. Scale cannot exceed 1" = 30'. In addition, drawings shall include the following: proposed exterior alterations, additions, changes, architectural design of buildings/structures, including proposed materials, textures and colors, including walls, walks, terraces, plantings, accessory buildings, signs and lights.
- 1 landscape plan for any multi family or non-residential development.
- 1 set of Product Approvals, Manufacturers' Specifications, or brochures for all building features to be modified (see page 2 of the application). For example, windows, doors, roofs, fences, siding, garages, carports, etc...

FOR NEW CONSTRUCTION ONLY:

- Photos or elevation drawings of buildings adjacent to the subject site.

DEMOLITION:

- Demolition Rider completely filled out, signed and dated.
- A site plan showing the proposed demolition.
- Photos of all sides of structure to be demolished and label the direction each side faces.
- Mail requirements: The applicant must submit a tax map, property owners list, stamped, addressed standard envelopes. The mail affidavit must be signed.
- Sign posting requirements. The applicant must post signs and return the signed affidavit prior to the meeting.

RELOCATION:

- A site plan showing the property as it currently exists and a proposed site plan of how the property will look once the building is relocated.
- Narrative describing what the plans are for the site to be vacated, whether the building or structure can be moved without sufficient damage to its physical integrity, and the compatibility of the building or structure to its proposed site and adjacent properties.
- Photos of all sides of structure to be relocated and label the direction each side faces. If structure is to be relocated to another site, photos of that site as well.

HISTORIC DESIGNATION:

- Application (page 1 and 2) must be COMPLETELY FILLED OUT (all blanks filled-in or marked N/A). Proof of ownership if owner is applicant. If applicant is not property owner, this shall be noted on the application).
- Legal description of the landmark site, historic building or district written out.
- Photographs of subject building from all four sides and label the direction each side faces.
- Narrative describing (1) the architectural, historical, or archaeological significance of the proposed landmark, landmark site, (2) date of construction of the structures on the property, (3) names of current and past owners and, if possible, their dates of ownership.

I acknowledge that the Required Documentation and Technical Specifications of the application are met:

Print Name _____

PE / AIA Seal _____

Signature _____

Date _____

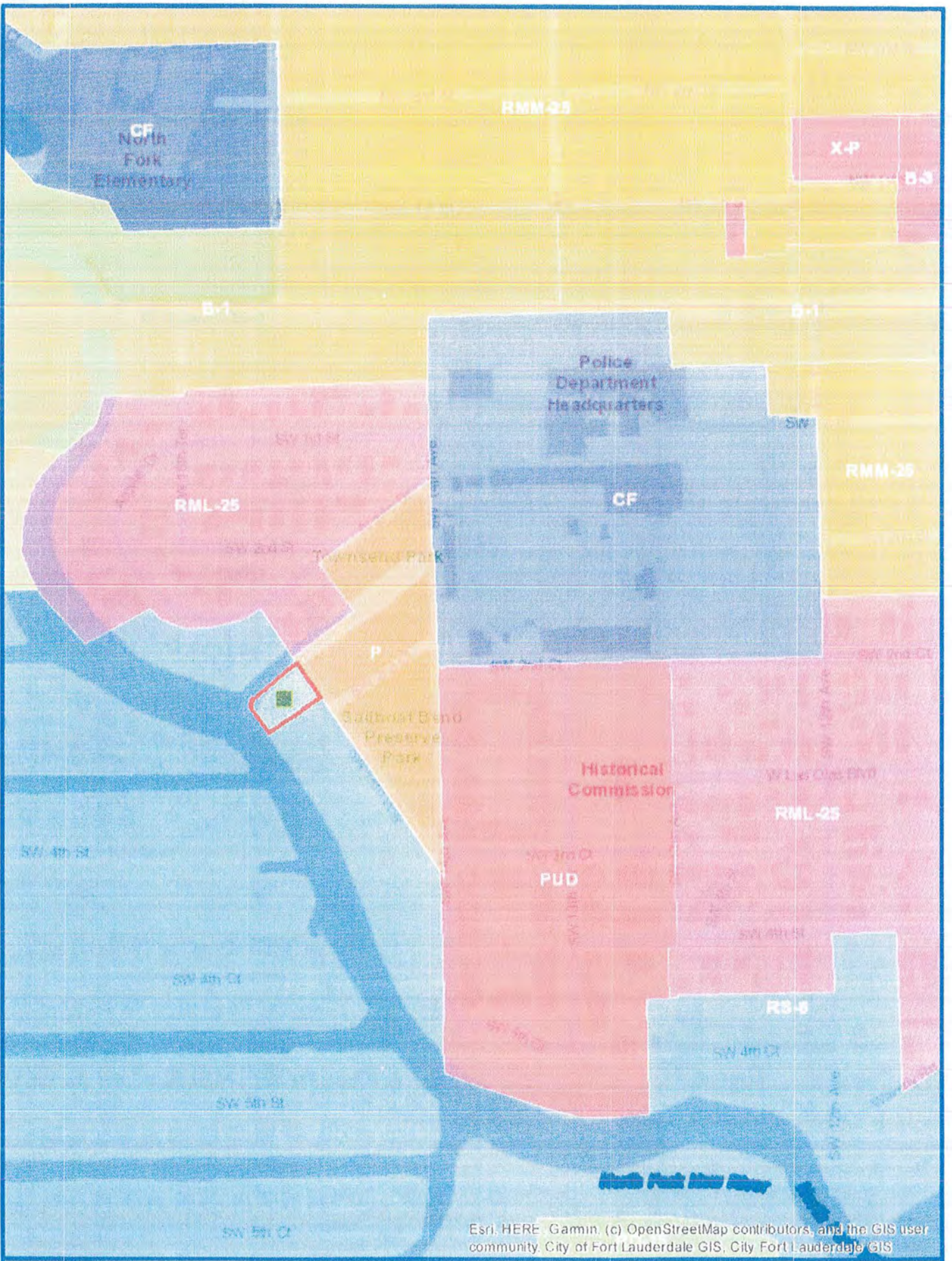
For Design & Development staff use only:

Date _____

Received By _____

Tech. Specs
Reviewed By _____

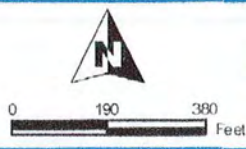
Case No. _____



Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, City of Fort Lauderdale GIS, City Fort Lauderdale GIS



Zoning GIS Map





ALUMINUM AND
GLASS SLIDING
DOOR IN
LIVING AREA.



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

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

www.miamidade.gov/economy

ES Windows, LLC
3550 NW 49th Street
Miami, FL 33142

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 "EL-150" Aluminum Single Fixed Windows – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W16-70 Rev B**, titled "ES-EL150 Fixed Aluminum Wdw. (L.M.I)", sheets 1 through 9 of 9, dated 11/13/16 and last revised on DEC 07, 2017, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision 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.

Limitations:

1. See design Pressure VS window sizes and glass types in charts in sheet **3**. See glazing types in sheet 2.
2. See sheet 5 for optional mulled side by side installation (Approved impact mullion, under separate approval), when the windows are mulled, lower Design Pressure may control for entire assembly. AHJ to review such installation for tributary end load and required anchors.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, **BARRANQUILLA, COLOMBIA S.A.**, 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 **revises** NOA # **16-0617.05**, 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 **Ishaq I. Chanda, P. E.**



NOA No. 17-1218.12
Expiration Date: May 18, 2022
Approval Date: February 08, 2018
Page 1

1/26/18

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W16-70**, titled "ES-EL150 Fixed Aluminum Wdw. (L.M.I)", sheets 1 through 9 of 9, dated 11/13/16, with revision A dated 05/12/17, 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
along with marked-up drawings and installation diagram of aluminum fixed window, prepared by Blackwater Testing, Inc., Test Report No. **BT-ESW-16-004**, dated 11/14/2016, and revised on 05/10/2017, both signed and sealed by Constantin Bortes, P.E.
2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of aluminum fixed window, prepared by Blackwater Testing, Inc., Test Report No. **BT-ESW-17-012**, dated 05/10/2017, signed and sealed by Constantin Bortes, P.E.

C. CALCULATIONS

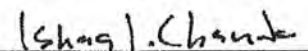
1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, dated 11/16/2016 and revised on 12/21/2016, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **16-1117.01** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear, and Color PVB Glass Interlayer**" dated 01/19/17, expiring on 07/08/19.
2. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 06/25/15, expiring on 07/04/18.
3. Notice of Acceptance No. **14-0423.15** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 06/19/14, expiring on 11/11/18.
4. Notice of Acceptance No. **14-0423.16** issued to **Eastman Chemical Company (MA)** for their "**Saflex HP Clear or Color Glass Interlayers**" dated 06/19/14, expiring on 04/14/18.



Ishaq I. Chanda, P. E.

Product Control Examiner

NOA No. 17-1218.12

Expiration Date: May 18, 2022

Approval Date: February 08, 2018

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 5th Edition (2014)**, and of no financial interest, dated 11/16/2016, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHERS

1. Distributor Agreement, dated 02/21/17, signed by Carlos Garcia (CI Energia Solar SA) and by Evelyn Daes (ES Windows).
2. Statement letter of no financial interest, dated 11/22/2016, prepared by Blackwater Testing, Inc., signed by Dennis Duffy.
3. Test proposal # 16-1476, approved by RER, dated 12/16/2016.

2. New Evidence submitted.

A. DRAWINGS

1. Drawing No. **W16-70 Rev B**, titled "ES-EL150 Fixed Aluminum Wdw. (L.M.I)", sheets 1 through 9 of 9, dated 11/13/16 and last revised on DEC 07, 2017, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

Note: This revision consist of editorial changes of FBC 17 (6th Edition) code compliance.

B. Test

1. None.

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to FBC 2017 (6th Edition), dated 11/08/17, prepared prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA revises # 16-0617.05, expiring 05/18/22.

Ishaq I. Chanda

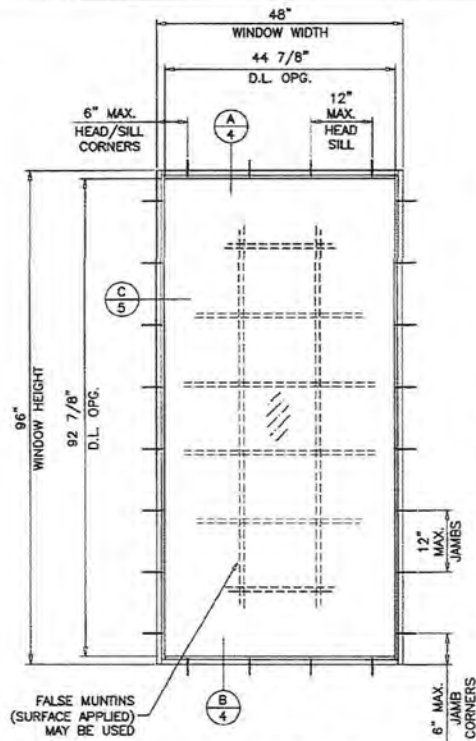
Ishaq I. Chanda, P. E.

Product Control Examiner

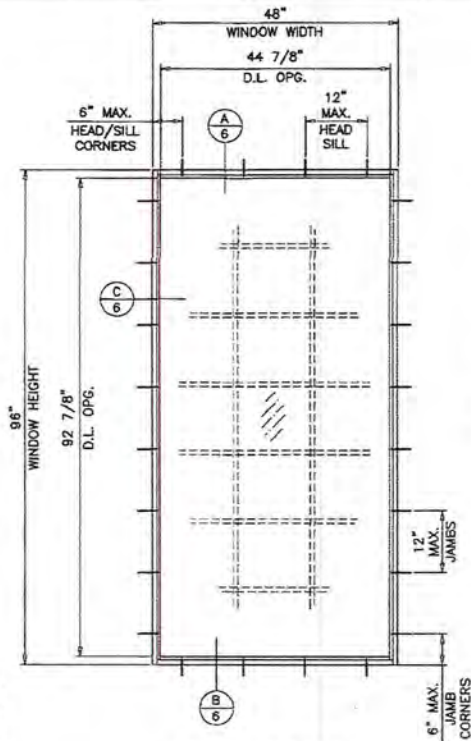
NOA No. 17-1218.12

Expiration Date: May 18, 2022

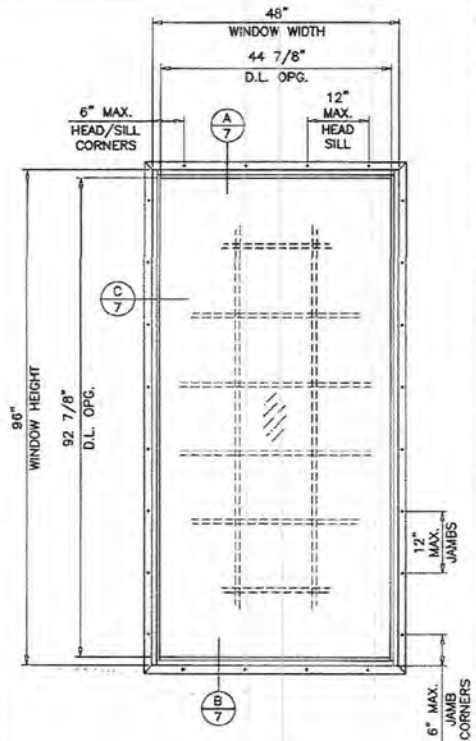
Approval Date: February 08, 2018



TYPICAL ELEVATION
FLANGE FRAMES



TYPICAL ELEVATION
FLANGE FRAMES WITH FLUSH ADAPTER



TYPICAL ELEVATION
FLANGE FRAMES WITH FIN ADAPTER

**ES-EL150
FIXED ALUMINUM WINDOW**

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 3.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIX./FIX. OR FIXED WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (5TH EDITION)/2017 (6TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2014/2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

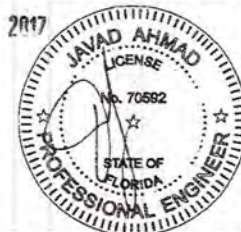
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.


