

Historic Architectural Review Commission Staff Report for Item 7

To: Chairman Bryan Green and Historic Architectural Review

Commission Members

From: Kelly Perkins, MHP

HARC Assistant Planner

Meeting Date: July 24, 2018

Applicant: William Shepler

Application Number: H18-03-0031

Address: #1300 Angela Street

Description of Work:

New one and half-story frame house. Relocation of existing cbs house and raise it approximately one foot. New rear addition and reconstruction of side addition. Two new pools, driveways and site work.

Site Facts:

The one-story, cbs structure at 1300 Angela Street is listed as a noncontributing structure in the survey. The property appraiser's office states that the building was constructed in 1953, and it is designed in a standard Florida 1950/60s ranch style home with Mid-Century Modern elements: simple rectangular form with a flat roof with wide overhanging eaves, little exterior decorative detail, and the use of clean, simple lines. Located in the center of a double lot, it has undergone very few changes from the 1965 photograph.

On April 19, 2018, the property was awarded a second unit through BPAS.

Ordinances and Guidelines Cited in Review:

Chapter 102, Article IV, Division 4: Building Relocation

Guidelines for New Construction (pages 38a-38q), specifically guidelines 1, 2, 3, 6, 7, 8, 9, 11, 12, 13, 14, 17, 18, 21, 22, 23, 24, and 25.

Guidelines for Additions and Alterations (pages 37a-37k), specifically guidelines 1, 5, 6, 11, 12, 13, 14, 19, 22, 24, and 28.

Staff Analysis

This Certificate of Appropriateness proposes a new one and half story on the eastern side of the property. The new building will be setback 21 feet from the front property line. The structure will be 23 feet, 6 inches tall and will be traditional in design with a side gable roof, three small dormers on the front, a shed dormer on the rear, and a porch that spans the width of the building. The structure will have a rear one-story element with a green roof – an aspect of their application for BPAS. The building will have fiber-cement siding, aluminum impact doors and windows, and v-crimp roofing. The one-story section in the rear will have a fascia board that projects up to hide the green roof system.

The existing cbs structure will be relocated further to the west, reducing its front and side setbacks. Currently, the building has a 15-foot front setback and a 22 feet side setback. The applicant is proposing to relocate the structure 5 and a half feet forward towards Angela Street and 15 feet towards Georgia Street, meeting the current front and street-side setbacks. A storage unit in the rear and an area called a "Florida room" will be demolished. The "Florida Room" will be reconstructed in size after the house is relocated. When the building is relocated, it will be placed one foot taller to meet B.F.E. A new addition will be added onto the rear with a height of approximately 17 feet. It will be 3 and a half feet taller than the historic house. The new addition will have a flat roof, similar to the main house. For the portion of the addition that extends above the historic house, clerestory windows will be used. A new primary entrance will be added onto the Georgia Street side of the house, but the original main house entrance will remain.

The plans also call for a new wood deck with a pool for each structure. The decks and pools will be located in the rear. Two new driveways will be created on Angela Street.

Consistency with Guidelines

New Structure:

The proposed structure meets all the guidelines for new construction. It will serve as a transition between the neighboring two-story structures and the one-story cbs structure. The proposed green roof on the rear of the structure will not be visible from the public right-of-way.

Relocation and Addition to Historic CBS Structure:

The standards for relocation were really written for structures that are relocated onto another property. Even though the relocation will change some of the setbacks for the historic cbs structure, the house will still have a similar environment. Currently, the building is set back much further than its surrounding structures.

Guideline 11 for additions and alterations state that, "the addition shall be lower than the original building height," and the proposed addition is 3 feet taller than the existing building. There is a difference in that this building a mid-century modern structure. It is normal for this typology to have additions or portions of the house that were taller than the front section of the house.

Typically, additions were set to the rear and/or side of the building. See the c.1965 photos below: Top two photos are 1021 Johnson Street. Bottom photo is 1016 Flagler Avenue.





This is very different from the frame vernacular structures that we normally deal with in the historic district – where the largest portion of the building was the front with smaller additions in the rear that tend to follow a train-like development. Mid-century ranches were rambling, horizontally focused, and often utilizing different roof heights. The character of 1300 Angela Street is its flat roofs, little exterior decoration, geometric form, and its wide overhanging eaves. The new addition reinforces the horizontality and geometry of the structure. The use of the clerestory windows at the top breaks up the massing and gives the addition a more transparent appearance.

Elevation of the Structure:

Since the structure is more atypical for the neighborhood, it never really had a relationship with the neighboring structures. The two structures on Angela Street and the structure on Georgia Street are not historic, built in 1985, 1995, and 1976 respectively. The elevation won't alter the character of this structure, as it is only a foot.

Sitework:

The proposed pools and decks in the rear comply with the guidelines.

Therefore, staff finds this application to comply with the guidelines for additions and alterations, new construction, and the ordinance for relocation.

APPLICATION

HARC MAJOR PROJECTS CERTIFICATE OF APPROPRIATENESS

\$400 NON-REFUNDABLE BASE APPLICATION FEE - OTHER FEES MAY BE APPLICABLE

ANGELA



NAME ON DEED:

ADDRESS OF PROPOSED PROJECT:

City of Key West

1300 WHITE STREET KEY WEST, FLORIDA 33040

REVISION #	INITIAL & DATE
ZONING DISTRICT	BLDG PERMIT #

PHONE NUMBER

A PRE-APPLICATION MEETING WITH HARC STAFF IS REQUIRED PRIOR TO SUBMITTAL

STREET

	ITEN LLC	719 - 793 - 2237
OWNER'S MAILING ADDRESS:	101 GULFVIEW DP.	MISCH1225 @ BMAL. COM
	ISLAMORADA, PL	
APPLICANT NAME:	WILL SHEPLER	PHONE NUMBER 305 - 890 - 6191
APPLICANT'S ADDRESS:	201 FRONT ST. , STE.	EMAIL
	KEY WEST, PZ 3304	* O
APPLICANT'S SIGNATURE:	Won	DATE 5/29/18
ANY PERSON THAT MAKES CH	IANGES TO AN APPROVED CERTIFICATE OFAP	PROPRIATENESS MUST SUBMIT A NEW APPLICATION.
FLORIDA STATUTE 837.06: WHOEVER KN	OWINGLY MAKES A FALSE STATEMENT IN WRITING AND	D 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 PER SECTION 775.082 OR 775.083.
		ED IN THE APPLICATION SHALL BE THE SCOPE OF WORK THAT IS
		AT SHOULD FURTHER ACTION BE TAKEN BY THE CITY FOR
		E IS CONFLICTING INFORMATION BETWEEN THE DESCRIPTION OF
WORK AND THE SUBMITTED PLANS, THE	AFOREMENTIONED DESCRIPTION OF WORK SHALL BE	CONTROLLING.
PRO JECT INCLUDES: DEDLACEM	ENT OF WINDOWS \ / DELOCATION OF A	STRUCTURE ELEVATION OF A STRUCTURE
		" (1987년 - 1987년 -
PROJECT INVOLVES A CONTRIBUT	ING STRUCTURE: YES NO INV	OLVES A HISTORIC STRUCTURE: YES V NO
PROJECT INVOLVES A STRUCTURE	THAT IS INDIVIDUALLY LISTED ON THE NATION	NAI REGISTER: YES NO.
	The state of the s	THE REGISTER. TES NO VE
DETAILED PROJECT DES	CRIPTION INCLUDING MATERIALS, HEIGHT, DIF	MENSIONS, SQUARE FOOTAGE, LOCATION, ETC.
		WITH \$44 S.F. ADDITION W/
CLERESTURY WIM	DUNS, MOVE ENIRE ST	TRUCTURE APRPOX, 17.5 TOWARD
GEORGIA STREET	E PAISE APPROX. 6"	** NEW 1/2 5 2024
WOOD FRAME	S.F.R. ON GAST SIDE	OF LOT AS PERRANS.
MAIN BUILDING:		
DEMOLITION (DI EASE EILL OUT AN	D ATTACH DEMOLITION ADDENDIVA	
DEMOLITION (PLEASE FILL OUT AN	D ATTACH DEMOLITION APPENDIX):	
		- pp Drawer of

APPLICATIONS MUST BE SUBMITTED IN PERSON WITH HARD COPIES BY 3PM ON THE SCHEDULED DEADLINE PLEASE SEND AN ELECTRONIC COPY OF ALL DOCUMENTS TO HARC@CITYOFKEYWEST-FL.GOV

ACCESSORY STRUCTURE	(S):			
PAVERS: APROX.	(00 5.F. OF	FENCES: HEW 6' HIGH WO	OD PENCE	
NEW PANGES AT ENTRANCE		AT SIDE & DEAR 4' HIGH		
DECKS: HEW DECKS AT REAR		PAINTING:		
SITE (INCLUDING GRADING	G, FILL, TREES, ETC):	POOLS (INCLUDING EQUIPMENT):		
		2 Pous uf EQUIP.		
ACCESSORY EQUIPMENT (GAS, A/C, VENTS, ETC.): OTHER:		OTHER:		
OFFICIAL USE ONLY:	THE COMMISSION REVIEW		XPIRES ON:	
MEETING DATE:	APPROVEDNOT APPROV	/EDDEFERRED FOR FUTURE CONSIDERATION	INITIAL:	
MEETING DATE:			INITIAL:	
MEETING DATE:			INITIAL:	
EASONS OR CONDITIONS:				
TAFF REVIEW COMMENTS:				
IRST READING FOR DEMO;		SECOND READING FOR DEMO:		
	E:			

THIS APPLICATION MAY BE REVIEWED BY PLANNING DEPARTMENT STAFF.

HARC Certificate of Appropriatness: Demolition Appendix



HARC COA #	INITIAL & DATE	
ZONING DISTRICT	BLDG PERMIT #	

VEST, FLOW	
ADDRESS OF PROPOSED PROJECT:	1300 ANGELA STREET
PROPERTY OWNER'S NAME:	PPKW LLC
APPLICANT NAME:	WILLIAM SHEPLER
Appropriateness, I realize that this proje	d and that the work shall conform to all applicable laws of this jurisdiction. By receiving a Certificate of ect will require a Building Permit approval PRIOR to proceeding with the work outlined above and that application. I also understand that any changes to an approved Certificate of Appropriateness must be
PROPERTY OWNER'S SIGNATURE	CO/7/19 DATE AND PRINT NAM
	DETAILED PROJECT DESCRIPTION OF DEMOLITION
PEMOVE 160 S.F	F. ATTACHED SHED AT PEAK OF PROPERTY.
REMOVE 216 S.F.	C.M.V. INFILLED FLORIDA ROOM ADDUTON
AT MAIN HUS	E TO BE REBUILT IN KIND AFTER HUSE
15 MULED.	
CRITERIA	A FOR DEMOLITION OF CONTRIBUTING OR HISTORIC STRUCTURES:
Before any Certificate of Appropriat must find that the following requirer	teness may be issued for a demolition request, the Historic Architectural Review Commission ments are met (please review and comment on each criterion that applies);
(1) If the subject of the application is a rrevocably compromised by extreme d	contributing or historic building or structure, then it should not be demolished unless its condition is deterioration or it does not meet any of the following criteria:
(a) The existing condition	of the building or structure is irrevocably compromised by extreme deterioration.
N/A	
(2) Or explain how the building or struc	cture meets the criteria below:
(a) Embodies no distinctive city and is not a significant	we characteristics of a type, period, or method of construction of aesthetic or historic significance in the at and distinguishable building entity whose components may lack individual distinction.

