

Staff Report

- 14 Renovation of existing house including new piers. Request to elevate the house 6". New pergola, shed and pool house. New swimming pool and deck. Additions under existing roof at rear and reroofing rear portion of house- **#618 Grinnell Street - Tony Lineberry (H11-01-863)**

This staff report is for the review of a Certificate of Appropriateness that request, among other things, the replacement of existing piers which will be 6" higher than the existing ones. The existing house is listed as a contributing resource. The house is an example of a two and one story eyebrow structure and, according to the Florida Master Site Files, was built circa 1889. The house is located on a corner lot, on Canefield Lane and Grinnell Street and has a particular configuration on its back; a one story structure with covered porches on both sides is attached to the house. The actual configuration is very similar as the footprint observed in all Sanborn maps.

Staff has the following comments regarding the proposed plans:

1. The proposed trellis on the north side of the house will affect the integrity of that part of the house. If a trellis is proposed staff understands that it should be completely detached from the historic house.
2. The proposed board and batten shutters are made of composed materials no solid wood. This is a historic house and as such materials should be compatible with the historic fabric.
3. Proposed new windows will be Marvin double hung with simulated divided lites. On a house like this true divided wood windows will be more appropriate. The applicant is submitting removable lexan panels for hurricane protection.
4. Staff understands that the proposed additions under the existing south porch are not appropriate since the original configuration of the porch will be altered.

Application



**CITY OF KEY WEST
BUILDING DEPARTMENT
CERTIFICATE OF APPROPRIATENESS**
APPLICATION # H11-01-863

OWNER'S NAME: CHRISTOPHER MARIO DATE: 29 JUNE 2011

OWNER'S ADDRESS: 20 GREENHOUSE DRIVE PRINCETON, NJ 08540 PHONE #: 609-924-2400

APPLICANT'S NAME: TONY LINEBERRY PHONE #: 919-786-0229

APPLICANT'S ADDRESS: 2321 BLUE RIDGE RD SUITE 201 RALEIGH NC 27607

ADDRESS OF CONSTRUCTION: 618 GRINNELL STREET, KEY WEST FL 33040 # OF UNITS: 1

THERE WILL BE A FINAL INSPECTION REQUIRED UNDER THIS PERMIT

DETAILED DESCRIPTION OF WORK: INTERIOR & EXTERIOR RENOVATION TO INCLUDE NEW PIERS TO RAISE HOUSE 6", NEW PAINT, GUTTERS, GUTTERS, NEW DECKING, NEW PERGOLA, NEW POOL & POOL DECK, NEW BIKE SHED, NEW POOL HOUSE, NEW DOORS & WINDOWS, NEW PAVERS, ADDITIONS UNDER EXISTING ROOF AT REAR, AND REROOFING REAR PORTION OF HOUSE.

Chapter 837.06 F.S.-False Official Statements – Whoever knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his or her official duty shall be guilty of a misdemeanor of the second degree punishable as provided for in s. 775.082 or 775.083

***** JUL 01 2011 *****

This application for Certificate of Appropriateness must precede applications for building permits, right of way permits, variances, and development review approvals. Applications must meet or exceed the requirements outlined by the Secretary of the Interior's Standards for Rehabilitation and Key West's Historic Architectural Guidelines.

Once completed, the application shall be reviewed by staff for completeness and either approved or scheduled for presentation to the Historic Architectural Review Commission at the next available meeting. The applicant must be present at this meeting. The filing of this application does not ensure approval as submitted.

Applications that do not possess the required Submittals will be considered incomplete and will not be reviewed for approval.

Date: 29 June 2011

Applicant's Signature: [Signature]

Required Submittals

<input checked="" type="checkbox"/>	TWO SETS OF SCALED DRAWINGS OF FLOOR PLAN, SITE PLAN AND EXTERIOR ELEVATIONS (for new buildings and additions)
<input checked="" type="checkbox"/>	TREE REMOVAL PERMIT (if applicable)
<input checked="" type="checkbox"/>	PHOTOGRAPHS OF EXISTING BUILDING (repairs, rehabs, or expansions)
<input checked="" type="checkbox"/>	PHOTOGRAPHS OF ADJACENT BUILDINGS (new buildings and additions)
<input checked="" type="checkbox"/>	ILLUSTRATIONS OF MANUFACTURED PRODUCTS TO BE USED SUCH AS SHUTTERS, DOORS, WINDOWS, PAINT COLOR CHIPS, AND AWNING FABRIC SAMPLES

Staff Use Only

Date: _____

Staff Approval: _____

Fee Due: \$ _____

HISTORIC ARCHITECTURAL REVIEW APPLICATION

HISTORIC ARCHITECTURAL REVIEW COMMISSION USE ONLY

Approved _____

Denied _____

Deferred _____

Reason for Deferral or Denial:

HARC Comments:

*Home is listed as contributing. frame vernacular built
c. 1889*

*Guidelines for additions, alterations and new
construction (pages 34-38)
Guidelines for outbuildings (page*

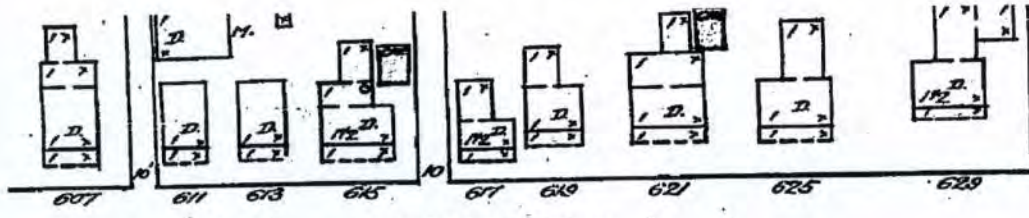
Limit of Work Approved, Conditions of Approval and/or Suggested
Changes:

Date: _____

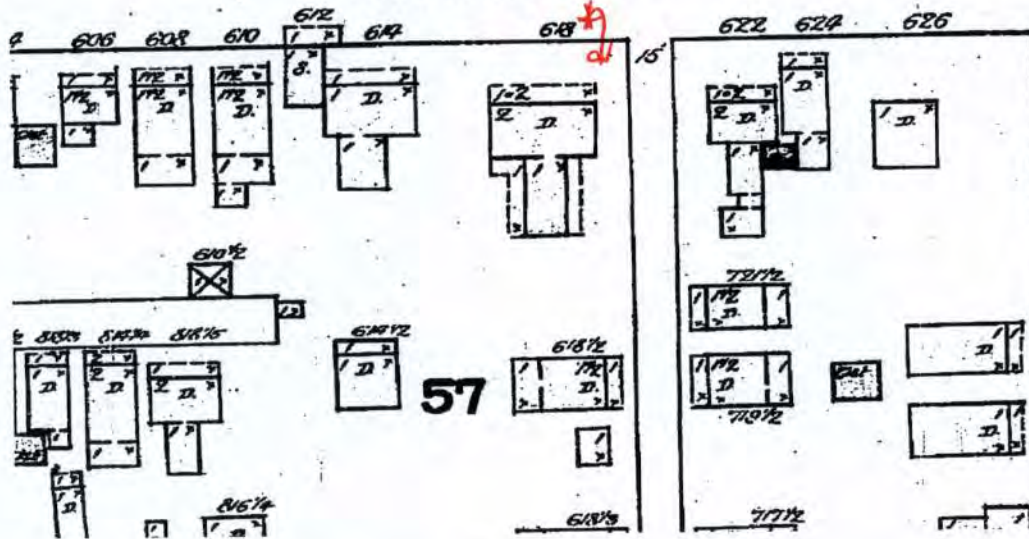
Signature: _____

Historic Architectural
Review Commission

Sanborn Maps



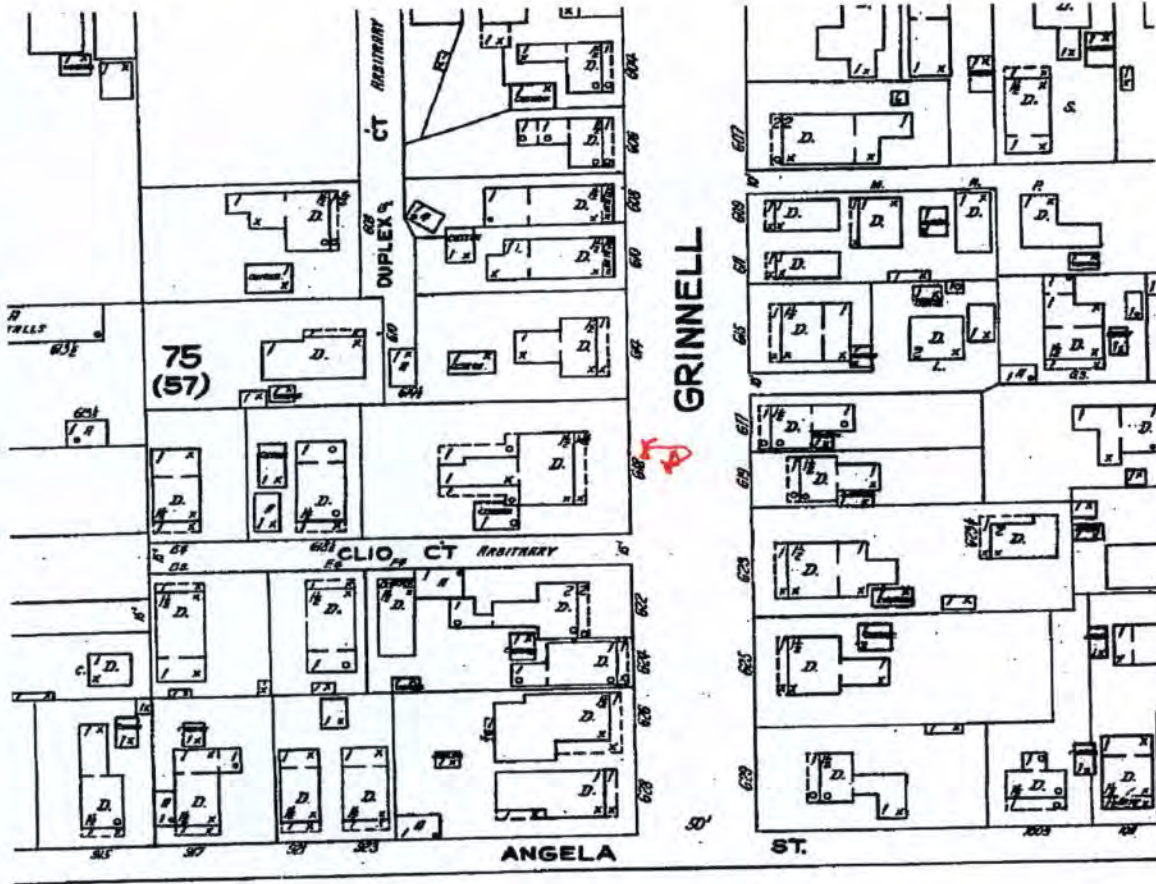
GRINNELL



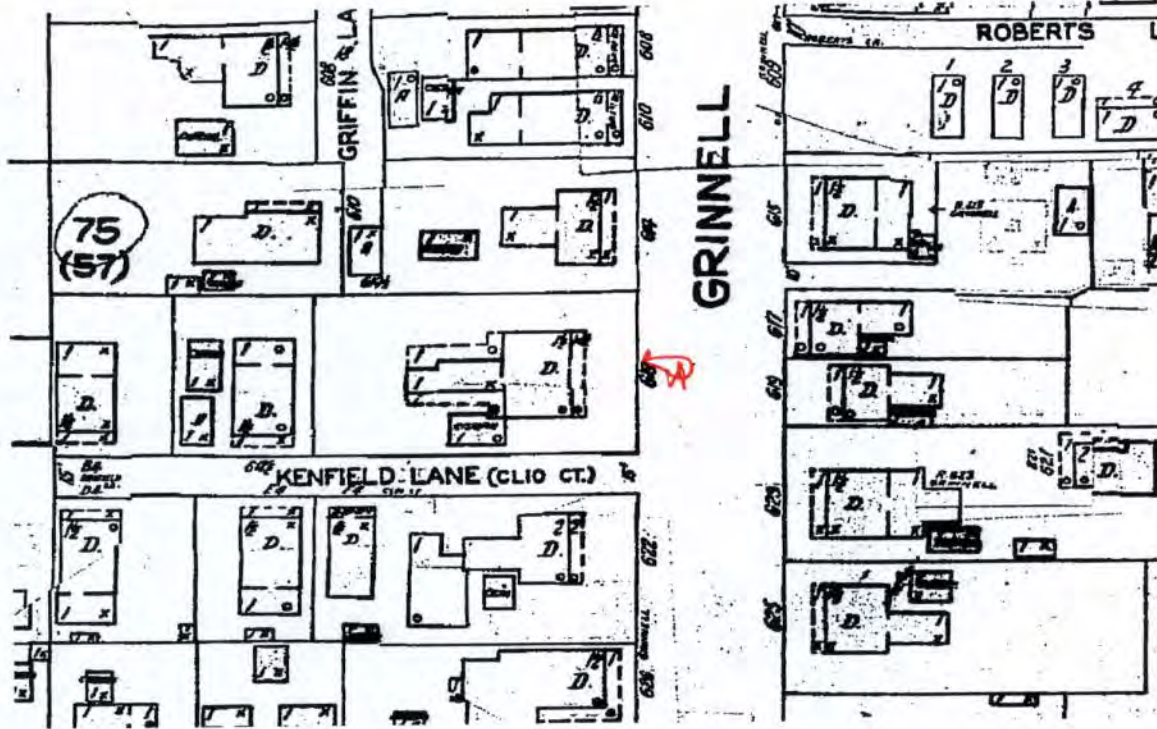
TO BE WIDENED SHORTLY.

E X P O S E

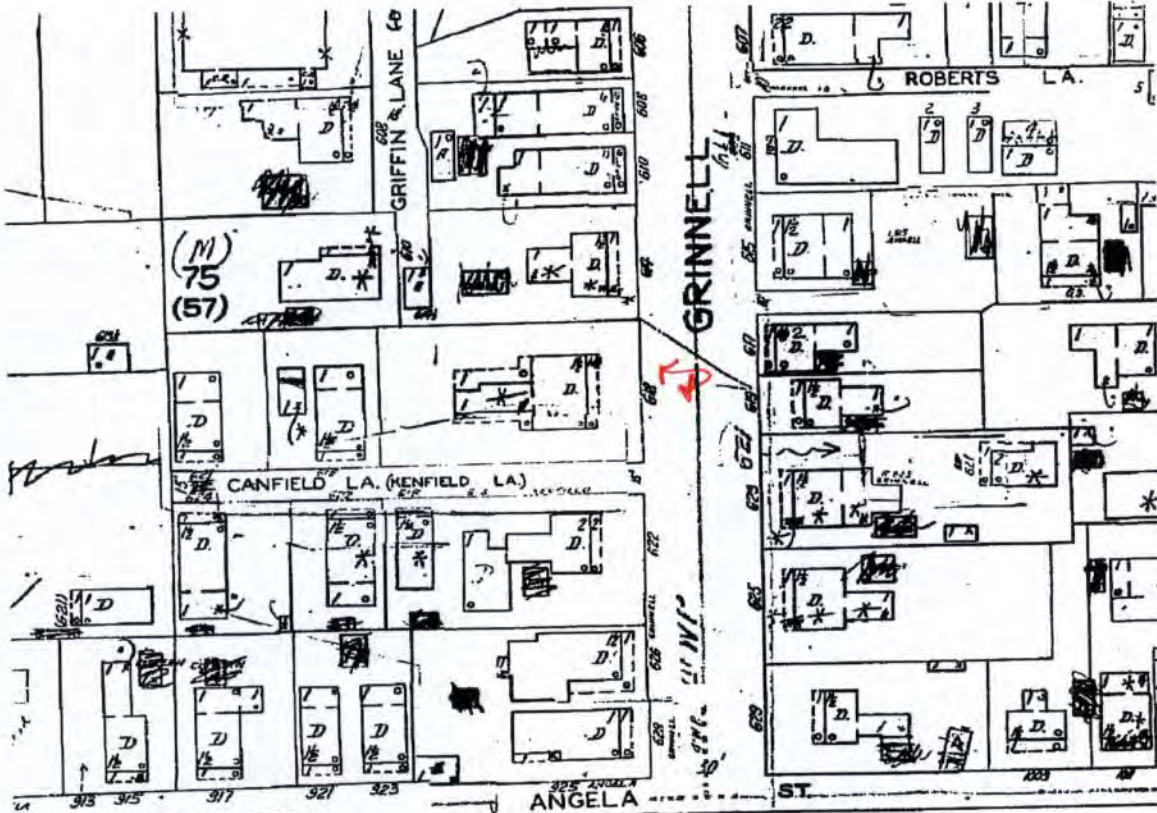
#618 Grinnell Street Sanborn map copy 1892



#618 Grinnell Street Sanborn map copy 1926



#618 Grinnell Street Sanborn map copy 1948



#618 Grinnell Street Sanborn map copy 1962

Project Photos



Photo taken the Property Appraiser's office c1965; 618 Grinnell St.; built c1889; Monroe County Library

618 GRINNELL STREET: PHOTOS

Neighboring house on the right.



Neighboring house on the left,
across the alley.



Neighboring house directly
across the street.



Neighboring house behind on
the alley-Canefield Lane.



618 GRINNELL STREET: PHOTOS

618 Grinnell. Front Elevation.



View from front left of house,
showing entry to alley-Canefield Lane.



View from front right of house.



View of front yard.
Existing fencing to remain. New
pavers from house to sidewalk.



618 GRINNELL STREET: PHOTOS



Front porch. New decking, new steps, new shutters, relocate light fixture to above door, door on right to be replaced with window, entry door to have screen removed and door retrofitted with glass lites.



View of right front side of house. New shutters on windows. New pergola will be visible at rear.



View from left front of house. Existing roofing to remain. Existing gutters & downspouts to be replaced with new. New shutters and paint.



View from left front of house looking down alley. Small pitched roof area to receive new roofing material over existing roofing. New underground propane tank to be located in front of the one-story area on the left.

618 GRINNELL STREET: PHOTOS



View of rear of house from alley.

Location for new pavers at parking area. Location for bike shed, small portion of existing fence to be removed.



View of partially covered deck. This area is the location for the additions under the existing roof. Existing gutters and downspouts are to be replaced with new.



View of partially covered deck at the rear of the house. New A/C units will be located behind the one story area on the right. Existing concrete steps will be replaced with new wood steps.



View showing the one story rear portion of the house. This area is to receive new roofing at the pitched area and new roofing over existing on the low sloped area. Existing doors will be removed and new doors will be installed at new locations.

618 GRINNELL STREET: PHOTOS



View of location for beach gear room. Existing window will be removed and reused, new addition under existing roof. New decking. Existing doors to be replaced.



Location for new addition under the existing roof for the kitchen. Existing column and railing to be removed. New bike shed to be located to the right of this photo.



View of the rear of the house. This elevation is to receive new siding and new windows .



View of the back yard. Location for new pool, pool deck and pool house.

618 GRINNELL STREET: PHOTOS



View of partially covered deck and location for new deck and pergola. Existing gutters and downspouts are to be replaced with new.



Existing partially covered deck to receive new decking. New deck & pergola to be located on the left of the photo. Existing doors to be replaced with new doors and windows in new locations. Location for new indoor/outdoor counter.



Location for new deck & pergola. Existing doors to be removed and new doors and windows will be installed in new locations.



View from right side of house looking towards the back yard. New pergola and deck with new pool and pool deck beyond.

Survey

Site Plans

FRONT ELEVATION



LEFT SIDE ELEVATION



RIGHT SIDE ELEVATION



RENOVATIONS & ADDITIONS TO: MARIO RESIDENCE 618 GRINNELL STREET, KEY WEST, FLORIDA 33040

PROJECT DIRECTORY:

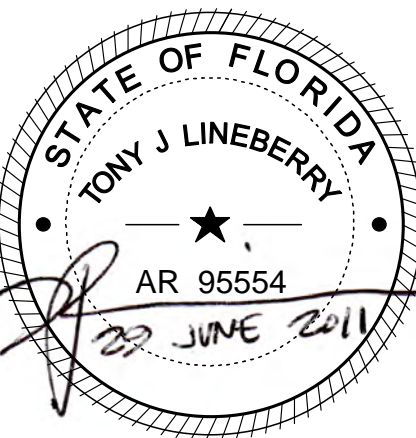
OWNER:
CHRISTOPHER MARIO
20 GREENHOUSE DRIVE,
PRINCETON, NJ 08540
PHONE: 609.924.2400
EMAIL: chris@mariofamily.com

ARCHITECT:
LINEBERRY ARCHITECTURAL GROUP
2321 BLUE RIDGE ROAD, SUITE 201
RALEIGH, NC 27607
PHONE: 919.786.0229
FAX: 919.786.0199
CONTACT: TONY LINEBERRY
EMAIL: mjames@lineberrygroup.com

DRAWING LIST:

DATE:	DRAWING NAME:
6/29/11	T-1 TITLE SHEET/ COLOR RENDERINGS
6/29/11	D-1 SITE/FIRST FLOOR DEMO PLAN
6/29/11	D-2 SECOND FLOOR DEMO PLAN
6/29/11	D-3 EXISTING ROOF DEMO PLAN
6/29/11	D-4 EXISTING ELEVATIONS
6/29/11	S-1 SITE PLAN PROPOSED
6/29/11	A-1 FIRST FLOOR / SITE PLAN
6/29/11	A-2 SECOND FLOOR PLAN
6/29/11	A-3 ROOF PLAN
6/29/11	A-4 EXTERIOR ELEVATIONS
6/29/11	A-5 EXTERIOR ELEVATIONS
6/29/11	A-6 EXTERIOR ELEVATIONS- ACCESSORY STRUCTURES
6/29/11	A-7 EXTERIOR ELEVATIONS- ACCESSORY STRUCTURES
6/29/11	A-8 BUILDING SECTION
6/29/11	A-9 EXTERIOR WINDOW/DOOR SCHEDULE
6/29/11	A-10 DETAILS
6/29/11	A-11 DETAILS

RENOVATIONS & ADDITIONS TO:
MARIO RESIDENCE
618 GRINNELL STREET
KEY WEST, FLORIDA 33040



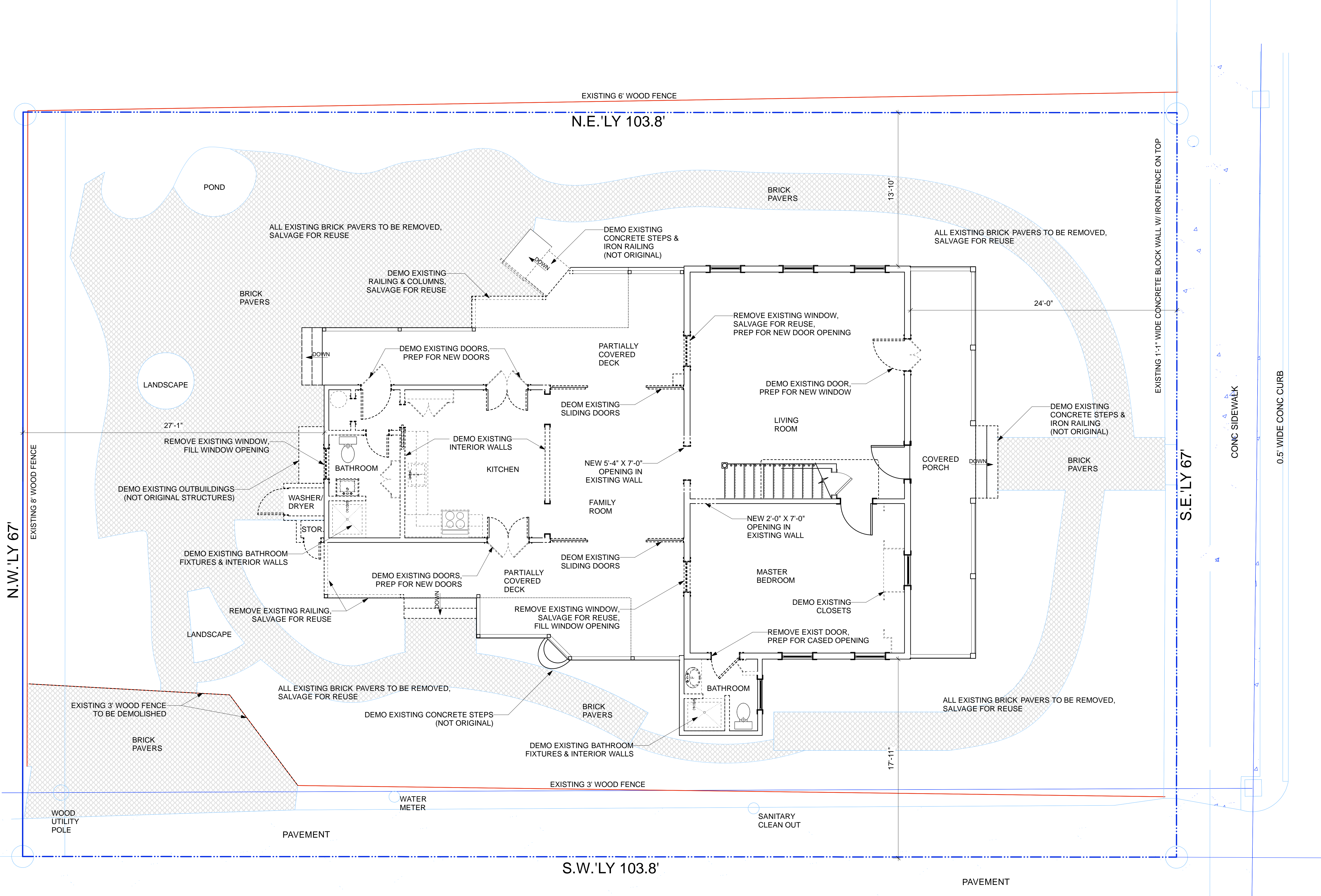
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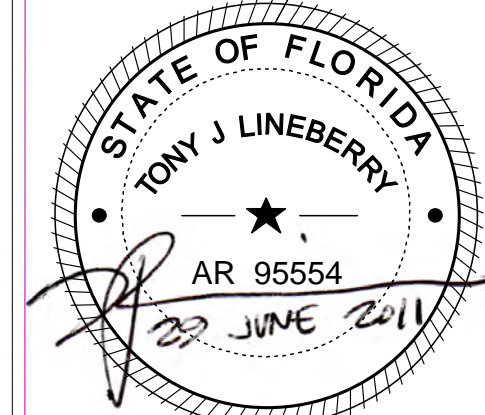
Project Number : 1116
Drawn By: MJ
Date: 29 JUNE 2011

T-1
TITLE SHEET



RENOVATIONS & ADDITIONS TO:
MARIO RESIDENCE
618 GRINNELL STREET
KEY WEST, FLORIDA 33040

CL GRINNELL STREET 50' R/W



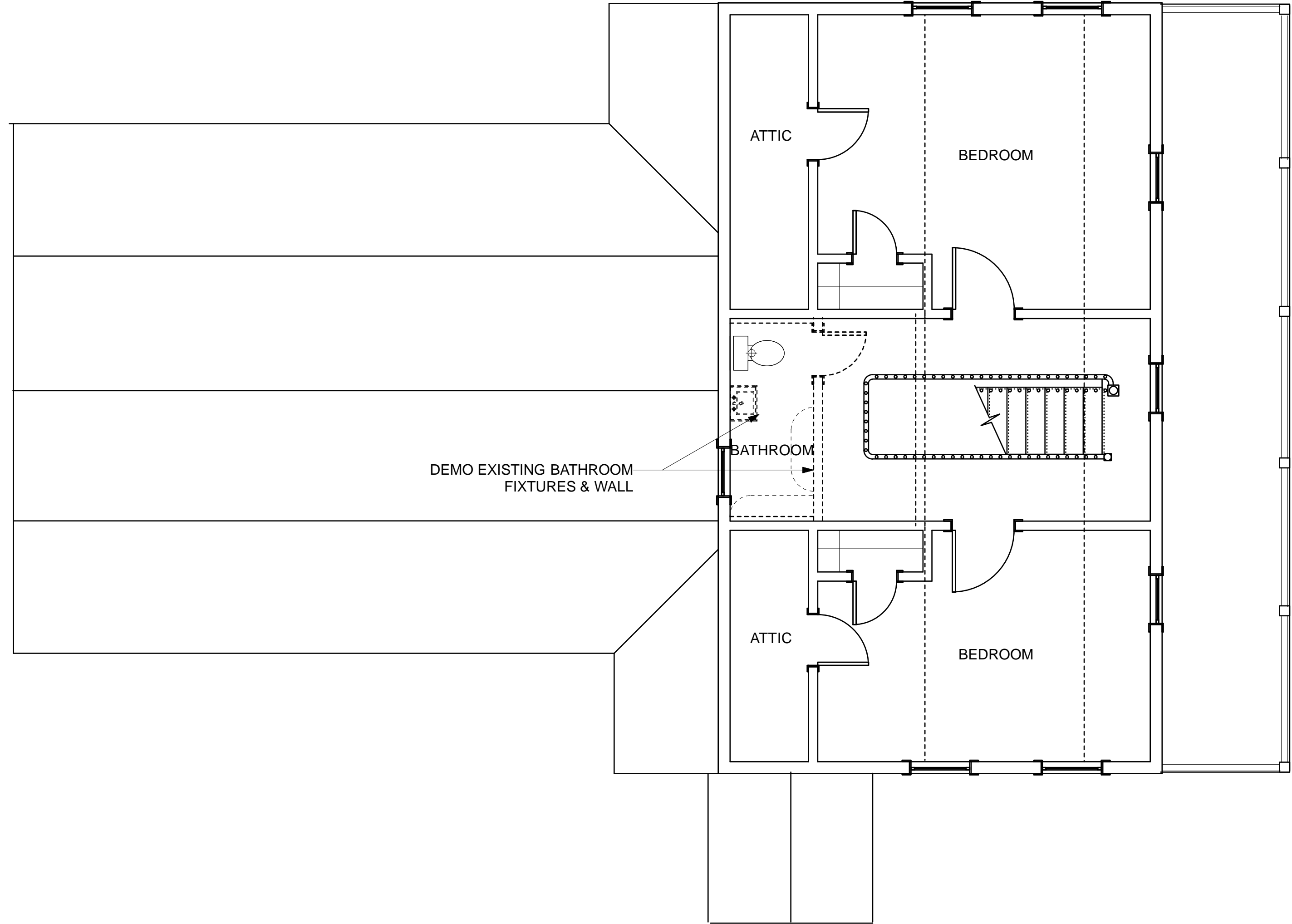
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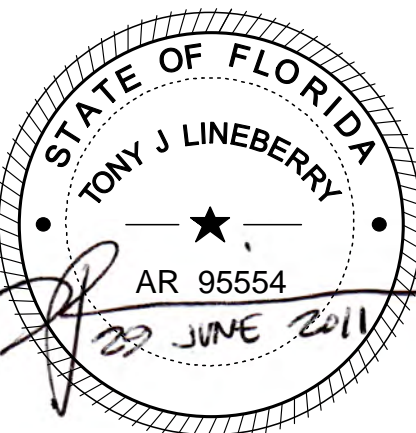
D-1
 SITE/FIRST FLOOR DEMO PLAN