DAYLITE OPENINGS:
D.L.O. HEIGHT = WINDOW HEIGHT - 3.125"
D.L.O. WIDTH = WINDOW WIDTH - 3.125"

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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 17-1218-12
Expiration Date MAY 18, 2022
By: [Signature]
Title: Staff Product Control

DEC 07 2017





AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 204-9100 FAX. (305) 202-6978
COMP-ANL W16-70CS

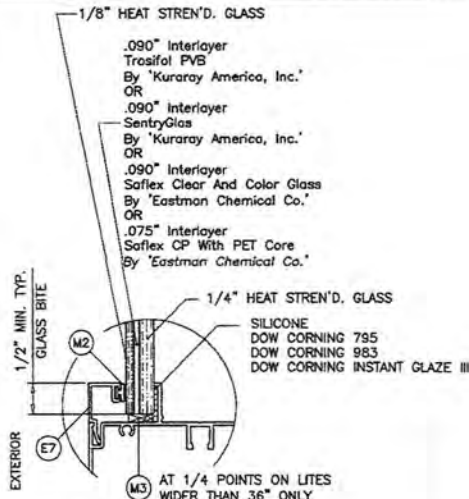
ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

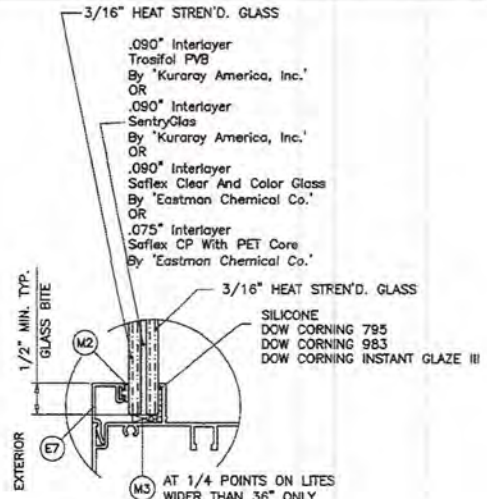
REV.	DATE	DESCRIPTION
A	05/13/17	NO CHANGE THIS SHEET
B	11/27/17	UPDATED TO 2017 FBC

DATE: 11-13-16	SCALE: 1/2" = 1'-0"
DR. BY: [Signature]	CHECK BY: [Signature]

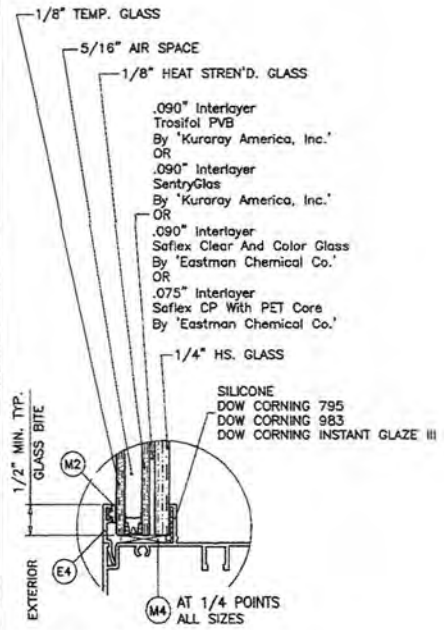
drawing no. **W16-70**
sheet 1 of 9



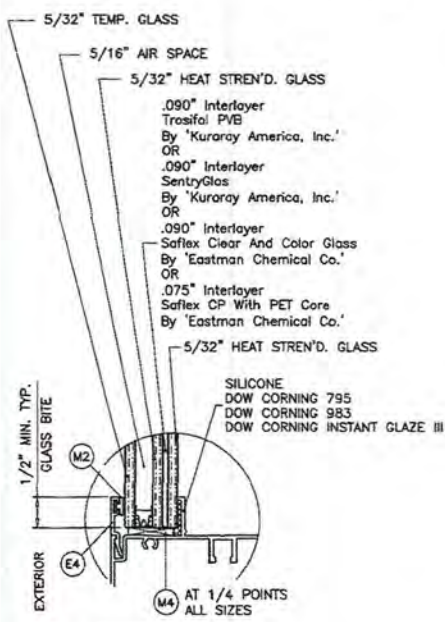
GLASS TYPE 'A'
7/16" OVERALL LAM. GLASS



GLASS TYPE 'B'
7/16" OVERALL LAM. GLASS



GLASS TYPE 'Ai'
7/8" OVERALL INSUL. LAM. GLASS

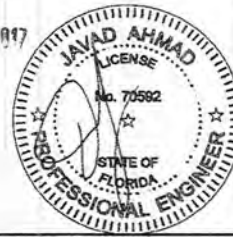


GLASS TYPE 'Di'
7/8" OVERALL INSUL. LAM. GLASS

PRODUCT REVISED
as complying with the Florida
building Code
Acceptance No. 17-1216-12
Expiration Date 5/1/17
J. Khan
Member Board Product Control

5/16" AIR SPACE CONSISTING OF:
SPACER:
'HELIMA' LOW PROFILE ALUMINUM SPACER
BY 'LINGERMANN GMBH'
AROUND THE PERIMETER OF THE GLASS.
PERIMETER SEALANT:
SILICONE
DOW CORNING 791
GE 2000

DEC 07 2017



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (F.A.A. 8638)
TEL. (800) 264-8100 FAX. (800) 262-8978
COMP-ANL W16-70ES

ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

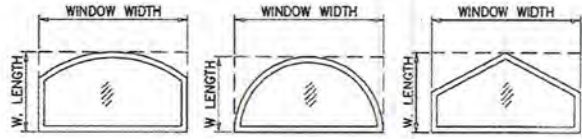
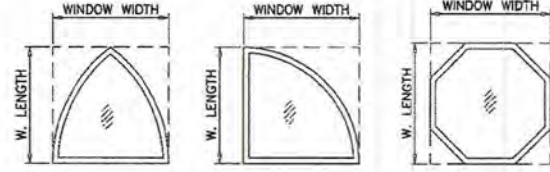
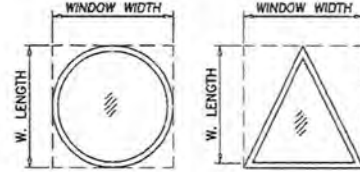
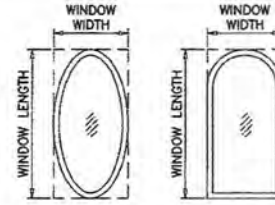
revisions:	no.	date	description
	A	05.12.17	GLAZING DETAILS REV.
	B	11.27.17	NO CHANGE THIS SHEET
date:	11-13-18	scale:	1/2" = 1'
dr. by:	TAHQ	chk. by:	
drawing no.	W16-70		
sheet	2 of 9		

GLAZING OPTIONS

DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPES 'B', 'A1', 'D1'		GLASS TYPE 'A'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	48"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	80.0
42"		80.0	80.0	60.0	88.6
48"		80.0	80.0	60.0	80.0
54"		80.0	80.0	60.0	60.0
60"	80.0	80.0	60.0	80.0	
30"	54"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	80.0
42"		80.0	80.0	60.0	68.6
48"		80.0	80.0	60.0	60.0
54"		71.1	71.1	53.3	53.3
60"	71.1	71.1	53.3	53.3	
30"	60"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	80.0
42"		80.0	80.0	60.0	68.6
48"		80.0	80.0	60.0	60.0
54"		71.1	71.1	53.3	53.3
60"	64.0	64.0	48.0	48.0	
30"	66"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	80.0
42"		80.0	80.0	60.0	68.6
48"		80.0	80.0	60.0	80.0
54"		71.1	71.1	53.3	53.3
60"	64.0	64.0	48.0	48.0	
30"	72"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	80.0
42"		80.0	80.0	60.0	68.6
48"		80.0	80.0	60.0	60.0
54"		71.1	71.1	53.3	53.3
60"	64.0	64.0	48.0	48.0	
30"	78"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	78.0
42"		80.0	80.0	60.0	68.6
48"		80.0	80.0	60.0	60.0
54"		71.1	71.1	53.3	53.3
30"	84"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	76.4
42"		80.0	80.0	60.0	68.6
48"		80.0	80.0	60.0	60.0
54"		71.1	71.1	53.3	53.3
30"	90"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	75.0
42"		80.0	80.0	60.0	67.1
48"		80.0	80.0	60.0	60.0
54"		80.0	80.0	60.0	60.0
30"	96"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	73.8
42"		80.0	80.0	60.0	65.8
48"		80.0	80.0	60.0	60.0

DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPES 'B', 'A1', 'D1'		GLASS TYPE 'A'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30"	102"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	72.9
42"		80.0	80.0	60.0	64.8
30"	108"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	72.0
42"		80.0	80.0	60.0	63.8
30"	114"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	71.3
42"		80.0	80.0	60.0	60.0
30"	120"	80.0	80.0	60.0	80.0
36"		80.0	80.0	60.0	70.6

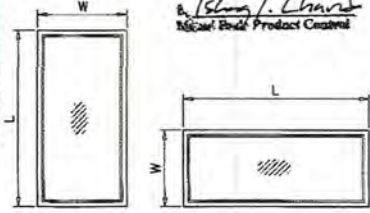
DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPES 'B', 'A1', 'D1'		GLASS TYPE 'A'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26"	80.0	80.0	60.0	80.0
26-1/2"		80.0	80.0	60.0	80.0
37"		80.0	80.0	60.0	80.0
48"		80.0	80.0	60.0	80.0
53-1/8"		80.0	80.0	60.0	80.0
19-1/8"	38-3/8"	80.0	80.0	60.0	80.0
26-1/2"		80.0	80.0	60.0	80.0
37"		80.0	80.0	60.0	77.8
48"		80.0	80.0	60.0	75.0
53-1/8"		80.0	80.0	60.0	75.0
19-1/8"	50-5/8"	80.0	80.0	60.0	80.0
26-1/2"		80.0	80.0	60.0	80.0
37"		80.0	80.0	60.0	77.8
48"		80.0	80.0	60.0	60.0
53-1/8"		75.9	75.9	56.9	56.9
19-1/8"	58"	80.0	80.0	60.0	80.0
26-1/2"		80.0	80.0	60.0	80.0
37"		80.0	80.0	60.0	77.8
48"		80.0	80.0	60.0	60.0
53-1/8"		72.3	72.3	54.2	54.2
19-1/8"	63"	80.0	80.0	60.0	80.0
26-1/2"		80.0	80.0	60.0	80.0
37"		80.0	80.0	60.0	77.8
48"		80.0	80.0	60.0	60.0
53-1/8"		72.3	72.3	54.2	54.2
19-1/8"	76"	80.0	80.0	60.0	80.0
26-1/2"		80.0	80.0	60.0	80.0
37"		80.0	80.0	60.0	77.2
48"		80.0	80.0	60.0	60.0
53-1/8"		72.3	72.3	54.2	54.2



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.