H/A
(i) Has not yielded, and is not likely to yield, information important in history.
HAS NOT.
CRITERIA FOR DEMOLITION OF NON-CONTRIBUTING OR NON-HISTORIC STRUCTURES:
The following criteria will also be reviewed by the Historic Architectural Review Commission for proposed demolitions. The Commission shall not issue a Certificate of Appropriateness that would result in the following conditions (please review and comment on each criterion that applies);
(1) Removing buildings or structures that are important in defining the overall historic character of a district or neighborhood so that the character is diminished.
(2) Removing historic buildings or structures and thus destroying the historic relationship between buildings or structures and open space.
(3) Removing an historic building or structure in a complex; or removing a building facade; or removing a significant later addition that is important in defining the historic character of a site or the surrounding district or neighborhood.
(4) Persoving buildings or structures that would otherwise qualify as contributing
(4) Removing buildings or structures that would otherwise qualify as contributing.

Nothing in this application is intended to alter the authority of the Building Official to condemn for demolition dangerous buildings,

(b) Is not sp	ecifically associated with events that have made a significant contribution to local, state, or national history
Ho	13 HOT-
(c) Has no s	ignificant character, interest, or value as part fo the development, heritage, or cultural characteristics of the on, and is not associated with the life of a person significant in the past.
H29	HONE
(d) Is not the	site of a historic event with significant effect upon society.
NOT	IT IS NOT.
(e) Does not	exemplify the cultural, political, economic, social, or historic heritage of the city.
Does	NOTE
(f) Does not	portray the environment in an era of history characterized by a distinctive architectural style.
DOES	HOT.
(g) If a part o	f or related to a square, park, or other distinctive area, nevertheless should not be developed or preserved a plan based on the area's historic, cultural, natural, or architectural motif.
H/A	

Nothing in this application is intended to alter the authority of the Building Official to condemn for demolition dangerous buildings,

PPKW LLC

6/18/18

RE: Demo and Relocation Plan 1300 Angela St, Key West 33040

The following is a methodology and relocation plan for the concrete home located at 1300 Angela St, Key West, Fl 33040. The basic idea to move the home is to demo and rebuild the portion of the home labeled "Florida room" on the existing floor plan. Also, permanently demo the area labeled "Attached Shed". This will allow us to move the home as a square box, ensuring a safer and simpler move. The home will then be lifted approx 18" from the ground and moved in one direction to the west approx 16'. A metal I-beam framework will be attached to the underside of the home. This framework will serve dual purposes. First it will allow us to use the metal frame as a rail system to slide the home. Secondly, the metal I-beams will remain in place after the house is in its final location and permanently become part of the homes foundation beams.

Move Details:

- 1. Cut house from existing foundation within 12" of ground level
- 2. Remove part of the interior floor to access underside of home
- 3. Attach metal plate bracing around perimeter of home to stabilize home during move and prevent cracking and racking.
- 4. Install metal framework to underside of home
- 5. Bore auger holes and install new concrete piers at new west side location of home.
- 6. Slide the home westward approx16' on casters using metal framework.
- 7. Set home on new concrete piers on west side of home.
- 8. Buildup and reinforce existing foundation to new home elevation
- 9. Cover new I-beam foundation with stucco to match existing siding of home

Kelly Perkins

From: WILLIAM SHEPLER <will@wshepler.com>

Sent: Monday, July 16, 2018 9:03 AM

To: Kelly Perkins

Subject: Re: 1300 Angela Street

Sure. It was a porch addition built separately from the main house. The floor of the porch / Florida room is a large concrete slab , impossible to move . The main house has wood floor joists , much easier to move. However we plan to rebuild the addition in the exact same form.

Will

Sent from my iPhone

> On Jul 16, 2018, at 2:54 PM, Kelly Perkins < kperkins@cityofkeywest-fl.gov> wrote:

>

> Hi Will,

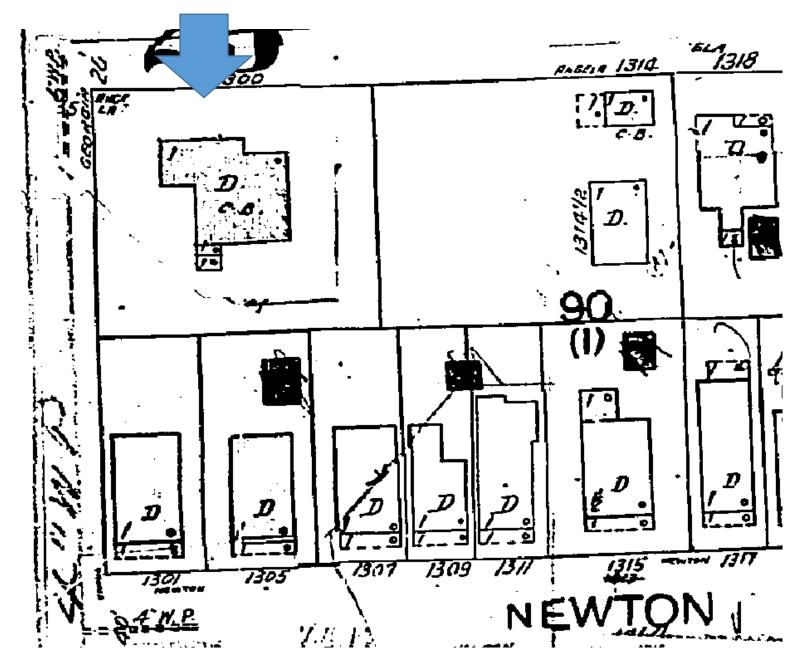
>

> I'm working on the staff report for 1300 Angela Street. I know you are proposing a portion of the building to be demolished - the part you're calling the Florida room - Enid says it's because it can't be moved. Do you mind expanding on that? There's nothing in the application, but I need an explanation as to why it can't be moved so I can put that in my staff report.

>

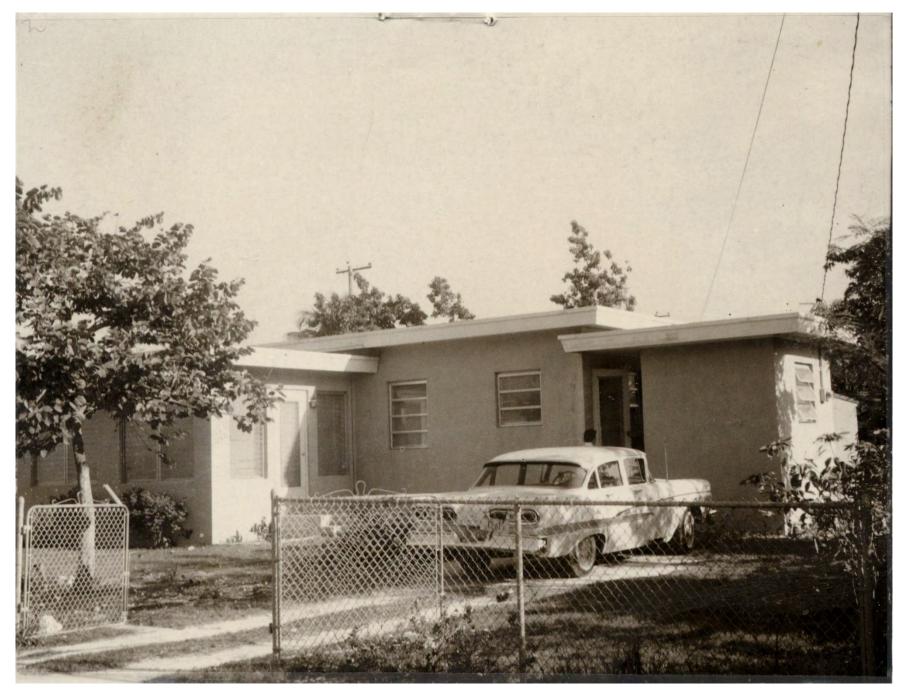
- > Thanks,
- > Kelly Perkins, HARC Assistant Planner
- > Planning Department, City of Key West
- > 1300 White Street, Rear Entrance
- > Key West, Florida 33040
- > P: 305.809.3975 | E: kperkins@cityofkeywest-fl.gov

>



1962 Sanborn Map

PROJECT PHOTOS



George Street Side of House. Property Appraiser's Photograph, c.1965. Monroe County Public Library.