1 SITE/FIRST FLOOR DEMO PLAN
 D-1 Scale: 1/4" = 1'-0"

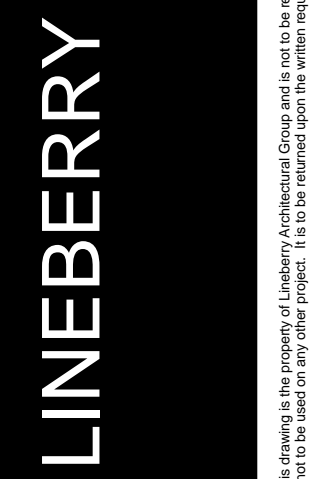


1 SECOND FLOOR DEMO PLAN
D-2 Scale: 1/4" = 1'-0"

RENOVATIONS & ADDITIONS TO:
MARIO RESIDENCE
618 GRINNELL STREET
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D-2
SECOND FLOOR
DEMO PLAN

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EXISTING ROOFING TO BE
DEMOLISHED.
PREP FOR NEW ROOF MATERIAL-
SHADED AREA

PAVEMENT

PAVEMENT

PAVEMENT

CONC SIDEWALK

0.5' WIDE CONC CURB

CL CANEFIELD LANE 10' R/W

CL GRINNELL STREET 50' R/W

1 EXISTING ROOF DEMO PLAN
D-3 Scale: 1/4" = 1'-0"

LINEBERRY

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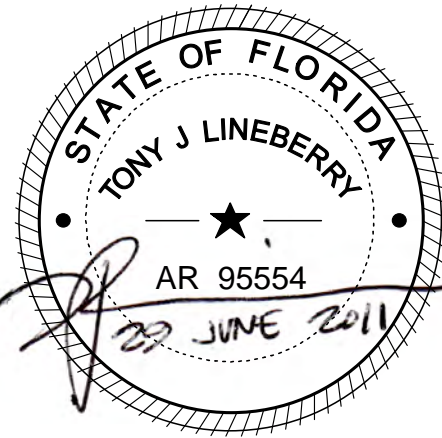
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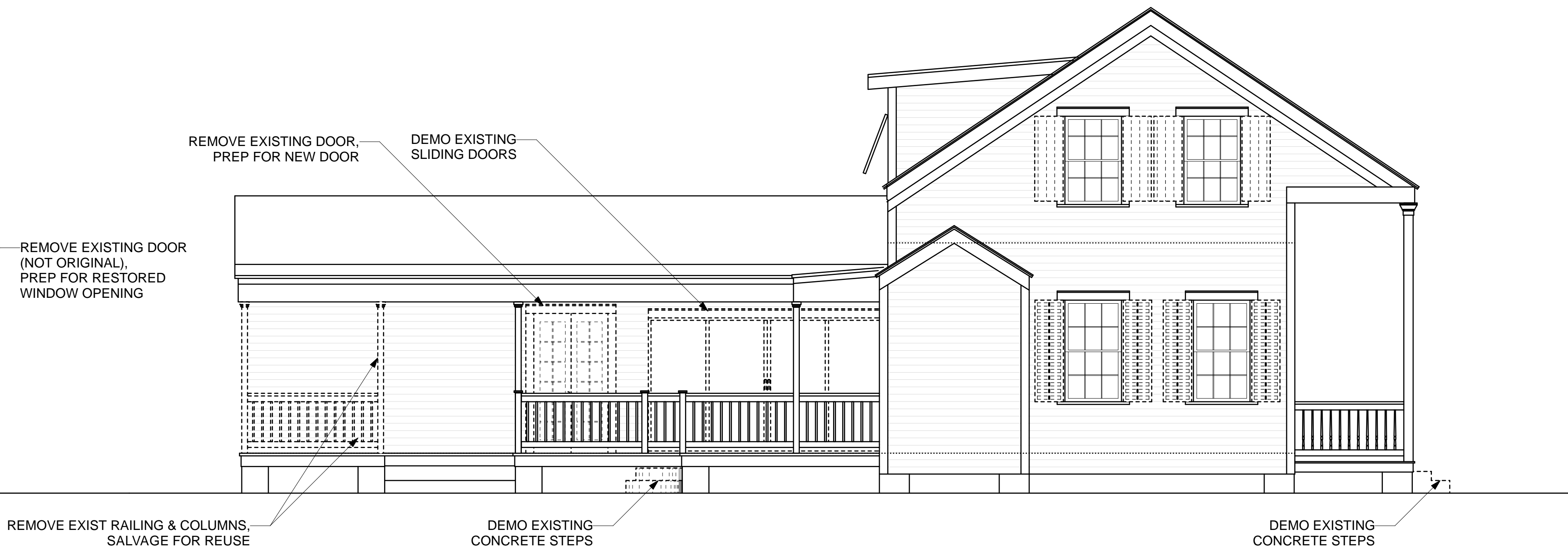
D-3
EXISTING ROOF
DEMO PLAN



RENOVATIONS & ADDITIONS TO:
MARIO RESIDENCE
618 GRINNELL STREET
KEY WEST, FLORIDA 33040



1 FRONT ELEVATION EXISTING
Scale: 1/4" = 1'-0"

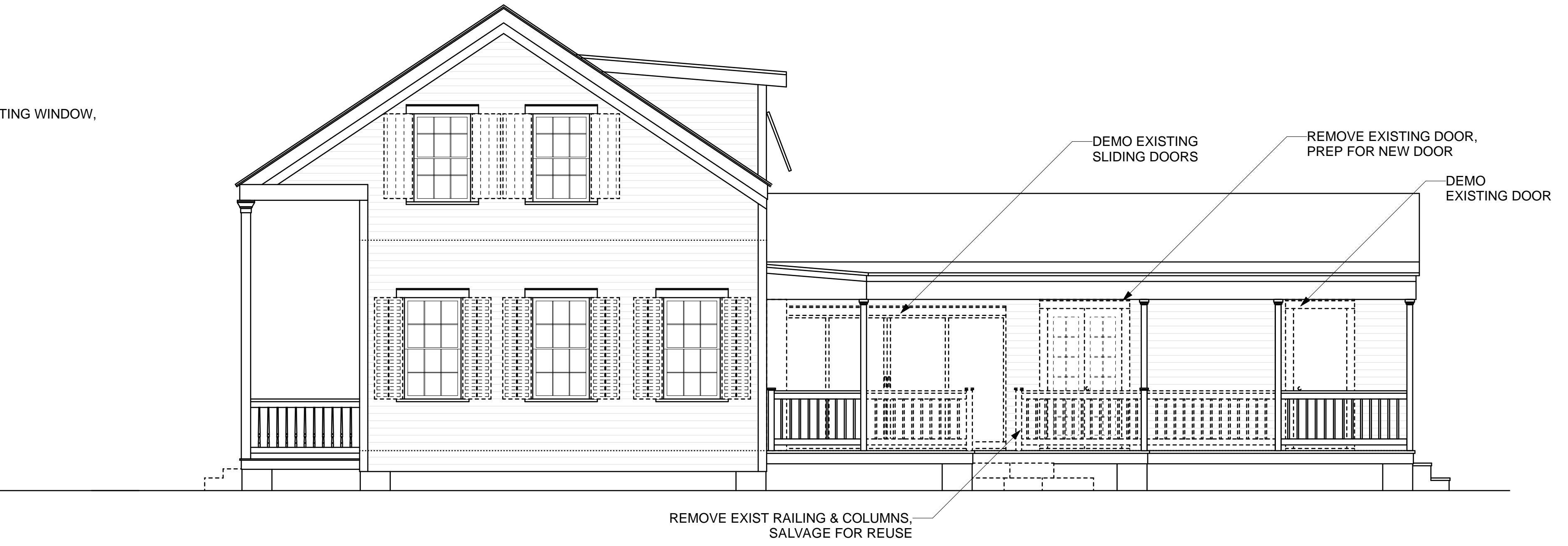


2 LEFT ELEVATION EXISTING
Scale: 1/4" = 1'-0"

NOTE:
ALL EXISTING SHUTTERS & HARDWARE TO BE REMOVED,
PREP FOR NEW SHUTTERS & HARDWARE

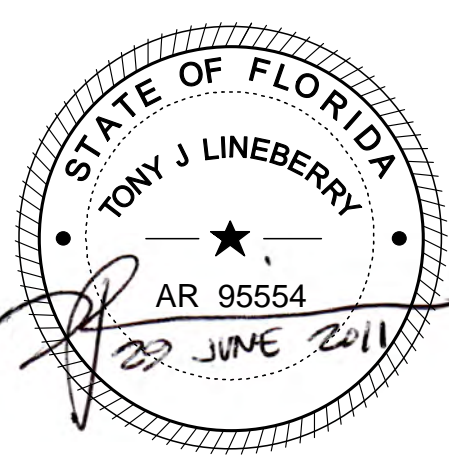


3 BACK ELEVATION EXISTING
Scale: 1/4" = 1'-0"

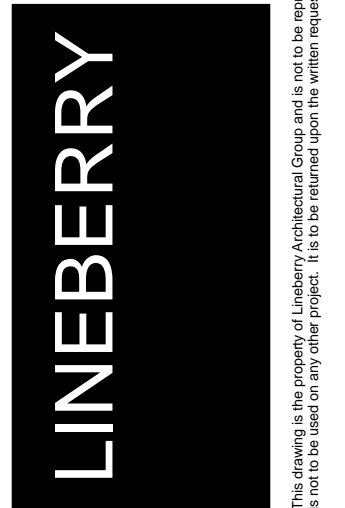


2 RIGHT ELEVATION EXISTING
Scale: 1/4" = 1'-0"

RENOVATIONS & ADDITIONS TO:
MARIO RESIDENCE
618 GRINNELL STREET
KEY WEST, FLORIDA 33040

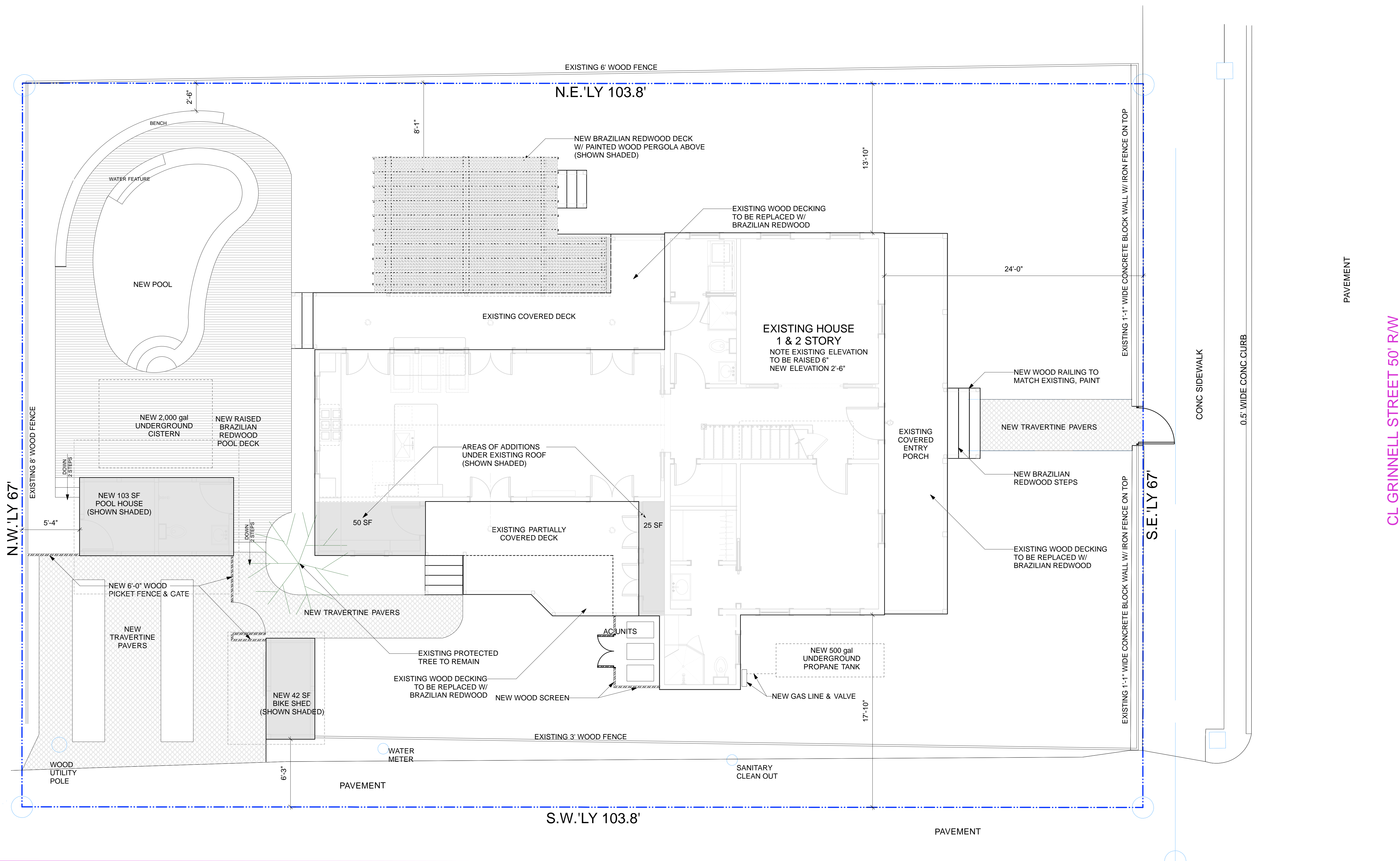


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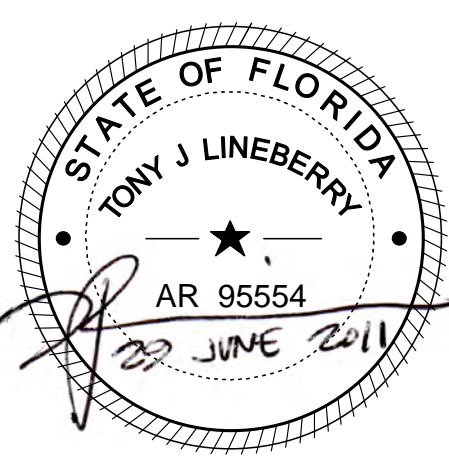
Project Number: 1116
Drawn By: MJ
Date: 29 JUNE 2011

D-4
EXISTING
ELEVATIONS



RENOVATIONS & ADDITIONS TO:
MARIO RESIDENCE
 618 GRINNELL STREET
 KEY WEST, FLORIDA 33040

CL GRINNELL STREET 50' R/W



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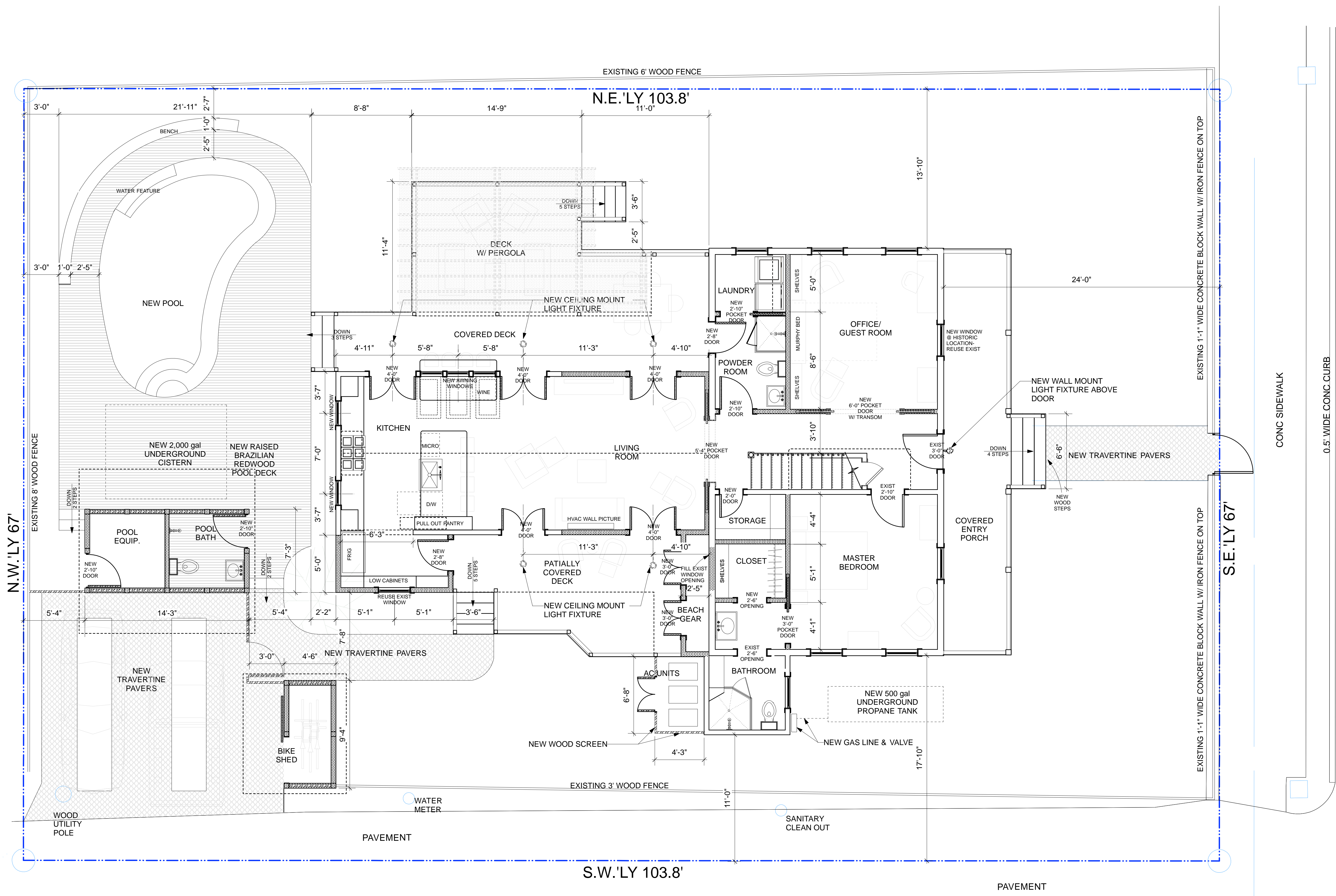
Project Number: 1116
 Drawn By: MJ
 Date: 29 JUNE 2011

S-1
 SITE PLAN
 PROPOSED

1 SITE PLAN PROPOSED
 S-1 Scale: 1/4" = 1'-0"

IMPERVIOUS CALCULATIONS
 LOT SQUARE FOOTAGE: 6,955 SF
 ZONING: HHDR
 TOTAL IMPERVIOUS ALLOWED <60% (4,172 SF)
 BUILDING IMPERVIOUS ALLOWED <50% (3,478 SF)
 TOTAL IMPERVIOUS PROPOSED: 3,986 SF (57.3%)
 BUILDING IMPERVIOUS PROPOSED: 2,390 SF (34.4%)

CL CANEFIELD LANE 10' R/W

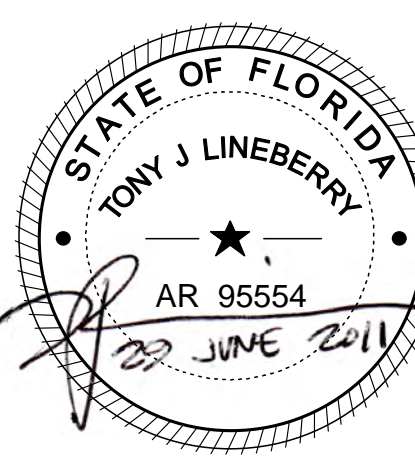


PAVEMENT

PAVEMENT

CL GRINNELL STREET 50' R/W

RENOVATIONS & ADDITIONS TO:
MARIO RESIDENCE
 618 GRINNELL STREET
 KEY WEST, FLORIDA 33040



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 919 786 0229 Fax 919 786 0199 info@lineberrygroup.com

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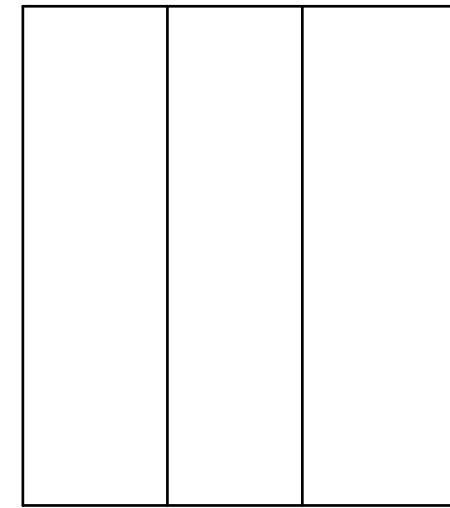
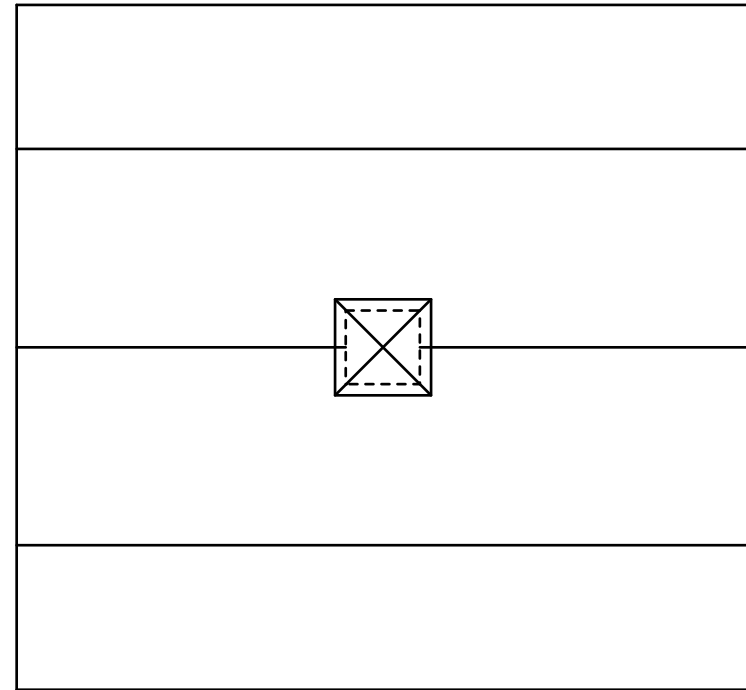
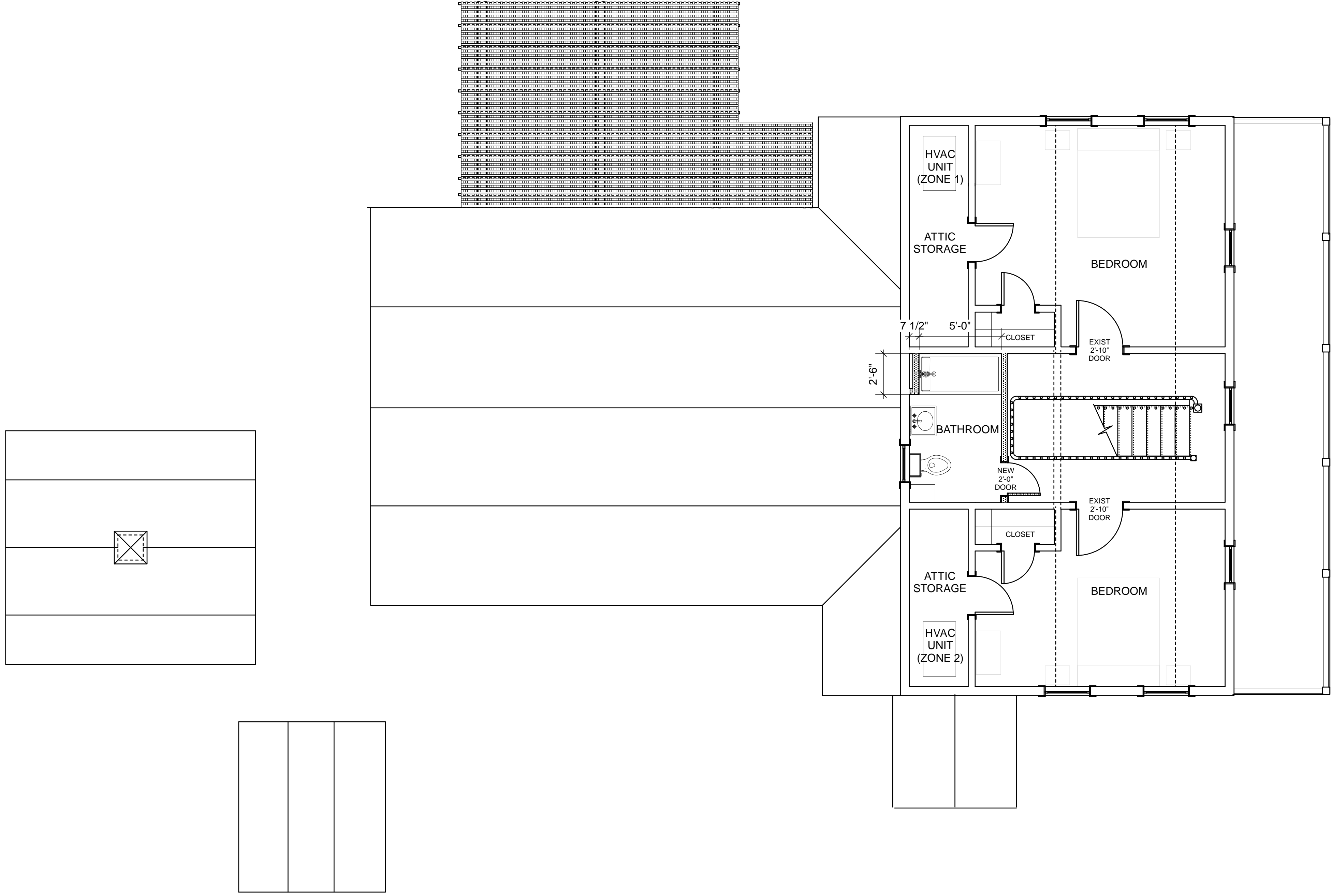
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CL CANEFIELD LANE 10' R/W

1 FIRST FLOOR PLAN
 A-1 Scale: 1/4" = 1'-0"

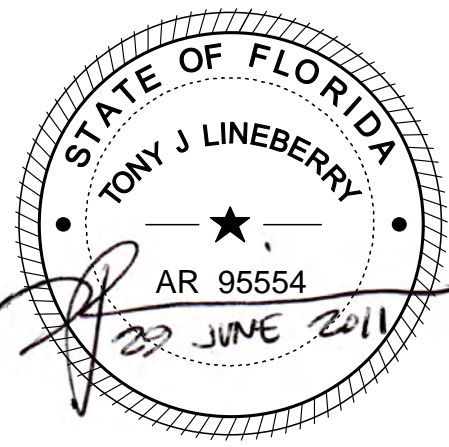
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A-1
 FIRST FLOOR PLAN

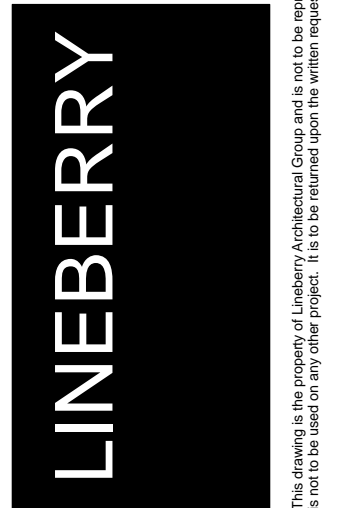


1 SECOND FLOOR PLAN
A-2 Scale: 1/4" = 1'-0"

RENOVATIONS & ADDITIONS TO:
MARIO RESIDENCE
 618 GRINNELL STREET
 KEY WEST, FLORIDA 33040



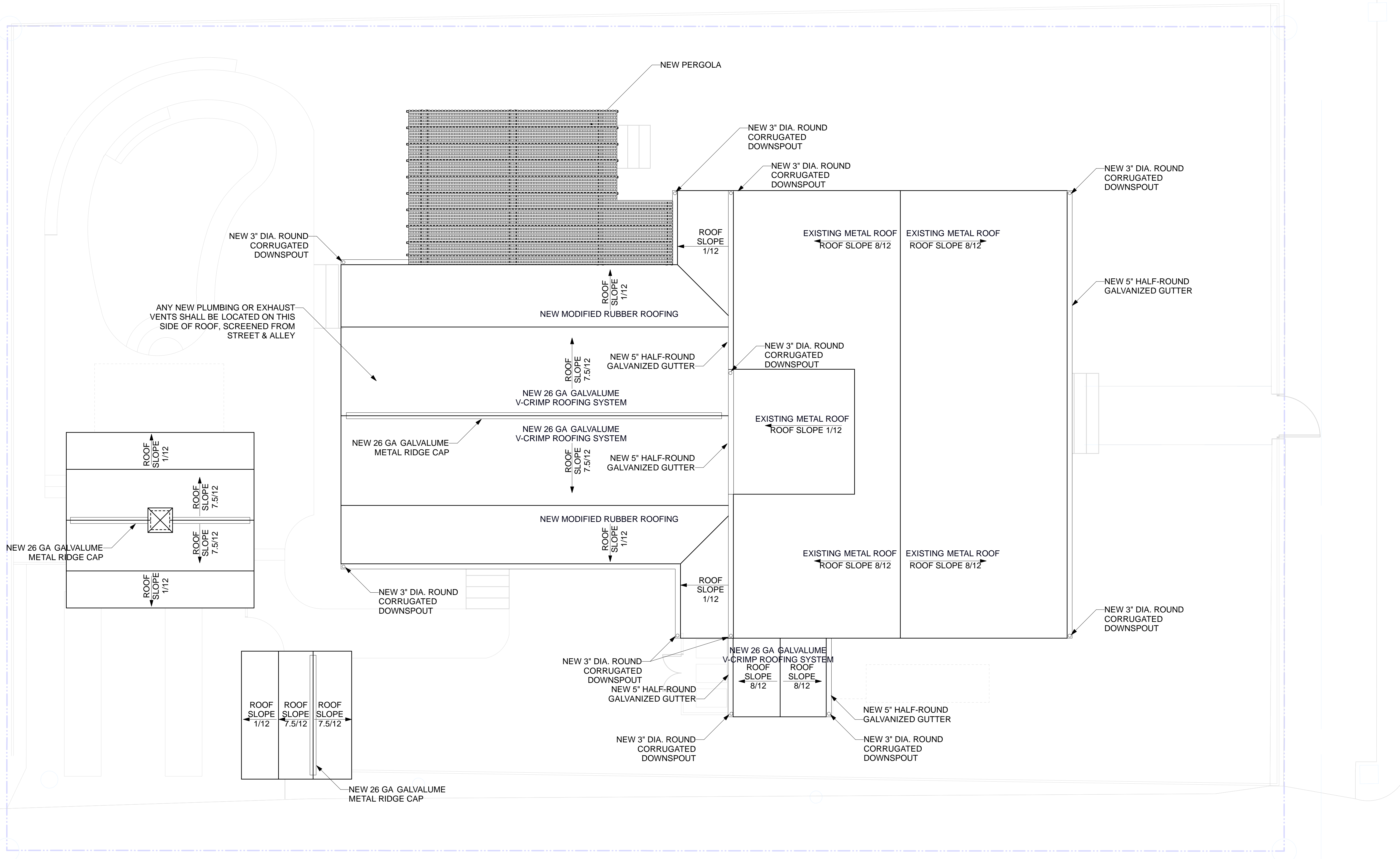
Architectural Group PA
 ARCHITECTURE - PLANNING - INTERIOR ARCHITECTURE
 2321 Blue Ridge Road, Suite 201, Raleigh, North Carolina 27607
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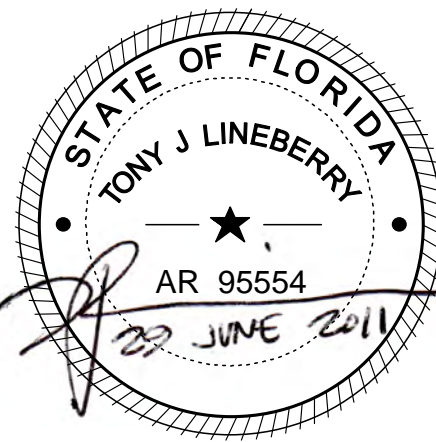
Project Number : 1116
 Drawn By: MJ
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A-2
 SECOND FLOOR PLAN