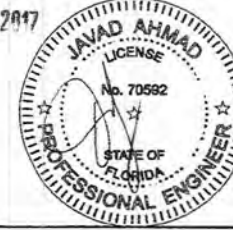
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 17-1218-12
 Expiration Date 5/18/22
 J. Ahmad
 J. Ahmad Product Control

NOTE:
 GLASS CAPACITIES ON THIS SHEET ARE
 BASED ON ASTM E1300-09 (3 SEC. GUSTS).



NOTE:
 WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED
 VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

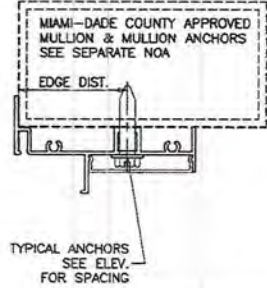
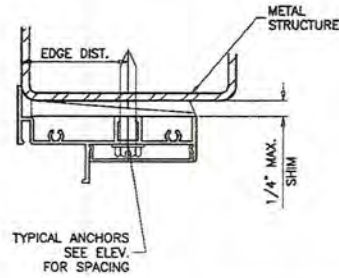
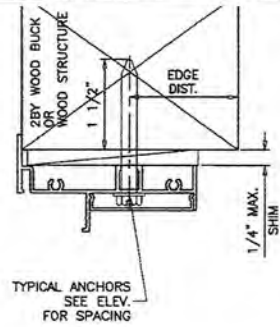
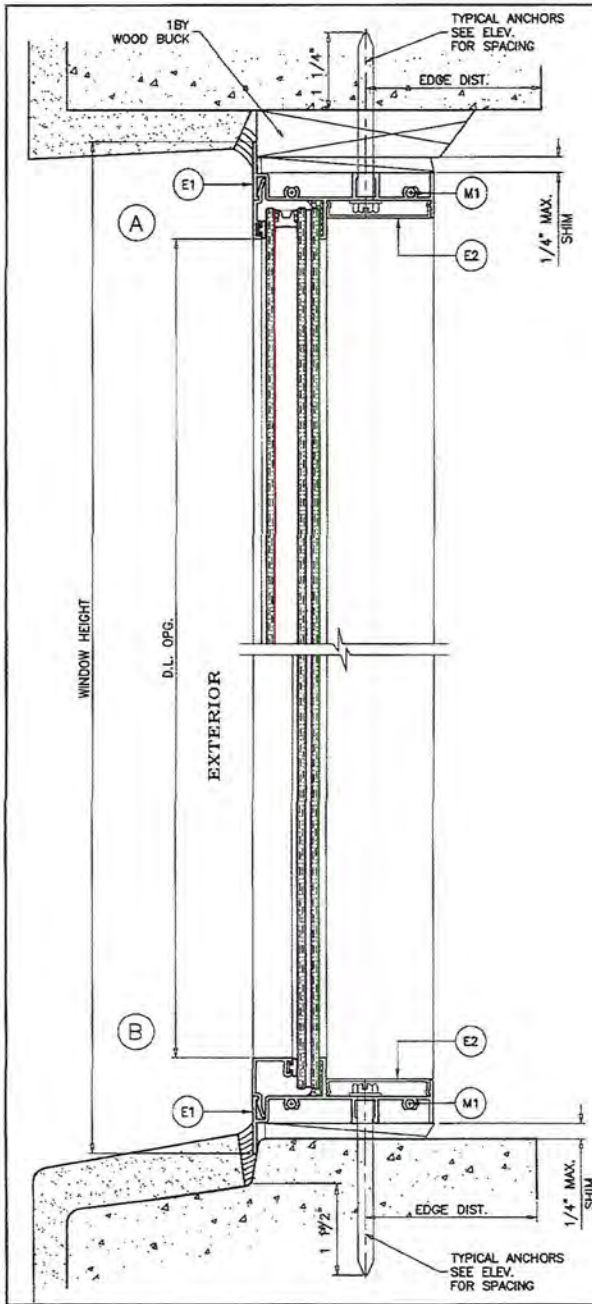
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af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 8536)
 MIAMI, FLORIDA 33175 (C.A.N. 35175)
 TEL. (305) 264-6100 FAX. (305) 262-6976
 COMP-ANL W16-70ES

ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:	no.	date	description
	0016	11-13-16	GLASS CHART REV.
	A	05.12.17	NO CHANGE THIS SHEET
	B	11.27.17	
date:	11-13-16	scale:	1/2" = 1"
dr. by:	TARQ	chk. by:	
drawing no.	W16-70		
sheet 3 of 9			



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

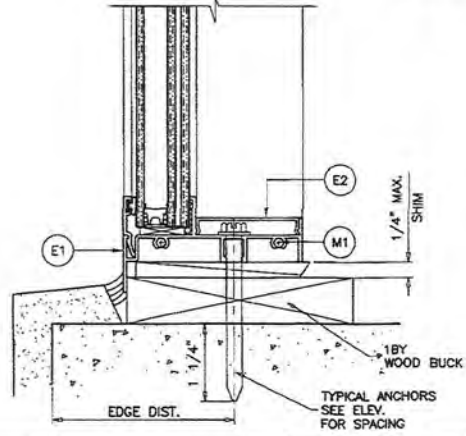
TYPICAL ANCHORS: SEE ELEV. FOR SPACING
 1/4" DIA. TAPCON BY 'ITW' (Fu=125 KSI, Fy=100 KSI)
 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
 THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO MASONRY (JAMBS)
 DIRECTLY INTO CONCRETE OR MASONRY
 1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO MASONRY (JAMBS)

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 17-1218-12
 Expiration Date 5/13/22
 J. Ahmad
 Manufacturer Product Control

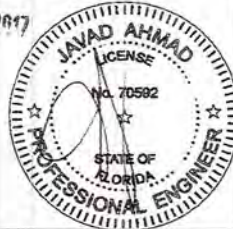
1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR
 INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



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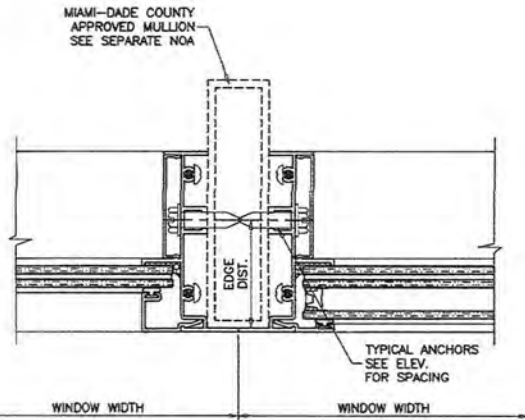
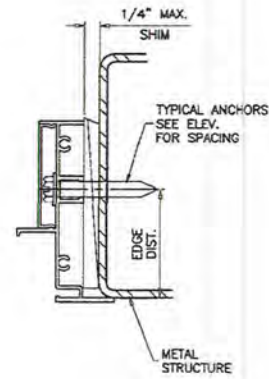
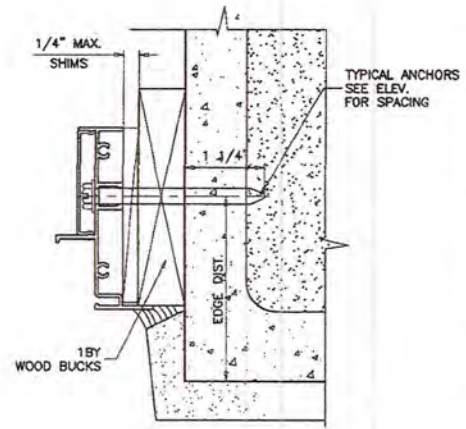
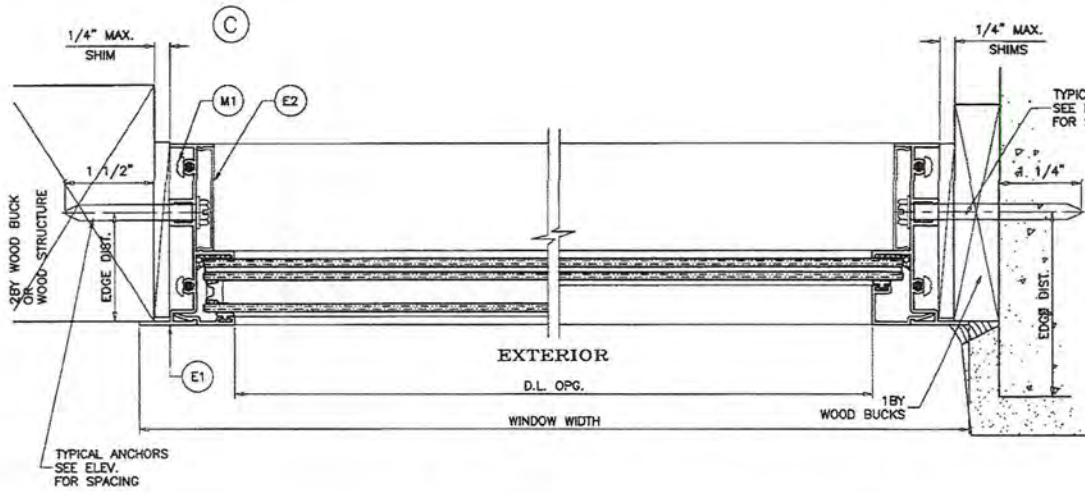


AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9960 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8400 FAX. (305) 262-8978
 COMP-ANL\W16-70ES

ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

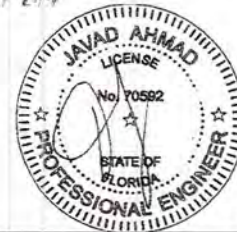
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B	11.27.17		UPDATED TO 2017 FBC

date: 11-13-16
 scale: 1/2" = 1"
 dr. by: TARIQ
 chk. by:
 drawing no. W16-70
 sheet 4 of 9



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 17-121812
 Expiration Date 8/18/22
 By: *[Signature]*
 Internal Body Product Control

REC 07 2017



afc

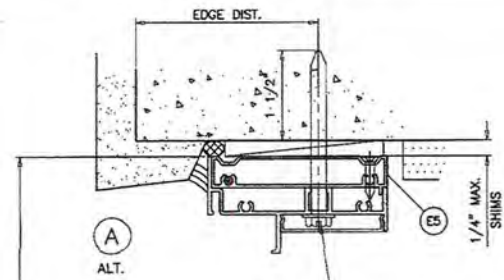
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9380 SUNSET DRIVE, SUITE 220 (C.A.N. 8598)
 MIAMI, FLORIDA 33179 FAX: (305) 262-8978
 TEL: (305) 264-8100

ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL: (305) 638-5151 FAX: (305) 638-5158

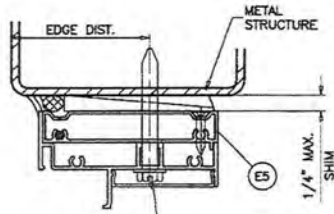
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date: 11-13-16
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 dr. by: TARQ
 chk. by:

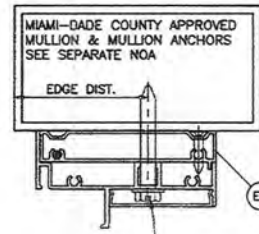
drawing no.
W16-70
 sheet 5 of 9



TYPICAL ANCHORS
SEE ELEV.
FOR SPACING



TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

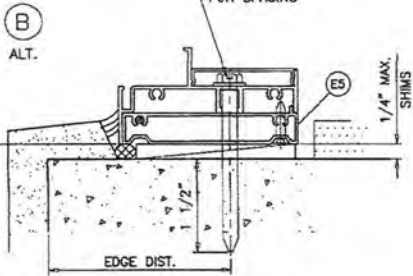
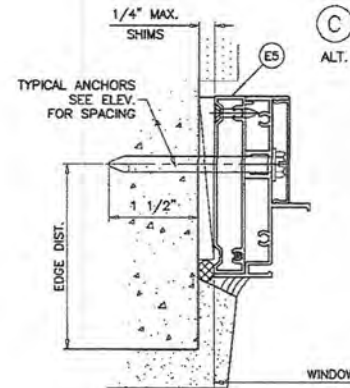


TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1218-12
Expiration Date 5/18/22
By: J. Ahmad
Special Product Control

WINDOW HEIGHT

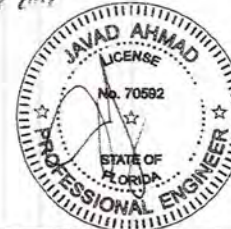
EXTERIOR



INSTALLATION DETAILS WITH FLUSH FRAME ADAPTERS

SEE SHEETS 4 & 5 FOR WINDOW DETAILS

DEC 07 2017



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3598)
TEL. (305) 264-9100 FAX. (305) 262-9978
COMP-ANL W16-70ES

ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:	no.	date	description
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date:	11-13-16		
scale:	1/2" = 1"		
dr. by:	TARIQ		
chk. by:			
drawing no.	W16-70		
sheet	6 of 9		

ILLUSTRATIVE DTLS. ONLY
EXT. OR INT. FINISHES
NOT BY E.S. WDW.