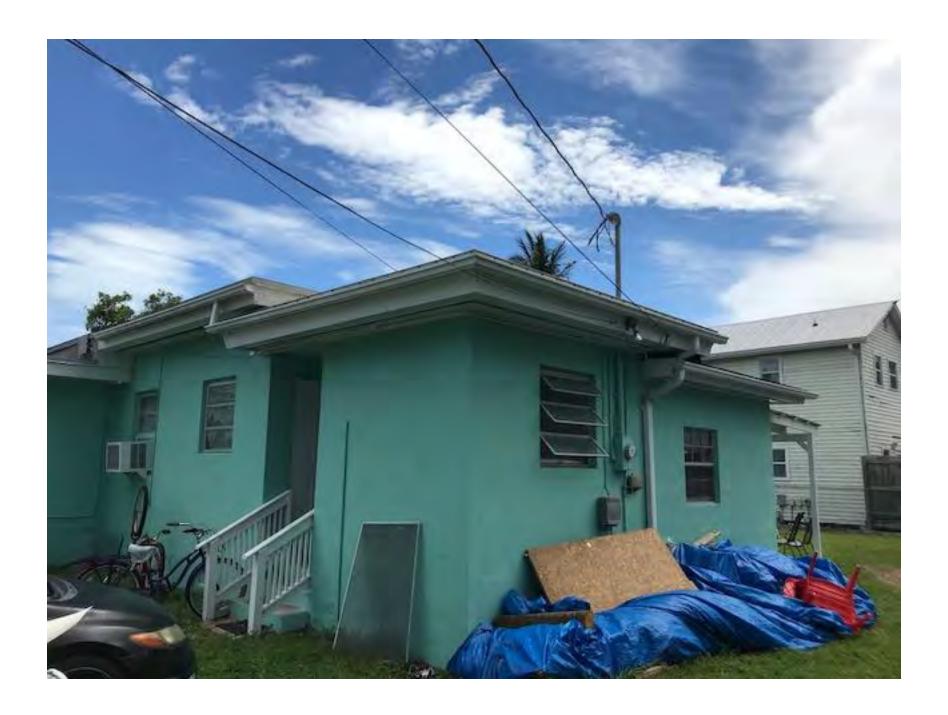
















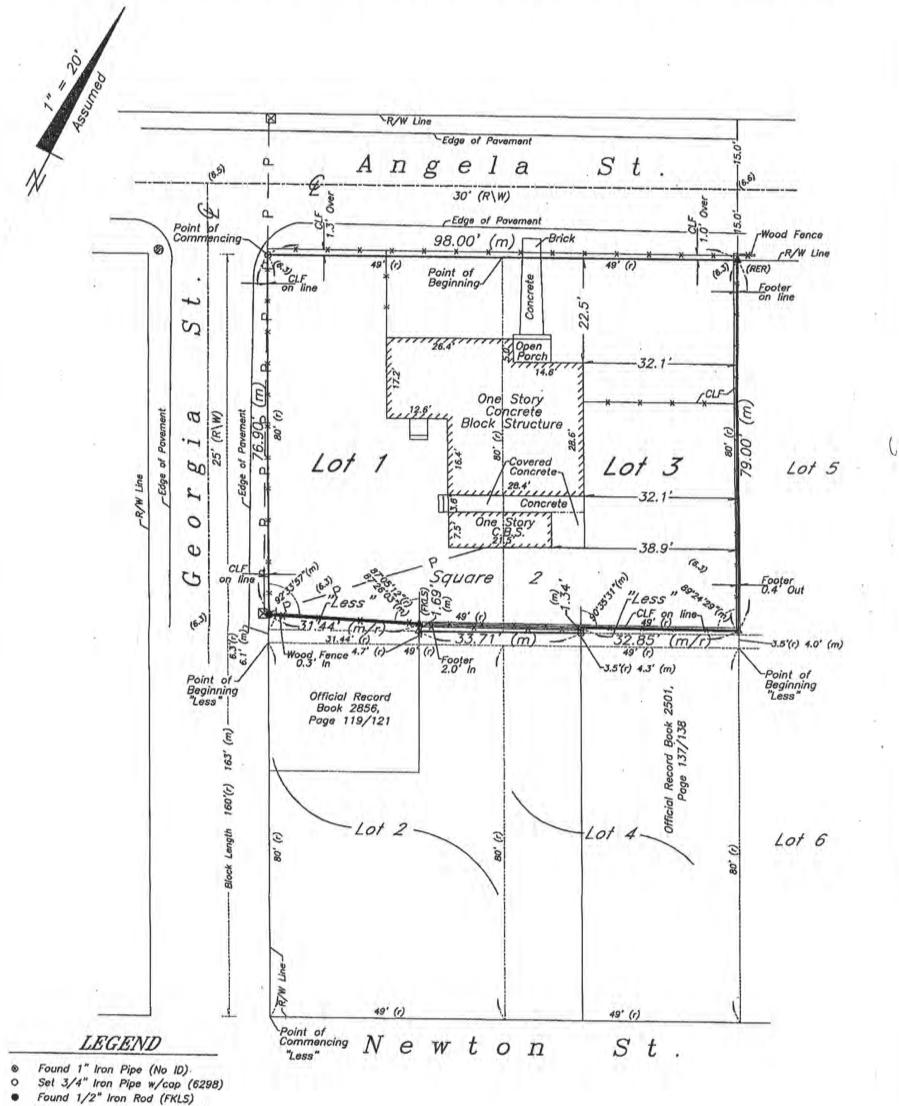








Boundary Survey Map of part of Lots 1 \$ 3 Square 2, JAMES A. WADDELL'S SUBDIVISION, Key West, FL



Found Nail & Disc (FKLS)(RER)

△ Set Noil & Disc (6298)

(M) Measured

(R) Record

(M/R) Measured & Record

C.B.S. Concrete Block Structure

R\W Right of Way

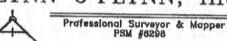
CLF Chain Link Fence

€ Centerline

Wood Utility Pole

-P- Overhead Utility Lines (5) Spot Elevation (Typical) NOTE: This Survey Map is not full and complete without the attached Survey Report. Sheet One of Two Sheets

J. LYNN O'FLYNN, Inc.

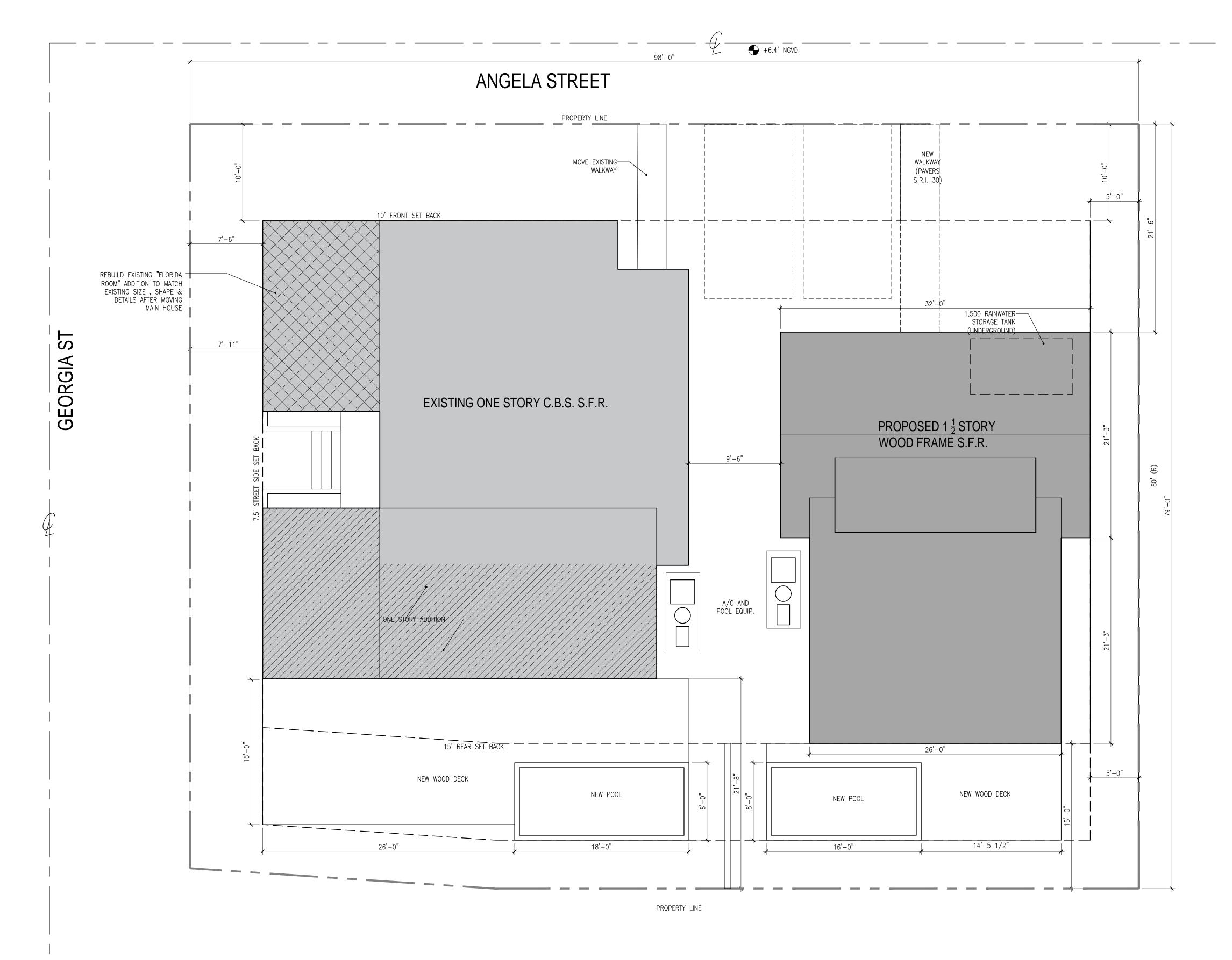


3430 Duck Ave., Key West, FL 33040 (305) 296-7422 FAX (305) 296-2244

PROPOSED DESIGN

ZONING CALCULATIONS

	ALLOWED	EXISTING	PROPOSED	COMPLIANCE
HEIGHT	30'	14'	23'-7"	Yes
BUILDING COVERAGE	0.4	1,613 s.f. (20.9%)	3,063 s.f. (39.8%)	Yes
IMPERVIOUS SURFACE RATIO	0.6	1,663s.f. (21.6%)	3,549 s.f. (46.3%)	Yes
LOT SIZE	Min. 4,000 s.f.	7,709 s.f.	N/A	N/A
LOT WIDTH	Min. 40'	98'	N/A	N/A
LOT DEPTH	Min. 90'	79'*	N/A	N/A
FRONT SETBACK	Min. 10'	16'	10'	Yes
SIDE SETBACK (EAST)	Min. 5'	30'-7"	5'	Yes
STREET SIDE SETBACK (WEST)	Min. 7.5'	23'-5"	7.5'	Yes
REAR SETBACK	Min. 15'	16'-4"	15'	Yes
OPEN SPACE	Min. 35%	6.046 s.f. (78.4%)	4,160 s.f. (53%)	Yes
*Existing Non-Conforming Condition				



1 PROPOSED SITE PLAN

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

william shepler & associates

architecture

201 Front Street, Suite 203
Key West, FL 33040

Tel: 305-735-3131
Email: info@wshepler.com

Seal:

Consultants:

Submissions / Revisions:

B.P.A.S. SUBMISSION: 11.2.17

REVISION 1: 11.15.17

REVISION 2: 1.7.18

H.A.R.C.: 5.29.18

H.A.R.C. REV 1: 6.22.18

STREET

ANGELA STR KEY WEST, FL

1300a ANGI

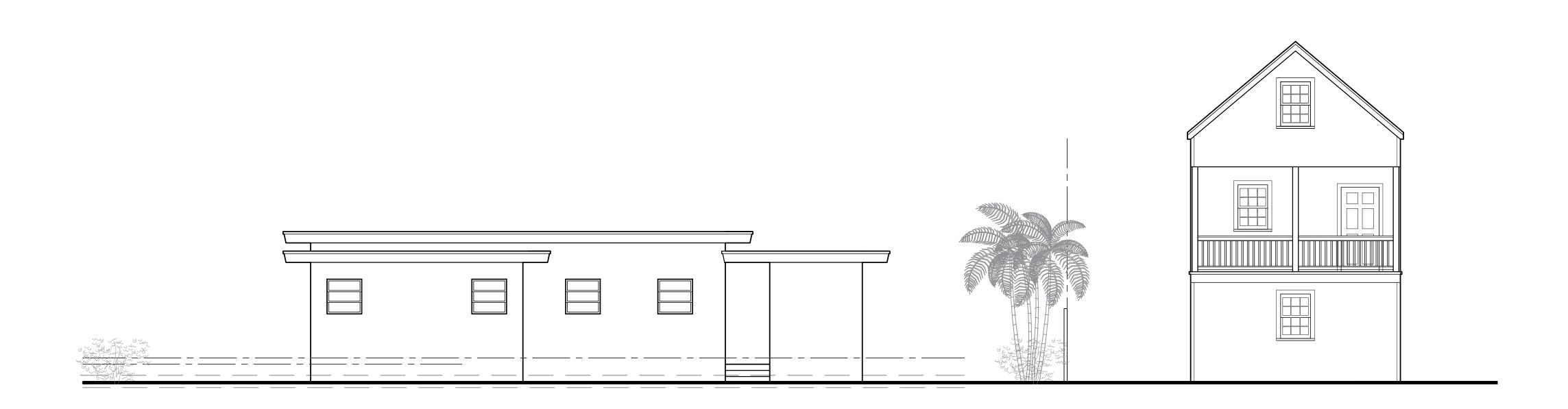
Drawing Size | Project #: 24x36 | 17037

PROPOSED

SITE PLAN

Sheet Number:

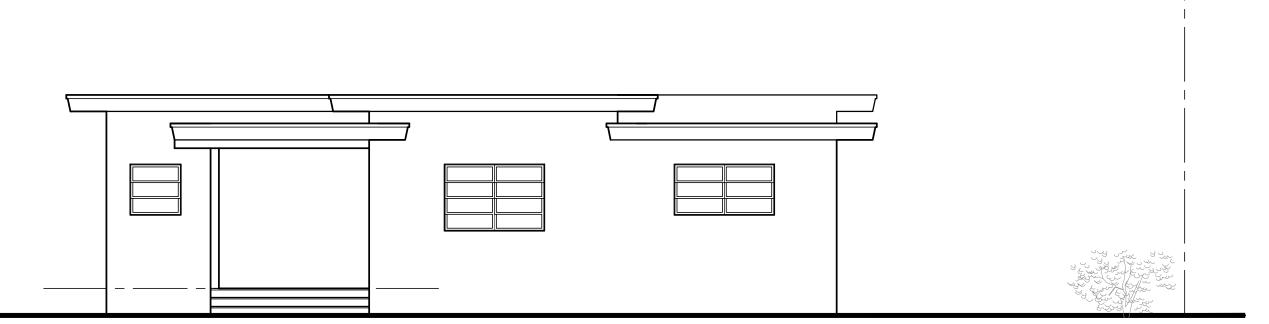
©2017 by William Shepler Architect



GEORGIA STREET - EXISTING STREETSCAPE

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





ANGELA STREET - EXISTING STREETSCAPE
1.2 SCALE: 3/16"=1'-0"