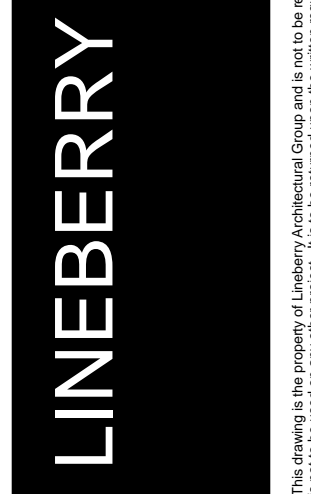
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RENOVATIONS & ADDITIONS TO:
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KEY WEST, FLORIDA 33040

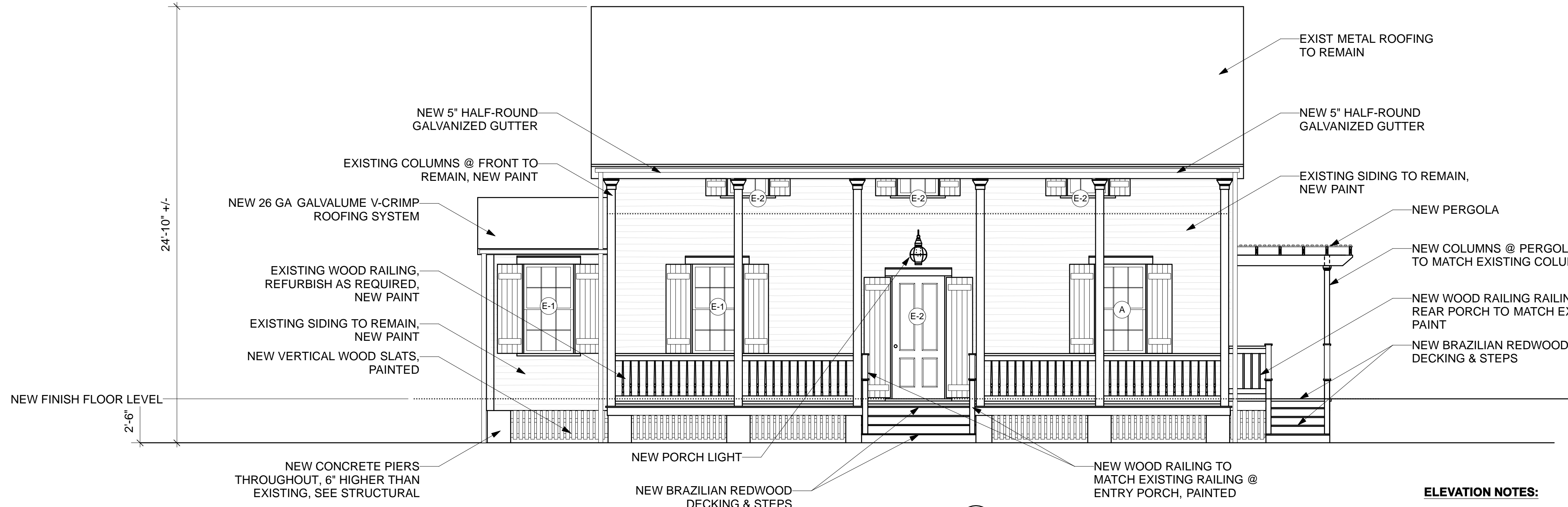


LINEBERRY Architectural Group PA
 ARCHITECTURE - PLANNING - INTERIOR ARCHITECTURE
 2321 Blue Ridge Road, Suite 201, Raleigh, North Carolina 27607
 919 786 0229 Fax 919 786 0199 lineberrygroup.com



Project Number : 1116
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1 ROOF PLAN
 A-3 Scale: 1/4" = 1'-0"



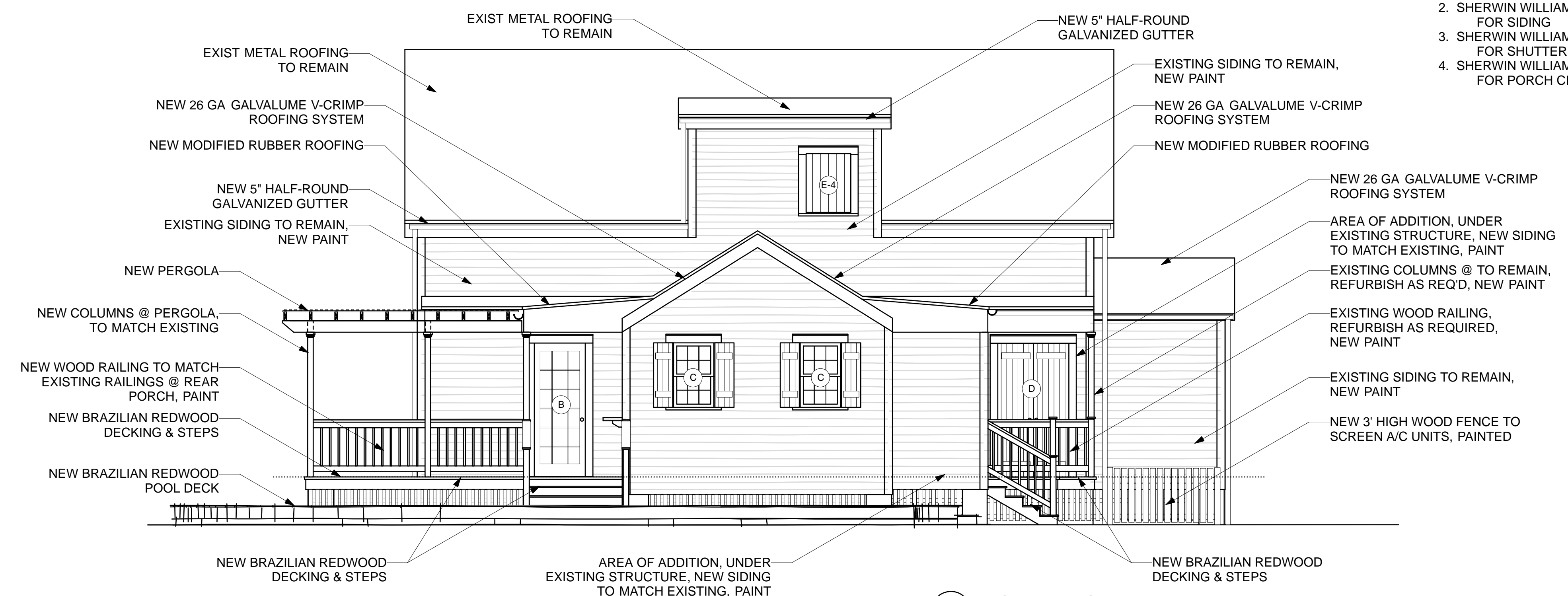
1 FRONT ELEVATION
 Scale: 1/4" = 1'-0"

ELEVATION NOTES:

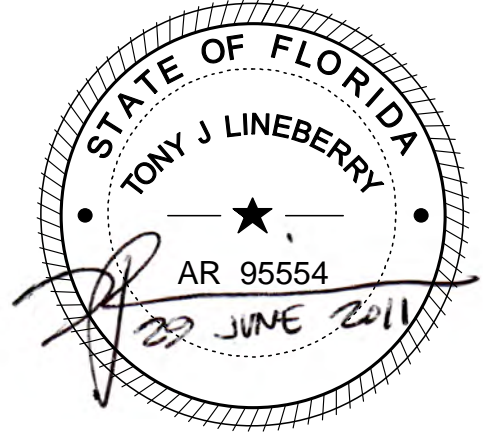
1. FINISH FLOOR LEVEL OF HOUSE IS TO BE RAISED 6" ABOVE EXISTING.
2. REFER TO DOOR/WINDOW SCHEDULE SHEET A-9 FOR SIZES & SPECS.
3. ALL EXISTING SHUTTERS ARE TO BE REPLACED, REFER TO A-9 FOR DETAILS.
4. ALL GUTTERS SHALL BE TIED TO UNDERGROUND CISTERN.
5. ALL NEW RAILINGS TO MATCH EXISTING RAILINGS @ CORRESPONDING PORCH/DECK. GC TO VERIFY EXISTING RAILING & SPINDLE PROFILES TO MATCH.

EXTERIOR PAINT COLORS:

1. SHERWIN WILLIAMS EXTRA WHITE #SW 7006 FOR TRIM, RAILINGS, COLUMNS & FENCES
2. SHERWIN WILLIAMS VANILLIN #SW 6371 FOR SIDING
3. SHERWIN WILLIAMS ROOKWOOD SHUTTER GREEN #SW 2809 FOR SHUTTERS, LOUVERS & VERTICAL SLATS
4. SHERWIN WILLIAMS SPA #SW 6765 FOR PORCH CEILINGS



3 BACK ELEVATION
 Scale: 1/4" = 1'-0"

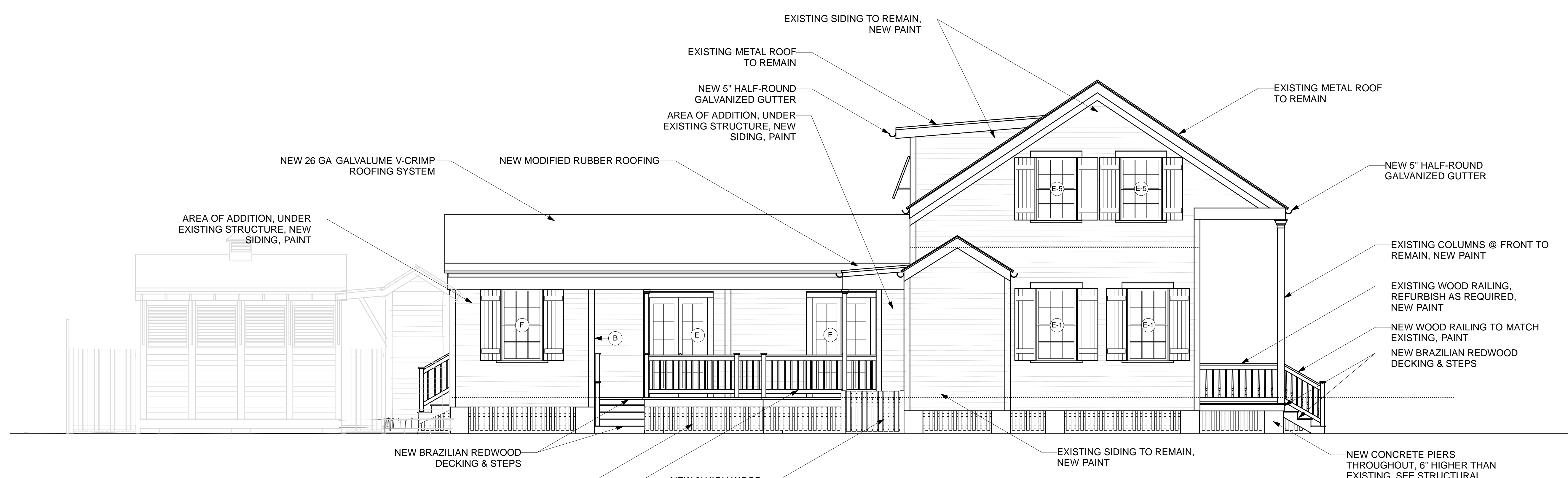


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Project Number : 1116
 Drawn By: MJ
 Date: 29 JUNE 2011

RENOVATIONS & ADDITIONS TO:
MARIO RESIDENCE
618 GRINNELL STREET
KEY WEST, FLORIDA 33040



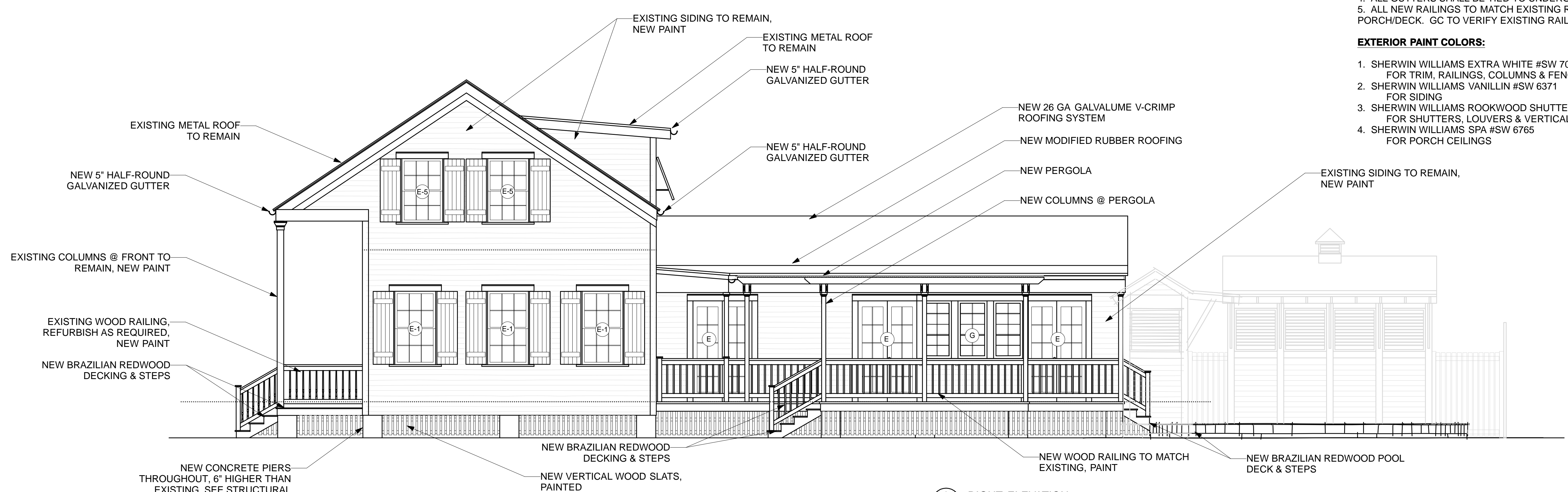
2
A-5 LEFT ELEVATION
 Scale: 1/4" = 1'-0"

ELEVATION NOTES:

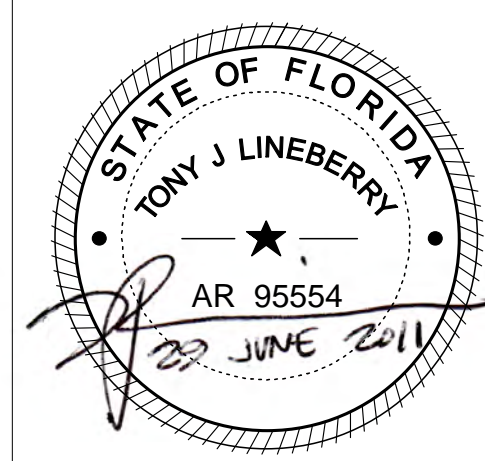
1. FINISH FLOOR LEVEL OF HOUSE IS TO BE RAISED 6" ABOVE EXISTING.
2. REFER TO DOOR/WINDOW SCHEDULE SHEET A-9 FOR SIZES & SPECS.
3. ALL EXISTING SHUTTERS ARE TO BE REPLACED. REFER TO A-9 FOR DETAILS.
4. ALL GUTTERS SHALL BE TIED TO UNDERGROUND CISTERN.
5. ALL NEW RAILINGS TO MATCH EXISTING RAILINGS @ CORRESPONDING PORCH/DECK. GC TO VERIFY EXISTING RAILING & SPINDLE PROFILES TO MATCH.

EXTERIOR PAINT COLORS:

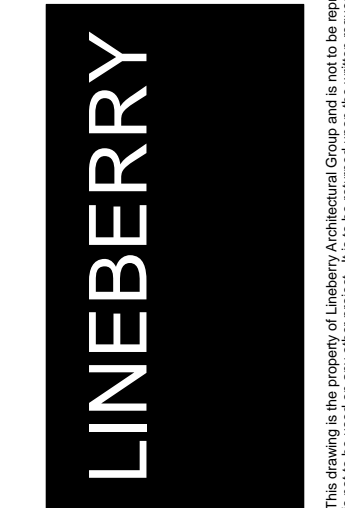
1. SHERWIN WILLIAMS EXTRA WHITE #SW 7006 FOR TRIM, RAILINGS, COLUMNS & FENCES
2. SHERWIN WILLIAMS VANILLIN #SW 6371 FOR SIDING
3. SHERWIN WILLIAMS ROOKWOOD SHUTTER GREEN #SW 2809 FOR SHUTTERS, LOUVERS & VERTICAL SLATS
4. SHERWIN WILLIAMS SPA #SW 6765 FOR PORCH CEILINGS



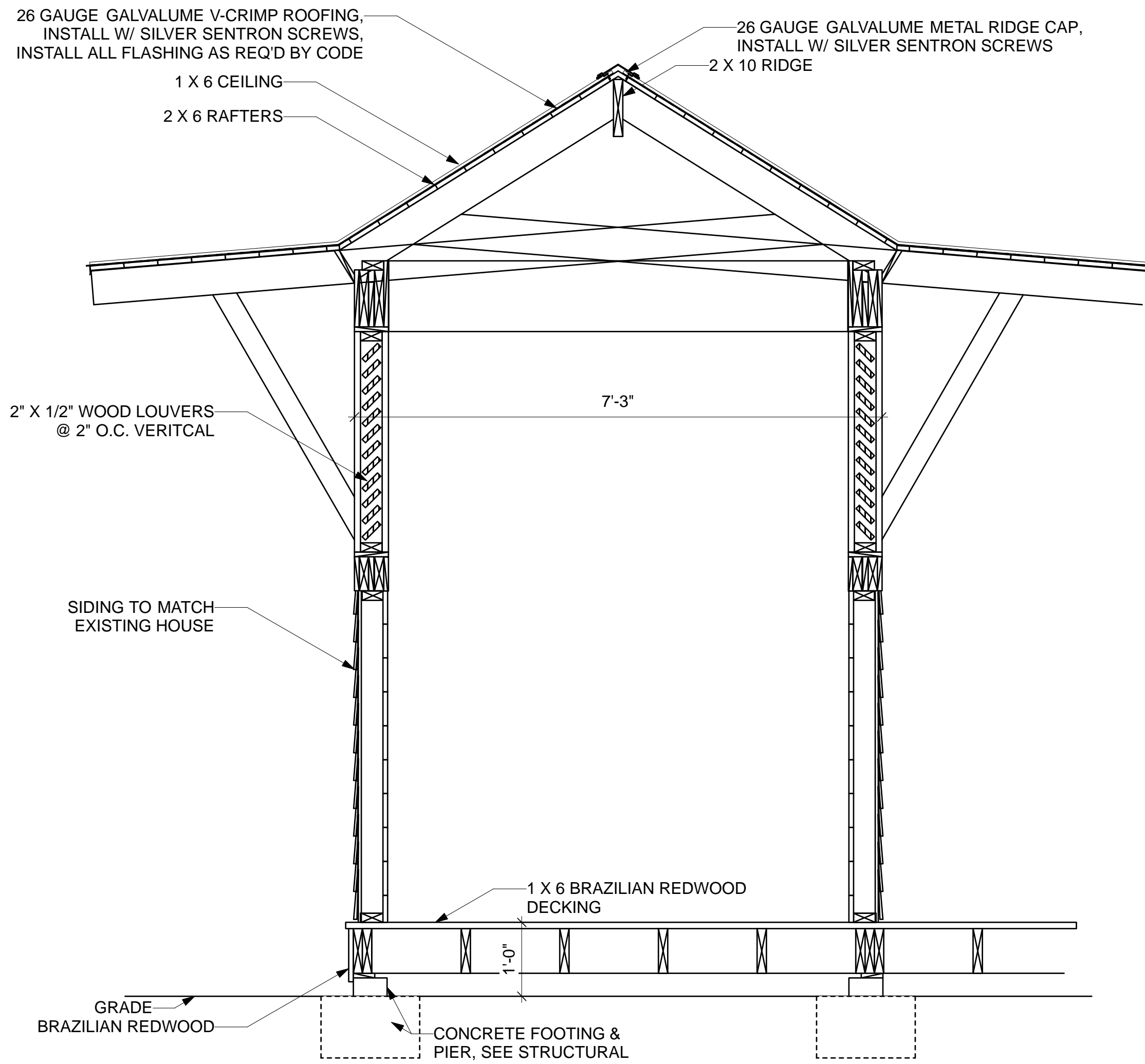
2
A-5 RIGHT ELEVATION
 Scale: 1/4" = 1'-0"



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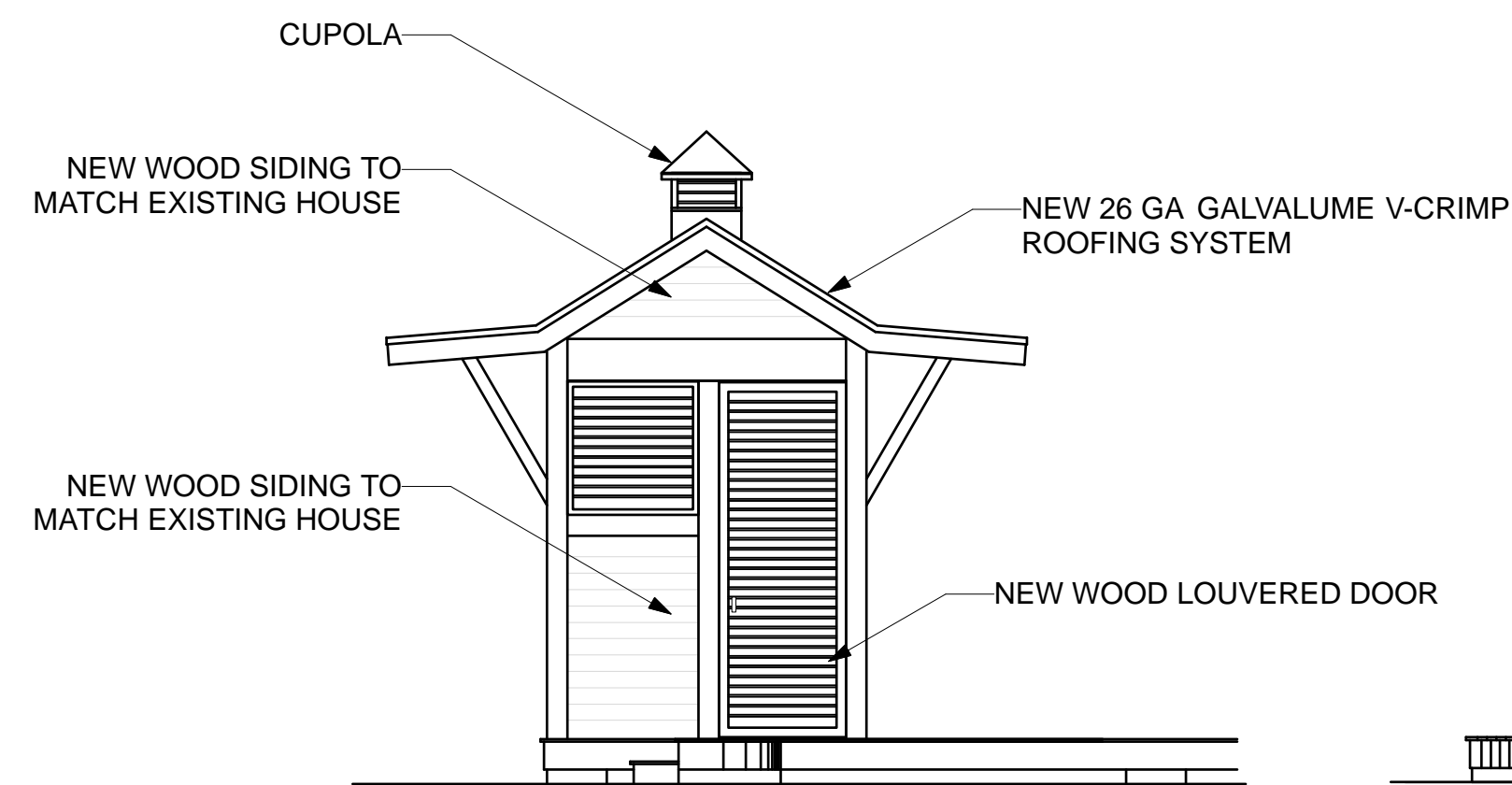


ELEVATION NOTES:

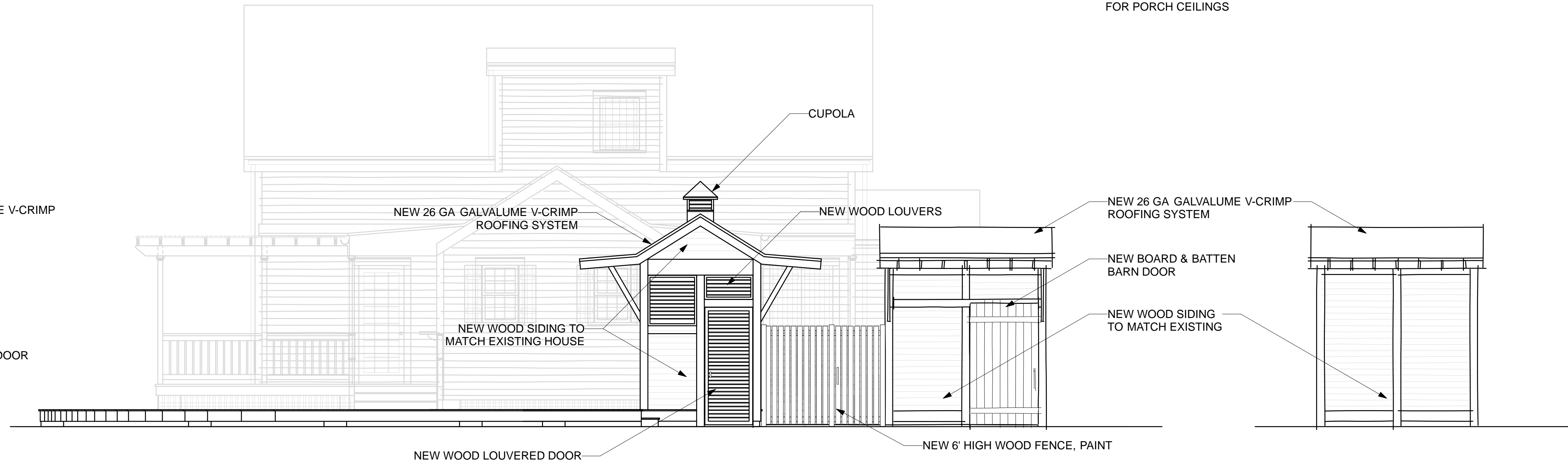
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EXTERIOR PAINT COLORS:

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2. SHERWIN WILLIAMS VANILIN #SW 6371 FOR SIDING
3. SHERWIN WILLIAMS ROOKWOOD SHUTTER GREEN #SW 2809 FOR SHUTTERS, LOUVERS & VERTICAL SLATS
4. SHERWIN WILLIAMS SPA #SW 6765 FOR PORCH CEILINGS



4
A-6
POOL HOUSE
ELEVATION @ POOL BATH
Scale: 1/4" = 1'-0"

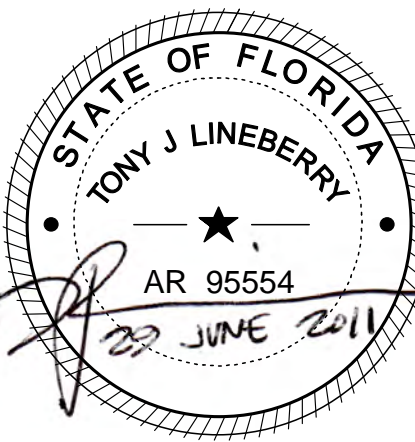


3
A-6
POOL HOUSE
ELEVATION @ POOL EQUIP.
Scale: 1/4" = 1'-0"

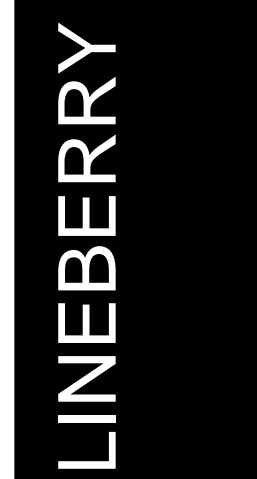
2
A-6
BIKE SHED
ELEVATION @ DRIVEWAY
Scale: 1/4" = 1'-0"

1
A-6
BIKE SHED
ELEVATION @ SIDE YARD
Scale: 1/4" = 1'-0"

RENOVATIONS & ADDITIONS TO:
MARIO RESIDENCE
618 GRINNELL STREET
KEY WEST, FLORIDA 33040



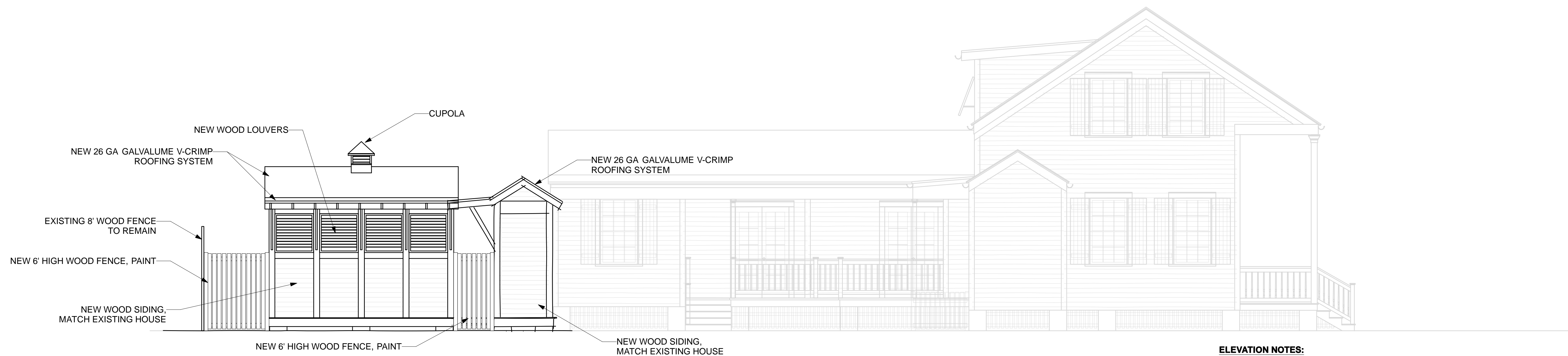
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Drawn By: MJ
Date: 29 JUNE 2011