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

1/2" MIN.
1/4" MAX. GAP

(A)
ALT.

#10 TEK/Self DRILLING SCREWS
AT 6 FROM ENDS
AND 12 O.C. MAX.

WINDOW HEIGHT
EXTERIOR

(B)
ALT.

#10 TEK/Self DRILLING SCREWS
AT 6 FROM ENDS
AND 12 O.C. MAX.

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

1/2" MIN.
1/4" MAX. GAP

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
#10 WOOD SCREWS (GRADE 2 CRS)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD

1/4" MAX. GAP
1/2" MIN.

(C)
ALT.

#10 TEK/Self DRILLING SCREWS
AT 6 FROM ENDS
AND 12 O.C. MAX.

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

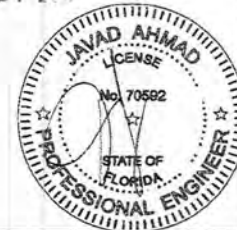
EXTERIOR

WINDOW WIDTH

INSTALLATION DETAILS WITH FIN FRAME ADAPTERS
SEE SHEETS 4 & 5 FOR WINDOW DETAILS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance Date 17-12-12
Expiration Date 5-1-17
E. S. Windows, LLC
3550 N.W. 49 STREET
MIAMI, FL 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

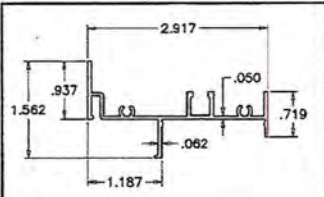
DEC 07 2017



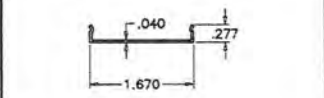
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220 (C.A.F. 8536)
MIAMI, FLORIDA 33173 FAX. (305) 264-6300
TEL. (305) 264-6300

ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

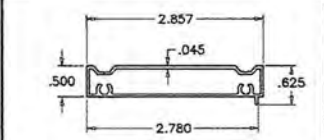
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chk. by:	(3) NO CHANGE THIS SHEET
drawing no. W16-70	
sheet 7 of 9	



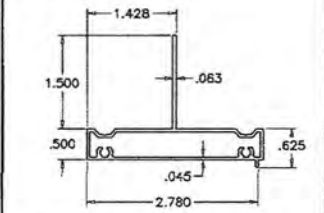
E1 FRAME



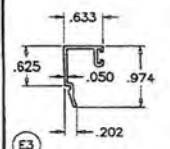
E2 FRAME SCREW COVER



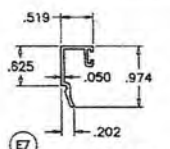
E5 FLUSH FRAME ADAPTER



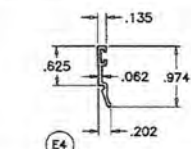
E6 FLUSH FRAME ADAPTER WITH FIN



E3



E7



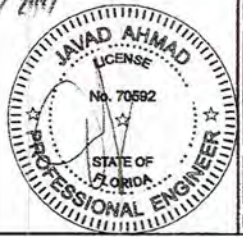
E4

GLAZING BEADS

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	ES-EL151	1	FRAME	6063-T6	-
E2	ES-EL152	AS REQD.	FRAME SCREW COVER	6063-T6	-
E3	ES-EL109	AS REQD.	GLAZING BEAD (5/16" LAM. GLASS)	6063-T6	-
E4	ES-EL111	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
E5	ES-EL112	AS REQD.	FLUSH FRAME ADAPTER	6063-T6	-
E6	ES-EL115	AS REQD.	FLUSH FRAME ADAPTER WITH FIN	6063-T6	-
E7	ES-EL110	AS REQD.	GLAZING BEAD (7/16" LAM. GLASS)	6063-T6	-
M1	#8 X 1"	-	FRAME ASSEMBLY FASTENERS	ST. STEEL	PH SMS
M2	ES-5008A	AS REQD.	GLAZING BEAD BULB	SILICONE	DUROMETER 60±5 SHORE A
M3	80-372A	2/ LITE	SETTING BLOCK AT 1/4 POINTS (LAM. GLASS)	SILICONE	DUROMETER 80±5 SHORE A
M4	EL100-B01	2/ LITE	SETTING BLOCK AT 1/4 POINTS (INSUL. LAM. GLASS)	SILICONE	DUROMETER 80±5 SHORE A
M5	#8 X 1"	-	FLUSH/FIN FRAME ADAPTER ASSEMBLY FASTENERS	ST. STEEL	FH SMS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 17-1218-12
 Expiration Date 5/18/22
 By: *Javad Ahmad*
 Vice and Chief Product Engineer

DEC 07 2017



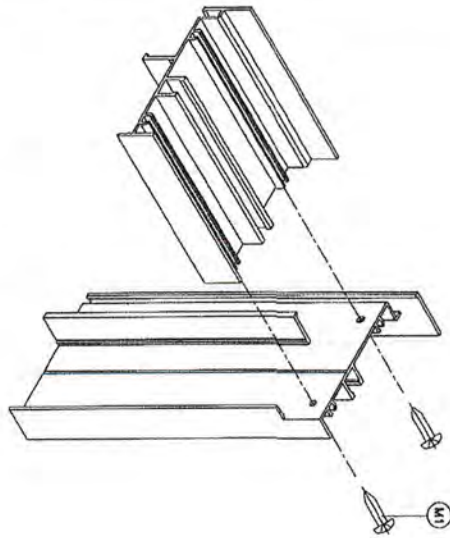
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 9698)
 TEL (305) 284-8400 FAX (305) 284-8978
 COMP-ANI W16-70ES

ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

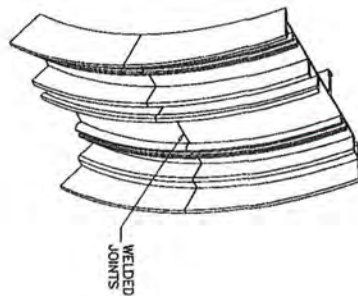
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	B	11.27.17	NO CHANGE THIS SHEET	

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 scale: 1/2" = 1"
 dr. by: TARIQ
 chk. by:

drawing no.
W16-70
 sheet 8 of 9



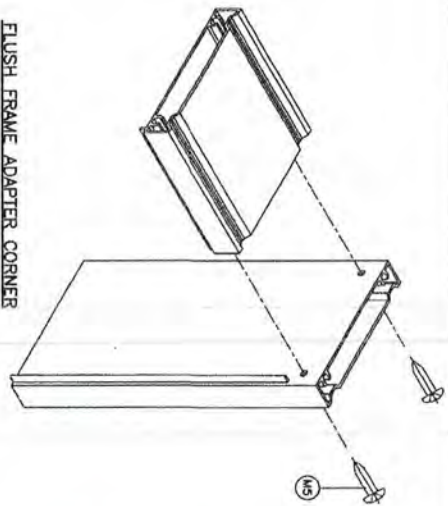
RECT. OR SQUARE WINDOWS



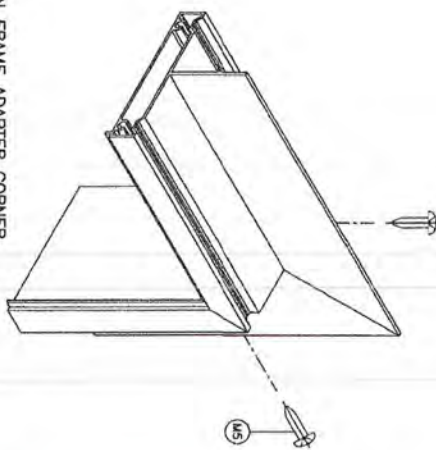
CIRCULAR WINDOWS

WELDED JOINTS

FLUSH FRAME ADAPTER CORNER

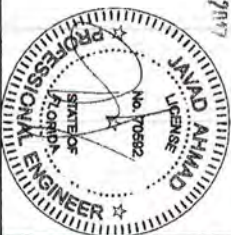


FIN FRAME ADAPTER CORNER



CSC 07 2017

PRODUCT REVISED
 to comply with the Florida
 Building Code
 Adoption No. 17-1218-12
 Expiration Date: 02/21/2022
 By: *[Signature]*
 Senior Product Designer



date:	11-13-16
scale:	1/2" = 1"
dr. by:	TARIQ
chk. by:	

revisions:			
no	date	by	description
A	05.12.17		NO CHANGE THIS SHEET
B	11.27.17		NO CHANGE THIS SHEET

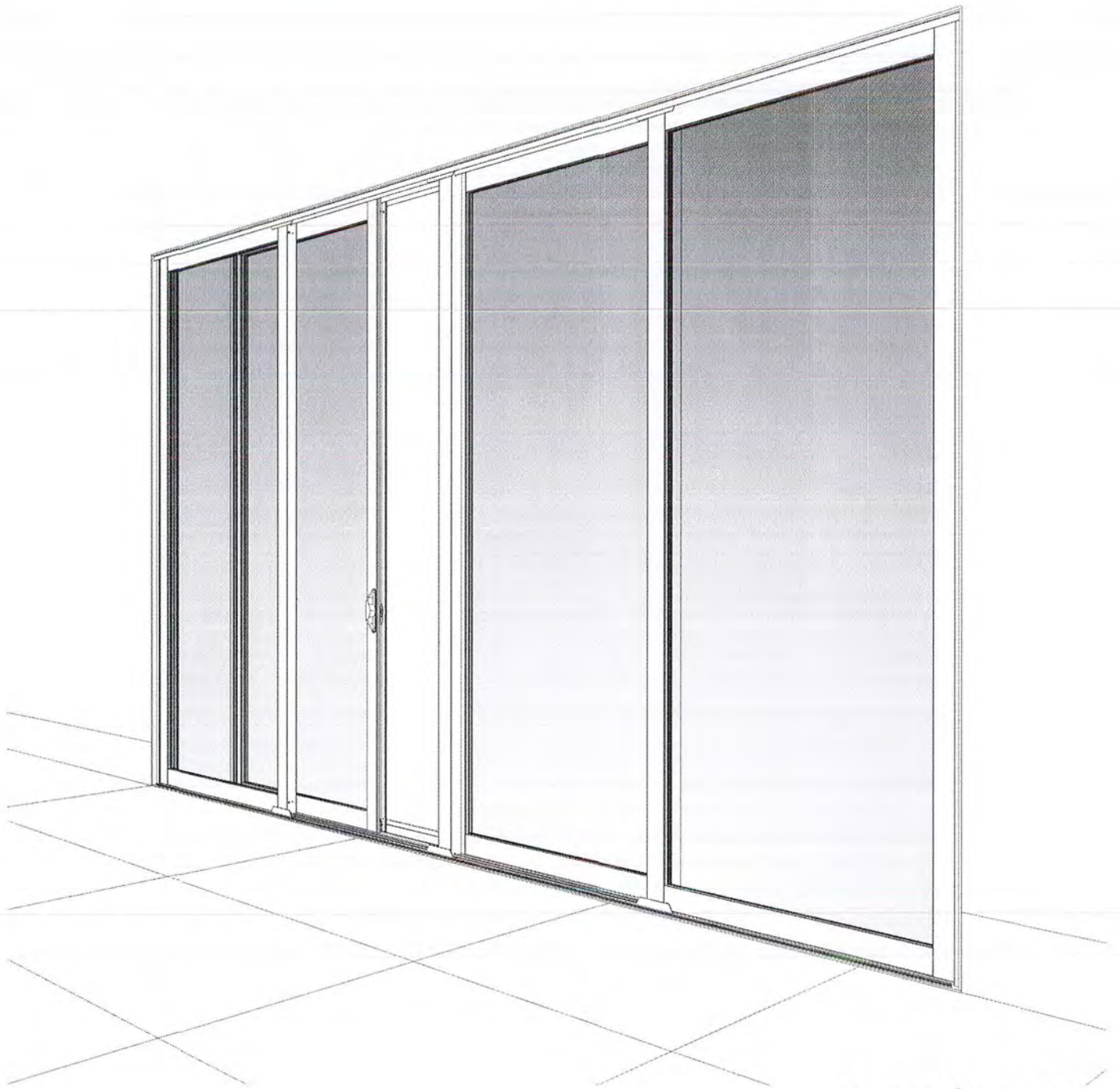
ES-EL150 FIXED ALUMINUM WDW. (L.M.I.)
 E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3638)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANLW16-70ES



ES-6000/6100

SLIDING DOOR



ENERGÍA SOLAR
ESWINDOWS

PROPOSED DOOR STYLE



ALUMINUM AND
GLASS SLIDING
DOOR IN
LIVING AREA.