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architecture

201 Front Street, Suite 203
Key West, FL 33040

Tel: 305-735-3131
Email: info@wshepler.com

Seal:

Consultants:

Submissions / Revisions:
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REVISION 1: 11.15.17
REVISION 2: 1.7.18
H.A.R.C.: 5.29.18

ANGELA STREET
KEY WEST, FL
EMODEL / ADDITION

Drawing Size | Project #: 17037

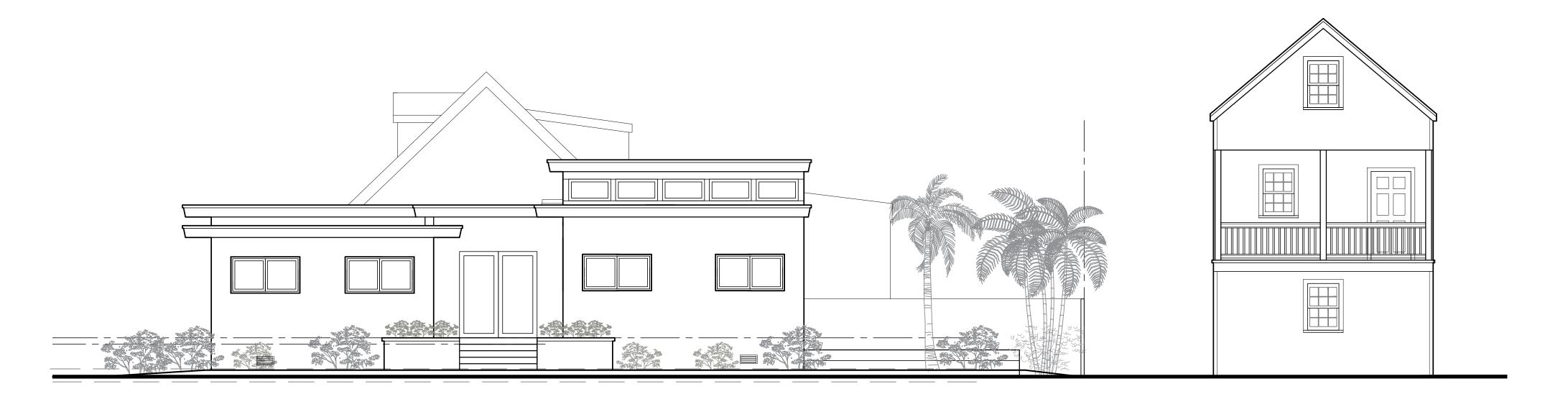
1300a

Title

EXISTING STREET-SCAPES

Sheet Number:
A-1.2

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2 A1.3

GEORGIA STREET - PROPOSED STREETSCAPE

1.3 SCALE: 3/16"=1'-0"



ANGELA STREET - PROPOSED STREETSCAPE

| Al. 3 | SCALE: 3/16"=1'-0"

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H.A.R.C.: 5.29.18

H.A.R.C. REV 1: 6.22.18

1300a ANGELA STREET

KEY WEST, FL

REMODEL / ADDITION

Drawing Size | Project #: 17037

Title

PROPOSED STREET-SCAPES

A-1.3

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H.A.R.C.: 5.29.18

H.A.R.C. REV 1: 6.21.18

ANGELA STREET
KEY WEST, FL

Drawing Size | Project #: 24x36 | 17037

1300a

EXISTING FLOOR/ SITE/ DEMO PLAN

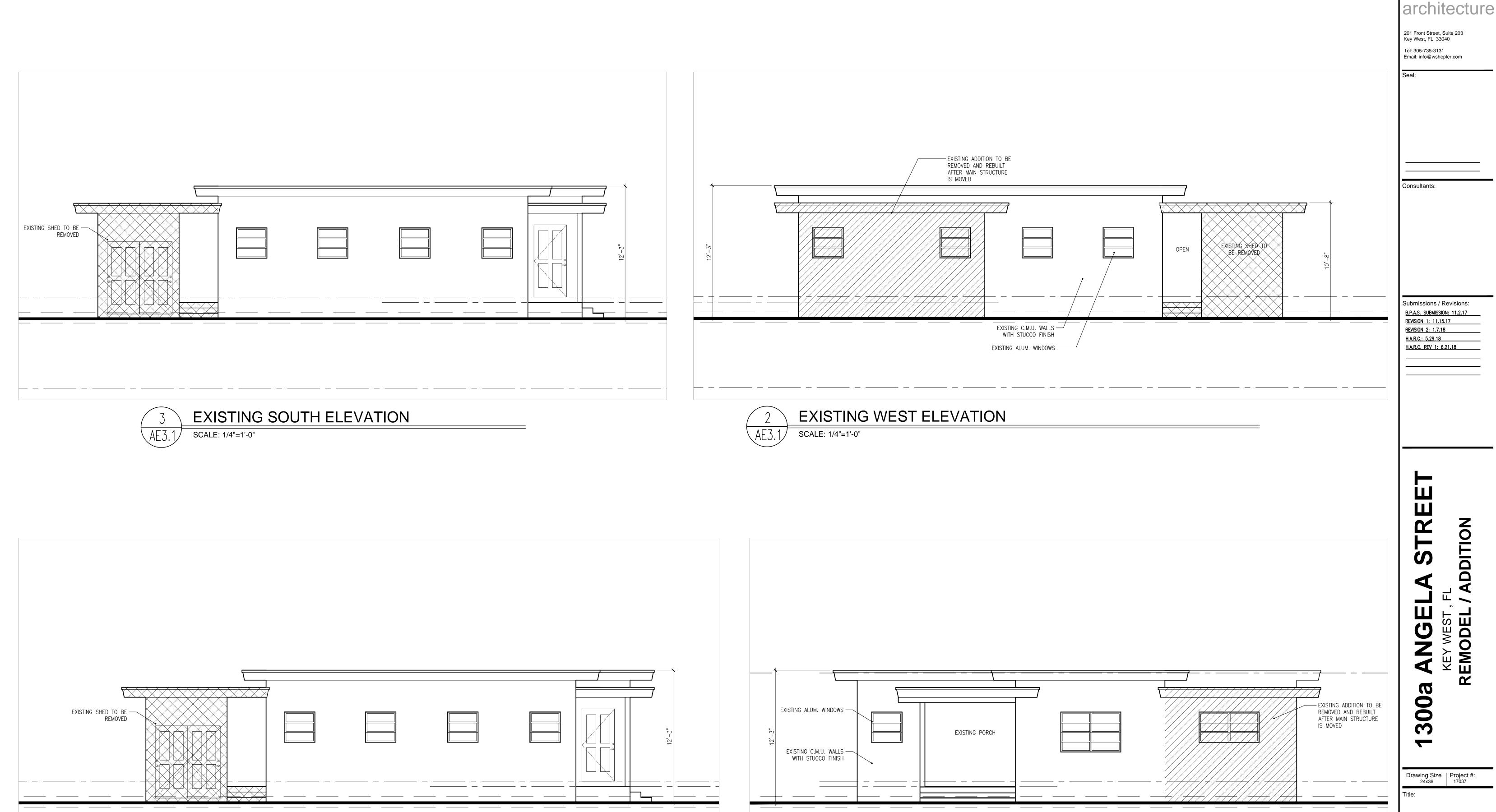
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AE2.1

Date: - MAY 29, 2018

EXISTING FIRST FLOOR/ SITE/ DEMO PLAN

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



EXISTING NORTH ELEVATION

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

EAST ELEVATION

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

Consultants: Submissions / Revisions: B.P.A.S. SUBMISSION: 11.2.17 REVISION 2: 1.7.18 H.A.R.C.: 5.29.18 H.A.R.C. REV 1: 6.21.18 KEY WEST,

william shepler & associates

Date: - MAY 29, 2018

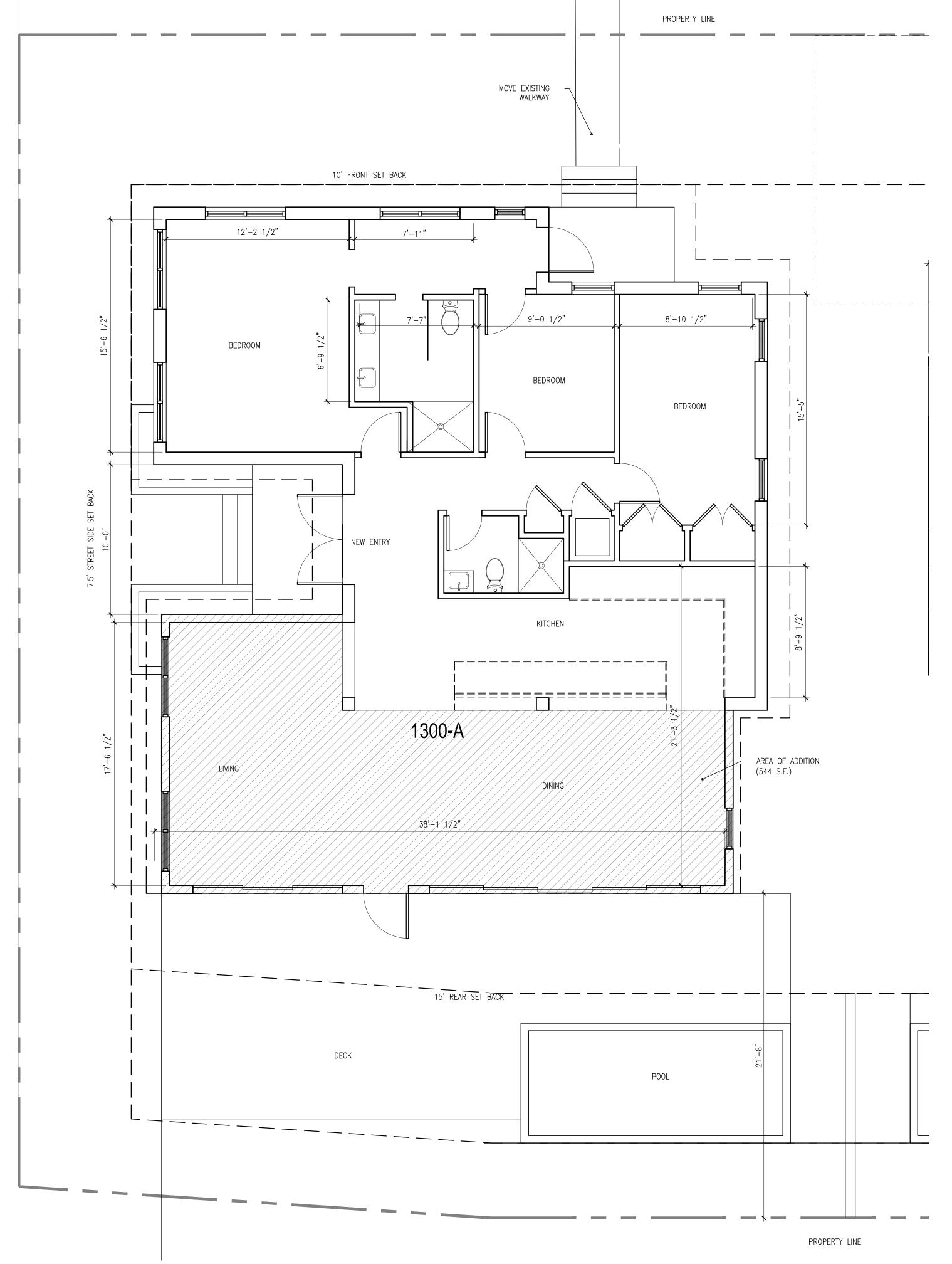
EXISTING

ELEVATIONS

AE3.1

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GEORGIA



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Consultants:

Submissions / Revisions: B.P.A.S. SUBMISSION: 11.2.17 REVISION 1: 11.15.17 REVISION 2: 1.7.18 H.A.R.C.: 5.29.18

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KEY WEST, I

REMODEL /

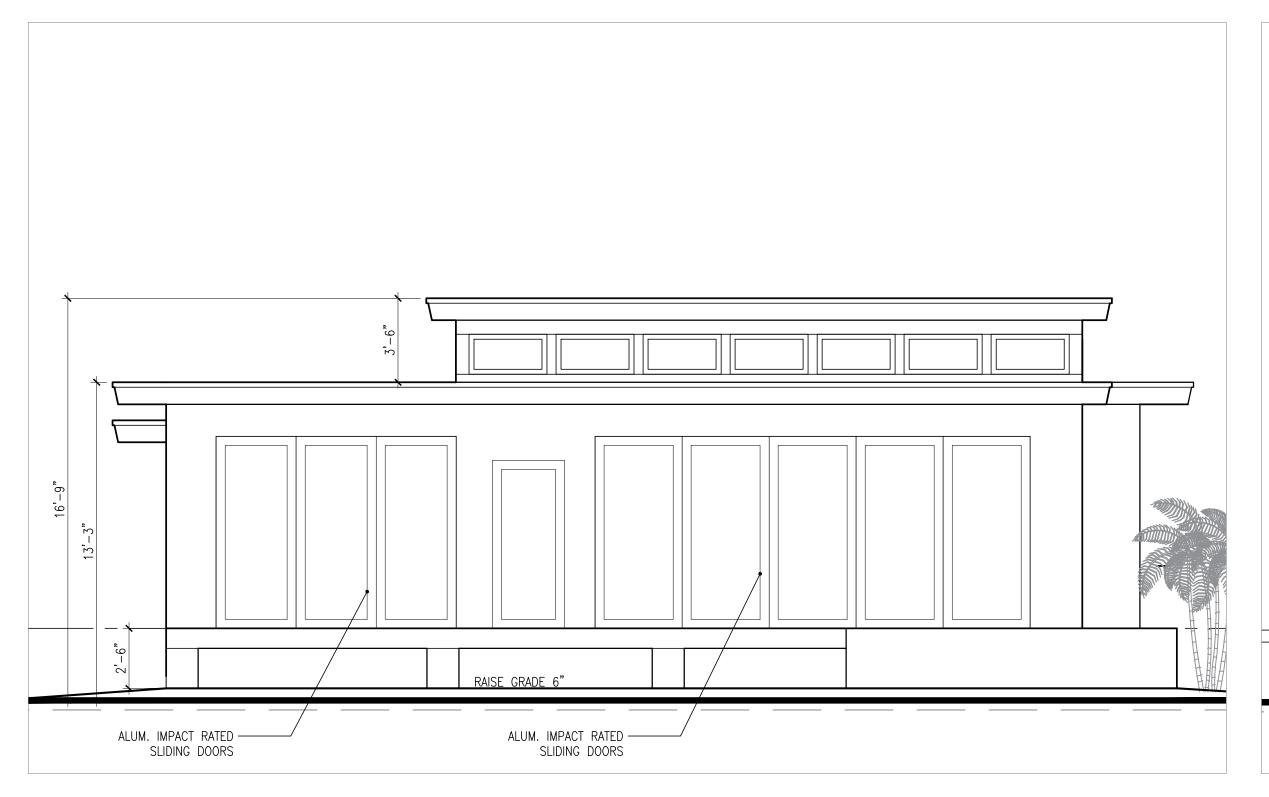
1300a

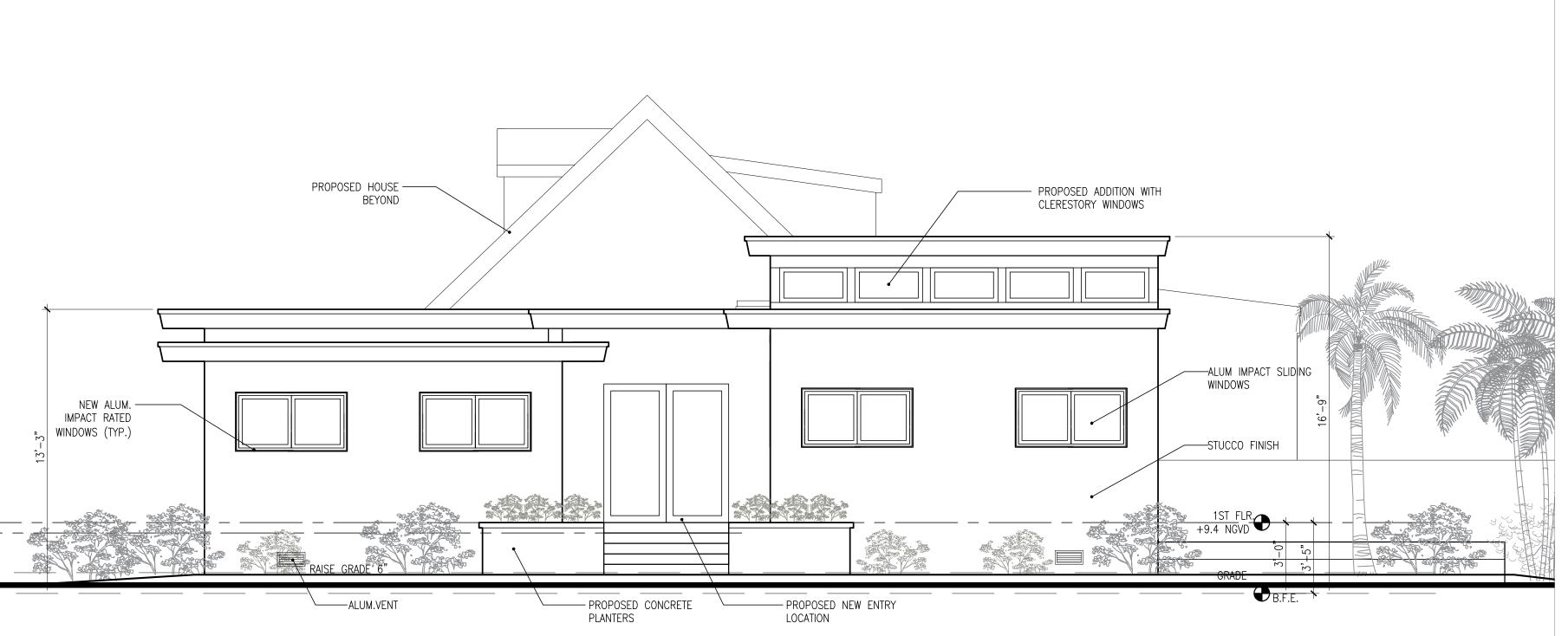
Drawing Size | Project #: 17037

PROPOSED FLOOR PLAN

Date: - MAY 29, 2018

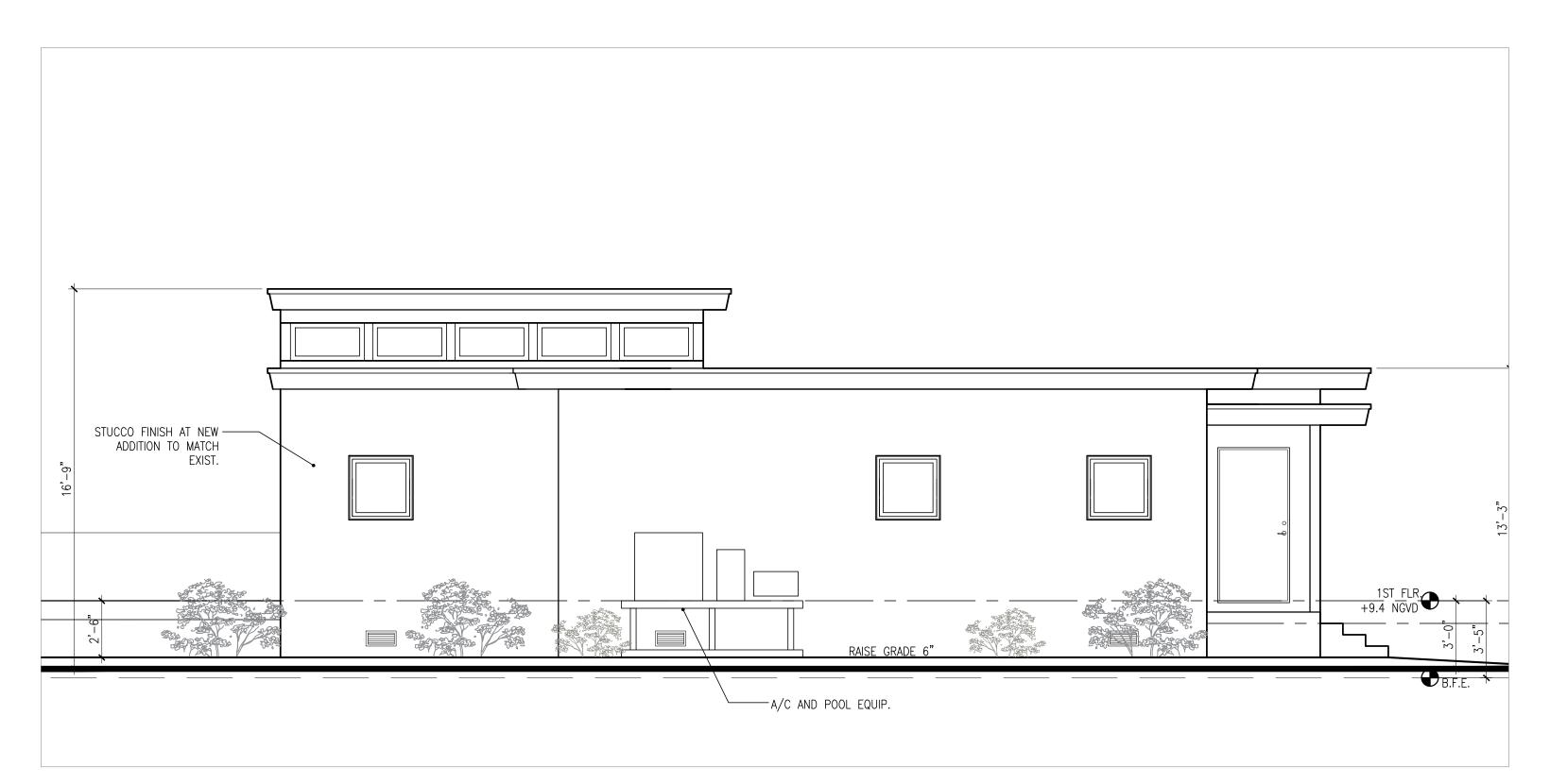
PROPOSED FIRST FLOOR PLAN SCALE: 1/4"=1'-0"