A-6
EXTERIOR
ELEVATIONS-
ACCESSORY
STRUCTURES

RENOVATIONS & ADDITIONS TO:
MARIO RESIDENCE
618 GRINNELL STREET
KEY WEST, FLORIDA 33040



4
A-7
**POOL HOUSE
 ELEVATION @ DRIVEWAY**
 Scale: 1/4" = 1'-0"

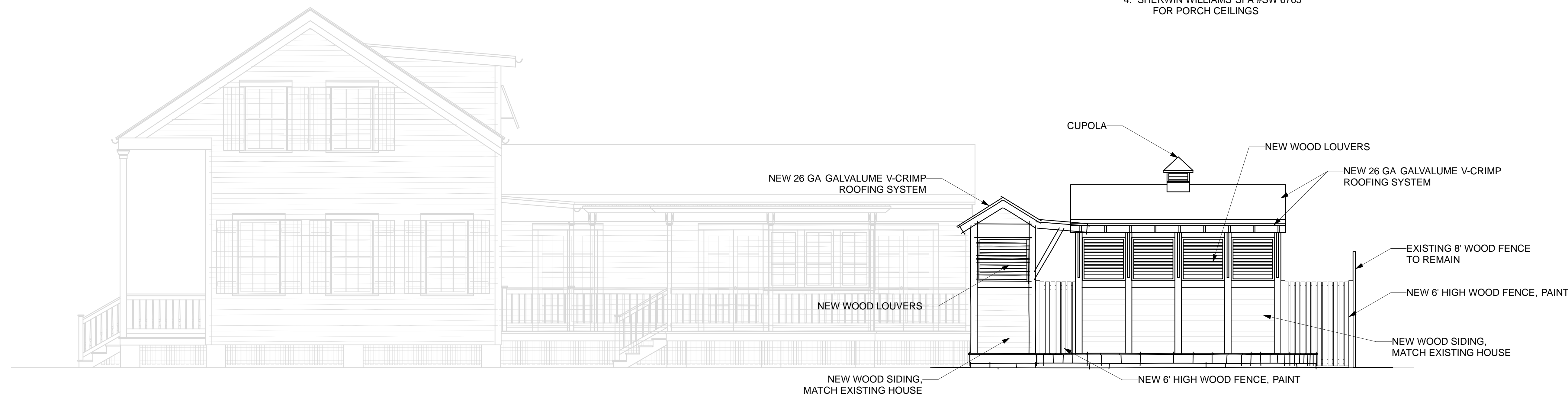
3
A-7
**BIKE SHED
 ELEVATION @ SIDE STREET**
 Scale: 1/4" = 1'-0"

ELEVATION NOTES:

1. FINISH FLOOR LEVEL OF HOUSE IS TO BE RAISED 6" ABOVE EXISTING.
2. REFER TO DOOR/WINDOW SCHEDULE SHEET A-9 FOR SIZES & SPECS.
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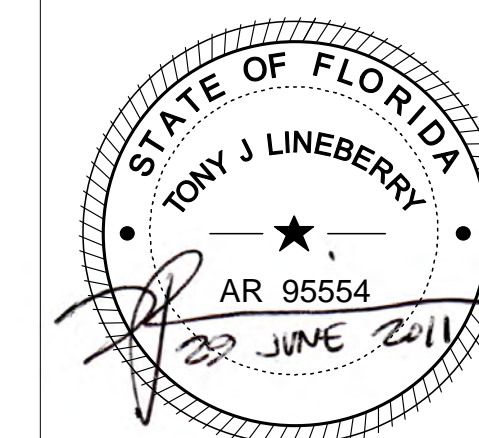
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4. SHERWIN WILLIAMS SPA #SW 6765 FOR PORCH CEILINGS



2
A-7
**BIKE SHED
 ELEVATION @ POOL HOUSE**
 Scale: 1/4" = 1'-0"

1
A-7
**POOL HOUSE
 ELEVATION @ POOL DECK**
 Scale: 1/4" = 1'-0"



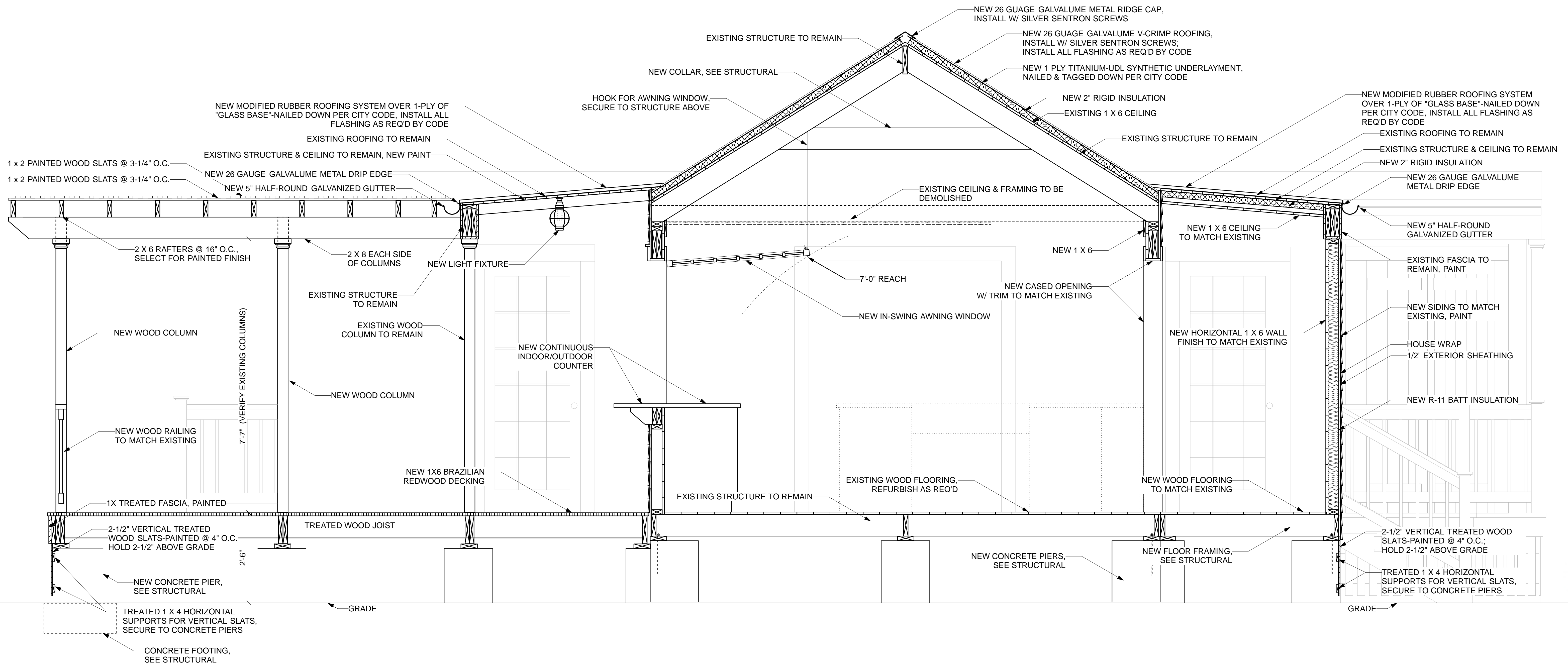
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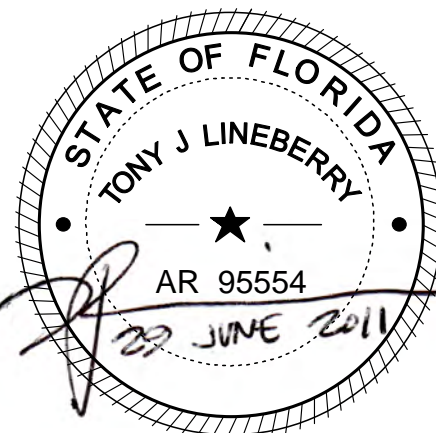
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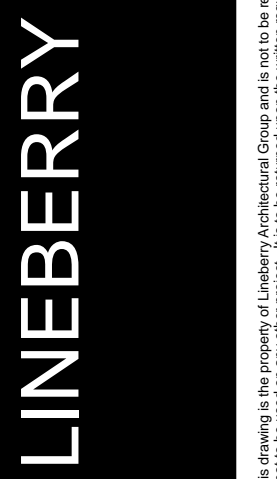
A-7
 EXTERIOR
 ELEVATIONS-
 ACCESSORY
 STRUCTURES



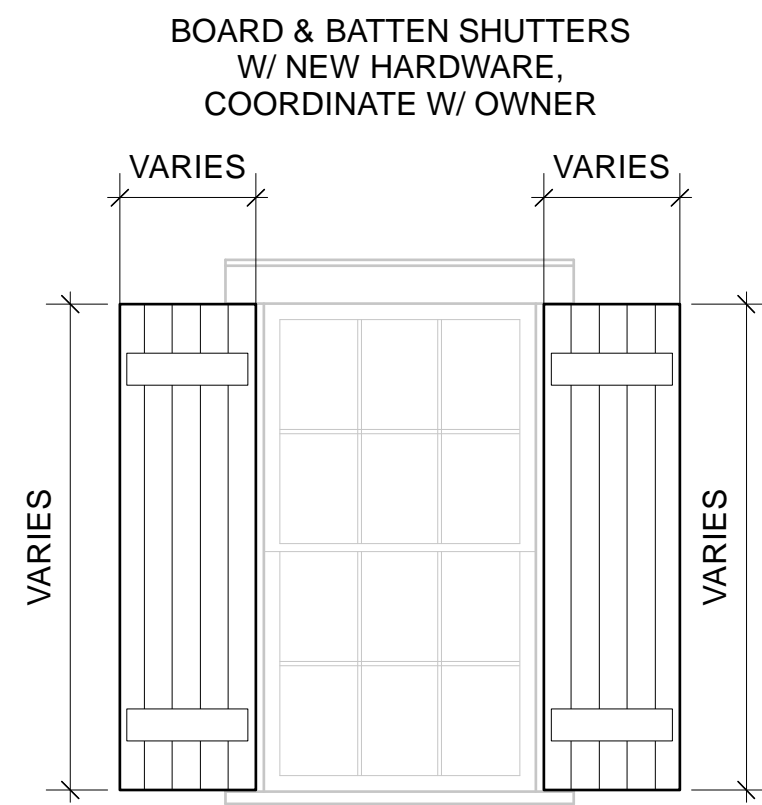
RENOVATIONS & ADDITIONS TO:
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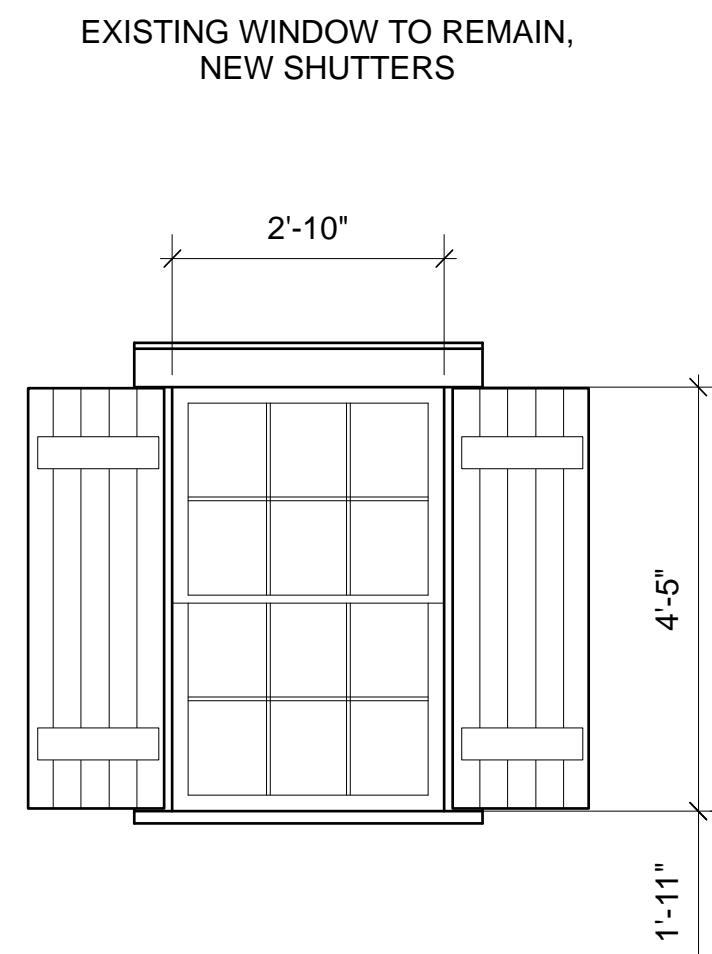
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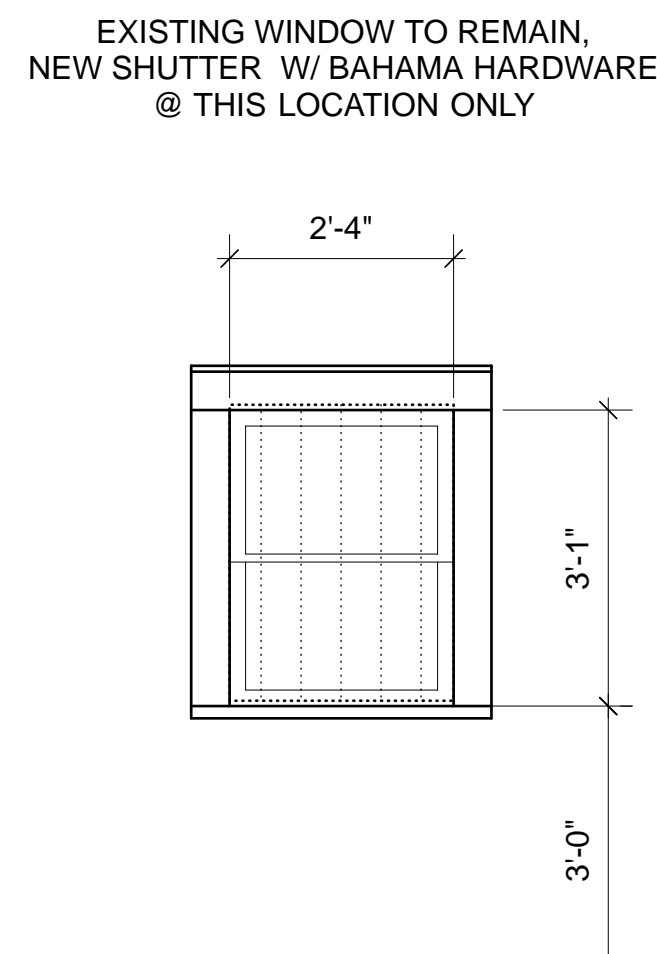
Project Number : 1116
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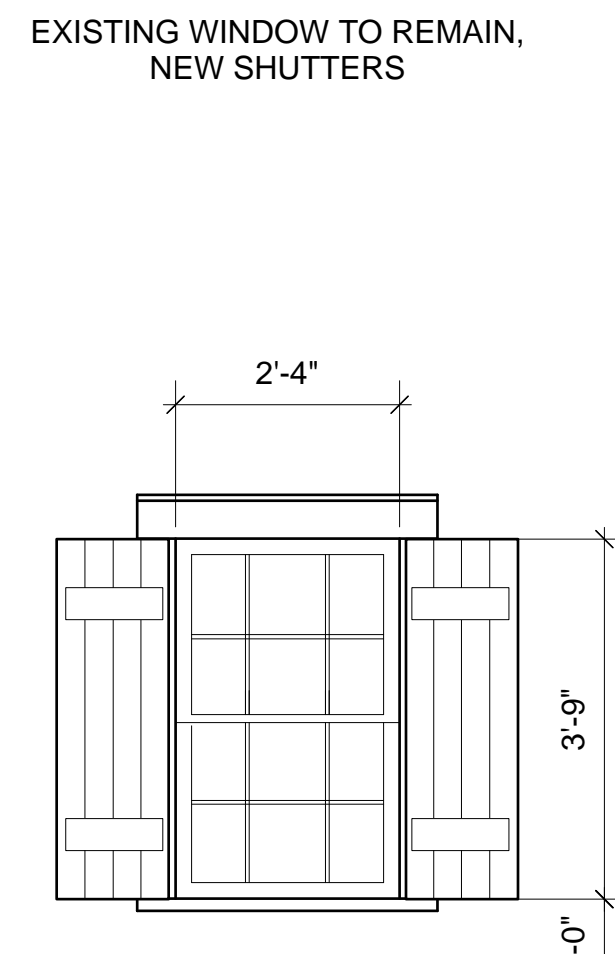
TYPICAL SHUTTERS
Scale: 1/2" = 1'-0"



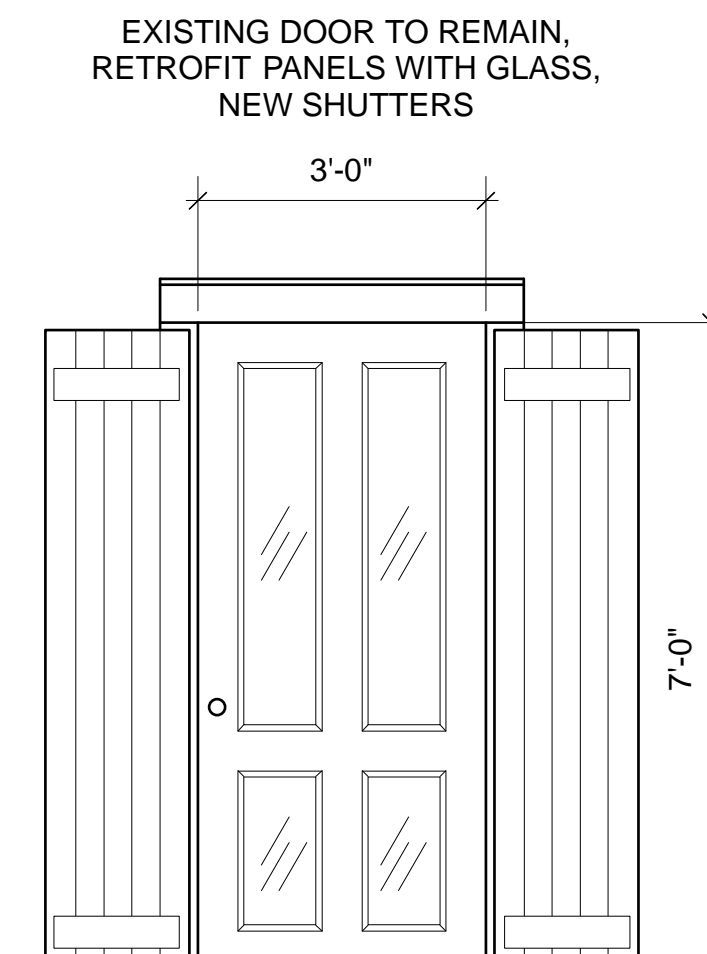
E-5 WINDOW TYPE E-5
Scale: 1/2" = 1'-0"



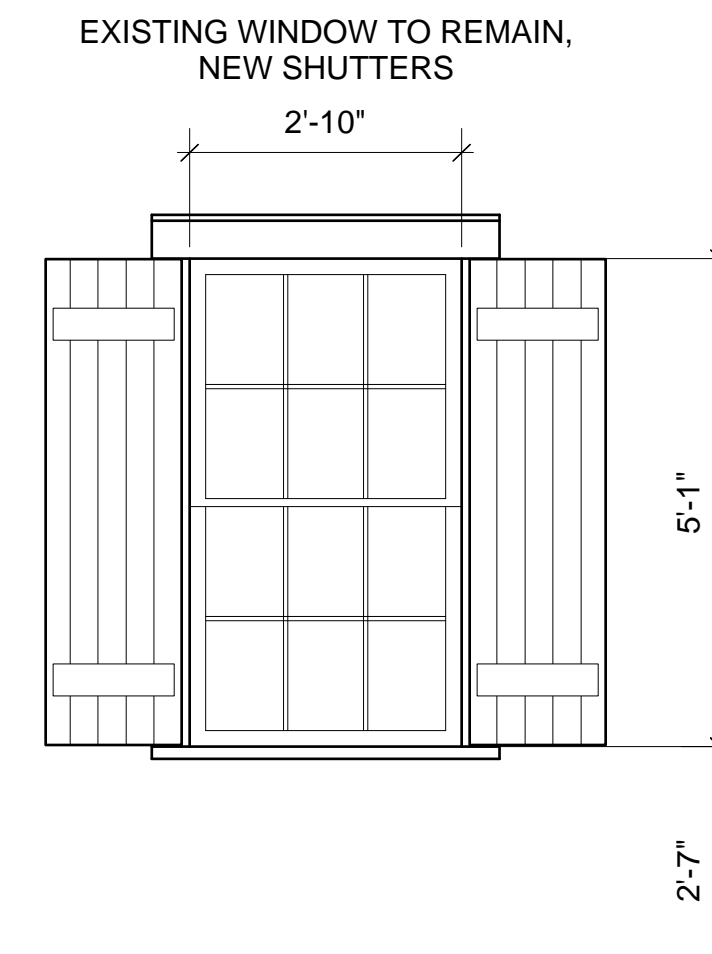
E-4 WINDOW TYPE E-4
Scale: 1/2" = 1'-0"



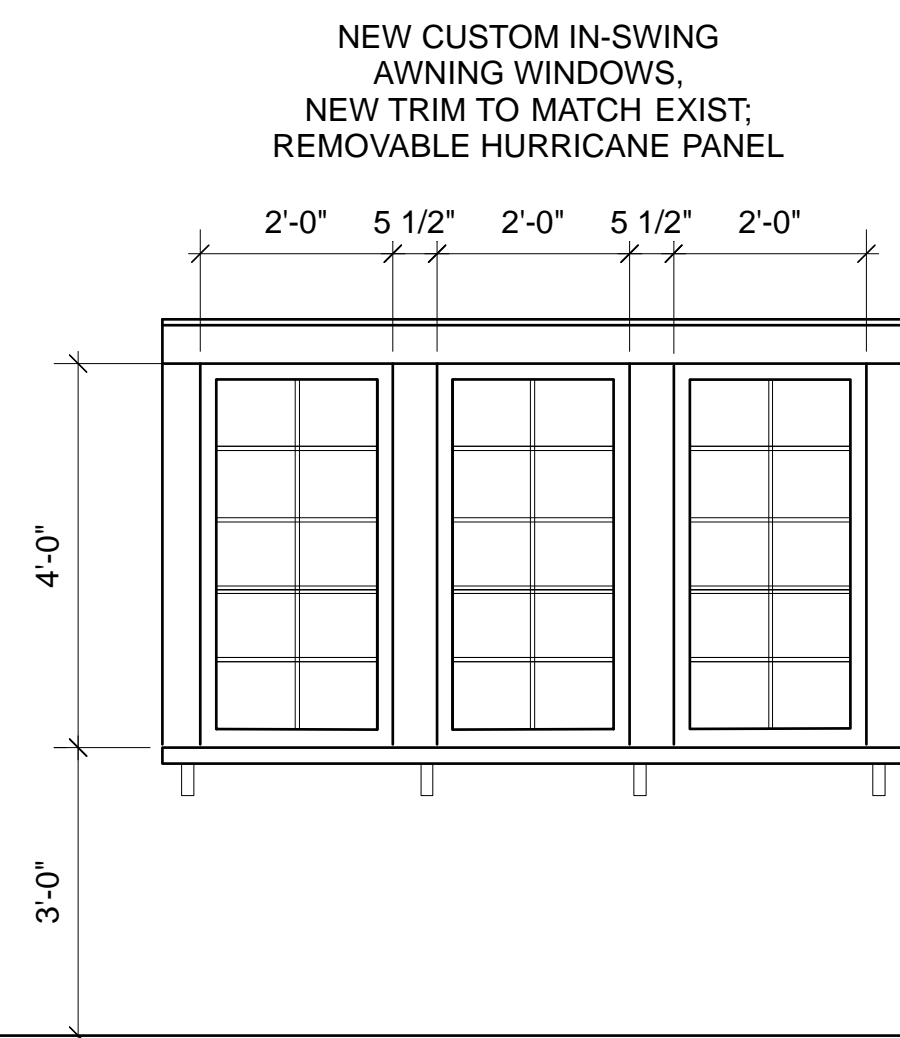
E-3 WINDOW TYPE E-3
Scale: 1/2" = 1'-0"



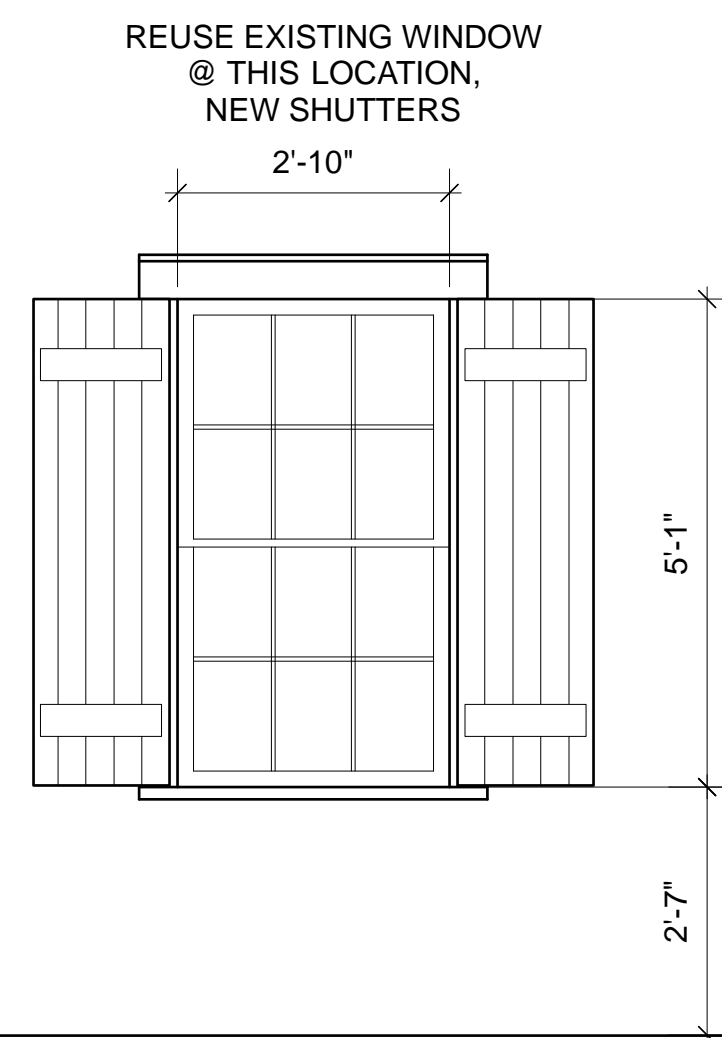
E-2 DOOR TYPE E-2
Scale: 1/2" = 1'-0"



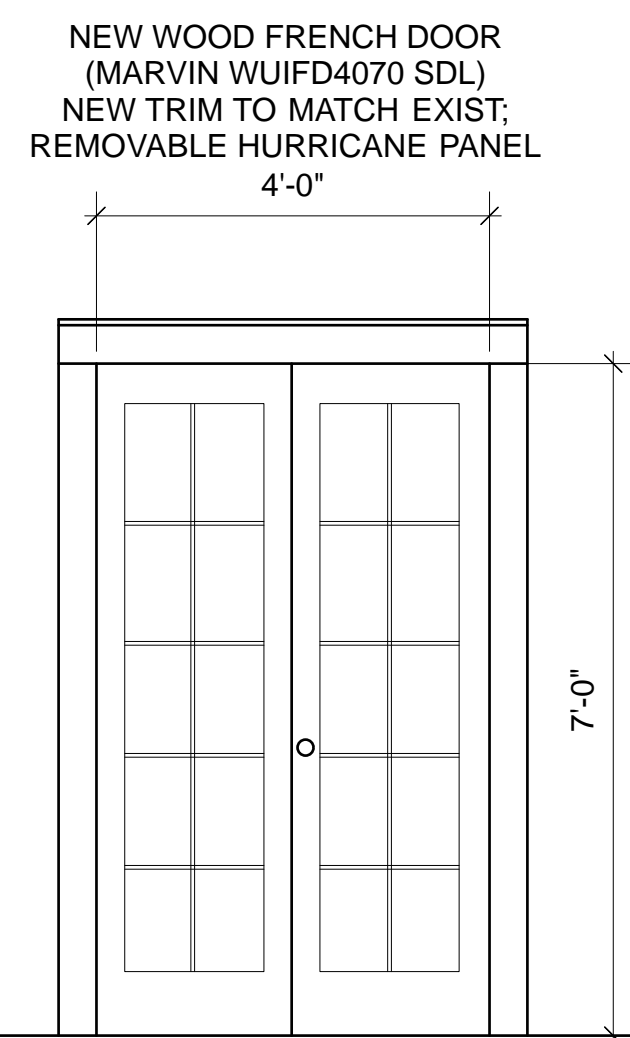
E-1 WINDOW TYPE E-1
Scale: 1/2" = 1'-0"



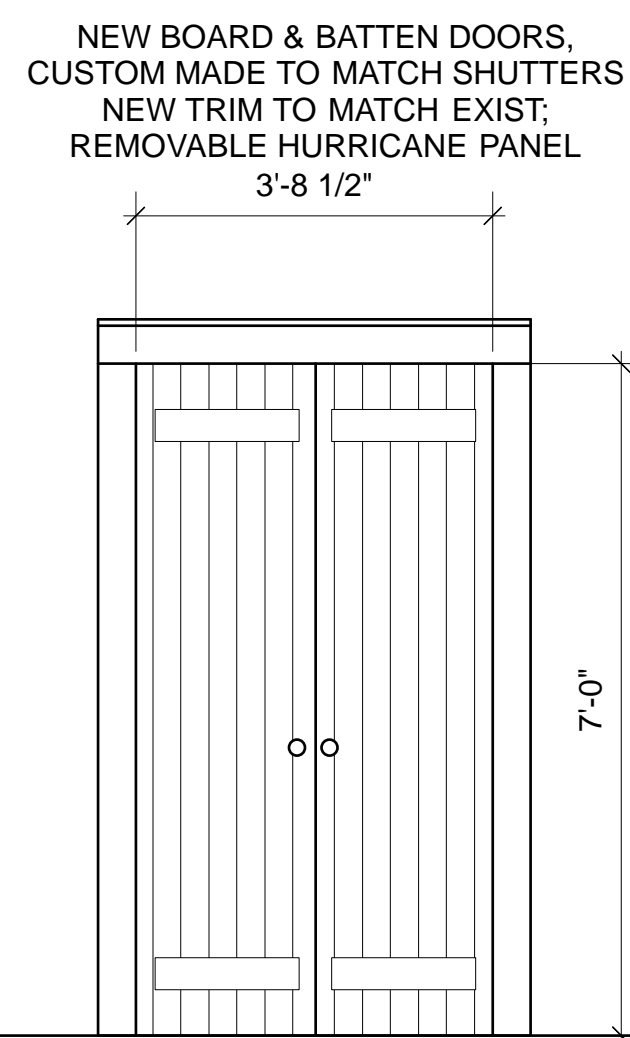
G DOOR TYPE G
Scale: 1/2" = 1'-0"



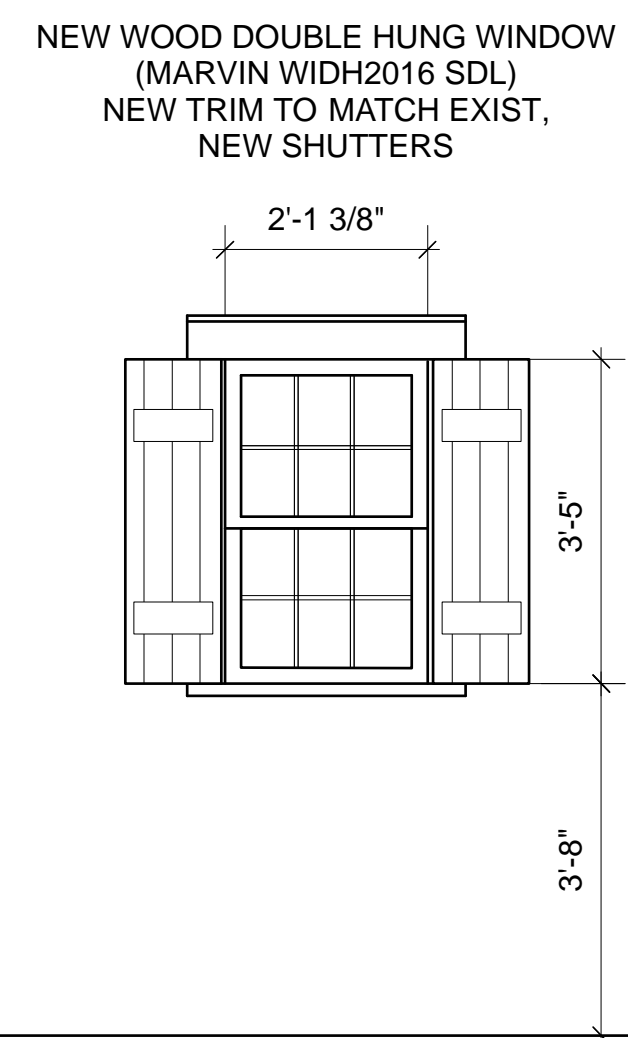
F DOOR TYPE F
Scale: 1/2" = 1'-0"