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

MIAMI-DADE COUNTY
 PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

E.S. Windows, LLC
 10653 N.E. Quaybridge Ct.
 Miami, FL 33138

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 4000 Aluminum Sliding Glass Door w/ Reinforcements-LMI

APPROVAL DOCUMENT: Drawing No. **W03-100 Rev O**, titled "Series-4000 Aluminum Sliding Glass Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 11/08/03 and last revised on SEP 07, 2017, 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

Limitations:

1. See sheet **2** for Design Pressure (DP) Vs Glass types, size & reinforcing levels for (4) Panels or less configured SGD and sheet **3** for taller (2) panels configured **OX, XO** or **XX** w/ **Heavy Duty** reinforcing. Exterior (positive) design pressures are limited to **+70 PSF** w/ **2-1/2"** sill & up to **+85 PSF** w/ **3-1/4"** sill for **OX** or **XO** and **+80 PSF** w/ **3-1/4"** sill for **XX** door.
2. Max. Door frame area not to exceed 96"x192" =128 ft² (4-panel) or 98"x 111" =75.5 ft² (2-HD panel), corresponding to the tested area.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Barranquilla, Columbia, state and series and following statement: "Miami-Dade County Product Control Approved", 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 #17-0505.05** and consists of this page 1 and evidence pages E-1, E-2 & E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No. 18-0905.06
 Expiration Date: March 18, 2024
 Approval Date: October 18, 2018
 Page 1

10/18/18

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance to FBC 2014(5th edition) and FBC 2017(6th Edition), dated 09/06/17 prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA revises NOA # 15-0629.01, expiring 03/18/2019.

2. New Evidence submitted

A. DRAWINGS

1. Drawing No. W03-100 Rev O, titled "Series-4000 Aluminum Sliding Glass Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 11/08/03 and last revised on SEP 07, 2017, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for "Trosifol: Ultra clear, clear & color PVB glass interlayer" (former "Kuraray Butacite PVB Interlayer)", expiring on 07/08/19.

F. STATEMENTS

1. Statement letter dated AUG 27, 2018 for renewal and still conformance to FBC 2017 (6th edition), prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA renews NOA # 17-0505.05, expiring 03/18/2024.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No. 18-0905.06

Expiration Date: March 18, 2024

Approval Date: October 18, 2018

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under files below)
2. Drawing No. **W03-100 Rev M**, titled "Series-4000 Aluminum Sliding Patio Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 11/08/03 and last revised on OCT 21, 2015, signed and sealed by Javad Ahmad, P.E.

B. TESTS (Submitted under files #15-0629.01/#14-0923.11/13-1115.03/#12-0312.03/#09-0210.07 and #08-0417.03)

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
 - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

Along with marked-up drawings and installation diagram of an Aluminum Sliding Glass Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No(s). **FTL-3908**, dated 10/09/03, **FTL-3909**, dated 09/26/03, **FTL-3910**, dated 09/30/03 and **FTL-4287**, dated 09/22/04, signed and sealed by Joseph Chan, P.E. and the Test Report No. **FTL-4287**, dated 09/22/04, signed and sealed by Edmundo Largaespada, P.E.

2. Additional Reference test reports No. **FTL-5471**, dated 01/24/08 and **FTL 7894** (Tandem Nylon Rollers), per TAS 201/203-94, issued by Fenestration Testing Lab, signed & sealed by Michael Wenzel, P.E. and Idalmis Ortega, P.E., respectively.

C. CALCULATIONS

1. Anchor verification calculation, complying w/ FBC 2014(5th Edition), dated 07/31/2015, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E-1300-02,-04 & -09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the "**Sentry Glass ® (Clear and White) Glass Interlayers**", expiring on 07/04/18.
2. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the "**Kurray Butacite PVB Interlayers**", expiring on 12/11/2016.



Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No. 18-0905.06

Expiration Date: March 18, 2024

Approval Date: October 18, 2018

E.S. Windows, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of compliance to FBC 2014 (5th Edition) and of no financial interest issued by Al-Farooq Corp., dated 07/29/15, signed and sealed by Javad Ahmad, P.E.
2. Statement of Lab compliance, part of above test reports.
3. Distribution agreement dated 03/05/14 between ES Windows, LLC & Energia Solar, SA, and Colombia, signed by Andres Chamorro (Gen MGR) and Clara Garcia (Sales MGR), respectively on behalf of their companies (submitted under #13-1115.03)

G. OTHER

1. This NOA revises NOA # 14-0923.11, expiring March 18, 2019.
2. Tet proposal # 07-3815, approved by BCCO and dated 07/01/14 by RER.

2. Evidence submitted under previous approval

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W03-100 Rev O**, titled "Series-4000 Aluminum Sliding Glass Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 11/08/03 and last revised on SEP 07, 2017, 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) 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 and TAS 202-94

Along with marked-up drawings and installation diagram of an Aluminum Sliding Glass Door, prepared by Black water Testing, Inc., Test Report No(s). **BT-ESW-15-004**, dated 04/18/2016, signed and sealed by YamilG.

Kuri, P.E.

C. CALCULATIONS

1. Anchor verification calculation, complying w/ FBC 2017 (6th Edition), dated 11/18/2016 and last revised on 09-07-17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

D. QUALITY ASSURANCE

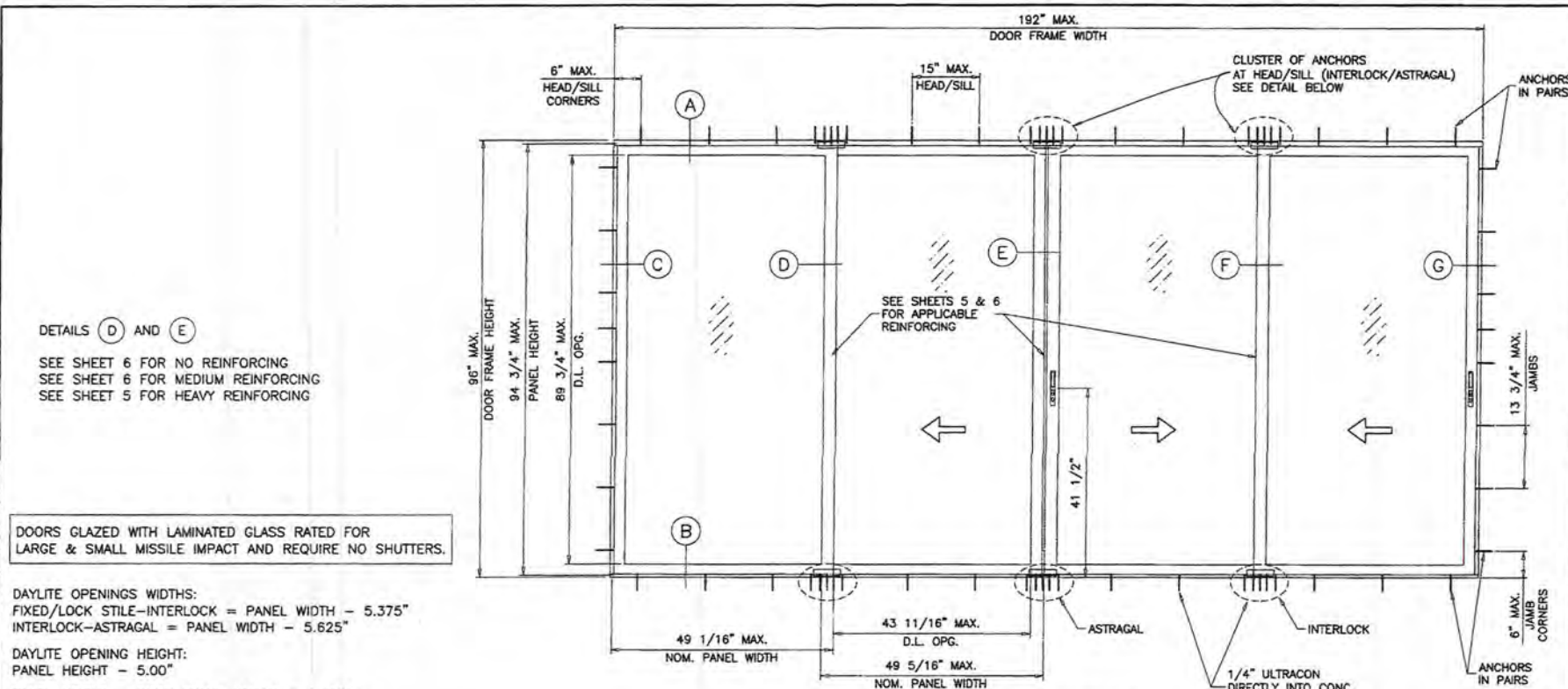
1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **16-1117.01** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for "**Trosifol: Ultra clear, clear & color PVB glass interlayer**" (former "**Kuraray Butacite PVB Interlayer**"), expiring on 07/08/19.

Ishaq I. Chanda
Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0905.06

Expiration Date: March 18, 2024
Approval Date: October 18, 2018



DETAILS **(D)** AND **(E)**
 SEE SHEET 6 FOR NO REINFORCING
 SEE SHEET 6 FOR MEDIUM REINFORCING
 SEE SHEET 5 FOR HEAVY REINFORCING

DOORS GLAZED WITH LAMINATED GLASS RATED FOR LARGE & SMALL MISSILE IMPACT AND REQUIRE NO SHUTTERS.

DAYLITE OPENINGS WIDTHS:
 FIXED/LOCK STILE-INTERLOCK = PANEL WIDTH - 5.375"
 INTERLOCK-ASTRAGAL = PANEL WIDTH - 5.625"
 DAYLITE OPENING HEIGHT:
 PANEL HEIGHT - 5.00"
 PANEL HEIGHT = DOOR FRAME HEIGHT - 1.250"

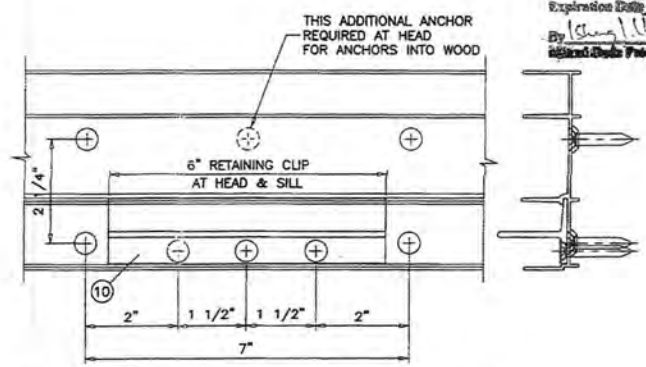
SERIES-4000 ALUM SLIDING GLASS DOOR
 DESIGN LOAD RATING FOR DOORS TO BE AS PER CHARTS SHOWN AND APPROVED CONFIGURATIONS ON SHEETS 2 AND 3.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (5TH EDITION)/2017 (6TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
 1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
 A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
 ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.
 MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2014/2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.
 CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

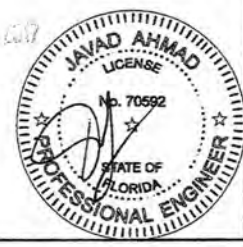
TYPICAL ELEVATION
 TESTED UNIT



DETAIL CLUSTER OF ANCHORS AT INTERLOCK/ASTRAGAL ENDS
 1/4" ULTRACON DIRECTLY INTO CONCRETE AT SILL

PRODUCT REVIEWED as complying with the Florida Building Code
 Acceptance No. 18-0985-06
 Expiration Date 03/31/2023
 By: [Signature]
 Alford/Blake Product Approval

PRODUCT REVIEWED as complying with the Florida Building Code
 Acceptance No. 17-0505-05
 Expiration Date 07/15/2019
 By: [Signature]
 Alford/Blake Product Approval