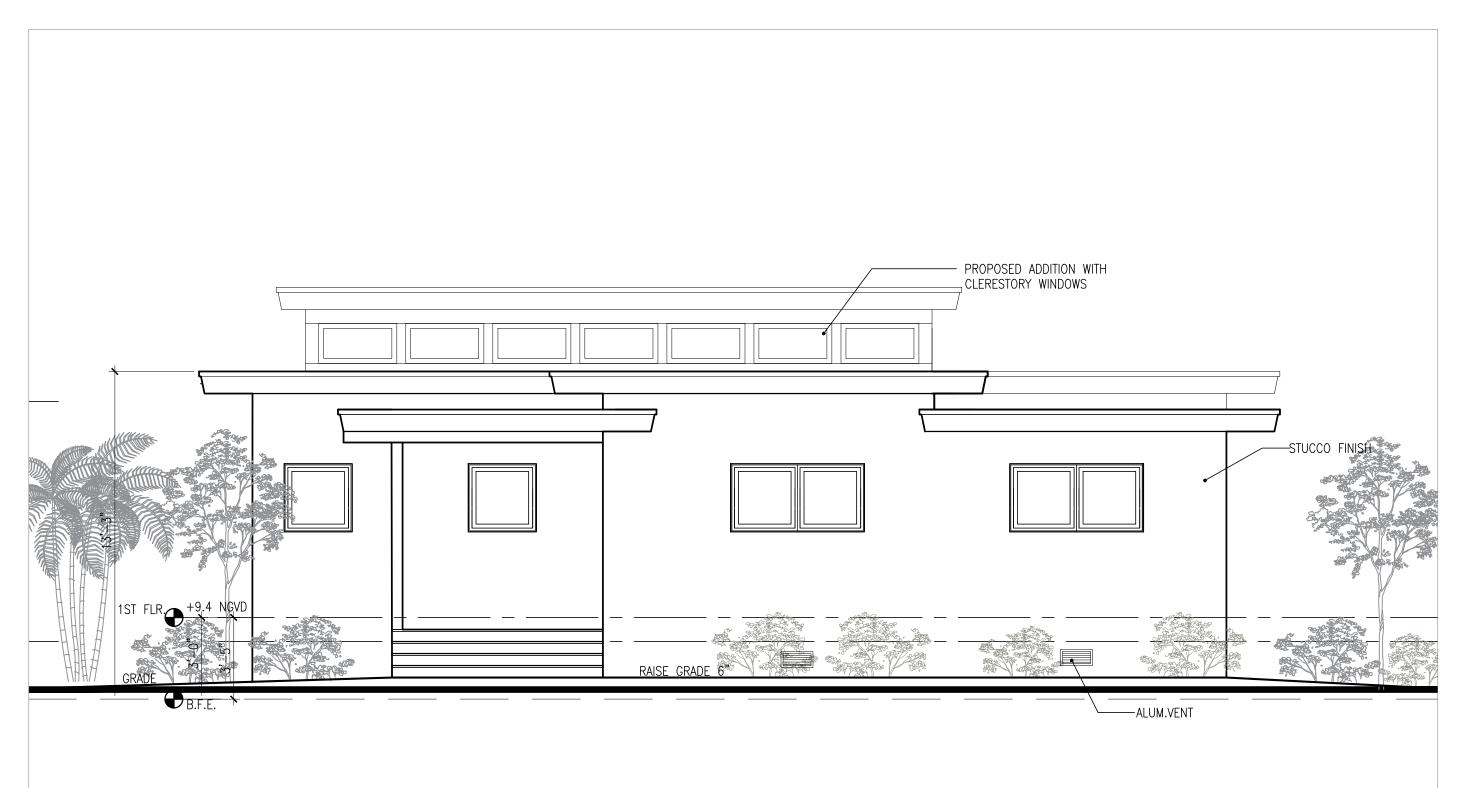




SOUTH ELEVATION A3.1 SCALE: 1/4"=1'-0"

WEST ELEVATION A3.1 SCALE: 1/4"=1'-0"





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

NORTH ELEVATION

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

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Submissions / Revisions: B.P.A.S. SUBMISSION: 11.2.17 REVISION 1: 11.15.17 REVISION 2: 1.7.18

H.A.R.C.: 5.29.18 H.A.R.C. REV 1: 6.22.18

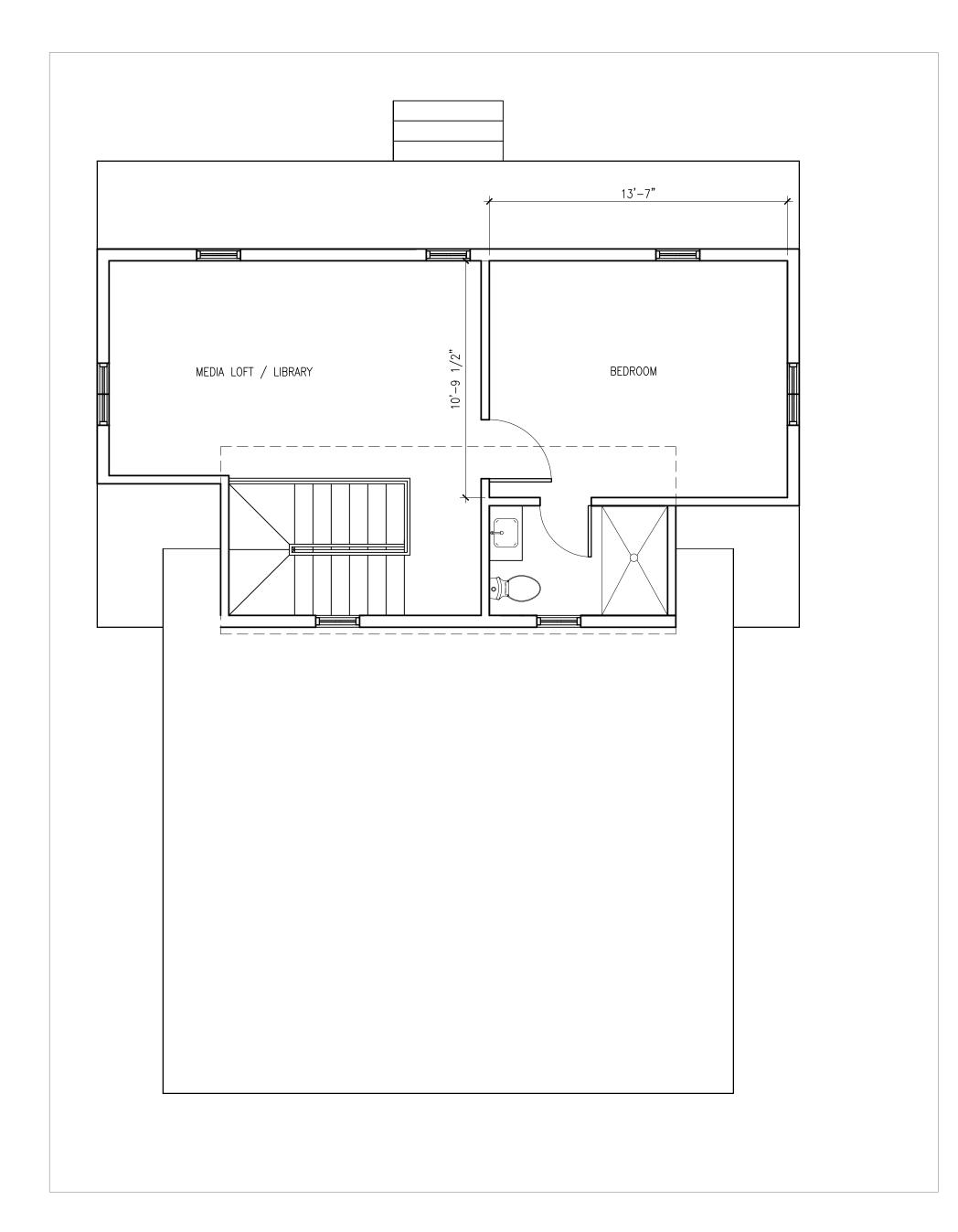
STREET **ADDITION** KEY WEST, REMODEL 1300a

Drawing Size | Project #: 17037

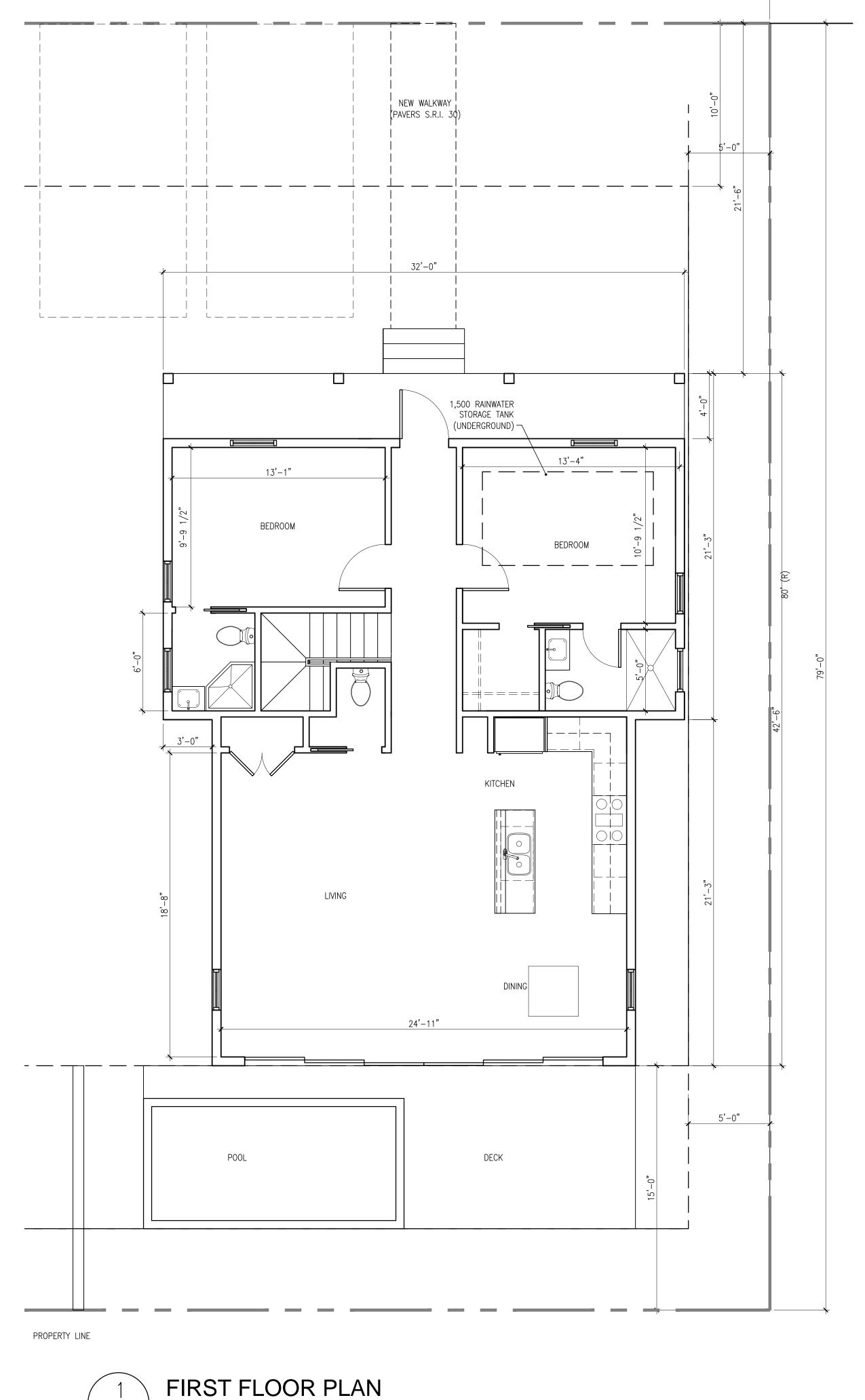
PROPOSED ELEVATIONS

A3.1-A

Date: - MAY 29, 2018 ©2017 by William Shepler Architect



2 SECOND FLOOR PLAN
A2.1 SCALE: 1/4"=1'-0"



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architecture

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Key West, FL 33040

Seal:

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H.A.R.C.: 5.29.18

ANGELA STREET

KEY WEST, FL

IGLE FAMILY RESIDENCE

Drawing Size | Project #:

1300b

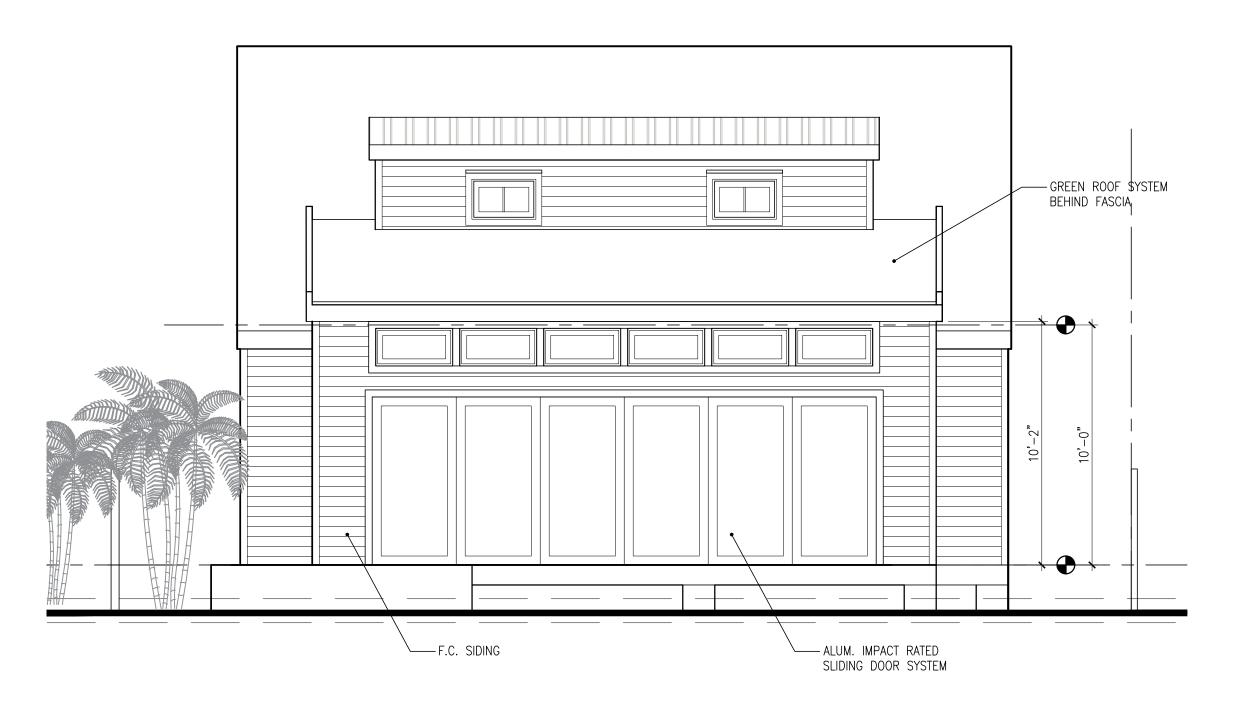
Title

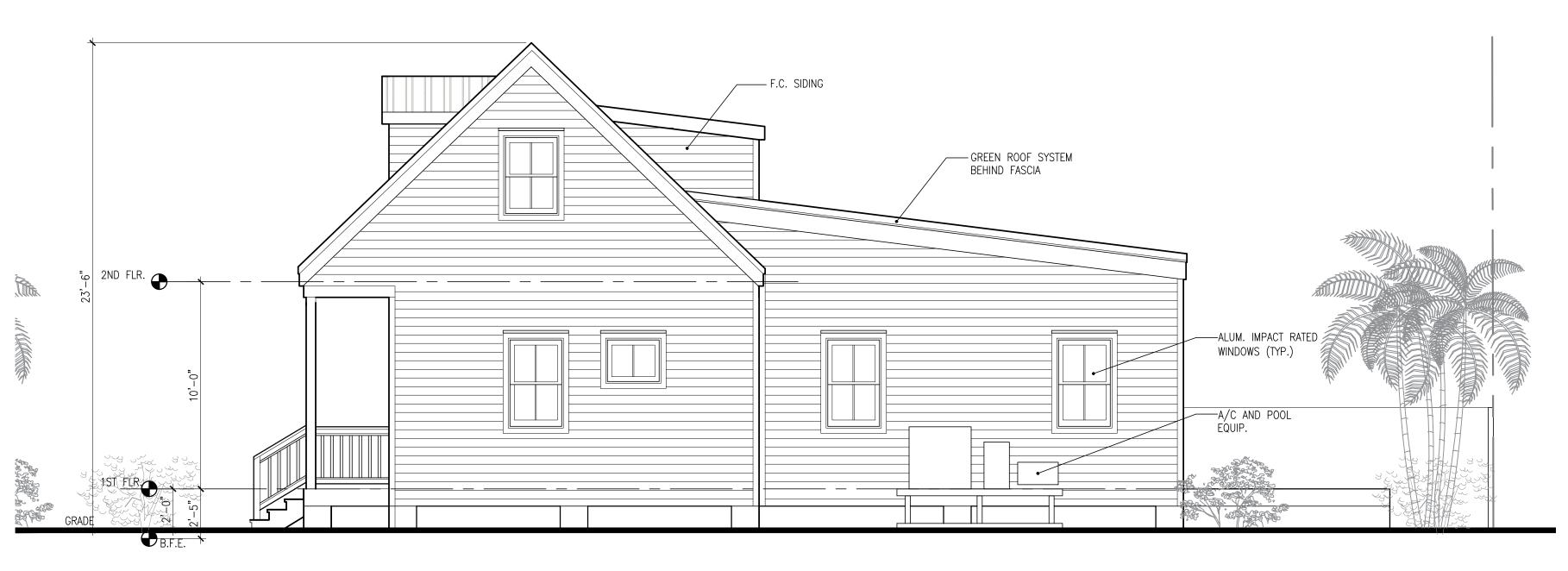
SITE PLAN/ FLOOR PLANS

Sheet Number:

A2.1-B

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

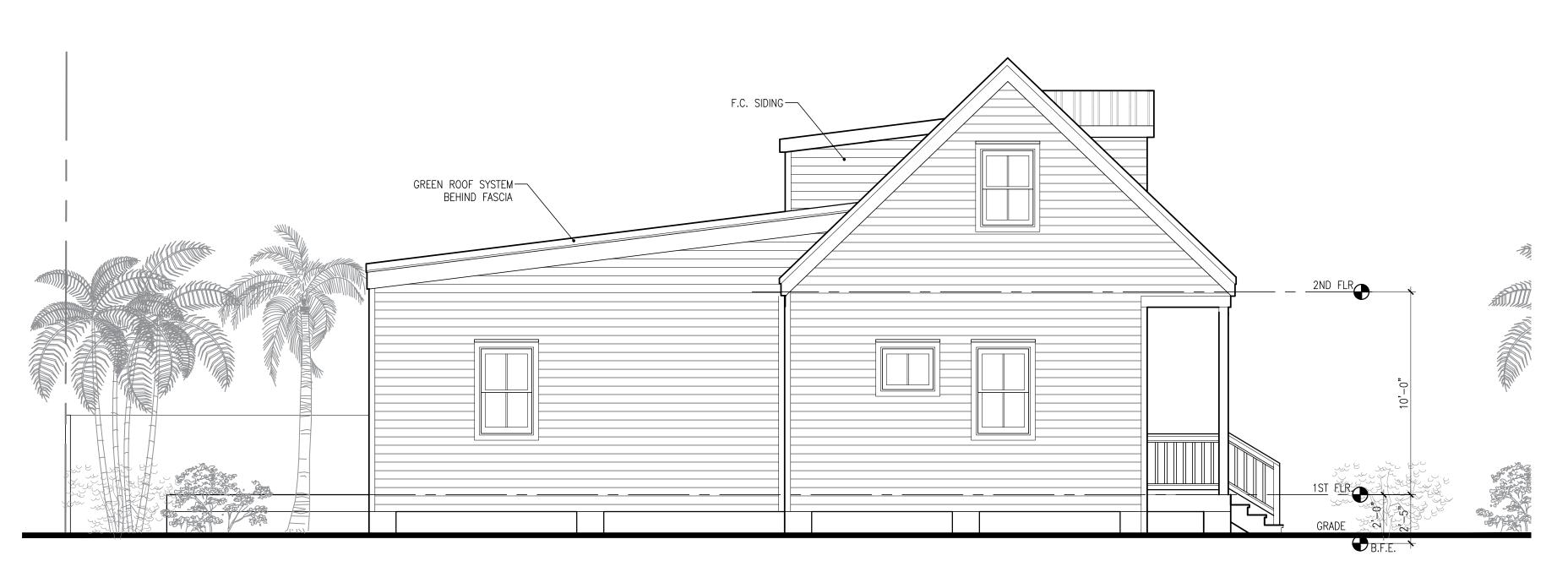




A3.1 SCALE: 1/4"=1'-0"

SOUTH ELEVATION

WEST ELEVATION A3.1 SCALE: 1/4"=1'-0"





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

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

william shepler & associates architecture 201 Front Street, Suite 203 Key West, FL 33040 Tel: 305-735-3131 Email: info@wshepler.com

Consultants:

Submissions / Revisions: B.P.A.S. SUBMISSION: 11.2.17 REVISION 1: 11.15.17 REVISION 2: 1.7.18 H.A.R.C.: 5.29.18

RESIDENCE

Drawing Size | Project #: 17037-B

NEW

1300b

ELEVATIONS

Sheet Number:

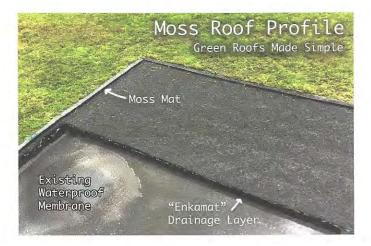
Date: - MAY 22, 2018

MISCELLANEOUS INFORMATION

Home (https://store.mossacres.com/) > Roofs, Walls (https://store.mossacres.com/category_s/1897.htm) > Moss Roofs (https://store.mossacres.com/category_s/1957.htm)

Moss Mat Green Roof Systems

Moss Acres has now furnished moss for several green rof projects. These have been successfully installed utilizing a variety of different methods, however moving forward we are focused on utilizing our pre-grown moss mat system atop a drainage/water storage layer combined with a soaker hose(s) as desired. Please call us at 866 GET MOSS or by email at info@mossacres.com to discuss your project in detail.



The benefits of using moss for green roofs are numerous:

1) <u>Lightweight</u> - Ideal for green roofs on buildings with load bearing constraints



- 2) <u>Lower Cost</u> Moss mats are shipped dry and are very easy to transport, handle, and install. The material, labor and staging expense savings can be significant.
- 3) <u>Low Maintenance</u> Moss requires no fertilization, pesticides or even watering to survive. Moss has no roots and receives all nutrients and moisture through it's leaves from rainfall.



4) <u>Water Retention & Insulating Properties</u> - Green roof systems comprised of moss mats and a water retention underlayment combine for significant

storm water holding capacity, protect the roofing membrane, and provide significant insulating capabilities.

- 5) <u>Versatile: Sun or Shade</u> Various species of moss are available on our mats for most any type of living roof location from full sun to full shade.
- 6) <u>Appearance</u> The vibrant shades of green produced by moss make it an ideal choice for any green roof design.

If you are considering a specialized green roof system that could benefit from all the advantages that a moss covered green roof has to offer, then please call us at 866 GET MOSS or email us (mailto:info@mossacres.com) your project details, photos/plans and, or any questions. We can then provide you with an estimate for your project.

ADIRONDACK FIREPLACE HOUSE



In 2015 another moss covered green roof was incorporated into the green roof design for a granite "fireplace house" along the banks of crystal clear Adirondack Mountain lake. The project was collaborated on with green roof specifiers Roof Meadow (http://roofmeadow.com/) and was installed by Recover Green Roofs (http://www.recovergreenroofs.com/). For this green roof system the Watergrip water retention system was utilized beneath sheets and clumps of various shade loving mosses and ferns. Transplant netting is barely visible, and was also installed atop the moss.