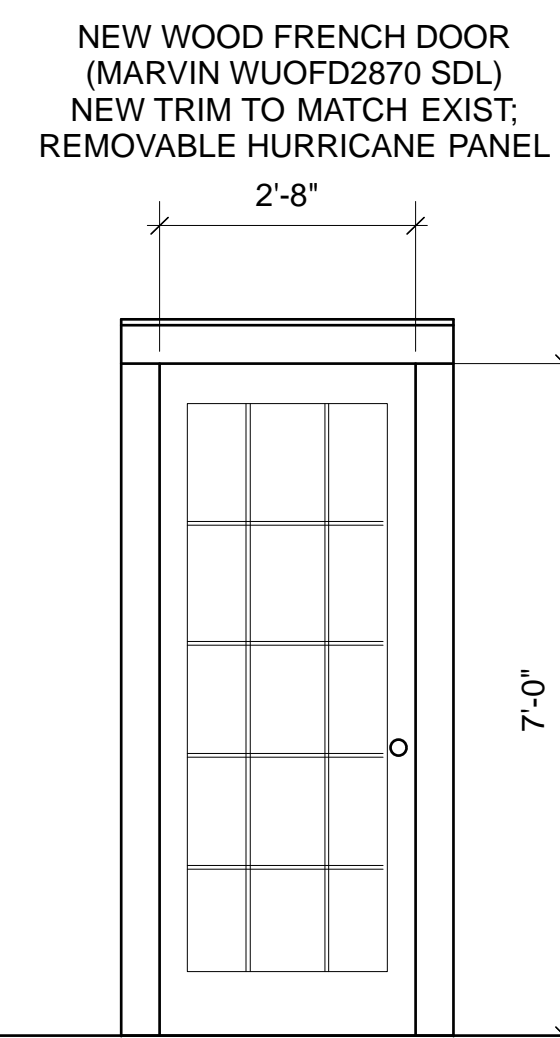
E WINDOW TYPE E
Scale: 1/2" = 1'-0"



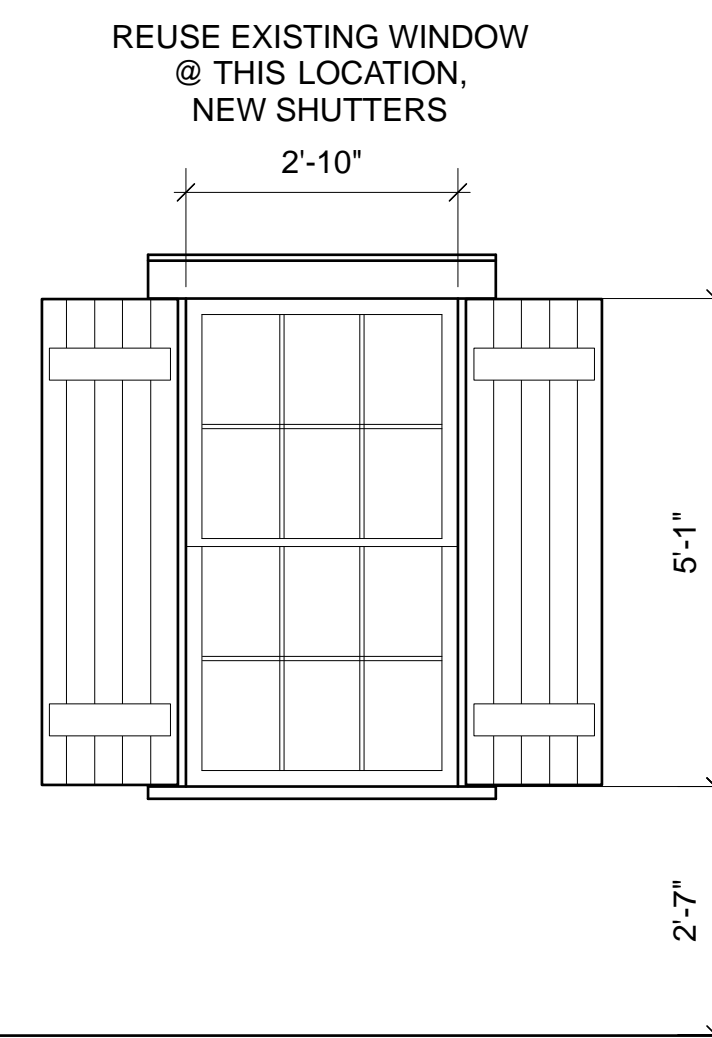
D WINDOW TYPE D
Scale: 1/2" = 1'-0"



C WINDOW TYPE C
Scale: 1/2" = 1'-0"

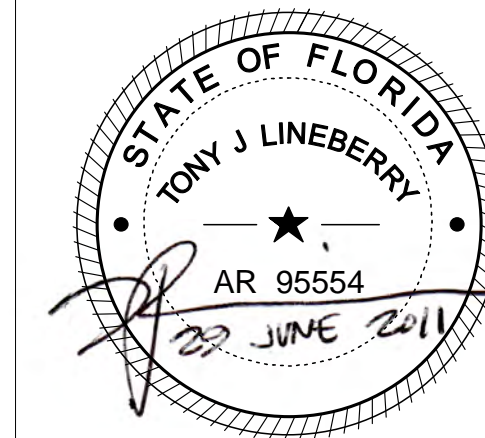


B DOOR TYPE B
Scale: 1/2" = 1'-0"



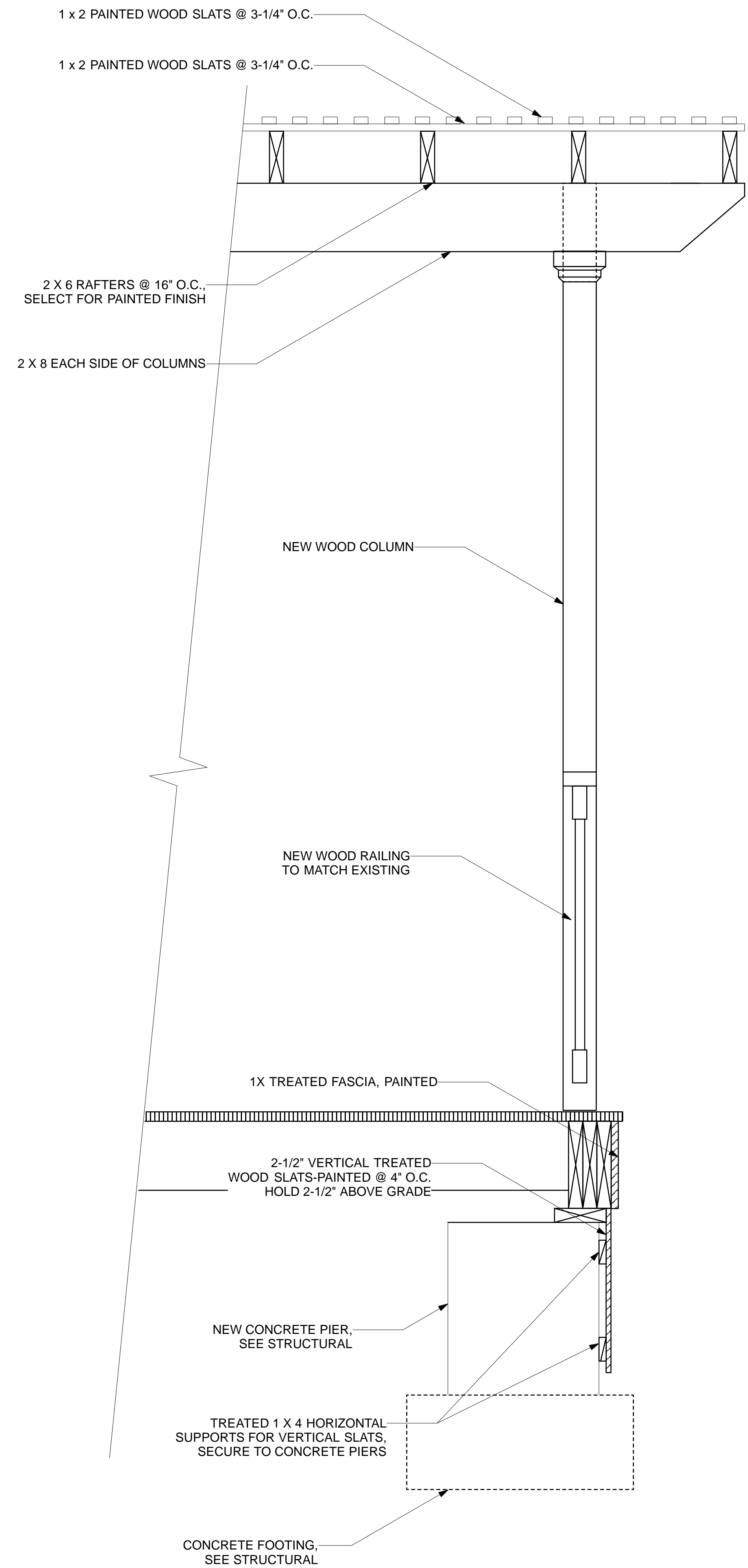
A WINDOW TYPE A
Scale: 1/2" = 1'-0"

RENOVATIONS & ADDITIONS TO:
MARIO RESIDENCE
618 GRINNELL STREET
KEY WEST, FLORIDA 33040

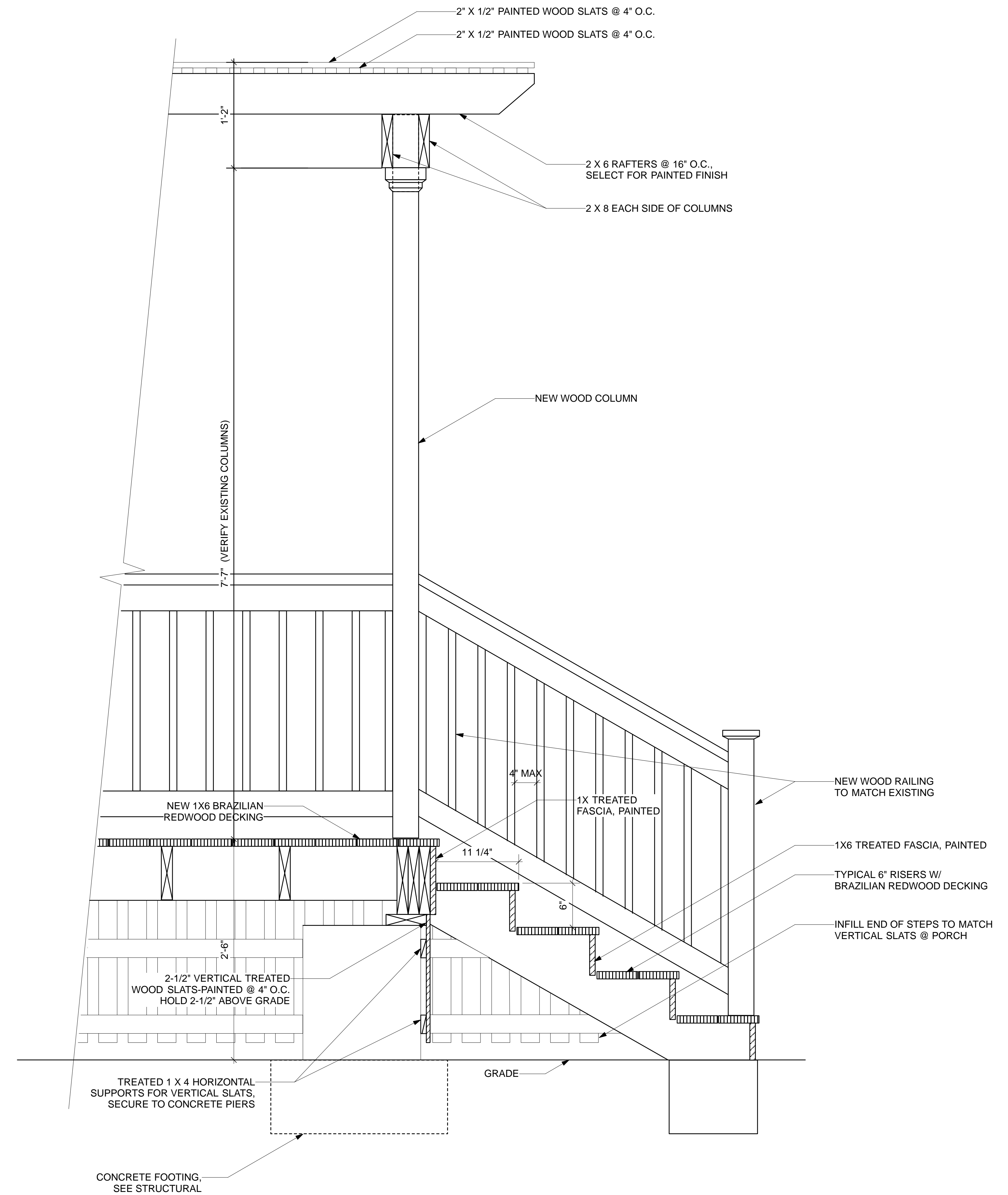


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Project Number: 1116
Drawn By: MJ
Date: 29 JUNE 2011

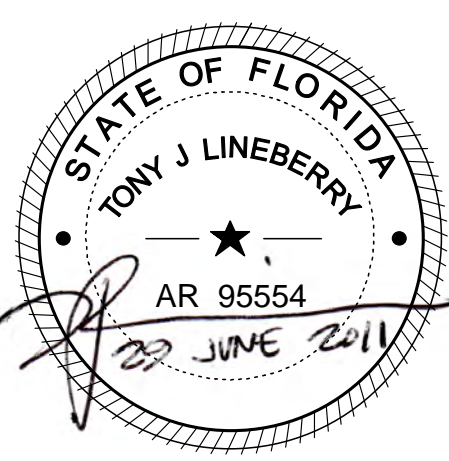


2 SECTION @ REAR DECK/PERGOLA
A-10 Scale: 1 1/2" = 1'-0"



1 SECTION @ REAR DECK STEPS/PERGOLA
A-10 Scale: 1 1/2" = 1'-0"

RENOVATIONS & ADDITIONS TO:
MARIO RESIDENCE
618 GRINNELL STREET
KEY WEST, FLORIDA 33040

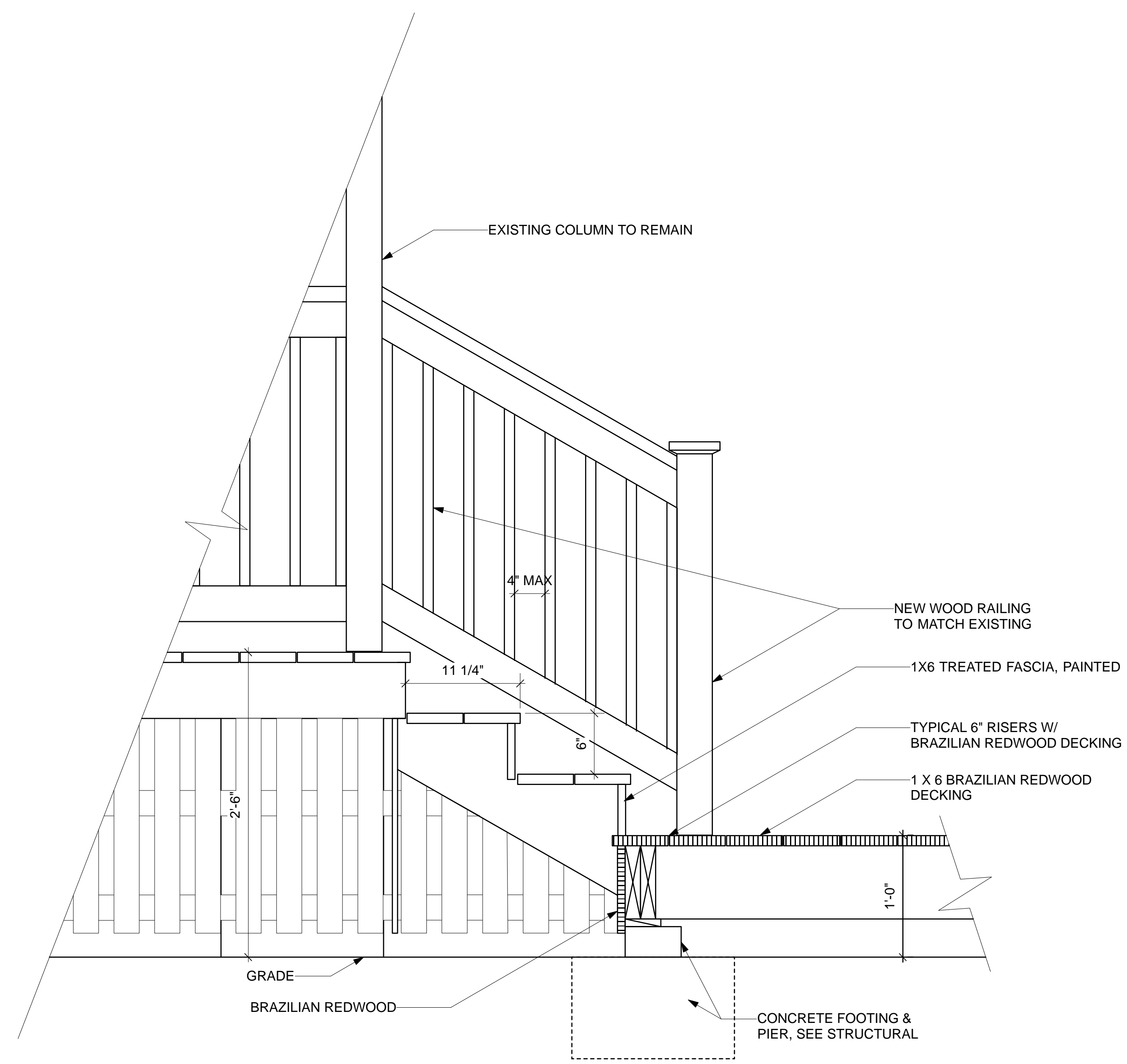
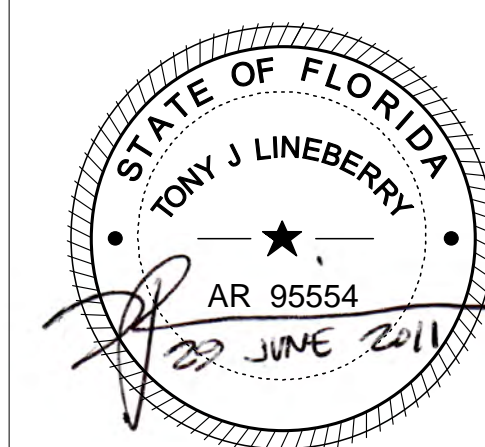


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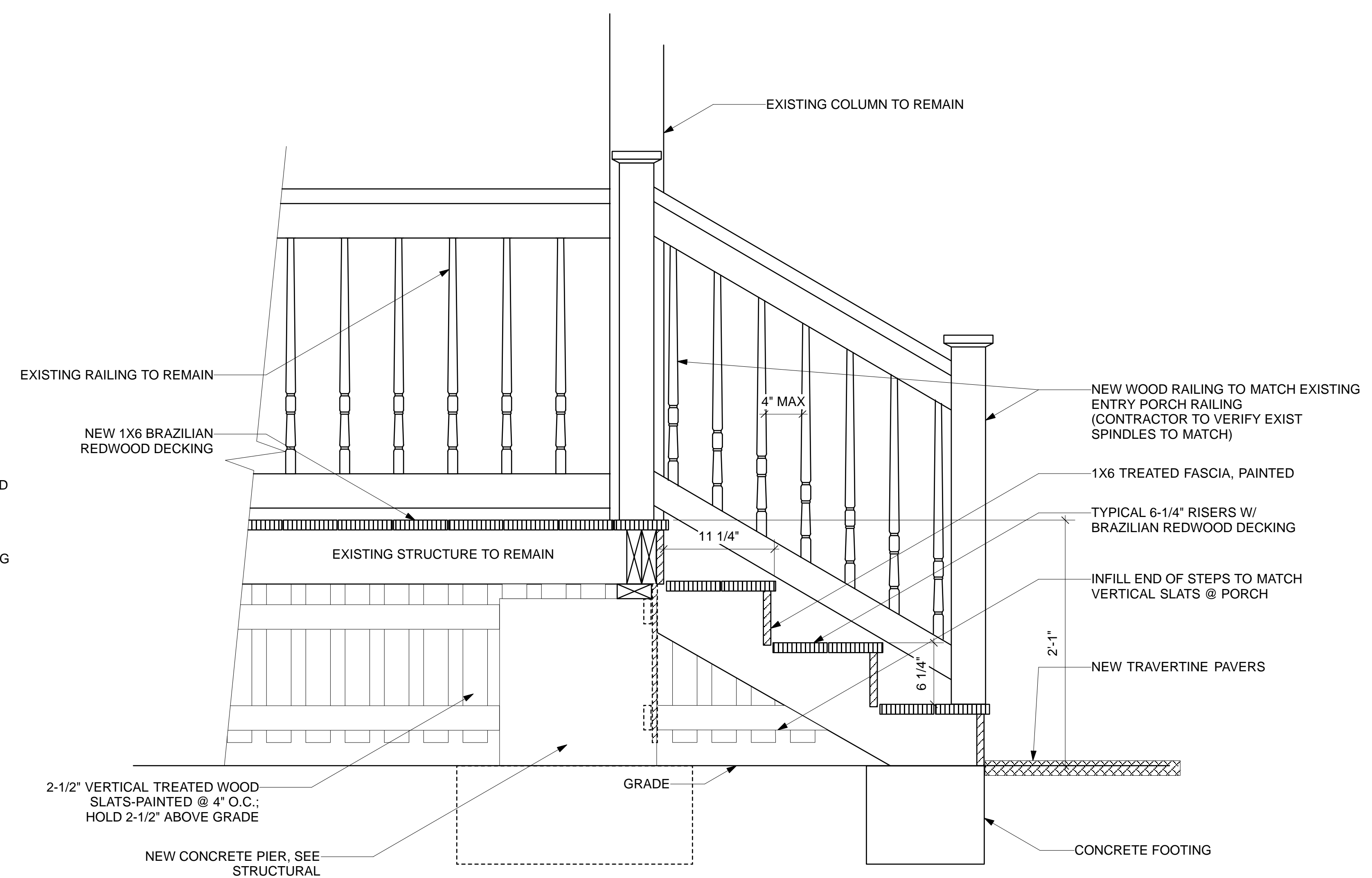
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Project Number: 1116
Drawn By: MJ
Date: 29 JUNE 2011

A-10
DETAILS



2 SECTION @ POOL DECK W STEPS BEYOND
 A-11 Scale: 1 1/2" = 1'-0"



1 SECTION @ ENTRY PORCH/STEPS
 A-11 Scale: 1 1/2" = 1'-0"

Miscellaneous Information



CITY OF KEY WEST

TREE PERMIT

Permit# 5707 Date Issued 04/12/11

Address 618 Grinnell Street

This is to certify that Chris Mario

has permission to Remove (1) Avocado, and (1) Bottlebrush tree located at rear of property, due to structural defects. Replace with 8.5 caliper inches of native canopy trees of choice, Fl #1 to be planted on site and planted in the six months from the approval date as described here in. All plants shall be planted according to current 'Best Management Practices'. Call Landscape office for tree replacement inspection.
All replacement trees shall be maintained as trees in perpetuity.

as per application approved 04/11/11

The person accepting this permit shall conform to the terms of the application on file in the office of the Tree Commission of Key West. All work shall conform to the requirements of the Code of Ordinances of the City of Key West, Chapter 110-Article VI. Tree Protection.

This Tree Permit is effective for 6 months from the date issued.

IMPORTANT NOTICE

This card must be posted in a location clearly visible from the street and in a protected covering.

APPROVED BY _____
Niels Weise, chair

(305)809-3764
City of Key West
Tree Commission
PO Box 1409
Key West, FL 33040

RECEIVED
MAR 14 2011
BY: GA



City of Key West Tree Commission

Tree Permit Application

PO Box 1409
Key West, FL 33040
Phone: 305-809-3764
Fax: 305-296-6152

Home/Property Owner: Chris Mario Date: 3/9/11

Mailing Address: PO Box 549, New Hope PA 18938

Owner Signature: Chris Mario Owner Ph#: 609 924 2408

Represented by: Daws Tropical Tree Service Rep. Ph#: () 296 7200

Represented by mailing address: # 4 Evergreen et.

Attendance at the Tree Commission meeting on the date when your request will be discussed is necessary in order to expedite the resolution of your application.

A letter of representation from the owner must accompany this application if the owner is unable to attend.

Letter of Representation (4)

Tree(s) Address: 618 Grinnell Cross/Corner Street: Southard

Common Name(s): Bottle brush & AVOCADO Scientific Name(s): _____

Species Type(s) (check all that apply): () Palm () Flowering () Fruit () Shade

Reason(s) for Application (check all that apply):

- REMOVE
- Tree Health
- Safety
- Other / Explain
- TRANSPLANT
- New Location
- Same Property
- Other / Explain
- HEAVY MAINTENANCE
- Branch Removal
- Crown Cleaning/Thinning
- Crown Reduction

Reason(s) for request:

wants to plant natives

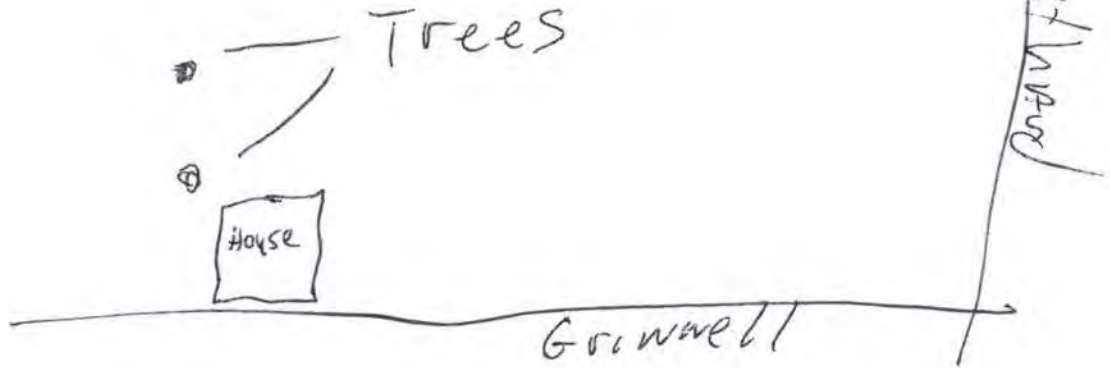
Replacement plant material must be Florida Grade #1. Replacement of a palm with a native palm is required. Replacement of a canopy tree with a native canopy tree is required. If you need assistance with replacements, please call the Landscape Department at 305-809-3764.

<<<< Sketch location of tree in this area including cross/corner Street >>>>

RECEIVED
MAR 14 2011
BY: SA

Provide access for viewing tree(s) prior to meeting
Identify tree(s) with colored tape

AGENDA ITEM #
6-F



Do not write under this line _____

Tree Species _____

Circumference _____ ÷ 3.14 =
diameter _____

Location _____ % Species _____ % Condition _____ % Total Average Value _____ %

Avg. value _____ X _____ Diameter = _____
Replacement Inches

LOCATION: OLD CITY HALL, 510 GREENE STREET, 5:00 p.m.

FOR TREE COMMISSION USE ONLY.

() TABLED () APPROVED () DENIED () FURTHER ACTION

COMMENTS:

CHAIRPERSONS SIGNATURE/DATE

City Engineer comments if required:

ENGINEER'S SIGNATURE/DATE



AUTHORIZATION LETTER

Chris Mario

(owner address)

PO Box 549

New Hope PA 18938

Dear Tree Commissioners:

This letter is authorization and confirmation that I, Chris Mario,
(owner name)

have retained TRANS TROPICAL Tree Service to represent me in the matter
(representative name)

obtaining a permit from the City of Key West for my property at 618 Grinnell
(address)

_____ . You may contact me at _____

009 924 2400

(telephone number)

. Thank you.

sincerely,

Chris Mario

(owner signature)

City of Key West Tree Commission
Public Works Facility
633 Palm Avenue
Key West, FL- 33040
Office: (305)-809-3764
Fax: (305)-296-6152



*file
Zannell*

THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3700

Chris Mario
PO Box 549
New Hope, PA 18938

March 29, 2011

Dear Mr. Mario,

Your request for tree commission ruling is being processed. The tree(s) on the application will be measured and evaluated for tree replacement caliper inches as per **Sec. 110-324** Key West City code. Key West City code **Sec. 110-330 Application of criteria**. The tree commission shall determine whether to approve each tree removal permit application by weighing its findings made pursuant to sections 110-327, and 110-328. Determinations of equivalency shall include evaluation of the species, age, condition, historical significance, dimension and setting of the tree.

This request will be considered at the **April 11, 2011**, Tree Commission Meeting, 5:00pm, Old City Hall, 510 Greene Street. Attendance or representation is required.

Agenda item #

Tree Address

7

618 Grinnell Street

Tree Species: **(1) Bottlebrush (DBH) 7.6"**
Location 25% side rear yard SW, seen from alley, low hanging over rear entry way
Species 50% Non-Native, Permit Required, Sec. 110-253.
Condition 35% poor leaning NW, almost at 75'
Avg. value 37%
Avg. value .37 x Diameter (DBH) 7.6" = **2.8 Caliper Replacement Inches**

Tree Species: **(1) Avocado (DBH) 11.4"**
Location 25% rear yard SW, seen from alley and immediately adjacent to home
Species 100% Non-Native, Specially Protected Trees, Sec. 110-253.
Condition 25% poor, insect infestation, leaning W, all fruit blasting, decay at 10', ripaway at 5' into upper canopy
Avg. value 50%
Avg. value .50 x Diameter (DBH) 11.4" = **5.7 Caliper Replacement Inches**

Total Caliper Replacement Inches = 8.5"



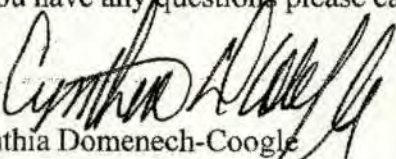
THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3700

Tree replacements shall be planted in area of choice within the property line of tree address or inquire regarding monetary donation to replace trees on public rights-of-ways or parks.

Tree Commission will make final determination. The values charged may be different than what is expressed here in the preliminary worksheet.

If you have any questions please call our office at (305) 809-3768 or 809-3764.