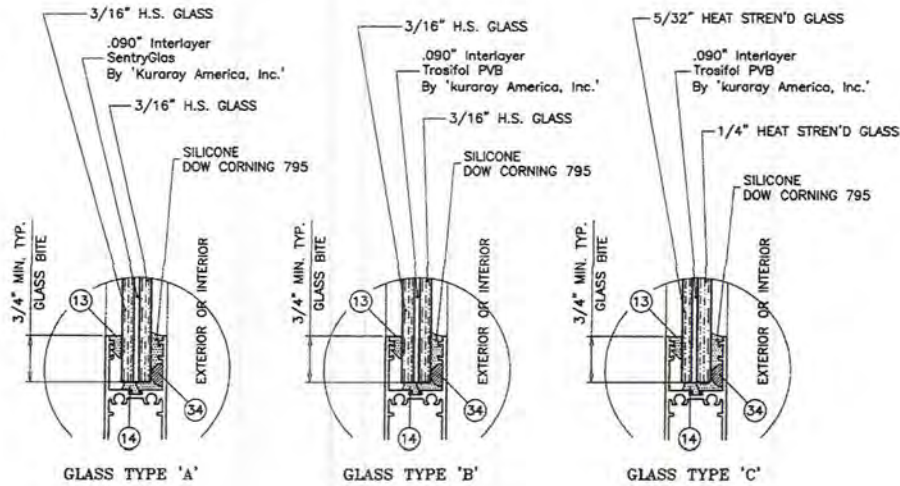
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9380 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 284-9100 FAX. (305) 282-6978
 COMP--ANL W03--100ES

SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

REV. NO.	DATE	DESCRIPTION
L	07.31.15	GENERAL REV.
M	10.20.15	REV. PER PER COMMENTS
N	11.04.16	EDITORIAL CHANGES
O	09.05.17	UPDATED TO 2017 IBC

date: 11-08-03
 scale: 1/2"=1'-0"
 dr. by: TARIQ
 chg. by:

drawing no.
W03-100
 sheet 1 of 7



SEE SHEET 3 FOR OX, XO OR XX DOORS WITH HEAVY REINFORCING

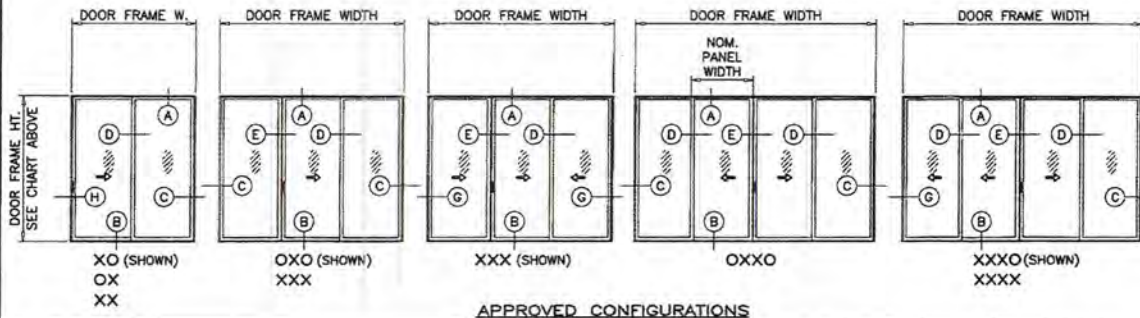
		DESIGN LOAD CAPACITY - PSF (ALL CONFIGURATIONS SHOWN ON THIS SHEET) GLASS TYPES 'A', 'B' OR 'C'					
NOMINAL PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	NO REINFORCING		MEDIUM REINFORCING		HEAVY REINFORCING	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
30	81 1/4	70.0	80.0	70.0	80.0	70.0	80.0
36		70.0	80.0	70.0	80.0	70.0	80.0
42		-	-	70.0	80.0	70.0	80.0
48		-	-	-	-	70.0	80.0
54		-	-	-	-	70.0	71.1
30	96	-	-	70.0	80.0	70.0	80.0
36		-	-	70.0	80.0	70.0	80.0
42		-	-	-	-	70.0	80.0
48		-	-	-	-	70.0	80.0

DOOR HEIGHT AND WIDTH SIZE MUST COMPLY WITH
EGRESS REQUIREMENTS PER FBC AS REQUIRED.

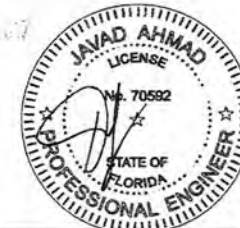
PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 12-0905-06
Expiration Date 3/12/24
By: *[Signature]*
Miami State Product Control

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 17-0705-05
Expiration Date 3/12/19
By: *[Signature]*
Miami State Product Control

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



APPROVED CONFIGURATIONS

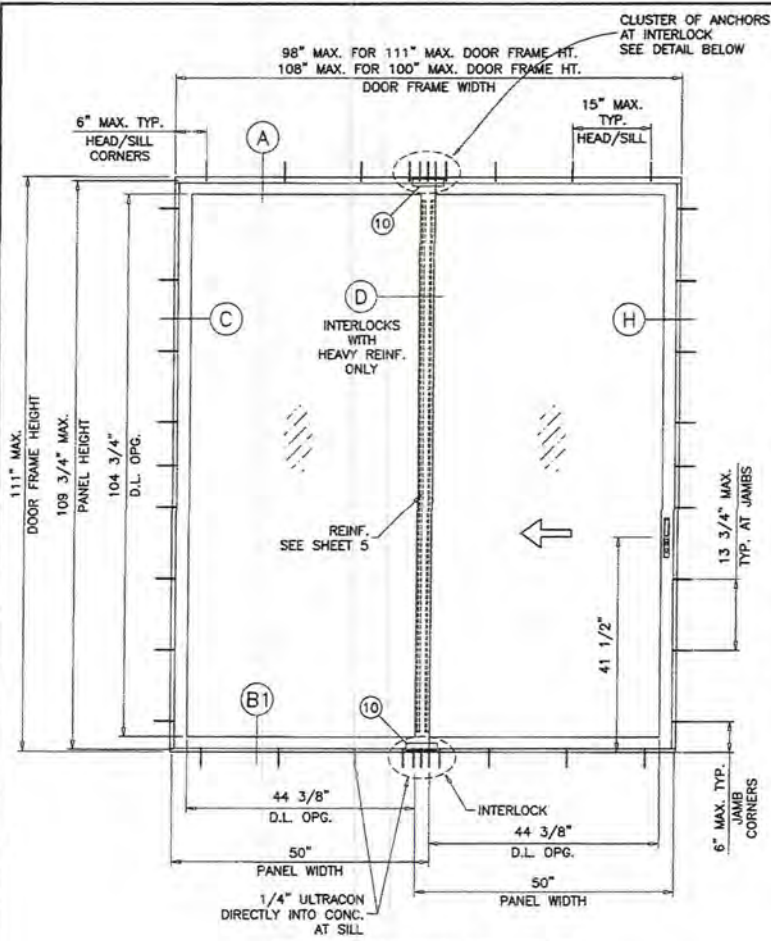


af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3558)
TEL. (305) 262-9978
FAX. (305) 264-8100

SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

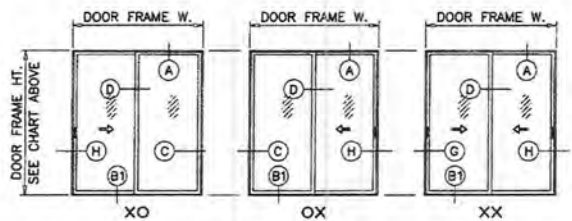
no.	date	description
L	07.31.15	GENERAL REV.
M	10.20.15	REV. PER PER COMMENTS
N	11.04.16	EDITORIAL CHANGES
O	09.05.17	UPDATED TO 2017 FBC

date: 11-08-03
scale: 1/2" = 1'-0"
dr. by: TARO
chk. by:
drawing no. **W03-100**
sheet 2 of 7



TYPICAL ELEVATION (OX) (SHOWN)

THIS SIZE TO HAVE HEAVY REINFORCING AT INTERLOCKS (SEE SHEET 5)



APPROVED CONFIGURATIONS

DESIGN LOAD CAPACITY - PSF
(OX, XO OR XX ONLY)
HEAVY REINF'G (SEE DETAIL SHEET 5)

NOMINAL PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	GLASS TYPE 'A'		GLASS TYPE 'B'		
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
30	81 1/4	80.0	103.0	80.0	103.0	
		36	80.0	103.0	80.0	103.0
		42	80.0	88.3	80.0	88.3
		45	64.0	82.4	85.0	85.0
		48	80.0	70.0	85.0	85.0
		54	72.6	63.5	77.1	77.1
30	96	80.0	103.0	80.0	103.0	
		36	80.0	103.0	80.0	103.0
		42	80.0	70.0	85.0	85.0
		45	80.0	70.0	85.0	85.0
		48	80.0	70.0	85.0	85.0
		54	72.0	63.5	77.1	77.1
30	100	80.0	103.0	80.0	103.0	
		36	80.0	103.0	80.0	103.0
		42	80.0	70.0	85.0	85.0
		48	80.0	70.0	85.0	85.0
		49	72.6	63.5	85.0	85.0
		54	72.6	63.5	-	-
30	108	80.0	70.0	85.0	85.0	
		36	80.0	70.0	85.0	85.0
		42	80.0	70.0	85.0	85.0
		48	80.0	70.0	85.0	85.0
		49	-	-	85.0	85.0
		30	80.0	70.0	80.0	70.0
30	111	80.0	70.0	80.0	70.0	
		36	80.0	70.0	80.0	70.0
		42	80.0	70.0	80.0	70.0
		48	80.0	70.0	80.0	70.0

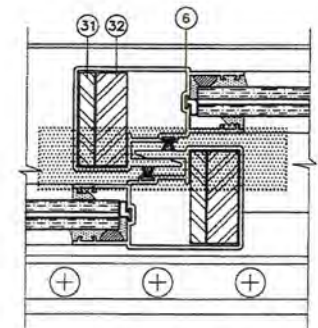
FOR 'XX' DOORS LIMIT EXTERIOR LOADS TO +80.0 PSF

THE SHOWN EXT. (+) LOADS REQUIRE 3-1/4" SILL HEIGHT (DTL. B1 ON SHEET 4).
REDUCE EXT.(+) LOAD CAPACITY TO +70.0 PSF IF 2-1/2" SILL HEIGHT IS USED
INT.(-) LOADS REMAIN UNCHANGED.

DOOR HEIGHT AND WIDTH SIZE MUST COMPLY WITH EGRESS REQUIREMENTS PER FBC AS REQUIRED.

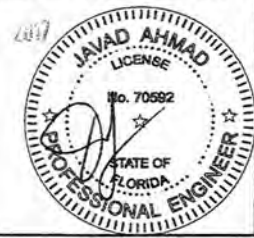
PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 18-0905-06
Expiration Date 3/18/24
By: [Signature]
Member, Florida Product Council

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 17-0525-05
Expiration Date 3/18/19
By: [Signature]
Member, Florida Product Council



HEAVY REINFORCING
AT EXTERIOR/INTERIOR INTERLOCK

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



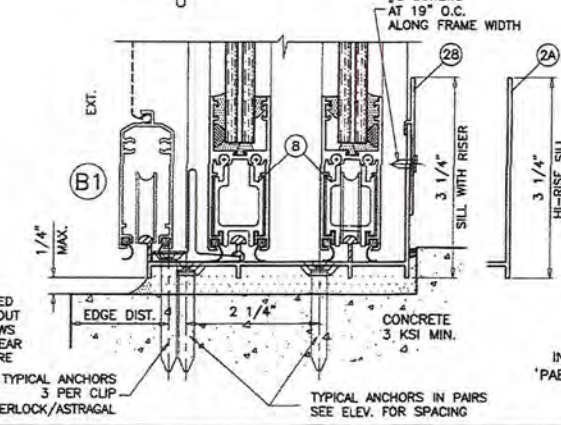
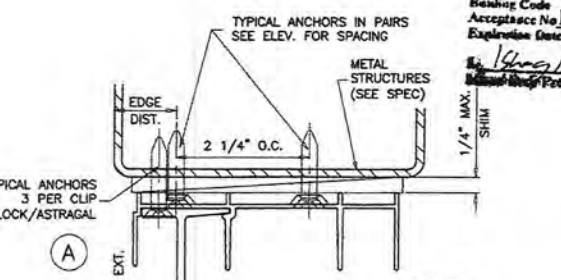
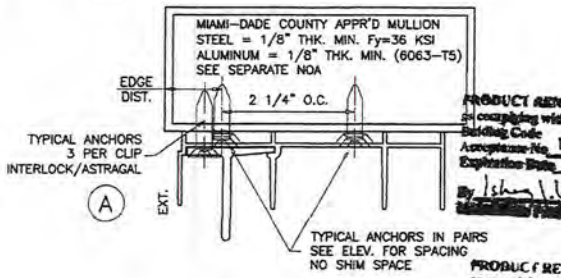
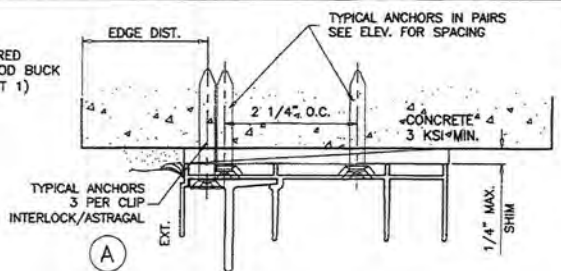
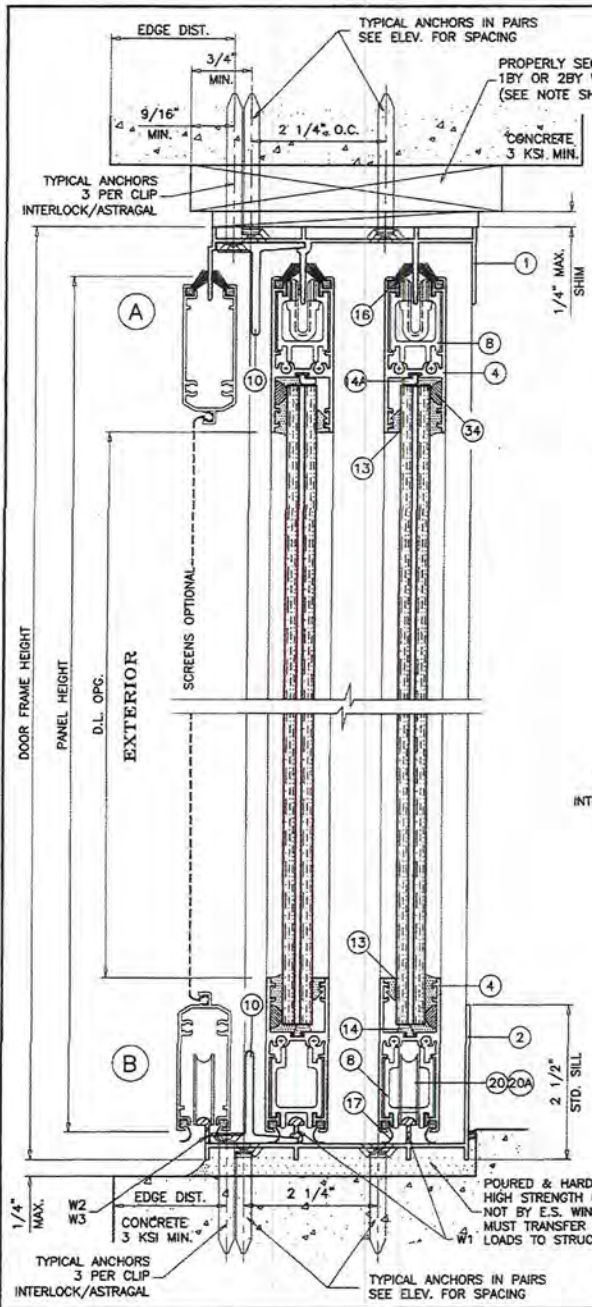
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3658)
TEL. (305) 264-8100 FAX. (305) 262-6078

SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

no.	date	description
L	07.31.10	GENERAL REV.
M	10.20.15	REV. PER PER COMMENTS
N	11.04.16	EDITORIAL CHANGES
O	09.05.17	UPDATED TO 2017 FBC

date: 11-08-03
scale: 1/2"=1'-0"
dr. by: TARRQ
chk. by:

drawing no.
W03-100
sheet 3 of 7



1X OR 2X WOOD BUCKS AND METAL STRUCTURE NOT BY E.S. WINDOWS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

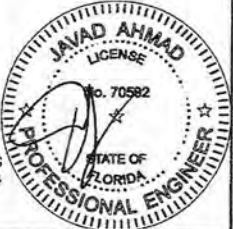
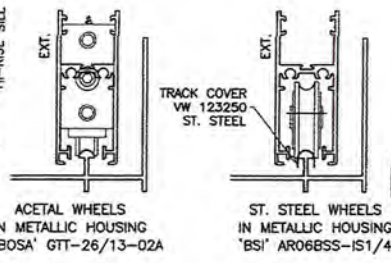
TYPICAL ANCHORS: SEE ELEV. FOR SPACING
 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS) THRU 1BY BUCKS INTO CONC. OR BLOCKS 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS) 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS) DIRECTLY INTO CONCRETE OR BLOCKS 1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS) 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS) INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 3/4" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.
 WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

SEALANT:
 ALL JOINTS AND FRAME CONNECTIONS SEALED WITH WHITE/ALUMINUM COLORED SILICONE.

WEEPHOLES:
 W1 = 1-3/4" WEEP NOTCH AT EACH END
 W2 = 3/4" WEEP NOTCH AT EACH END
 W3 = 3" X 1/4" WEEP HOLES AT 2" FROM EACH END



af c

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3638)
 TEL. (305) 264-8100 FAX. (305) 262-8978

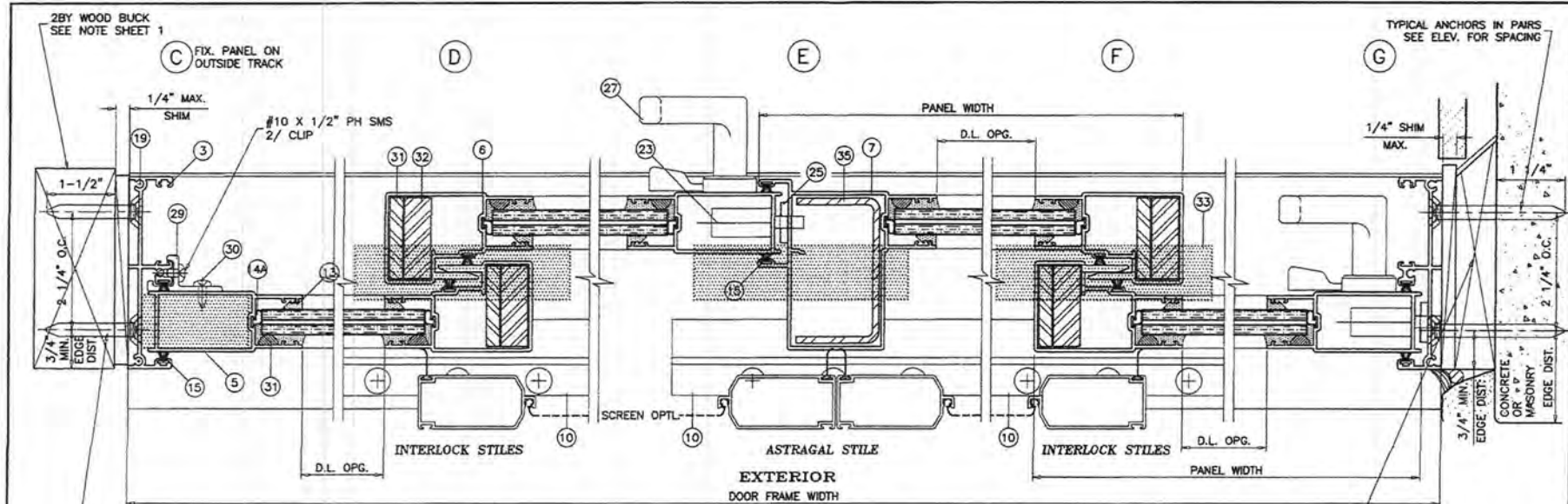
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

COMP-ANL W03-100ES

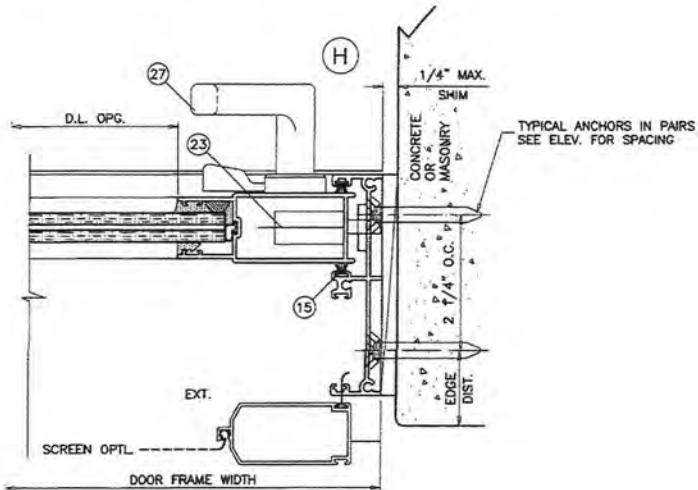
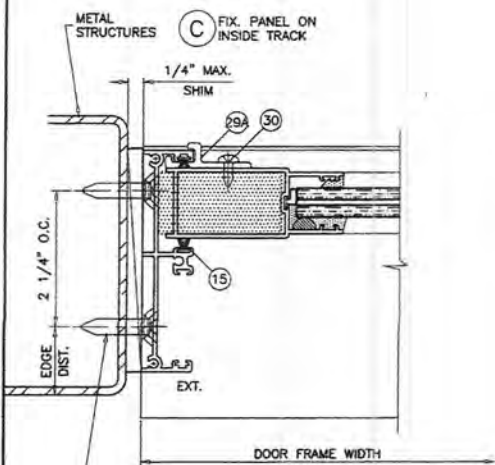
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no	date	
L	07/31/15	GENERAL REV.
M	10/20/15	REV PER RER COMMENTS
N	11/04/16	EDITORIAL CHANGES
O	09/05/17	UPDATED TO 2017 FBC

date: 11-08-03
 scale: 1/2" = 1"
 dr. by: FARIQ
 chk. by:

drawing no. **W03-100**
 sheet 4 of 7



**HEAVY REINFORCING
AT EXTERIOR/INTERIOR INTERLOCK & ASTRAGAL STILES**



PRODUCT REVISION as complying with the Florida Building Code
 Acceptance No. 18-0905-06
 Expiration Date 3/18/24
 By *King J. Ahmad*
 Manufacturer Product Control

PRODUCT REVISION as complying with the Florida Building Code
 Acceptance No. 17-0505-05
 Expiration Date 3/18/19
 By *King J. Ahmad*
 Manufacturer Product Control



afc
AL-FAROQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-8978
 COMP-ANL W03-1005

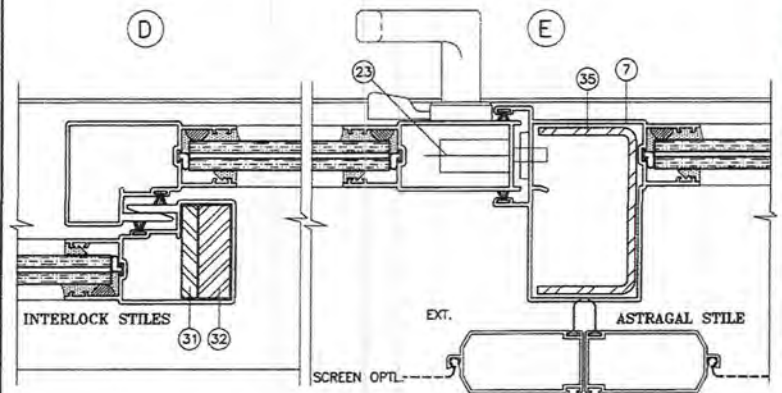
SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

NO.	DATE	BY	DESCRIPTION
L	07.31.15	GENERAL REV.	
M	10.20.15	REV. PER RFR COMMENTS	
N	11.04.16	EDITORIAL CHANGES	
O	09.05.17	NO CHANGE THIS SHEET	