Cynthia Domenech-Coogle
Urban Forestry Program Manager
City of Key West

C.c. Dan's Tropical Tree Service, #4 Evergreen Ct., Key West, FL 33040

MARIO RESIDENCE, 618 GRINNELL STREET, KEY WEST FLORIDA
SPECIFICATIONS:

BRAZILIAN REDWOOD DECKING:

MANUFACTURER: BRAZILIAN WOOD DEPOT; SECURE W/ COUNTER SUNK
STAINLESS STEEL SCREWS; NO FINISH REQ'D, WILL LET THE WOOD NATURALLY WEATHER

ROOFING:

TO BE INSTALLED BY DAN-ACE ROOFING, INC.
SEE ATTACHED SPECIFICATIONS

GUTTERS/DOWNSPOUTS:

MANUFACTURER: GUTTERSUPPLY
GUTTERS: 5" HALF ROUND 26 GAUGE GALVANIZED STEEL;
SECURE W/ HALF ROUND GLAVANIZED STEEL HANGERS
DOWNSPOUTS: 3" ROUND CORRUGATED 26 GAUGE GALVANIZED STEEL

TRAVERTINE PAVERS:

MANUFACTURER: TRAVERTINE MART; 6" X 12" CHISELED TRAVERTINE PAVER,
COLOR: IVORY; INSTALL IN HERRINGBONE PATTERN

BOARD & BATTEN SHUTTERS:

MANUFACTURER: ATLANTIC PREMIUM SHUTTERS; CLASSIC COLLECTION-BOARD & BATTEN
HURRICANE STORM-RATED SHUTTERS W/ "U" LOCKING STORM BAR SYSTEM & STORM HARDWARE
COLOR: ROOKWOOD SHUTTER GREEN 654

HURRICANE SHUTTERS:

REMOVABLE CLEAR LEXAN STORM PANELS MOUNTED W/ REMOVABLE FASTENERS

PAINT:

SHERWIN WILLIAMS DURATION EXTERIOR ACRYLIC LATEX PAINT
COLORS: EXTRA WHITE SW7006 (TRIM & FENCES), VANILLIN SW 6371 (SIDING), ROOKWOOD SHUTTER
GREEN SW2809 (SHUTTERS & VERTICAL SLATS), SPA SW6765 (PORCH CEILINGS)

STAIN:

SHERWIN WILLIAMS WOODSCAPES EXTERIOR POLYURETHANE SEMI-TRANSPARENT HOUSE STAIN
COLOR: CUSTOM MATCH BRAZILIAN REDWOOD

DOORS:

MARVIN WOOD ULTIMATE IN-SWINGING FRENCH DOORS W/ SIMULATED DIVIDED LITES;
STORM PLUS LAMINATED GLASS FOR IMPACT ZONE 3

WINDOWS:

MARVIN WOOD ULTIMATE DOUBLE HUNG WINDOWS W/ SIMULATED DIVIDED LITES;
STORM PLUS LAMINATED GLASS FOR IMPACT ZONE 3

EXTERIOR LIGHTING:

WALL MOUNT FIXTURE: MANUFACTURER: HINKLEY LIGHTING; 2206SZ CAPE COD;
SIENNA BRONZE FINISH W/ CLEAR SEEDY GLASS
CEILING MOUNT FIXTURE: MANUFACTURER: HINKLEY LIGHTING; 2203SZ CAPE COD;
SIENNA BROZE FINISH W/ CLEAR SEEDY GLASS

NOTE: SAMPLES/PHOTOS & LITERATURE OF ALL OF THE ABOVE ARE ATTACHED.

Why choose Brazilian hardwood decking?

Brazilian hardwood decking is **real wood** that provides **unsurpassed durability and beauty**.

Brazilian hardwood decking is **naturally resistant to rot and decay**. No pressure-treating with protective chemicals is required. Conventional pressure-treated lumber requires annual maintenance to retain its termite protection and resistance to rot and decay. Because it is naturally resistant, Brazilian hardwood decking remains maintenance-free.*

Tongue & groove decking, recommended only for covered porches, requires no finishing and will last a lifetime. Like standard decking, boards must not be jammed too tightly together. Water is allowed to fall through between boards. You must provide for drainage and ventilation.



Photo courtesy of Outbackdesigngroup.com

You must pre-drill screw holes when using stainless steel screws and the Smart-Bit drill bit with counter sink yields the best results.

Finishing is not required on Brazilian decking. Like all woods, these hardwoods will weather to a silvery gray. If you desire, you can greatly reduce the graying by applying a good oil.

Joist spans need to be 16" for 3/4" decking.

Lengths up to 18' are available for most standard decking. Varied lengths are most often preferred for tongue & groove decking – specific lengths are limited to availability. Ask your sales person for quotes.

Widths 5 1/2" for standard decking are stocked while 3" is preferred for tongue & groove porch decking.

* No maintenance is required for rot and decay protection. Color retention is not guaranteed and may require periodic treatment.

Look for the **Realwood** tag to be sure that you're buying **PREMIUM** genuine Brazilian decking.

RealIpe™

Real Wood. A Recyclable, Renewable Resource - www.RealWood.org

These tags ensure that you are buying the species providing the most beautiful and the most rot and insect resistant decking **IN THE WORLD**.



Photo Courtesy of Craftmanship by Dockwright

For more information visit:

www.RealWood.org

www.HEADCOTE.com

www.BWDepot.com

www.Smart-Bit.com



Eased Ends match Eased Edges™
for a more professional look.

Go Natural™

with Brazilian Hardwood Decking & Siding from



Real wood • Unsurpassed durability & beauty • Naturally resistant to rot & decay • Maintenance-free*

[Home](#) | [Decking](#) | [Siding](#) | [Accessories](#) | [Installation](#) | [Gallery](#) | [Documents](#) | [Company/Contact](#)

Links and Information

Call Brazilian Wood Depot
770-242-0045
for Current Market Pricing

CLICK HERE FOR
CUTTING EDGE
Design &
Installation Tips

Our most recent, in-depth information on installation, design and care. Read More.

Glossary of Terms

An informed buyer is a smart buyer.



Proud sponsor and supporter of
Sustainability and Responsible Forestry
www.RealWood.Org

More Links:

Railing Sections:
www.FortressIron.com

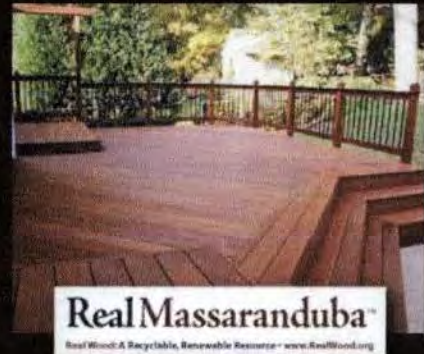
Headcote Screws &
Pro Plug System
StarbornIndustries.com

Our favorite finish:
www.Messmers.com

Massaranduba / Brazilian Redwood:

Manilkara bidentata

Massaranduba hard wood – RealMassaranduba – decking lumber is resistant to insect attack and decay. It is one of the densest woods on the planet and is VERY durable. Massaranduba hard wood – RealMassaranduba - grows in many areas of South America and is easily sustainable. The Massaranduba – RealMassaranduba - tree is large, attaining heights of 100 to 150 feet, with diameters of 24 - 48 inches, sometimes reaching 60 feet. Massaranduba – RealMassaranduba - trees are usually swollen at the base, and boles are often straight and clear to about 60 feet.



Other Names and Species:

Acana, Balata, Beefwood, Bolletri, Bulletwood, Chicozapota, Macaranduba, Maparajuba, Paraju, Quinilla, Red balata.

Origin:

Central and South America

Appearance:

The color varies from a dull plum red to a light brown, the grain is primarily straight and not pronounced, and the texture is fine and uniform.

Drying and Shrinkage:

Kiln drying is necessary to equalize the moisture content before installation. It is naturally seasoned and kiln dried to prevent shrinkage.

Janka Hardness:

2890 For comparison, the Janka of Red Oak 1260

Workability:

Massaranduba – RealMassaranduba - decking lumber planes to a smooth surface. It nails and screws well; pre-boring is necessary. Because of the straight consistent grain and lack of knots, building with properly kiln dried Massaranduba hard wood is a rewarding task.



An overview of Rain Forest
Preservation Standards
www.RealWood.Org

Guidelines for ensuring
product quality and origin
www.RealWoodDepot.com

Preservation:

Massaranduba – RealMassaranduba - naturally weathers to a beautiful, silver-gray. To maintain the original dark plum / brown tone, Messmer's deck oil with UV inhibitor works best. Application of sealers is optional.

Principal Uses:

Massaranduba – RealMassaranduba - hard wood is seen frequently in billiard cues, flooring, stair treads, and decking.

Sustainable

Like all of the lumber supplied by Brazilian Wood Depot, RealMassaranduba meets high standards for social, economic and environmental responsibility. See RealWood.Org for more information about how purchasing this hardwood lumber fuels the economic value and preservation of the South American forests.

Deck Installation:

Joists and support beams - Pressure treated (PT) pine lumber is most often used for joists, beams and posts underneath Massaranduba hard wood decking because it is cheap and is protected from weather by the Massaranduba decking. This protection extends the expected life of the support lumber dramatically.

Fasteners - After choosing the hard wood decking species that you prefer, you need to decide on using screws through the face of the board or a type of hidden fastener that conceals the screws. The hidden fasteners cost a little more but many feel that spending a little extra for the beauty of hidden fasteners is a good investment since the deck will last a lifetime.

Ventilation - When planning the layout of your deck, be sure that you allow for ventilation under your deck boards. This will ensure the long life and extended beauty of your deck.

Railings - There are many choices to make when designing your railings and balusters (vertical pickets). Vertical balusters are more desirable than horizontal balusters (like cable) because of safety and ease of installation. Horizontal balusters enable children to scale the railing and require precise tautness to prevent children from squeezing between them. BW Depot stocks wood balusters that match the decking and last a lifetime unlike PT or cedar balusters. Aluminum and galvanized steel balusters are beautiful cost effective choices and can be mounted with matching hard wood rails, posts and handrail. Galvanized steel railing baluster sections are much easier to install, much stronger and possibly the most cost effective option. The Fortress Iron provides these steel railing sections at a fraction of the cost of having them custom made. Matching hard wood handrails and posts go well with any railing choice.

For more information on deck building tips, visit our [Installation Page](#).

For design tips visit our [Cutting Edge Tips Blog](#).

For information on fasteners, railings and finishes visit the [Accessories Page](#).

Shipping and Delivery

Massaranduba (Brazilian red wood), is very heavy hard wood decking lumber. Shipping this lumber requires special attention to engineer every crate according to the specifications of the shipment so that the hard wood lumber arrives in excellent condition. Receiving damaged lumber is inconvenient, costly and will delay completion of your deck project. Brazilian Wood Depot takes special care to properly crate shipments of Massaranduba hard wood lumber decking to ensure delivery of your lumber in excellent condition.

Brazilian Wood Depot is ideally located to receive hard wood lumber shipments through the most cost effective ports when shipping from Brazil. In Georgia, we also enjoy some of the lowest overhead costs in the nation and "right to work" wages. In addition, our lumber crating prevents against damage to the Massaranduba hard wood shipments. No damage, no damage claims and our large number of shipments earns us the best shipping rates available. All of these cost saving factors enable Brazilian Wood Depot to ship hard wood lumber decking everywhere in the United States from our own stock in Georgia at the best prices. Our sales continue to expand with consumers' growing awareness of the attributes of our naturally beautiful hard wood decking material. Call us for current prices.

The quality of grade and milling is just as important to supplying the highest grade of hard wood decking lumber as careful crating and shipping. Brazilian Wood Depot sells all of its lumber under the RealWood brand. RealMassaranduba, RealCumaru, RealJatoba, RealMassaranduba, RealGarapa

DAN-ACE ROOFING INC.
571 PARK DRIVE
KEY WEST, FLORIDA
33040

SEPTEMBER 11, 2008



CERTIFICATE OF COMPETENCY
STATE OF FLORIDA
RC 0034111

PHONE (305) 294-2380
FAX LINE (305)-294-8420
LICENSED AND INSURED

CERTIFICATE OF COMPETENCY
MONROE COUNTY
RC 492

THIS IS A BID PROPOSAL FOR CHRIS MARIO-ATTN KEVIN MCCHESENEY
JOB ADDRESS: 618 GRINNELL STREET, KEY WEST, FLORIDA, MONROE COUNTY

TO REAR HOUSE PITCHED AREA: DAN-ACE ROOFING PROPOSES TO REMOVE AND REPLACE THE EXISTING ROOFING SYSTEM. WE WILL REPLACE UP TO 100 SQ FT OF ROTTED ROOF SHEATHING FOUND. WE WILL INSTALL 1 PLY OF TITANIUM-UDL SYNTHETIC ROOFING UNDERLAYMENT NAILED AND TIN TAGGED DOWN TO CITY CODE. WE WILL INSTALL A 26 GAUGE GALVALUME METAL EAVES DRIP TO THE PERIMETERS, NAILED DOWN. WE WILL INSTALL ALL FLASHING AS NECESSARY AS SPECIFIED BY CODE. WE WILL INSTALL A 26 GAUGE GALVALUME V-CRIMP ROOFING SYSTEM SCREWED DOWN USING SILVER SENTRON SCREWS AS FASTENERS. A 26 GAUGE GALVALUME METAL RIDGE CAP WILL BE INSTALLED SCREWED DOWN USING SILVER SENTRON SCREWS AS FASTENERS.

TO REAR HOUSE FLAT AREA: DAN-ACE ROOFING PROPOSES TO ROOF OVER THE EXISTING ROOFING SYSTEM. WE WILL CHANGE ANY ROTTEN WOOD THAT WE FIND. WE WILL INSTALL 1-PLY OF "GLASS BASE" NAILED DOWN TO CITY CODE. WE WILL INSTALL A 26 GAUGE GALVALUME METAL EAVES DRIP TO THE PERIMETERS, NAILED DOWN. WE WILL INSTALL FLASHING AS NECESSARY. LAST, WE WILL INSTALL A MAINTENANCE-FREE MODIFIED RUBBER ROOFING SYSTEM.

TO THE SMALL PITCHED AREA LEFT SIDE: DAN-ACE ROOFING, INC PROPOSES TO ROOF OVER THE EXISTING ROOFING SYSTEM AND INSTALL 1 PLY OF TITANIUM-UDL SYNTHETIC ROOFING UNDERLAYMENT NAILED AND TIN TAGGED DOWN TO CITY CODE. WE WILL INSTALL A 26 GAUGE GALVALUME METAL EAVES DRIP TO THE PERIMETERS, NAILED DOWN. WE WILL INSTALL ALL FLASHING AS NECESSARY AS SPECIFIED BY CODE. WE WILL INSTALL A 26 GAUGE GALVALUME V-CRIMP ROOFING SYSTEM SCREWED DOWN USING SILVER SENTRON SCREWS AS FASTENERS. A 26 GAUGE GALVALUME METAL RIDGE CAP WILL BE INSTALLED SCREWED DOWN USING SILVER SENTRON SCREWS AS FASTENERS.

WE WILL SUPPLY THE NECESSARY PERMIT, AND EACH STAGE OF OUR WORK WILL BE IN COMPLIANCE WITH CITY CODE. WE WILL CLEAN THE GROUNDS OF ANY FALLEN ROOF DEBRIS AND WHEN OUR WORK IS COMPLETED WE WILL HAUL IT AWAY AND PROPERLY DISPOSE OF IT. WE WILL NEED ACCESS TO AN ELECTRICAL OUTLET, AND A DAYTIME PHONE NUMBER. DAN-ACE ROOFING GUARANTEES THE CRAFTSMANSHIP OF OUR NEW WORK FOR FIVE YEARS.

PLEASE READ, SIGN, AND RETURN THIS BID PROPOSAL. WHEN THIS PROPOSAL IS SIGNED BY BOTH PARTIES (OR THEIR AGENTS), IT SHALL BECOME A LEGAL CONTRACT. BY SIGNING, YOU AGREE WITH THE TERMS OUTLINED ABOVE AND BELOW. ALL WORK UNDER CONTRACT WITH DAN-ACE ROOFING INC. IS TO BE SECURED WITH A DEPOSIT AND THE SIGNED CONTRACT MUST BE RETURNED BEFORE WE CAN APPLY FOR THE BUILDING PERMIT OR ORDER ANY MATERIALS. THE BALANCE IS TO BE PAID IN FULL UPON COMPLETION OF OUR WORK.

OUR PAYMENT POLICY STATES, THE BALANCE DUE IS TO BE PAID ON COMPLETION OF OUR WORK. IF YOUR CLIENT OR YOU THE HOMEOWNER IS LIVING OUTSIDE THE CITY OF KEY WEST, WE ASK THAT YOU HAVE A CHECK FORWARDED TO SOMEONE IN THE AREA THAT CAN REPRESENTS HIM/HER OR YOU THE HOME OWNER, SO THAT WHEN OUR WORK IS COMPLETED, THEY CAN INSPECT THE JOB AND ISSUE A CHECK WITHOUT DELAY.

THE SIZE NAILS WE ARE REQUIRED TO USE WILL COME THROUGH. IF YOU HAVE EXPOSED CEILINGS PLEASE NOTIFY US AT ONCE.
1/2" PLYWOOD CAN BE INSTALLED BY A GENERAL CONTRACTOR AT AN ADDITIONAL COST TO YOU. WE WILL NOT BE HELD RESPONSIBLE FOR DAMAGES IF NOT NOTIFIED. IF AT ANYTIME SPACED SHEATHING IS FOUND OR SIDING NEEDS TO BE REMOVED, A GENERAL CONTRACTOR OF YOUR CHOICE MUST BE CONTACTED TO INSTALL 1/2 INCH CDX PLYWOOD OVER THE SPACED SHEATHING AND OR CUT, REMOVE OR REPLACE SIDING AT AN ADDITIONAL COST TO YOU.

DUE TO THE NATURE OF OUR WORK HOMEOWNERS, TENANTS, OR AGENTS, MUST ASSUME THE RESPONSIBILITY OF REMOVING VEHICLES, SCREENS, OR AWNINGS, CABLE, TELEPHONE LINES ETC., COVER POOLS, PONDS, SHRUBS, WALK WAYS, DECKING OR ALL OTHER OBJECTS THAT MAY BE DAMAGED DURING THE REMOVAL OR REPLACEMENT, PATCHING OR PAINTING OF THE ROOFING SYSTEM. IF HOT ASPHALT DRIPS ON TO THE WALLS OR STUCCO, WALKWAY, DECKING, SHRUBS, LAWN ETC., WE WILL REMOVE THE TAR TO THE BEST OF OUR ABILITY. IT WILL BE YOUR RESPONSIBILITY TO TOUCH UP, REPAINT OR REPLACE AT YOUR OWN COST. WE WILL NOT BE HELD RESPONSIBLE FOR CRACKS TO DRIVEWAYS, CURBS, OR DAMAGE TO TREES. IF YOU HAVE ROTTED ROOF SHEATHING, WE WILL BE AS CAREFUL AS POSSIBLE, NOT TO FALL THROUGH. SHOULD THIS HAPPEN, ANY DAMAGE THAT MAY OCCUR BEYOND THE EXTERIOR ROOF, WILL NOT BE THE RESPONSIBILITY OF DAN-ACE ROOFING INC., TO REPAIR OR REPLACE. EXAMPLE: DAMAGE TO THE RAFTERS, CEILING, PLASTER OR PAINT, FANS, LIGHT FIXTURES, DUST OR DEBRIS FILTERING THROUGH, ETC.

DUE TO THE RAPID CHANGES IN THE COST OF MATERIALS AND OUR SUPPLIERS' POLICIES, THIS PROPOSAL COULD BECOME VOID IF NOT SIGNED WITHIN 14 DAYS OF ITS DATE.

TOTAL \$6,500.00
DEPOSIT \$3,250.00
BALANCE \$3,250.00

IF THE UNDERSIGNED, DO SOLEMNLY SWEAR I AM MENTALLY AND PHYSICALLY COMPETENT, AT THE TIME OF SIGNING THIS LEGAL DOCUMENT.

MR. _____
MRS. _____ DAYTIME PHONE _____
OWNERS OR AGENT SIGNATURE DATE SIGNED _____
(PLEASE SIGN DATE AND RETURN ONE COPY.)

Daniel Acevedo
DANIEL ACEVEDO
OWNER/PRESIDENT DAN-ACE ROOFING INC.

► SHOP BY MATERIAL

- Aluminum
- Copper
- Copper Penny Aluminum
- CopperPlus
- Euro Copper
- Galvalume
- Galvanized Steel

- Galvanized Steel Gutters
- Galvanized Steel Downspouts
- Galvanized Steel Elbows
- Galvanized Steel Miters
- Galvanized Steel End Caps
- Galvanized Steel Screens/Strainers
- Galvanized Steel Conductor Heads
- Galvanized Steel Hangers
- Galvanized Steel Outlets
- Galvanized Steel Fasteners
- Galvanized Steel Shanks
- Galvanized Steel Downspout Hooks
- Galvanized Steel Drives/Rack & Key
- Galvanized Steel Downspout Pipe Band
- Galvanized Steel Offsets
- Galvanized Steel Flashing
- Galvanized Steel Sheets

- Designer Copper Aluminum
- Lead Coated Copper
- Freedom Gray Copper
- Paint Grip Steel
- Preweathered Zinc
- Vinyl Gutter Systems

► PRODUCTS ON SALE

- Game Changer Sale**
- Cond. Heads,Gutter Guards,Rainchains
- Gutter Machines**
- Starting @ \$4299

► SHOP BY MATERIAL LIST

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► BUY MORE, SAVE MORE!

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► SHOP BY PRODUCT LINE

- Gutter Guards**
- Gutters
- Downspouts
- Gutter Machines**
- Rain Chains - **Spring Sale 25% Off**
- Snow Guards
- Rain Barrels
- Leader Heads
- Half Round Gutter Products
- K Style Gutter Products
- Coil & Sheet Goods
- Ornamental Products
- Van Mark Brakes
- Weather vanes
- Fasteners
- Finials/Spire
- Gutter Accessories
- Gutter Screens & Gutter



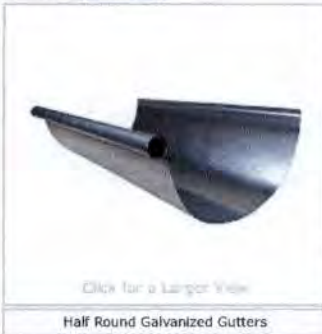
GUTTER SUPPLY PRODUCT CATALOG

Product Catalog -> Galvanized Steel -> Galvanized Steel Gutters



Half Round Galvanized Gutters

Image 1 Image 2



Half Round Galvanized gutters have been around for decades because of their strength and corrosion resistance. Heavy gauge steel hot dipped with zinc gives the gutter both added strength and superior resistance to the elements.

Available in 5", 6", 7", and 8".

Call for custom sizes, profiles, and thicknesses.

[Click for a Larger View](#)

Half Round Galvanized Gutters

Products In This Category:

Product Code	Description	Material	Retail Price	Qty.
GAH105XG26X	5 Half Round Gutter - 10 ft	Galvanized 26 GA	\$21.00 / 10FT	1 Add To Cart
GAH205XG26X	5 Half Round Gutter - 20 ft	Galvanized 26 GA	\$42.00 / 20FT	1 Add To Cart
GAH106XG26X	6 Half Round Gutter - 10 ft	Galvanized 26 GA	\$28.50 / 10FT	1 Add To Cart
GAH206XG26X	6 Half Round Gutter - 20 ft	Galvanized 26 GA	\$57.00 / 20FT	1 Add To Cart
GAH107XG26X	7 Half Round Gutter - 10 ft	Galvanized 26 GA	\$78.00 / 10FT	1 Add To Cart
GAH108XG26X	8 Half Round Gutter - 10 ft	Galvanized 26 GA	\$84.25 / 10FT	1 Add To Cart

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[Shopping Cart](#)

May We Also Recommend:



Galvanized Steel Gutters

Galvanized gutters are stronger and more durable than aluminum...



Galvanized Steel Downspouts

We carry an assortment of galvanized downspouts in various...



Galvanized Steel Elbows

Galvanized Elbows are fittings that attach to the...



Galvanized Steel Miters

These galvanized miters are used to connect two lengths of...



Galvanized Steel End Caps

The end cap is the fitting that closes off the end of the...



Galvanized Steel Screens/Strainers

We've done the research, so you don't have to! We have the...

▶ SHOP BY MATERIAL

- Aluminum
- Copper
- Copper Penny Aluminum
- CopperPlus
- Euro Copper
- Galvalume
- Galvanized Steel

- Galvanized Steel Gutters
 - Galvanized Steel Downspouts
 - Galvanized Steel Elbows
 - Galvanized Steel Miters
 - Galvanized Steel End Caps
 - Galvanized Steel Screens/Strainers
 - Galvanized Steel Conductor Heads
 - Galvanized Steel Hangers
 - Galvanized Steel Outlets
 - Galvanized Steel Fasteners
 - Galvanized Steel Shanks
 - Galvanized Steel Downspout Hooks
 - Galvanized Steel Drives/Rack & Key
 - Galvanized Steel Downspout Pipe Band
 - Galvanized Steel Offsets
 - Galvanized Steel Flashing
 - Galvanized Steel Sheets

- Designer Copper Aluminum
- Lead Coated Copper
- Freedom Gray Copper
- Paint Grip Steel
- Preweathered Zinc
- Vinyl Gutter Systems

▶ PRODUCTS ON SALE

- Game Changer Sale**
- Cond. Heads,Gutter Guards,Rainchains
- Gutter Machines**
- Starting @ \$4299

▶ SHOP BY MATERIAL LIST

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- Gutter Guards**
- Gutters
- Downspouts
- Gutter Machines**
- Rain Chains - **Spring Sale 25% Off**
- Snow Guards
- Rain Barrels
- Leader Heads
- Half Round Gutter Products
- K Style Gutter Products
- Coil & Sheet Goods
- Ornamental Products
- Van Mark Brakes
- Weathervanes
- Fasteners
- Finials/Spikes
- Gutter Accessories
- Gutter Screens & Gutter



GUTTER SUPPLY PRODUCT CATALOG

Product Catalog -> Galvanized Steel

Galvanized Steel Hangers

Image 1 Image 2



Galvanized Half Round Hangers

The gutter hanger is integral in the longevity of any gutter system. We have a wide range of hangers for all types of galvanized gutter applications.

Choose between Half Round and K Style hangers or contact us for custom applications.

Sub-Categories:



K Style Hangers

These hangers are used for mounting K...



Half Round Hangers

One of the obstacles when installing half...



Galvanized Steel Shanks

A Shank is used in conjunction with a...



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- Ornamental Products
- Van Mark Brakes
- Weather vanes
- Fasteners
- Finials/Spire
- Gutter Accessories
- Gutter Screens & Gutter



GUTTER SUPPLY PRODUCT CATALOG

Product Catalog -> Galvanized Steel -> Galvanized Steel Downspouts

Round Corrugated Downspouts

Image 1



Click for a Larger View

Galvanized Round Corrugated Downspout

Normally used with Half Round Gutter, add the extra detail of a round corrugated downspout.

Products In This Category:

Product Code	Description	Material	Retail Price	Qty.
GARCD3XG26X	3 Rnd. Corrugated Downspout	Galvanized 26 GA	\$20.50 / 10FT	1 Add To Cart
GARCD4XG26X	4 Rnd. Corrugated Downspout	Galvanized 26 GA	\$28.00 / 10FT	1 Add To Cart
GARCD5XG26X	5 Rnd. Corrugated Downspout	Galvanized 26 GA	\$40.00 / 10FT	1 Add To Cart
GARCD6XG26X	6 Rnd. Corrugated Downspout	Galvanized 26 GA	\$58.00 / 10FT	1 Add To Cart

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[Shopping Cart](#)

May We Also Recommend:



Gutter Guards

Gutter Guards , Gutter Screens



Sealants

Please use the following guide for determining the correct...



Gutter Machines

Huge Price Breaks on Ironman's and New Tech's...



Rain Chains - Spring Sale 25% Off

25% Off Rain Chains Spring Sale!!!...



Rain Barrels

"Free Shipping" A...



Galvanized Steel Gutters

Galvanized gutters are stronger and more durable than aluminum...





Travertine Pavers: the ideal choice for pools and driveways

We could rattle off a hundred reasons why we love Travertine, but we'll try to keep it short. Travertine Pavers are quickly becoming the material of choice among Architects, Landscape Designers and Homeowners around the country due to their durability, ease of installation, cost advantage and obvious beauty.

There are basically two types of Travertine Pavers: Tumbled and Chiseled. Tumbled Travertine is porous, with a natural non-slip surface. It stays cool naturally - so you won't burn your feet on a hot summer day - and it absorbs standing water, which means it is perfect for around the pool. Chiseled Travertine, on the other hand, is made especially for driveways. It has "chiseled" edges to provide a tighter, more secure fit so it can withstand the weight of a vehicle. It also has a honed surface to prevent instant absorption in the case of an oil leak.

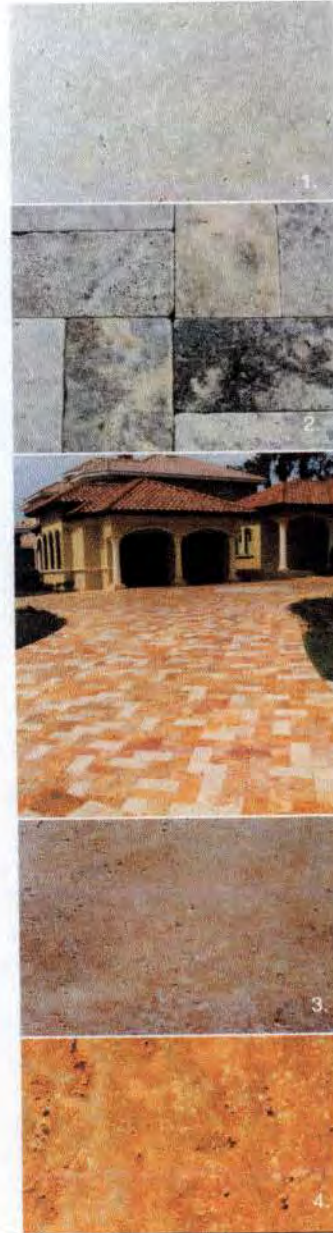
What more could you ask for?