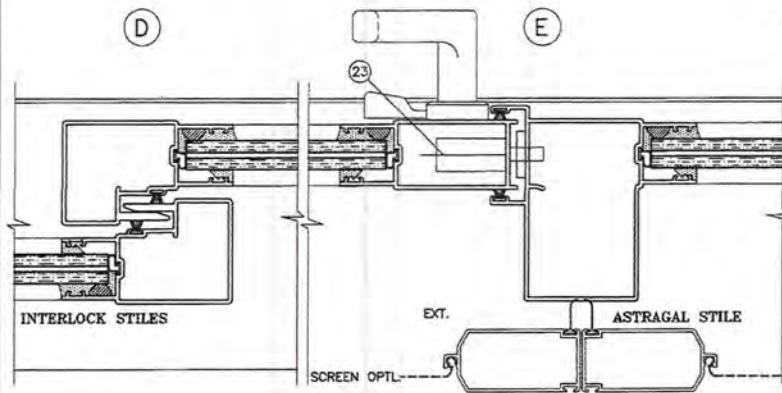
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dr. by: JAF8Q	chk. by:

drawing no.
W03-100
 sheet 5 of 7

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ES-4001-1	1	FRAME HEAD	6063-T6	-
2	ES-4002-1	1	STD. FRAME SILL	6063-T6	-
2A	-	1	HI-RISE FRAME SILL	6063-T6	-
3	ES-4003-1	1	FRAME JAMB	6063-T6	-
4	ES-4004-1	2/ PANEL	TOP AND BOTTOM RAIL	6063-T6	-
5	ES-4005-1	AS REQD.	LOCK STILE	6063-T6	-
6	ES-4006-1	AS REQD.	INTERLOCK	6063-T6	-
7	ES-4007-1	AS REQD.	FEMALE ASTRAGAL	6063-T6	-
8	ES-4008	AS REQD.	TOP & BOTTOM RAIL STIFFENER	6063-T6	-
9	ES-4009	2/ PANEL	PANEL GUIDE (TOP ONLY)	CELCON	NOT SHOWN
10	ES-4010	2/ PANEL	RETAINER CLIP, 6" LONG	6063-T6	-
13	27-445	AS REQD.	GLAZING WEDGE GASKET	EPDM	DUROMETER 75±5 SHORE A, SOLUCIONESENCAUCHO
14	27-448	AS REQD.	BOTTOM RAIL GLASS STOP	EPDM	DUROMETER 68±5 SHORE A, SOLUCIONESENCAUCHO
14A	27-449	AS REQD.	TOP RAIL & STILES GLASS STOP	EPDM	DUROMETER 75±5 SHORE A, SOLUCIONESENCAUCHO
15	W23241NK	AS REQD.	STILE & JAMB W'STRIPPING	-	GLASS PANELS, ULTRAFAB
16	Q26647DK	AS REQD.	TOP RAIL W'STRIPPING	-	GLASS PANELS, ULTRAFAB
17	ES-4015	AS REQD.	BOTTOM RAIL W'STRIPPING	VINYL	GLASS PANELS
19	#10X1-1/4" PH SMS	8/ PANEL	PANEL ASSY SCREWS	-	GLASS PANELS
19A	#10X1" FH SMS	2/ CORNER	FRAME ASSY SCREWS	-	-
20	GTT-26/13-02A	2/ MOV. PANEL	TANDEM ACETAL WHEELS IN METALLIC HOUSING	-	PABOSA
20A	AR06BSS-IS/4	2/ MOV. PANEL	TANDEM ST. STEEL WHEELS IN METALLIC HOUSING	-	BSI
21	#10X1-1/4" PH SMS	1/ ROLLER	ROLLER INST. SCREWS	-	GLASS PANELS ONLY
23	2300-10SS	1/ MOV. PANEL	3 PLY METALLIC HOOK LOCK	ST. STEEL	-
24	-	2/ LOCK	LOCK INSTALLATION SCREW	-	#6-32 X 1/2" FH MS, ST. STEEL
25	537	1/ LOCK	LOCK STRIKE PLATE	PLATED STEEL	-
26	#10 PH SMS	2/ LOCK	STRIKE PLATE MOUNT. SCREW	-	NOT SHOWN
27	#623Z	1/ LOCK	INTERIOR AND EXTERIOR PULL	-	(3) #6-32 X 1/2" FH MS, ST. STEEL
28	ES4028	AS REQD.	SILL RISER	6063-T5	-
29	ES-4017	2/ PANEL	FIXED PANEL CLIP (OUTSIDE PANEL)	6063-T5	-
29A	ES-4020	2/ PANEL	FIXED PANEL CLIP (INSIDE PANEL)	6063-T5	FOR OXO DOORS
30	#10X1/2" PH SMS	2/ CLIP	FIXED PANEL CLIP FASTENER	-	-
31	-	AS REQD.	1/4" X 1-1/2" REINFORCING BAR	36 KSI STEEL	LENGTH = PANEL HT. - 6.5"
32	-	AS REQD.	1/2" X 1-1/2" REINFORCING BAR	36 KSI STEEL	LENGTH = PANEL HT. - 6.5"
33	P38024FK	AS REQD.	3" LONG SELF ADHESIVE PILE PAD	WOOL	AT HEAD AND SILL
34	-	2/ SIDE	BUMPON	NEOPRENE	-
35	-	AS REQD.	ASTRAGAL REINFORCING	36 KSI STEEL	LENGTH = PANEL HT. - 14"



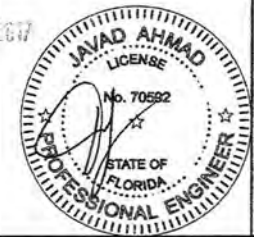
MEDIUM REINFORCING
AT EXT. INTERLOCK & ASTRAGAL STILES



NO REINFORCING

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0985-06
Expiration Date 3/18/24
By: [Signature]
Glass Door Product Council

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-0505-05
Expiration Date 3/18/19
By: [Signature]
Glass Door Product Council

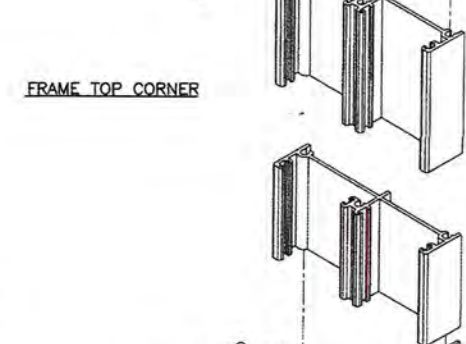
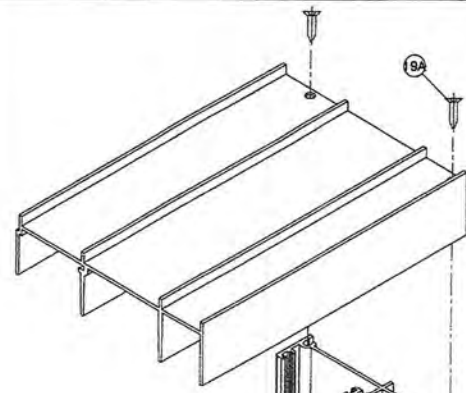
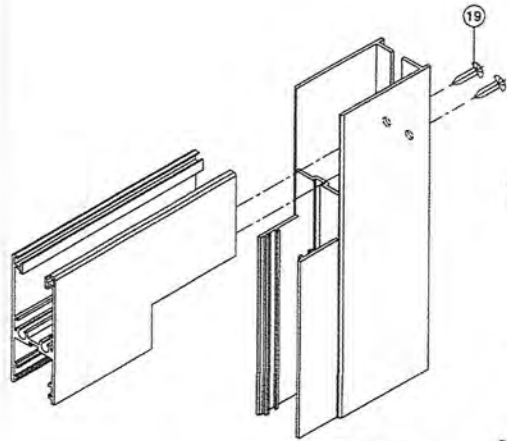
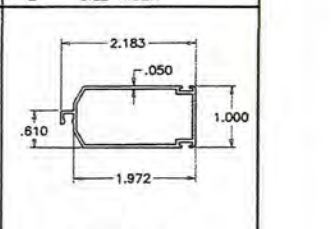
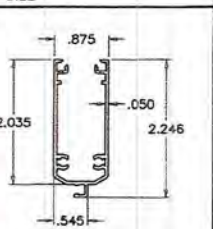
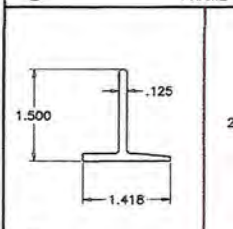
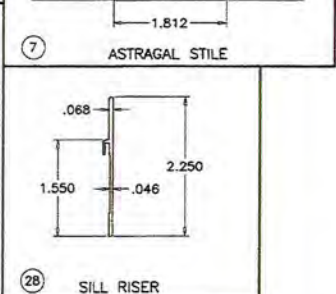
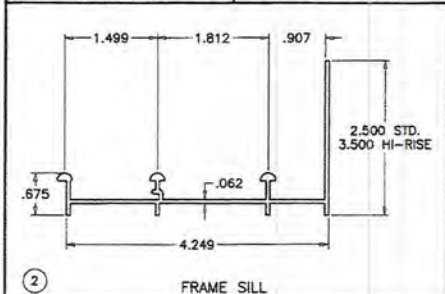
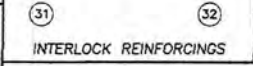
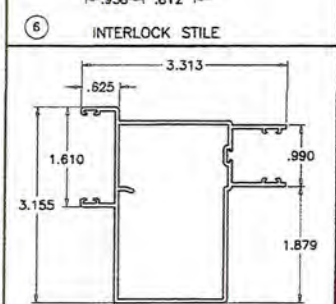
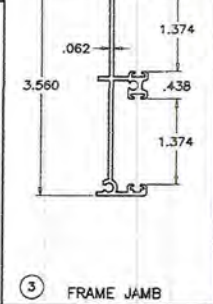
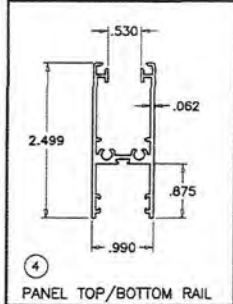
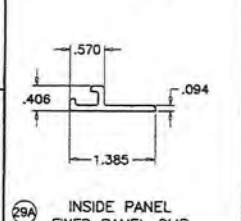
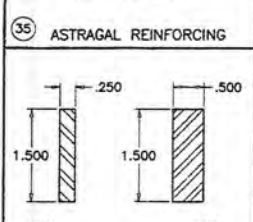
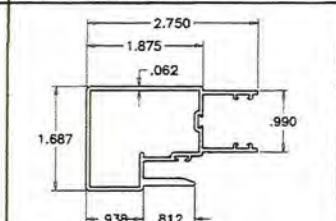
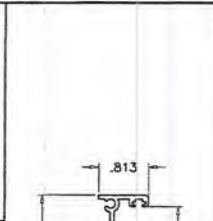
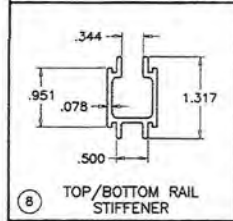
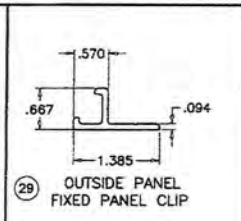
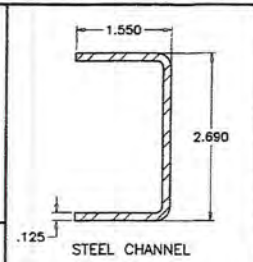
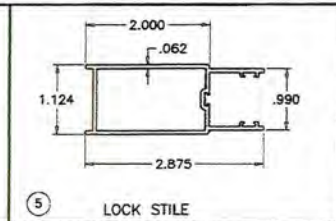
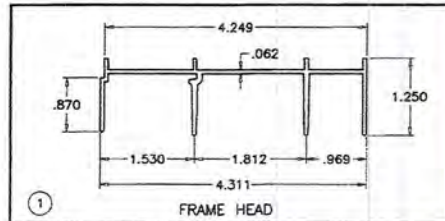


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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3658)
TEL (305) 264-8300 FAX (305) 262-8978
COMP-ANL W03-100ES

SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL (305) 638-5151 FAX (305) 638-5158

NO	DATE	DESCRIPTION
L	07/31/15	GENERAL REV.
M	10/20/15	REV. PER PER COMMENTS
N	11/04/16	EDITORIAL CHANGES
O	09/05/17	NO CHANGE THIS SHEET

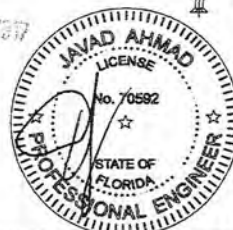
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dr. by: TARIQ
chk. by:
drawing no. **W03-100**
sheet 6 of 7



PANEL CORNER

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 18-0905-06
Expiration Date 3/18/2024
By: Ishaq I. Ahmad
Miami Door Product Control

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 17-0805-05
Expiration Date 02/18/2019
By: Ishaq I. Ahmad
Miami Door Product Control



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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3638)
TEL. (305) 264-8100 FAX. (305) 262-8978
COMP-ANL W03-100CS

SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)
E.S. WINDOWS, LLC
3850 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

no.	date	by	description
L	07/31/15		GENERAL REV.
M	10/20/15		NO CHANGE THIS SHEET
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O	09/05/17		NO CHANGE THIS SHEET

date: 11-08-03
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dr. by: FAROQ
chk. by:

drawing no.
W03-100
sheet 7 of 7