Our most popular colors (*right*)

1. Ivory 2. Silver 3. Walnut 4. Gold

Gold and Ivory Driveway (*center right*)

To see our entire collection of Travertine Pavers,
visit: www.travertinemart.com





Ivory

TravertineMart.com

Available Size: 6" x 12"

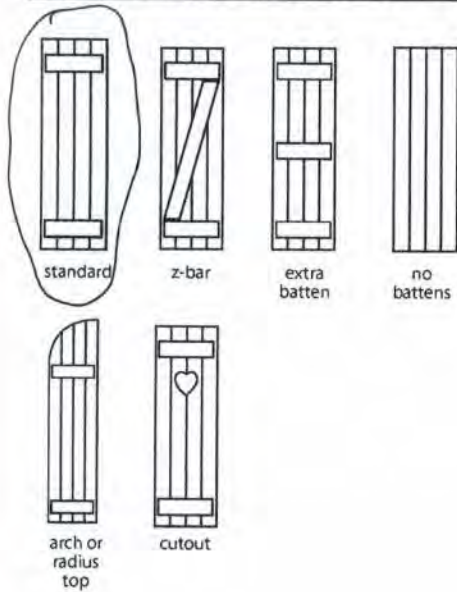


Ivory Sealed

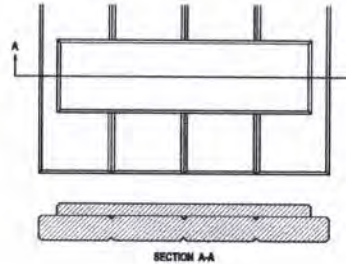


TravertineMart.com

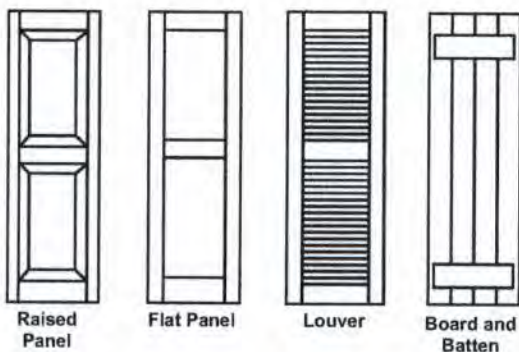
Classic Collection - Board and Batten



Rails: Proprietary Exterior Grade Composite Wood
Panels: Proprietary Exterior Grade Composite Wood
Stiles: Proprietary Exterior Grade Composite Wood
Primer: Marine Grade
Paint Finish: Two-part Urethane
Thickness: 1 1/2"
Width: 9"-30" (in 1/8" increments)
Height: 13 1/2"-96" (in 1/8" increments)
Batten Height: 4"
Batten Width: Panel width - less 1 1/2"
Board Width: Grooves are cut approximately every 4"



ProSeries



ProSeries shutters are available in four different styles

- Louver, Raised Panel, Flat Panel, Board and Batten.
- Quarter Round Arch Tops are available on Raised Panel, Flat Panel, Louver, and Board and Batten Shutters.

ProSeries shutters are available in the following sizes.

- Widths 12" to 24" in half inch increments.
- Heights 30" to 96" in half inch increments.

ProSeries shutters are primed only and should receive a finish coat of paint.

- Any good quality exterior grade finish paint should be used.
- Each shutter should be scuffed with a fine 600 grit sand paper prior to application of the finish paint coat.

Hardware for ProSeries Shutters is provided separately.

ProSeries shutters are backed by a 3 year structural warranty.

Colors

Colors are representative only and vary from the actual product. For accurate color selection please see a paint color chart.



Black 632



Pewter 646



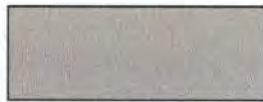
Cascade 647



Rookwood Med. Brown 658



Tricone Black 670



Roycraft Mist Gray 664



Canyon 648



Walnut 641



Charleston Green 653



Chelsea Gray 662



Redwood 636



Craftsman Brown 659



Rookwood Shutter Green 654



Plum Creek 643



Roycraft Copper Red 668



Hammered Silver 661



Roycraft Bottle Green 655



Midnight Sky 639



Board & Batten Red 650



Sand 642



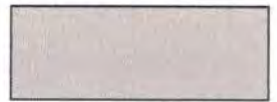
Evergreen 638



Deep Sea Blue 637



Wineberry 634



Driftwood 649



Rookwood Dark Green 656



Tempest Blue 666



Garnet 669



Weathered Shingle 660



Forest Green 633



Stratford Blue 665



Bordeaux 640



Wicker 672



Pine 644



Hamilton Blue 667



Federal Brown 635



Classical White 671



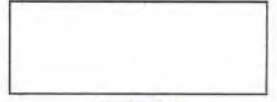
Roycraft Pewter 663



Harbor 645



Polished Mahogany 657



White 631

Hurricane Storm-rated Shutters

With Atlantic Premium Shutters, you don't have to sacrifice design appeal, even in the heart of hurricane zones. When the wind whips fiercely, the rain hardens and debris becomes airborne, Atlantic's Hurricane Storm-rated shutters protect your coastal home. All while providing the same unmatched beauty for which all Atlantic shutters are known.

Our Inside Locking U-Shaped Storm Bar System features two U-shaped storm bars that lock from the interior when the shutters are closed. Each shutter leaf has a 1/8" thick clear polycarbonate panel fastened to its back, helping protect the shutter leaf, the window and your home's interior. The system meets the Large Missile Impact Test requirement as specified in the IRC and IBC 2006.

The system is available for Architectural and Classic Collection shutters in Louver, Raised Panel or Board and Batten styles (does not apply to arch and radius top shutters, cutouts, or combination styles).

When your shutters are in the open position, the polycarbonate backing remains hidden from view, so your home evokes a scenic, seamless charm. Only you will know how extremely tough your beautiful Atlantic shutters really are.

The Bahama Storm System offers the same high level of home protection, but with our unique Bahama style Architectural Collection Shutters that offer sleek, versatile aesthetics.

A 1/8" thick clear polycarbonate panel is permanently attached to the back of the shutter. A camelback locking system specifically designed for the Bahama style is installed along the sides of the shutter.

With the Bahama Storm System, you gain privacy, ambient light, fresh air, and home-protecting toughness independently tested to a design pressure of 60 PSF.

The Bahama Storm System meets the Large Missile Impact Test requirement as specified in the IRC and IBC 2006. This system also meets the State of Florida Building Code 2007.



Architectural Collection, Bahama and Raised Panel



Bahama Storm System
Locks from the outside.



"U" Locking Storm Bar System
Locks from the inside.



Horizontal Storm Bar System
Locks from outside.

The Allure of Uplifting Design

Classic Collection shutters offer a touch of grace and distinction to any home, showcasing handsome texture and brilliant color. Skillfully handcrafted, these shutters are available in the popular Raised Panel, Faux Louver and Board and Batten designs. Classic Collection styles can be installed as either operable or fixed shutters. Their advanced composite construction delivers beauty that endures year after year. A wealth of options is available to deliver a personalized touch.

We Genuinely Hold Quality

Classic Collection shutters are exclusively crafted from our proprietary, exterior grade composite wood, including stiles, rails, closed louvers and panels. Components are machine- and hand-sanded, then hand-assembled using tongue and groove joinery techniques that have been employed by skilled craftsmen for ages. Hand-sanding several times ensures a smooth finish for each shutter. Our special industrial-grade adhesive delivers superior construction strength. We never use any pre-fabricated, stamped, molded or vacuum-formed materials.

Classic Collection Shutters deliver structural integrity and low-maintenance performance year after year, even through years of inclement weather. These shutters are moisture, rot and termite resistant.

Bold Color that Lasts

An exclusive finishing process ensures the color you select holds its richness. It begins with two coats of durable, marine-grade primer which is the same primer used on historic paddle wheel boats on the Mississippi River. Two coats of specially-formulated industrial-grade 2-part urethane finish paint are applied. Atlantic's unique oven-curing process hardens the finish paint into a protective shell with deep, vibrant color. The finish bonds permanently with the shutter material for extreme durability.

Along with our complete palette of 40 exceptional colors providing maintenance-free vibrancy, we also offer custom coloring. Our partnership with the world leader in finishes allows us to match any color.

Warranty

You can rest assured with the beautiful solution that Atlantic's Classic Collection shutters provide. Backed by a 10-year structural and finish warranty, these shutters will not crack, split, rot, bend, peel or flake.

Board and Batten

With bold dimension and solid, colorful character, Board and Batten shutters distinguish homes with Old-World charm and a flourish of rustic style. These shutters offer a classic aesthetic for a variety of homes. Board and Batten shutters are a favorite choice for picturesque forest and lake homes. Popular options include Z-bars, extra battens and arch or radius tops. To ensure historical accuracy vertical grooves are approximately every 4 inches.



standard



z-bar



extra batten


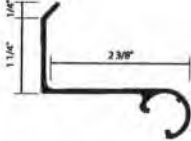
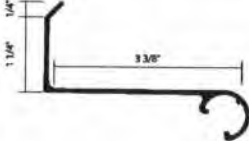


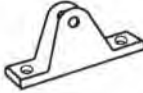


no battens

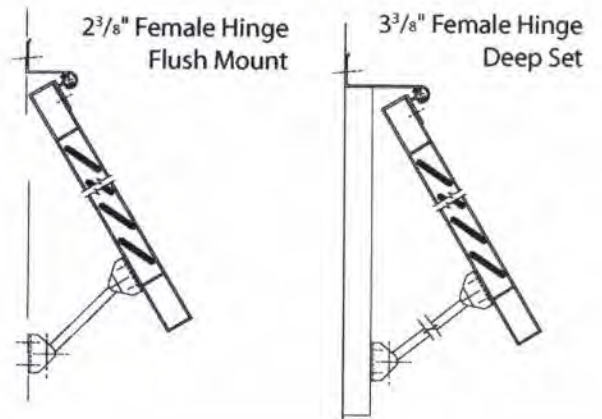


arch or radius top

Classic

 <p>Male Hinge</p>	 <p>2 3/8" Female Hinge</p>	 <p>3 3/8" Female Hinge</p>
 <p>Tilt arms with nylon end aluminum or black anodized</p>	 <p>Stainless steel clevis pin</p>	 <p>Nylon hinges/eye-end sets</p>

Examples of Common Installation Options - Bahama Hardware

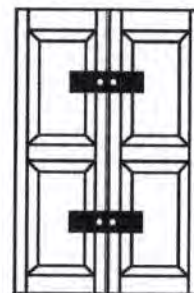


Storm Hardware

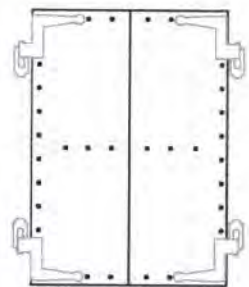
Inside Locking "U" Shaped Storm Bar System

The Inside Locking "U" Shaped Storm Bar System meets the Large Missile Impact Test requirement as specified in the IRC and IBC 2006.

- Architectural and Classic Collection shutters in Louver, Raised Panel or Board and Batten styles. (Does not apply to arch and radius top shutters, cutouts, combination, or bi-folds.)
- Can be ordered in 1/8" increments to a maximum size of 30" width and 96" length per shutter leaf.
- Each shutter leaf has a clear (1/8" thick) polycarbonate panel fastened to the back.
- Two Inside Locking "U" Shaped Storm Bars required per shutter pair.
 - Storm bar length 6", height 2", thickness 1/8", projection 1"
 - Storm bars require installation by the shutter installer.
 - Bolts and wing nuts are provided.



"u" shaped storm bar



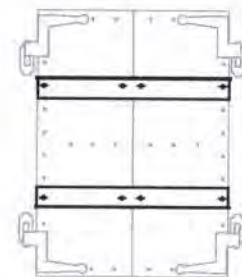
polycarbonate panel

Horizontal Storm Bar System

Can be ordered in 1/8" increments to a maximum size of 60" w x 96" h window opening (shutter width of 30").

Two Horizontal Storm Bars required per shutter pair.

- Storm bar length needs to match the total width of the shutter pair.
- Storm bars require installation by the same shutter installer.
- Bolts and wing nuts are provided.



horizontal storm bar

Bahama Storm System

The Bahama Storm System meets the State of Florida Building Code 2006.

- Architectural Collection Bahama style shutter.
- Can be ordered in 1/8" width and 1/2" height increments to a maximum of 60" w x 103" h.
- Each shutter has a clear (1/8" thick) polycarbonate panel fastened to the back.

A camel back locking system is installed along the sides of the shutter, provided at no charge.



bahama

CLEAR VUE
SHUTTERS, INC.

HURRICANE
&
STORM
SHUTTERS



The 2006 Hurricane Season Is Here!

CLEAR LEXAN XL-10 Hurricane Storm Shutters The CLEAR Choice for Your Hurricane Protection

Lexan is a trademark of General Electric and is made from a patented polycarbonate resin. GE's XL-10 Lexan corrugated sheet has 250 times the impact strength of glass and 30 times that of acrylic. It outperforms metals in that it won't rust or corrode, retains its shape after impact and is much safer to handle, stack, mount and remount.

In most applications a single storm panel can completely cover a window or door eliminating the need for multiple storm panels and greatly reducing the space required for storage. In applications where large widths are required, the corrugated sheet interlocks with adjoining panels without the need for bracing between the interlocked panels. Lexan hurricane storm panels are easily installed either by directly mounting the panel with simple hardware or affixing the panel to an upper and lower aluminum header or track.

The CAT-5 Hurricane Storm Panel offers UV protection on its outer side, provides unmatched clarity for optimum visibility and is lightweight and much easier to install than metal storm shutters or plywood sheets. Almost invisible from a distance of 50 feet, blending with the aesthetics of the dwelling they can be left in place for the entire hurricane season and in some cases year round.

General Electric warrants the panels for 10 years against cracking or breaking and GE's authorized manufacturer adds another 5 years for a 15 year warranty. No other product on the market carries anywhere near this type of warranty.

Our Lexan panels meet the Florida Building Codes and, in addition, are Miami Dade certified having passed the large missile impact test and are therefore approved for use in HVHZ areas (High Velocity Hurricane Zone). This material is used in the canopies of F-16 fighter jets and NASCAR race cars.

The new GE Plastics Lexan panel sports all the technologically advanced features of the GE Plastics' signature Lexan resin material. The Lexan Clear Storm Panel armors windows and doors with up to four times the impact resistance of a half-inch of plywood, and yet it's up to 30-50 percent lighter than the metal panels traditionally used.

Most appealing is the fact that the Lexan panels are both highly effective and beautifully clear, letting in natural light and enhancing the attractiveness of the home. Buildings traditionally boarded up with plywood or metal panels



GE - Example of Inside Light When NOT Using Lexan Panels. [Click Go for High Resolution image.](#) Photo: GE Plastics

can be unsightly, dark, and oppressive, and in that sense may invite vandalism or burglary. The Lexan Clear Storm Panel also has UV protection on both sides.

Unlike metal or plywood shutter panels, the Lexan Clear Storm Panel can be left in place for the entire hurricane season. They outperform metal in that they won't rust or corrode, and they retain their shape after impact. A single Lexan panel can completely cover a window or door, which eliminates the need for multiple panels and adds to the panel's attractiveness and ease of installation.



GE Lexan Clear Panels - LexanLight. [Click Go for High Resolution image.](#)
Photo: GE Plastics

The Lexan panels are an excellent protective option for patio doors and windows where they can provide complete, visually clear coverage. For a variety of unique or wide openings, multiple panels may be aggregated, demonstrating the flexibility of this system.

The Lexan Clear Storm Panel is easily installed either by directly mounting the panel with simple hardware or affixing the panel to h-header and f-tracks. In instances where a home or business have multiple stories or require an egress, the panels may be installed from the inside.

The UV rated Lexan XL-10 sheet which carries a limited warranty against breakage, yellowing and light transmission for 10 years by General Electric Company. Panels are available in widths ranging from 15" to 57" wide, so most windows may be covered with only one, super-lightweight, panel.

Lexan panels and Accordion Passes all the MIAMI-DADE COUNTY and the State of Florida Building code impact tests.

FL#5389 - FL#5394 - FL#5405

[|| Lexan XL-10 storm shutters ||](#) [Accordian storm shutters ||](#) [polycarbonate sheets ||](#)
[|| hurricane FAQs ||](#) [contact us ||](#) [home ||](#)

Clear Vue Shutters, Inc.
484 South Market Avenue
Fort Pierce, Florida 34982
Phone (Local) 772-465-0888
Phone (Toll Free) 866-465-0888

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Search powered by Google



Rookwood Shutter Green

EPP/22
SW 2809



Vanillin

YO/N/79
SW 6371



Extra White

E15
SW 7006



Spa

BG/B/36
SW 6765



Duration[®]

FOR UNMATCHED DURABILITY AND HIDE,
DURATION[®] COATING GOES BEYOND PAINT.



THE ULTIMATE EXTERIOR ACRYLIC COATING



ONE-COAT CONVENIENCE. ULTIMATE RESISTANCE TO PEELING AND BLISTERING. DURATION® PERFORMS SO WELL, IT'S BEYOND PAINT.

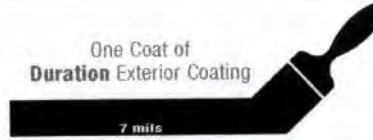
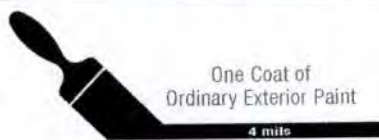
Duration Premium Exterior Coating is the longest-lasting coating on the market. It's formulated with PermaLast® technology and infused with advanced acrylic co-polymers that make it far more durable than even the most premium exterior paints. Duration has a 70% higher film build and provides a thicker, more flexible layer which results in better hide and extreme protection from peeling and blistering.



Duration is self-priming and mildew-resistant. It requires just one coat for repaints and two coats for new work so exterior jobs get done faster. Combine that with extreme durability, and you'll benefit from a wealth of advantages – saving time and money, virtually eliminating callbacks and minimizing repaints.

DURATION KEY BENEFITS

- | | |
|--|--|
| <ul style="list-style-type: none"> • Gets the repaint job done in just one coat – and quickly covers new, unpainted surfaces in two coats. Backed by a Lifetime Limited Warranty. | <ul style="list-style-type: none"> • Contractors can reinforce a quality reputation earning more referrals. |
| <ul style="list-style-type: none"> • Flash rust resistance minimizes nail-head rusting and its tannin bleed resistance is better than conventional paints. | <ul style="list-style-type: none"> • Available in flat, satin or gloss. Use on wood, stucco, masonry, aluminum, vinyl and galvanized metal. |
| <ul style="list-style-type: none"> • Provides a thicker, more flexible layer than ordinary house paint delivering extreme protection from cracking, peeling and blistering. | <ul style="list-style-type: none"> • Features VinylSafe® technology – allowing you to paint darker colors on vinyl siding without worrying about warping or buckling. |



DURATION IS BROUGHT TO YOU BY A NAME YOU KNOW AND TRUST.

For more than 140 years, Sherwin-Williams has provided contractors, builders, property managers, architects and designers with the trusted products they need to build their business and satisfy customers. Duration is just one more way we bring you industry-leading painting technology – innovation you can pass on to your customers.

Plus, with more than 3,300 stores and 1,800 sales representatives across North America, personal service and expertise is always available near jobsites. To find out more about Duration Exterior Latex Paint, contact your nearest Sherwin-Williams store or sales representative. Or to have a rep contact you, call **800-524-5979**.



105.23

WOODSCAPES® HOUSE STAIN

EXTERIOR POLYURETHANE

SEMI-TRANSPARENT STAIN

A15T5



**SHERWIN
WILLIAMS.**

SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all existing paint and replace any deteriorated substrate. Although this can be applied over earlier semi-transparent stains, some of the old color may be visible through this semi-transparent film.

Remove all surface contamination by washing with an appropriate cleaner to remove all dirt, air pollution, chalk, etc., especially in areas not exposed to direct weathering such as under eaves and porch ceilings. Rinse and allow the surface to dry. If after cleaning, the surface still appears dirty, suspect mildew.

Remove mildew before painting by washing with a solution of **1 pint liquid bleach and 1 gallon water**. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.

Maintenance clean by using a non-chlorinated bleach alternative.

SURFACE PREPARATION

Apply appropriate patching material to cracks, nail holes, or other surface imperfections. Filled areas will take the stain differently than bare wood.

Caulk around windows, doors, and other openings with an appropriate caulk. The stain will appear different over caulk. Consider using a caulk that is a color similar to the stain color.

Smooth or Rough Wood Siding and Plywood. Sand any exposed, deteriorated wood to a fresh surface.

Mill Glaze is a glossy finish on new, smooth sawn wood or on the peaks of some textured wood. This must be removed by sanding to allow the stain to penetrate.

Pressure Treated Wood

Test the absorbency of the wood by sprinkling water on the surface. If the water penetrates into the wood quickly, the wood is ready to finish. If the water beads up or does not penetrate, allow the wood to weather several weeks and test for absorbency again. Prepare the surface like any other wood surface.

Due to the green tone of many brands of pressure treated lumber, the color of the stain may look different from the color selected. Check the color on a test area prior to staining the entire project.

CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

CAUTIONS

Maintenance clean by using a non-chlorinated bleach alternative.

For exterior use only.

Do not use on composition board.

Do not use on roofs.

Do not apply at temperatures below 35°F.

Not for use on horizontal surfaces, such as a roof, or floor, where water may collect. Use DeckScapes Waterborne Semi-Transparent Deck Stain for exterior wood deck floors.

LABEL CAUTIONS

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

HOTW 08/13/2008 A15T00005 14 00

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Sheet.



105.23

WOODSCAPES® HOUSE STAIN

EXTERIOR POLYURETHANE SEMI-TRANSPARENT STAIN A15T5

**SHERWIN
WILLIAMS.**

As of 09/22/08, Complies with:		
OTC	Yes	LEED@ Clv2.0 No
SCAQMD	Yes	LEED@ NCv2.2 No
CARB	Yes	LEED@ CSv2.0 No
MPI Spec #	No	LEED@ H No
NAHB	No	



CHARACTERISTICS

WoodScapes® House Stain Exterior Polyurethane Semi-Transparent provides a long lasting, mildew resistant film with excellent penetration for protecting most exterior wood surfaces. This product can be applied at air, surface, and material temperatures as low as 35°F.

Color: Semi-Transparent stain colors
Coverage:

Rough/porous: 100-200 sq ft/gal
Smooth: 350 sq ft/gal

Drying Time, @ 77°F, 50% RH:
temperature and humidity dependent

Touch: 1 hour
Recoat: 4 hours

Drying Time @ 50% RH:
temperature and humidity dependent

@ 35-45°F @ 45°F+

Touch: 2 hour 2 hours
Recoat: 24-48 hours 5 hours

Air and surface temperatures must not drop below 35°F for 48 hours after application.

When applying a second coat, it must be applied within 30 days of the first coat.

Finish: 0 units @ 85°

Flash Point: N/A

Tinting with Blend-A-Color:

Base	oz/gal	Strength
Clear Base	½ - 4	100%

Must be tinted for use, do not exceed 4 oz/gal of tinting color.

Vehicle Type: Polyurethane
A15T5

VOC (total): 79 g/L; 0.66 lb/gal

VOC (less exempt solvents): 492 g/L; 4.11 lb/gal

Volume Solids: 8 ± 2%

Weight per Gallon: 8.5 lb

Mildew Resistant

This product contains agents which inhibit the growth of mildew on the surface of this paint film.

SPECIFICATIONS

Wood, Plywood
2 cts. WoodScapes House Stain Exterior Polyurethane Semi-Transparent

Two coats are necessary to achieve the selected color. Wait the appropriate recoat time for the first coat to dry.

Important: All stains tend to lap (dark lines where two freshly coated areas overlap). To minimize lapping:

- Do not stain in direct sun or on a hot surface.
- Stain from a dry area into the adjoining wet stain area.
- Stain up and down vertical siding and across horizontal siding.

APPLICATION

When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the **air, surface, and material temperature** are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours.

Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.

Brush

No reduction necessary. Use a nylon/polyester brush.

Roller

No reduction necessary. Use a 3/8" - 3/4" nap synthetic or lambswool roller cover.

Spray—Airless

Pressure 2000 psi
Tip015"-.017"
Reduction as needed up to 1 pt/gal

Spray—Conventional

Air Pressure 40 psi
Fluid Pressure 20 psi
Cap/Tip 704/FX
Reduction as needed up to 1 pt/gal

For the best performance, and to achieve the warranty protection, apply two coats.

When applying a second coat, it must be applied within 30 days of the first coat.

After 30 days, test the absorbency of the wood by sprinkling water on the surface. If the water does not bead up and penetrates into the wood quickly, the wood is ready to refinish. If the water beads up or does not penetrate, allow the wood to weather longer and test for absorbency again.


Science and Standards

POINTS OF PROTECTION.

During a hurricane a home's seal – its structural envelope – can be breached through a broken window or door, allowing water and wind to enter, causing an increase in pressure that can lift the roof and push the walls outward. StormPlus® offers increased protection from forceful pushing and pulling pressures with features that include laminated glass (protection against debris such as tree branches or construction materials), reinforced sash, frame and locking points and unobtrusive hardware reinforcements.

STORMPLUS PRODUCT CERTIFICATION.

Marvin products are certified by the Window and Door Manufacturers Association (WDMA), Texas Department of Insurance (TDI), and the Miami-Dade Building Code Compliance Office, Product Control Division. StormPlus product samples are independently tested to ASTM standards and TAS (201, 202, 203) protocols, and listed on the Florida and Dade County product approval websites as well as the TDI website.

 To learn more, go to Marvin.com/stormplus.

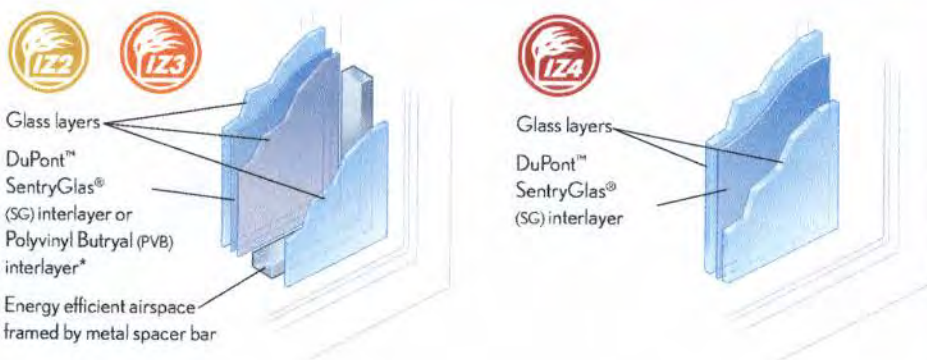
STANDING UP TO KATRINA

The brutal power of Hurricane Katrina caught countless people and communities off guard, and resulted in astonishing destruction.



The community of Pascagoula, Mississippi was one of those hardest hit. In one neighborhood a home, once surrounded by others, stood in stark contrast to neighboring houses. It was virtually unscathed, whereas all that was left of the home next door was a bare concrete slab. The intact building survived thanks in large part to storm-sturdy construction and Marvin windows. The windows used had the DP ratings required in this impact zone. While no windows can guarantee absolute safety, these performed precisely as they were designed to work, preventing air and water from getting inside the house and blowing off the roof, or pulling it in.

STORMPLUS LAMINATED GLASS



*Interlayer dependent on size

Specifications



ULTIMATE CASEMENT

IMPACT ZONE 3

Product	Max Size	DP	Operation
CUCA	CN3697	+65/-65	LH, RH
CUCA STAT/PICT	CN60108**	+65/-65	FIXED
CUCA STAT/PICT	CN10860	+65/-65	FIXED
CUCA STAT/PICT	CN7278*	+65/-65	FIXED
CUCA STAT/PICT	CN7872	+65/-65	FIXED
CUCART	CN3684	+65/-65	LH, RH
CUCART STAT/PICT	CN3684	+65/-65	FIXED
CUCART STAT/PICT	CN7278	+65/-68	FIXED
CJAWN	CN4854	+65/-65	OPERABLE
WUCA	CN3697	+65/-65	LH, RH
WUCA STAT/PICT	CN60108**	+65/-65	FIXED
WUCA STAT/PICT	CN10860	+65/-65	FIXED
WUCA STAT/PICT	CN7278*	+65/-65	FIXED
WUCA STAT/PICT	CN7872	+65/-65	FIXED
WUCART	CN3684	+65/-65	LH, RH
WUCART STAT/PICT	CN3684	+65/-65	FIXED
WUCART STAT/PICT	CN3684	+65/-65	FIXED
WUAWN	CN4854	+65/-65	OPERABLE

CASEMASTER AND AWNING

IMPACT ZONE 4

Product	Max Size	DP	Operation
CCM	CN2872	+70/-85	LH, RH
CCM	CN3272	+70/-70	LH, RH
CCM	CN3660	+70/-70	LH, RH
CCM STAT	CN4872	+95/-95	FIXED
CCM STAT	CN7272	+75/-75	FIXED
CCM RT	CN2872	+70/-85	LH, RH
CCM RT	24 SQ FT	+95/-95	FIXED
CCM RT	36 SQ FT	+95/-95	FIXED
CAWN	CN4036	+70/-85	OPERABLE
CAWN STAT	24 SQ FT	+95/-95	FIXED
CAWN STAT	50 SQ FT	+75/-75	FIXED
WCM	CN2872	+70/-85	LH, RH
WCM	CN3272	+70/-70	LH, RH
WCM	CN3660	+70/-70	LH, RH
WCM STAT	CN4872	+95/-95	FIXED
WCM STAT	CN7272	+75/-75	FIXED
WCM RT	CN2872	+70/-85	LH, RH
WCM RT	24 SQ FT	+95/-95	FIXED
WCM RT	36 SQ FT	+95/-95	FIXED
WAWN	CN4036	+70/-85	OPERABLE
WAWN STAT	24 SQ FT	+95/-95	FIXED
WAWN STAT	50 SQ FT	+75/-75	FIXED

ULTIMATE DOUBLE HUNG

IMPACT ZONE 2

Product	Max Size	DP	Operation
CUDH	CN3028	+40/-50	DH, SH
CUDH	CN3234	+35/-40	DH, SH
CUDHT	CN6820	+40/-50	FIXED
WUDH	CN3028	+40/-50	DH, SH
WUDH	CN3234	+35/-40	DH, SH

IMPACT ZONE 3

Product	Max Size	DP	Operation
CUDH	CN3234	+55/-65	DH, SH
CUDH RT	CN3234	+55/-65	DH, SH
CUDHT	73 7/8" X 27 3/8"	+55/-65	FIXED
CUDHP	CN6878	+55/-65	FIXED
CUDHP F.S.	60" X 180"	+55/-55	FIXED
WUDH	CN3434	+50/-65	DH, SH
WUDH RT	CN3434	+50/-65	DH, SH
WUDHT	73 7/8" X 27 3/8"	+55/-65	FIXED
WUDHP	CN6878	+55/-65	FIXED

IMPACT ZONE 3 (MAGNUM)

Product	Max Size	DP	Operation
UDHM	CN4848	+50/-65	DH
UDHM	CN4256	+50/-65	DH

ROUND TOP AND POLYGON

IMPACT ZONE 3

Product	Max Size	DP	Operation
CDG F.S.	73" X 73"	+55/-65	FIXED
CDG F.S.	48" X 120"	+55/-65	FIXED
CDG F.S.	120" X 48"	+55/-65	FIXED
WDG F.S.	73" X 73"	+55/-65	FIXED

IMPACT ZONE 4

Product	Max Size	DP	Operation
CDG	24 SQ FT	+95/-95	FIXED
CDG	50 SQ FT	+75/-75	FIXED

*Certified width 72 5/8" for use with Marvin Doors.

**Certified height 107 1/2" (frame size).

F.S. refers to frame size.

WOOD ULTIMATE DOUBLE HUNG

Mas. Opp. (mm)	2-0 1/2 (622)	2-4 1/2 (724)	2-8 1/2 (826)	2-10 1/2 (876)	3-0 1/2 (927)	3-2 1/2 (978)	3-4 1/2 (1029)	3-8 1/2 (1130)	4-0 1/2 (1232)
Rgh. Opp. (mm)	1-10 3/8 (568)	2-2 3/8 (670)	2-6 3/8 (772)	2-8 3/8 (822)	2-10 3/8 (873)	3-0 3/8 (924)	3-2 3/8 (975)	3-6 3/8 (1076)	3-10 3/8 (1178)
Frame Size (mm)	1-9 3/8 (543)	2-1 3/8 (645)	2-5 3/8 (746)	2-7 3/8 (797)	2-9 3/8 (848)	2-11 3/8 (899)	3-1 3/8 (949)	3-5 3/8 (1051)	3-9 3/8 (1153)
Glass Size (mm)	16" (406)	20" (508)	24" (610)	26" (660)	28" (711)	30" (762)	32" (813)	36" (914)	40" (1016)
2-0 9/16 (878) 2-9 1/2 (851) 2-9 (838) 12" (305)									
3-2 9/16 (980) 3-1 1/2 (953) 3-1 (940) 14" (356)									
3-6 9/16 (1081) 3-5 1/2 (1054) 3-5 (1041) 16" (406)									
3-10 9/16 (1183) 3-9 1/2 (1156) 3-9 (1143) 18" (457)									
4-2 9/16 (1284) 4-1 1/2 (1257) 4-1 (1245) 20" (508)									
4-6 9/16 (1386) 4-5 1/2 (1359) 4-5 (1346) 22" (559)									
4-10 9/16 (1488) 4-9 1/2 (1461) 4-9 (1448) 24" (610)									
5-2 9/16 (1589) 5-1 1/2 (1562) 5-1 (1549) 26" (660)									
5-6 9/16 (1691) 5-5 1/2 (1664) 5-5 (1651) 28" (711)									

MULTIPLE ASSEMBLY CONVERSIONS

ROUGH OPENING		MASONRY OPENING WITH BMC	
Width	Height	Width	Height
Add all frame sizes plus 1" (25)	Add frame sizes plus 1/2" (13)	Add all frame sizes plus 3 1/8" (79)	Add frame sizes plus 1 9/16" (39)

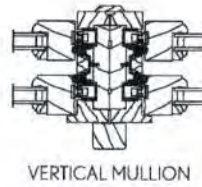
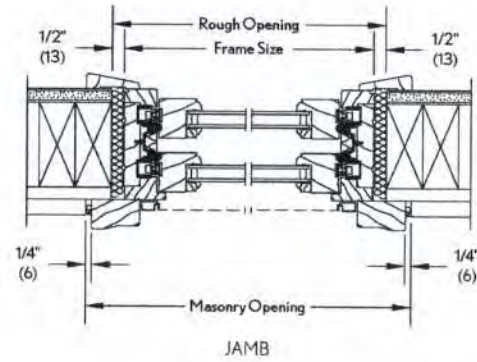
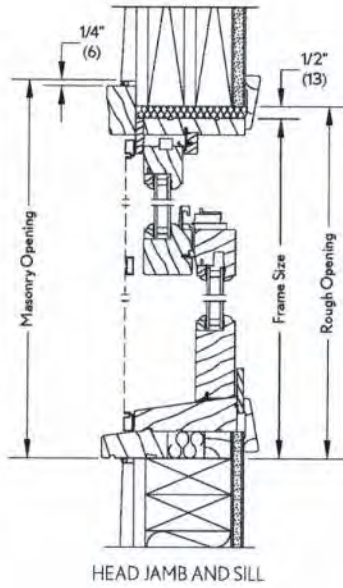
NOTES:

Lite patterns shown are 3/4" (19) grilles or 7/8" (22) SDL Lite patterns for 1 1/8" (29) may vary.

* These windows meet national egress codes for fire evacuation. Local codes may differ.

WOOD ULTIMATE DOUBLE HUNG

CONSTRUCTION DETAILS



WOOD ULTIMATE DOUBLE HUNG / SINGLE HUNG

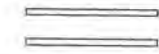
ENERGY DATA	U-Factor	SHGC	VT	CR	ENERGY STAR
11/16" Insulating Glass Air	0.45	0.55	0.58	43	
11/16" Insulating Glass LoE 272 Air	0.32	0.30	0.51	53	NC, SC
11/16" Insulating Glass LoE 272 Argon	0.29	0.29	0.51	56	N, NC, SC
11/16" Insulating Glass LoE 366 Air	0.32	0.20	0.46	53	NC, SC, S
11/16" Insulating Glass LoE 366 Argon	0.28	0.20	0.46	57	N, NC, SC, S
11/16" Insulating Glass LoE 272 Air w/Combination	0.23	0.30	0.46	65	N, NC, SC
11/16" Insulating Glass LoE 272 Argon w/Combination	0.21	0.29	0.46	67	N, NC, SC
11/16" Insulating Glass LoE 366 Air w/Combination	0.23	0.22	0.42	65	N, NC, SC, S
11/16" Insulating Glass LoE 366 Argon w/Combination	0.20	0.21	0.42	68	N, NC, SC, S
7/8" Tri-Pane LoE 272 Argon LoE 272	0.24	0.25	0.40	64	N, NC, SC, S
7/8" Tri-Pane LoE 272 Krypton-Argon LoE 272	0.22	0.25	0.40	67	N, NC, SC, S
7/8" Tri-Pane LoE 179 Argon LoE 179	0.25	0.40	0.49	63	N, NC
7/8" Tri-Pane LoE 179 Krypton-Argon LoE 179	0.23	0.40	0.49	66	N, NC

WOOD ULTIMATE DOUBLE HUNG

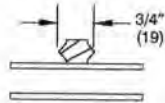
SECTION DETAILS: DIVIDED LITE OPTIONS

NOT TO SCALE

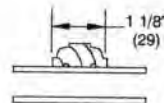
WUDH



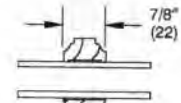
Insulating Glass



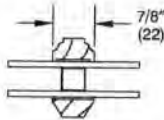
3/4" Grille



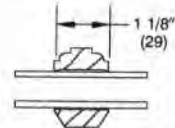
1 1/8" Grille



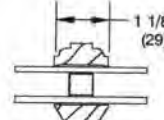
7/8" SDL
without Spacer Bar



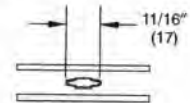
7/8" SDL
with Spacer Bar



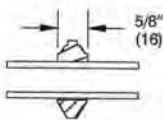
1 1/8" SDL
without Spacer Bar



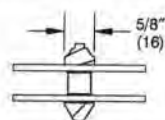
1 1/8" SDL
with Spacer Bar



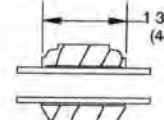
Aluminum
11/16" Contour GBG



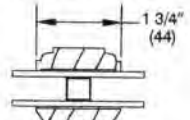
5/8" SDL
without Spacer Bar



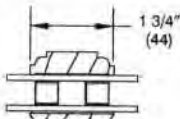
5/8" SDL
with Spacer Bar



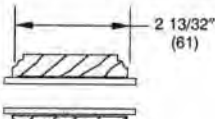
1 3/4" SDL
without Spacer Bar



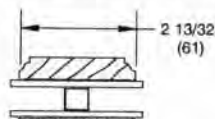
1 3/4" SDL
with Spacer Bar



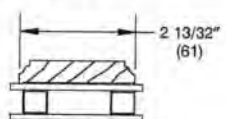
1 3/4" SDL
with Two Spacer Bars



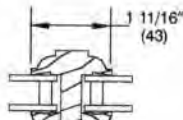
2 13/32" SDL
without Spacer Bar



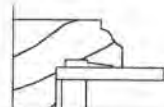
2 13/32" SDL
with Spacer Bar



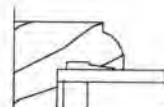
2 13/32" SDL
with Two Spacer Bars



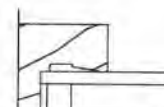
1 11/16" ADL



Ogee



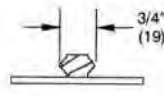
Ovolo
Standard



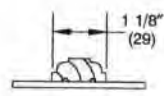
Square



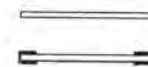
Single Glaze



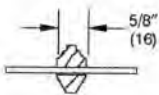
Single Glaze with
3/4" Grille



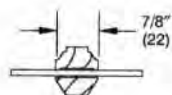
Single Glaze with
1 1/8" Grille



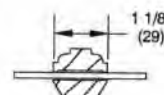
Single Glaze with
Energy Panel



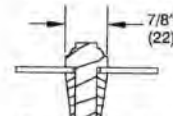
Single Glaze with
5/8" SDL



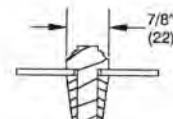
Single Glaze with
7/8" SDL



Single Glaze with
1 1/8" SDL



Single Glaze ADL
with Energy Panel



Single Glaze ADL

NOTE:

Grille = Removable interior divider
SDL = Simulated divided lite
GBG = Grilles between glass

- * Grille - available for use in Ogee and Ovolo sash sticking.
- SDL - available for use on Ogee and Ovolo sash sticking only
- GBG - available with all three sticking profiles

ULTIMATE SWINGING FRENCH DOOR

IMPACT ZONE 2 (OUTSWING)

Product	Max Size	DP	Operation
CUOFD	CN3080	+40 / -50	X
CUOFD	CN6080	+40 / -50	XX
WUOFD	CN3080	+40 / -50	X
WUOFD	CN6080	+40 / -50	XX

IMPACT ZONE 2 (INSWING)

Product	Max Size	DP	Operation
CUIFD	CN3080	+40 / -50	O, X
CUIFD	CN6080	+40 / -50	OX, XO, XX
WUIFD	CN3080	+40 / -50	O, X
WUIFD	CN6080	+40 / -50	OX, XO, XX

IMPACT ZONE 3 (OUTSWING)

Product	Max Size	DP	Operation
CUOFD	CN3080	+55 / -65	O, X
CUOFD	CN6080	+55 / -65	OX, XO, XX
WUOFD	CN3080	+55 / -65	O, X
WUOFD	CN6080	+55 / -65	OX, XO, XX
CUOFS	CN1680	+55 / -65	FIXED
WUOFS	CN1680	+55 / -65	FIXED
CUOFT	CN6026	+55 / -65	FIXED
WUOFT	CN6026	+55 / -65	FIXED

IMPACT ZONE 3 (INSWING)

Product	Max Size	DP	Operation
CUIFD	CN3080	+50 / -65	O, X
CUIFD	CN6080	+50 / -65	OX, XO, XX
WUIFD	CN3080	+50 / -65	O, X
WUIFD	CN6080	+50 / -65	OX, XO, XX
CUIFS	CN1680	+55 / -65	FIXED
CUIFT	CN6026	+55 / -65	FIXED
WUIFS	CN1680	+55 / -65	FIXED
WUIFT	CN6026	+55 / -65	FIXED

IMPACT ZONE 4 (OUTSWING)

Product	Max Size	DP	Operation
CUOFD	CN3080	+65 / -85	O, X
CUOFD	CN3068	+65 / -85	O, X
CUOFD	CN6080	+65 / -80	XX
CUOFD	CN6068	+65 / -85	XX
WUOFD	CN3080	+65 / -85	O, X
WUOFD	CN3068	+65 / -85	O, X
WUOFD	CN6080	+65 / -80	XX
WUOFD	CN6068	+65 / -85	XX

ULTIMATE SLIDING FRENCH DOOR

IMPACT ZONE 2

Product	Max Size	DP	Operation
CUSFD	CN6080	+40 / -50	OX, XO
WUSFD	CN6080	+40 / -50	OX, XO

IMPACT ZONE 3

Product	Max Size	DP	Operation
CUSFD	CN8080	+55 / -65	OX, XO
WUSFD	CN8080	+55 / -65	OX, XO
CUSFT	CN8026	+55 / -65	FIXED
WUSFT	CN8026	+55 / -65	FIXED

6/6 HEIGHT

Clad Mas. Opg. (mm)	Wood Mas. Opg. (mm)	Rgh. Opg. (mm)	Frame Size (mm)	Glass Size (mm)	6-7 3/4" (2026)	6-9 1/16" (2058)	6-8" (2032)	6-7 1/2" (2019)	6-7 15/16" (1849)
1-8 3/8" (518)	1-11 (584)	1-8 7/8" (530)	1-7 7/8" (505)	12 13/16" (325)	1666	2666	3066	5066	8066
2-7 1/8" (791)	2-9 3/4" (857)	2-7 5/8" (803)	2-6 5/8" (778)	20 3/32" (510)	1666	2666	3066	5066	8066
3-1 1/8" (943)	3-3 3/4" (1010)	3-1 5/8" (956)	3-0 5/8" (930)	26 3/32" (663)	1666	2666	3066	5066	8066
4-1 1/2" (1511)	5-2 1/8" (1578)	5-0 (1524)	4-11 (1499)	20 3/32" (510)	1666	2666	3066	5066	8066
5-1 1/2" (1511)	5-2 1/8" (1578)	5-0 (1524)	4-11 (1499)	20 3/32" (510)	1666	2666	3066	5066	8066
6-2 1/8" (1883)	6-2 1/8" (1883)	6-0 (1829)	5-11 (1803)	26 3/32" (663)	1666	2666	3066	5066	8066
8-9 7/8" (2689)	8-9 7/8" (2689)	8-10 3/8" (2702)	8-9 3/8" (2677)	26 3/32" (663)	1666	2666	3066	5066	8066
7-10 11/16" (2405)	8-1 5/16" (2472)	7-11 3/16" (2418)	7-10 3/16" (2418)	12 13/16" (325) / 20 3/32" (510)	1666	2666	3066	5066	8066

6/8 HEIGHT (7/0 AND 8/0 HEIGHTS SEE BELOW)

Clad Mas. Opg. (mm)	Wood Mas. Opg. (mm)	Rgh. Opg. (mm)	Frame Size (mm)	Glass Size (mm)	6-10 1/4" (2089)	6-11 9/16" (2122)	6-10 1/2" (2096)	6-10" (2083)	6-7 7/16" (1713)
1-8 3/8" (518)	1-11 (584)	1-8 7/8" (530)	1-7 7/8" (505)	12 13/16" (325)	1668	2068	2680	2680	2680
2-7 1/8" (791)	2-9 3/4" (857)	2-7 5/8" (803)	2-6 5/8" (778)	20 3/32" (510)	1668	2068	2680	2680	2680
3-1 1/8" (943)	3-3 3/4" (1010)	3-1 5/8" (956)	3-0 5/8" (930)	26 3/32" (663)	1668	2068	2680	2680	2680
4-1 1/2" (1511)	5-2 1/8" (1578)	5-0 (1524)	4-11 (1499)	20 3/32" (510)	1668	2068	2680	2680	2680
5-1 1/2" (1511)	5-2 1/8" (1578)	5-0 (1524)	4-11 (1499)	20 3/32" (510)	1668	2068	2680	2680	2680
6-2 1/8" (1883)	6-2 1/8" (1883)	6-0 (1829)	5-11 (1803)	26 3/32" (663)	1668	2068	2680	2680	2680
8-9 7/8" (2689)	8-9 7/8" (2689)	8-10 3/8" (2702)	8-9 3/8" (2677)	26 3/32" (663)	1668	2068	2680	2680	2680
7-10 11/16" (2405)	8-1 5/16" (2472)	7-11 3/16" (2418)	7-10 3/16" (2418)	12 13/16" (325) / 20 3/32" (510)	1668	2068	2680	2680	2680

Clad Mas. Opg. (mm)	Wood Mas. Opg. (mm)	Rgh. Opg. (mm)	Frame Size (mm)	Glass Size (mm)	6-10 1/4" (2089)	6-11 9/16" (2122)	6-10 1/2" (2096)	6-10" (2083)	6-7 7/16" (1713)
4-1 1/8" (1248)	4-3 3/4" (1314)	4-5 1/8" (1260)	4-0 5/8" (1235)	14 29/32" (379)	4080	5068	5080	5070	5080
5-1 1/8" (1553)	5-3 1/4" (1619)	5-5 1/8" (1565)	5-0 5/8" (1540)	20 29/32" (531)	4080	5068	5080	5070	5080
6-5 1/16" (1837)	6-2 15/16" (1903)	6-0 13/16" (1849)	6-0 13/16" (1849)	20 29/32" (531)	4080	5068	5080	5070	5080
7-6 5/16" (2294)	7-8 15/16" (2361)	7-6 13/16" (2307)	7-5 13/16" (2281)	20 29/32" (531)	4080	5068	5080	5070	5080
8-0 5/16" (2446)	8-2 15/16" (2513)	8-0 13/16" (2459)	7-11 13/16" (2434)	22 29/32" (582)	4080	5068	5080	5070	5080
9-0 5/16" (2751)	9-2 15/16" (2818)	9-0 13/16" (2764)	8-11 13/16" (2738)	26 29/32" (683)	4080	5068	5080	5070	5080
10-6 5/16" (3208)	10-8 5/16" (3275)	10-6 13/16" (3221)	10-5 13/16" (3196)	32 29/32" (836)	4080	5068	5080	5070	5080

Clad Mas. Opg. (mm)	Wood Mas. Opg. (mm)	Rgh. Opg. (mm)	Frame Size (mm)	Glass Size (mm)	6-10 1/4" (2089)	6-11 9/16" (2122)	6-10 1/2" (2096)	6-10" (2083)	6-7 7/16" (1713)
6-0 5/16" (1837)	6-2 15/16" (1903)	6-0 13/16" (1849)	6-0 13/16" (1849)	14 29/32" (379)	6080	7668	7680	7670	7680
7-6 5/16" (2294)	7-8 15/16" (2361)	7-6 13/16" (2307)	7-5 13/16" (2281)	20 29/32" (531)	6080	7668	7680	7670	7680
8-0 5/16" (2446)	8-2 15/16" (2513)	8-0 13/16" (2459)	7-11 13/16" (2434)	22 29/32" (582)	6080	7668	7680	7670	7680
9-0 5/16" (2751)	9-2 15/16" (2818)	9-0 13/16" (2764)	8-11 13/16" (2738)	26 29/32" (683)	6080	7668	7680	7670	7680
10-6 5/16" (3208)	10-8 5/16" (3275)	10-6 13/16" (3221)	10-5 13/16" (3196)	32 29/32" (836)	6080	7668	7680	7670	7680

NOTES:

The patterns shown are for standard grilles; SDL, and ADL in 6/6, 6/8, and 7/0 heights. The standard pattern for 8/0 heights is a 6 high lite cut.
 All glass is tempered.
 Elevations as viewed from the exterior.
 Please contact your local Marvin representative for masonry openings that include casings and subsills.

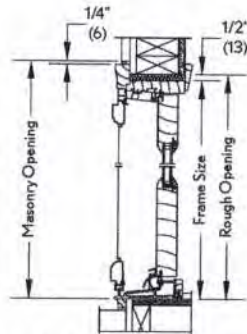
7/0 AND 8/0 HEIGHTS:

7/0 Height	8/0 Height	Clad Mas. Opg. (mm)	Wood Mas. Opg. (mm)	Rgh. Opg. (mm)	Frame Size (mm)	Glass Size (mm)
7-11 3/4" (2432)	7-11 3/4" (2432)	7-11 3/4" (2432)	8-1 1/16" (2465)	8-0 (2438)	7-11 1/2" (2426)	80 15/16" (2056)
7-2 1/4" (2191)	7-2 1/4" (2191)	7-2 1/4" (2191)	7-3 9/16" (2224)	7-2 1/2" (2197)	7-2 (2184)	71 7/16" (1815)

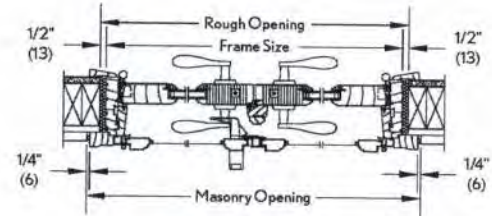
ULTIMATE INSWING FRENCH DOOR

CONSTRUCTION DETAILS

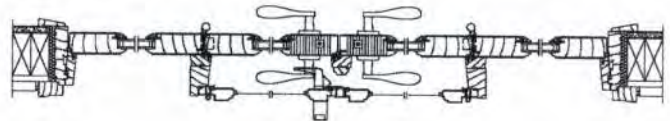
After February, 2011 visit Marvin.com for new Ultimate Inswing French Door construction details and energy data.



WOOD HEAD JAMB AND SILL
WITH STANDARD SWINGING SCREEN



WOOD 2 PANEL JAMB
XX LHI WITH STANDARD SWINGING SCREEN



WOOD 4 PANEL JAMB
OXXO LHI WITH STANDARD SWINGING SCREEN

WOOD ULTIMATE INSWING FRENCH DOOR

ENERGY DATA	U-Factor	SHGC	VT	CR	ENERGY STAR
1/8" SG	0.72	0.49	0.50	12	
1/8" SG w/EP	0.42	0.44	0.46	47	
1/8" SG w/LoE EA EP	0.35	0.37	0.42	56	
3/4" Insulating Glass/Air	0.42	0.44	0.46	46	
3/4" Insulating GlassLoE 272 Air	0.33	0.24	0.40	58	
3/4" Insulating GlassLoE 272 Argon	0.30	0.24	0.40	62	N, NC, SC, S
3/4" Insulating GlassLoE 366 Air	0.32	0.16	0.36	59	N, NC, SC, S
3/4" Insulating GlassLoE 366 Argon	0.30	0.16	0.36	62	N, NC, SC, S



2204SZ-DS

Cape Cod

Sienna Bronze or Gunmetal finish with clear
seedy glass

Width: 11"

Height: 23.25"

Weight: 10 lbs.

Glass: Clear Seedy Glass

Bulb: One 13w CFL (lamp included)

Voltage: 120v

TTO: 16"

Extension: 13"

Back Plate Height: 9.5"

Back Plate Width: 4.5"

Certification: c-ETL-us Wet

UPC: 640665220438



Notes



2203SZ

Cape Cod

Sienna Bronze or Gunmetal finish with clear
seedy glass

Width: 7"

Height: 9"

Weight: 3 lbs.

Material: Solid Brass

Glass: Clear Seedy Glass

Bulb: One 60w Medium Base

Voltage: 120v

Leadwire: 72"

Chain: 60"

Certification: c-UL-us Damp

UPC: 640665220315

Notes: Combination Mount; 9.75"H when
chain hung; 5"D Canopy



Notes

**Property Appraiser
Information**

Karl D. Borglum
Property Appraiser
Monroe County, Florida

office (305) 292-3420
fax (305) 292-3501

Property Record View

Alternate Key: 1011398 Parcel ID: 00011100-000000

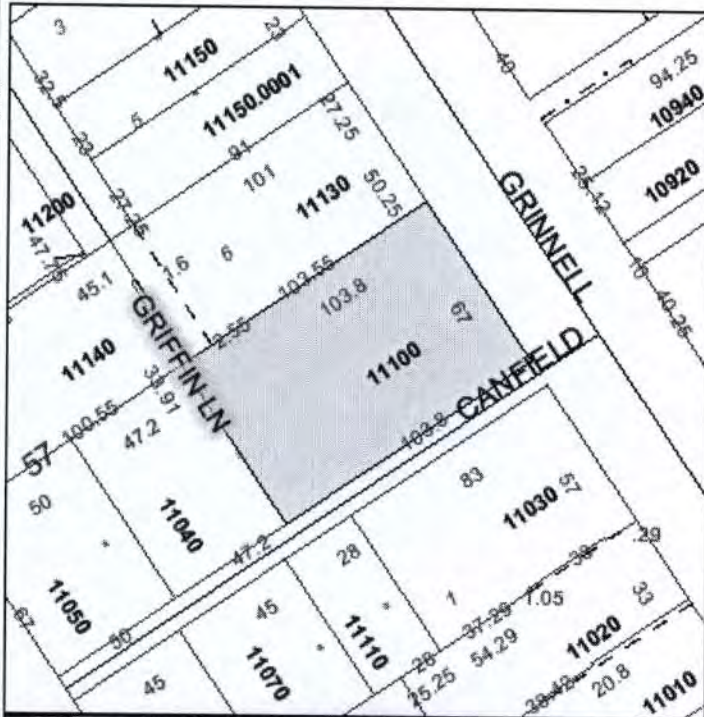
Ownership Details

Mailing Address:
MARIO CHRISTOPHER B
20 GREENHOUSE DR
PRINCETON, NJ 08540-4801

Property Details

PC Code: 01 - SINGLE FAMILY
Millage Group: 10KW
Affordable Housing: No
Section-Township-Range: 06-68-25
Property Location: 618 GRINNELL ST KEY WEST
Legal Description: KW PT LT 1 SQR 57 G7-405 OR386-48 OR902-1279/80 OR930-2057/58C/L/E OR1079-1602D/C OR1113-1125/29L/E OR1117-795/97 OR2508-70/72

Parcel Map



Land Details

Land Use Code	Frontage	Depth	Land Area
01SD - RES SMALL LOT DRY	0	0	6,955.00 SF

Building Summary

Number of Buildings: 1
 Number of Commercial Buildings: 0

Total Living Area: 1907
Year Built: 1940

Building 1 Details

Building Type R1
Effective Age 21
Year Built 1940
Functional Obs 0

Condition G
Perimeter 294
Special Arch 0
Economic Obs 0

Quality Grade 550
Depreciation % 29
Grnd Floor Area 1,907

Inclusions: R1 includes 1 3-fixture bath and 1 kitchen.

Roof Type GABLE/HIP

Roof Cover METAL

Foundation WD CONC PADS

Heat 1 NONE

Heat 2 NONE

Bedrooms 3

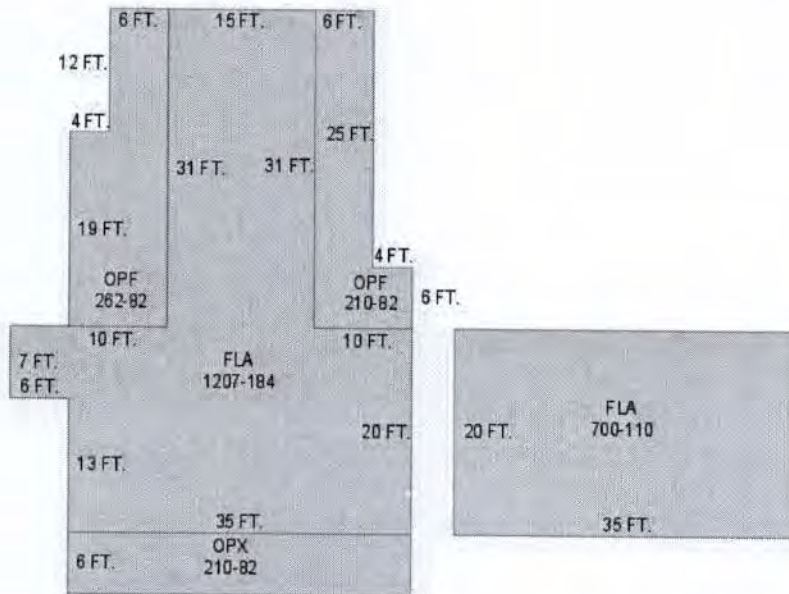
Heat Src 1 NONE

Heat Src 2 NONE

Extra Features:

2 Fix Bath 1
3 Fix Bath 1
4 Fix Bath 0
5 Fix Bath 0
6 Fix Bath 0
7 Fix Bath 0
Extra Fix 0

Vacuum 0
Garbage Disposal 0
Compactor 0
Security 0
Intercom 0
Fireplaces 0
Dishwasher 0



Sections:

Nbr	Type	Ext Wall	# Stories	Year Built	Attic A/C	Basement %	Finished Basement %	Area
1	OPX	12:ABOVE AVERAGE WOOD	1	1993	N N	0.00	0.00	210
2	FLA	12:ABOVE AVERAGE WOOD	1	1993	N N	0.00	0.00	1,207
3	OPF	12:ABOVE AVERAGE WOOD	1	1993	N N	0.00	0.00	262

4	OPF	12:ABOVE AVERAGE WOOD	1	1993	N	N	0.00	0.00	210
6	FLA	12:ABOVE AVERAGE WOOD	1	1993	N	N	0.00	0.00	700

Misc Improvement Details

Nbr	Type	# Units	Length	Width	Year Built	Roll Year	Grade	Life
1	PT2:BRICK PATIO	1,500 SF	0	0	1979	1980	2	50
3	FN2:FENCES	348 SF	0	0	1984	1985	2	30
5	CL2:CH LINK FENCE	268 SF	0	0	1964	1965	1	30
6	FN2:FENCES	268 SF	67	4	1984	1985	5	30

Appraiser Notes

2011-02-17 MLS \$1,200,000 3/2.5 ONE OF ONLY A LIMITED NUMBER EYE BROW CONCH HOMES. THIS PROPERTY HAS BEEN OWNER OR FAMILY OCCUPIED SINCE 1938. ADEQUATELY MAINTAINED. A WONDERFUL NEIGHBORHOOD AND PROJECT FOR SOMEONE DESIRING A SUPERB HOME. ROOM FOR A POOL. NEEDS UPGRADING BUT COULD BE A SPECTACULAR FINISHED PRODUCT

Building Permits

Bldg Number	Date Issued	Date Completed	Amount	Description	Notes
0102951	08/23/2001	10/15/2001	14,000		14 SQS METAL SHINGLES
02-0132	01/15/2002	09/04/2002	2,500		SEWER TEST
02-0289	02/01/2002	09/04/2002	2,000		REPLACE SEWER LINE

Parcel Value History

Certified Roll Values.

[View Taxes for this Parcel.](#)

Roll Year	Total Bldg Value	Total Misc Improvement Value	Total Land Value	Total Just (Market) Value	Total Assessed Value	School Exempt Value	School Taxable Value
2010	259,133	6,247	441,017	706,397	706,397	0	706,397
2009	288,034	6,472	670,345	964,851	964,851	0	964,851
2008	264,825	6,697	966,745	1,238,267	1,238,267	0	1,238,267
2007	433,242	6,901	1,217,125	1,657,268	1,657,268	0	1,657,268
2006	583,520	7,126	660,725	1,251,371	1,251,371	0	1,251,371
2005	609,746	7,351	521,625	1,138,722	1,138,722	0	1,138,722
2004	357,892	7,576	486,850	852,318	852,318	0	852,318
2003	344,637	7,801	243,425	595,863	595,863	0	595,863
2002	414,928	8,143	208,650	631,721	631,721	0	631,721
2001	313,439	8,247	135,623	457,309	457,309	0	457,309
2000	296,499	10,227	132,145	438,871	438,871	0	438,871
1999	250,753	8,951	132,145	391,849	391,849	0	391,849

1998	182,135	6,729	132,145	321,010	321,010	0	321,010
1997	165,192	6,281	118,235	289,708	289,708	0	289,708
1996	114,364	4,486	118,235	237,085	237,085	0	237,085
1995	104,198	4,092	118,235	226,525	226,525	0	226,525
1994	93,185	3,760	118,235	215,180	215,180	0	215,180
1993	90,999	2,599	118,235	211,833	211,833	0	211,833
1992	90,999	2,599	118,235	211,833	211,833	0	211,833
1991	90,999	2,599	118,235	211,833	211,833	0	211,833
1990	61,915	2,599	92,154	156,668	156,668	0	156,668
1989	56,286	2,363	90,415	149,064	149,064	0	149,064
1988	45,867	2,363	79,983	128,213	128,213	25,000	103,213
1987	45,338	2,363	47,642	95,343	95,343	25,000	70,343
1986	45,586	2,363	45,903	93,852	93,852	25,000	68,852
1985	44,279	2,363	28,360	75,002	75,002	25,000	50,002
1984	41,329	2,363	28,360	72,052	72,052	25,000	47,052
1983	41,329	2,363	28,360	72,052	72,052	25,000	47,052
1982	42,138	2,363	28,360	72,861	72,861	5,000	67,861

Parcel Sales History

NOTE: Sales do not generally show up in our computer system until about two to three months after the date of sale. If a recent sale does not show up in this list, please allow more time for the sale record to be processed. Thank you for your patience and understanding.

Sale Date	Official Records Book/Page	Price	Instrument	Qualification
3/9/2011	2508 / 70	850,000	WD	02

This page has been visited 12,625 times.

Monroe County Property Appraiser
 Karl Borlum
 P.O. Box 1176
 Key West, FL 33041-1176