HOBBIT HOUSE GREEN ROOF



Also in 2015 a wedding and events venue in New Hope, PA - "Holly Hedge" (http://www.hollyhedge.com/) installed a moss living roof on a small children's cottage made of cordwood. The moss was laid directly over synthetic felt capillary mats and Enka Drain Retain & Drain drainage mat. The waterproofing for the green roof is EPDM rubber. There is a drip line at the peak set on a timer. Transplant netting was used to protect the moss from birds that might try to flip the moss over in search of bugs or worms, and to keep the moss from blowing off until it has time to knit to the mats. The sheet mosses are flourishing on this living roof installation.

ANOTHER TECHNIQUE



Between 2008 and 2011 Moss Acres conducted several experiments with moss on a wide range of green roofing soil mediums and on several flat, shady area roofs. The results have been very favorable. We have found that by shredding various varieties of sheet mosses and rock cap (broom) moss and broadcasting these fragments over the expanded green roof aggregate, we have been able to establish moss that not only knits together quickly, but also grows into and amongst the aggregate, locking the moss to the roof.

The keys to success have been keeping the moss fragments moist (gel powder is first lightly raked into the roofing aggregate and mister systems are used the first few months), choosing a relatively shaded location, and utilizing a relatively high coverage rate of 65% - 85%.

Hypnum moss fragments knit to roofing soilMoss has many advantages for green roofs:

- Requires less roofing soil medium only 1.5" deep or so
- Retains 10 x its weight in water
- Thrives in shade produced by building shadows
- Drought tolerant once established
- Rapid growth rate 6 12 months for full coverage



Building on our success with the moss covered spring house roof, Moss Acres began providing moss for additional green roof projects in early 2010.

The first was a shaded section on a flat roof at the Russel Wright Design Center in Garrison, New York. Michael Franco, Landscape Architect for Town and Gardens, Ltd., designed the roof and specified a mix of hypnum and rock cap mosses for the shaded section, and sedum for the section with more sun exposure. The moss roof was installed over a Kemper membrane with a drainage/retention layer by Drainage Products, Inc., and extensive green roof growing medium by Sky Garden.View images of this project. (http://www.mossacres.com/green-roof-project-01.asp)



The next project was at the residence of none other than Dave Benner, moss pioneer and father of Moss Acres owner, Al Benner. (photo shows moss 18 months after "inoculation") This roof, over a section of the house measuring 550 square feet, has a 10° pitch and is well shaded under a large beech tree. Five years earlier, the roof had been covered with an EPDM rubber roof. For this installation, the entire section was covered with a Colbond Enkadrain "retain and drain" mat system, a Rooflite® extensive growing medium, and a mix of pre-shredded hypnum and rock cap mosses that were applied to achieve a 75% coverage rate. Prior to spreading the moss, which was done by hand, a water-retention gel was raked into the growing medium. Special thanks for on-site support to Charlie Miller and his team from Roofscapes in Philadelphia, PA. Check out the excellent web presentation for this project by our friends at RooftopGardens.com (http://rooftopgarden.com/category/moss/)

Another green roof application involving Moss Acres was at the College of Human Ecology at Cornell University were four pre-planted rooftop boxes were custom planted and then delivered to the University.

10/26/2011 13:21

We also believe the new moss mats may have some applications for green roofs and are anxious to experiment with them. We envision thin stainless steel cables stretched over and across for securing mats to roof. We are also having good success with sun loving mosses for mats and green roofs and are exploring propagation. Please contact us at info@mossacres.com (mailto:info@mossacres.com) for updates on these exciting new products.



Click to order pre-shredded Leavenasgessage

The Historic Architectural Review Commission will hold a public meeting at 5:30 p.m., July 24, 2018 at City Hall, 1300 White Street, Key West, Florida. The purpose of the hearing will be to consider a request for:

NEW ONE AND A HALF-STORY FRAME HOUSE. RELOCATION OF EXISTING CBS HOUSE AND RAISE IT APPROXIMATELY ONE FOOT. NEW REAR ADDITION AND RECONSTRUCTION OF SIDE ADDITION. TWO NEW POOLS, DRIVEWAYS, AND SITE WORK. DEMOLITION OF SIDE AND REAR.

#1300 ANGELA STREET

Applicant – William Shepler, Architects Application #18-03-0031

If you wish to see the application or have any questions, you may visit the Planning Department during regular office hours at 1300 White Street, call 305-809-3973 or visit our website at www.cityofkeywest-fl.gov.

THIS NOTICE CAN NOT BE REMOVED FROM THE SITE UNTIL HARC FINAL DETERMINATION

ADA ASSISTANCE: It is the policy of the City of Key West to comply with all requirements of the Americans with Disabilities Act (ADA). Please call the TTY number at 800-955-8771 or 800-955-8770 (Voice) or the ADA Coordinator at 305-809-3811 at least five business days in advance for sign language interpreters, assistive listening devices, or materials in accessible format.

HARC POSTING AFFIDAVIT

COUNTY OF MONROE:		
BEFORE ME, the undersigned author	ority personally appeared	John Tather
	, who, first be	ing duly sworn, on
oath, depose and says that the followest of his/her knowledge and belief:	owing statements are tru	e and correct to the
1. That a legal notice for Public	Notice of Hearing of the	Historic Architectural
Review Commission (HARC) wa	s placed on the following,	address:
the 10 day of July	ela st icey west	+L 33040 on
the Ody of Odia	, 20_18	
This legal notice(s) contained a	n area of at least 8.5"x11	".
The property was posted to r Historia Architectural Rev	riew sommission to , 20	
The legal notice(s) is/are clearly property.	y visible from the public s	treet adjacent to the
The Certificate of Appropria	iteness number for th	is legal notice is
2. A photograph of that legal notice	ce nosted in the property	is attached horoto
2. A photograph of that legal hote	se posted in the property	is attached hereto.
Si .	igned Name of Affiant:	
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Sign Name:		JO BENNETT Commission # FF 222256
Print Name: Notary Public - State of Flo	orida (seal)	Excres May 26, 2019
My Commission Expires:	7.39.5	MI ACTION OF A PARTY OF THE PROPERTY OF

PROPERTY APPRAISER INFORMATION



Disclaimer

The Monroe County Property Appraiser's office maintains data on property within the County solely for the purpose of fulfilling its responsibility to secure a just valuation for ad valorem tax purposes of all property within the County. The Monroe County Property Appraiser's office cannot guarantee its accuracy for any other purpose. Likewise, data provided regarding one tax year may not be applicable in prior or subsequent years. By requesting such data, you hereby understand and agree that the data is intended for ad valorem tax purposes only and should not be relied on for any other purpose.

By continuing into this site you assert that you have read and agree to the above statement.

Summary

Parcel ID 00022600-000000 1023396 Account # Property ID 1023396

10KW Millage Group Location

Address

1300 ANGELA St, KEY WEST

Legal

KW WADDELLS SUBDIVISION PB1-28 PT LOTS 1 AND 3 SQR 2 TR 7 SS-385 PP-525 (BOOK OF WILLS 3-A5 ALBURY J L) C-191/92 OR53-435/36 Description

OR1353-1615D/C OR1636-2004/05ORD OR2855-2300/01

OR2890-870/72

(Note: Not to be used on legal documents)

Neighborhood

SINGLE FAMILY RESID (0100) **Property Class**

Subdivision

Sec/Twp/Rng 05/68/25 Affordable No

Housing



Owner

PP KW LLC 101 Gulfview Dr Islamorada FL 33036

Valuation

	2017	2016	2015	2014
+ Market Improvement Value	\$114,153	\$97,048	\$101,169	\$93,839
+ Market Misc Value	\$1,371	\$1,371	\$1,192	\$1,081
+ Market Land Value	\$712,767	\$786,220	\$624,498	\$423,673
= Just Market Value	\$828,291	\$884,639	\$726,859	\$518,593
= Total Assessed Value	\$828,291	\$627,497	\$570,452	\$518,593
- School Exempt Value	(\$828,291)	(\$884,639)	(\$726,859)	(\$518,593)
= School Taxable Value	\$0	\$0	\$0	\$0

Land

Land Use	Number of Units	Unit Type	Frontage	Depth
RESIDENTIAL DRY (010D)	7.552.10	Square Foot	0	0

Buildings

Building ID 1728 **Exterior Walls** C.B.S. GROUND LEVEL Year Built 1953 Style **Building Type** S.F.R. - R1/R1 EffectiveYearBuilt 1975 Gross Sq Ft 1288 Foundation **CONCRETE SLAB** Finished Sq Ft 1086 Roof Type FLAT OR SHED Roof Coverage Stories 1 Floor TAR & GRAVEL Flooring Type Condition AVERAGE CONC ABOVE GRD Heating Type NONE with 0% NONE Perimeter 148 Functional Obs 0 **Bedrooms** 3 Economic Obs 0 **Full Bathrooms** Depreciation % **Half Bathrooms** Interior Walls WALL BD/WD WAL 400 Grade Number of Fire Pl

Code	Description	Sketch Area	Finished Area	Perimeter
FLA	FLOOR LIV AREA	1,086	1,086	0
OPF	OP PRCH FIN LL	76	0	0
SBF	UTIL FIN BLK	126	0	0
TOTAL		1 288	1.086	0

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Yard Items

Description	Year Built	Roll Year	Quantity	Units	Grade
CH LINK FENCE	1964	1965	1	1544 SF	1

Sales

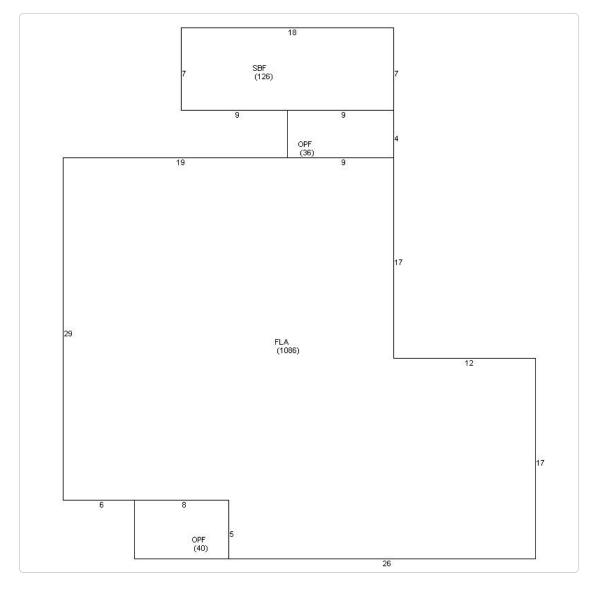
Sale Date	Sale Price	Instrument	Instrument Number	Deed Book	Deed Page	Sale Qualification	Vacant or Improved
2/2/2018	\$710,000	Warranty Deed	2153928	2890	870	01 - Qualified	Improved
5/22/2017	\$100	Quit Claim Deed	2124371	2855	2300	30 - Unqualified	Improved

Permits

Number ♦	Date Issued ♦	Date Completed 🕏	Amount ♦	Permit Type 🕏	Notes ♦
09-2358	7/30/2009	12/28/2009	\$9,000		ROOF OVER TOP ROOF WITH 10 SQRS OF MOD RUBBER.

Sketches (click to enlarge)

2 of 4 7/18/2018, 2:17 PM



Photos



3 of 4 7/18/2018, 2:17 PM

Мар



No data available for the following modules: Commercial Buildings, Mobile Home Buildings, Exemptions.

The Monroe County Property Appraiser's office maintains data on property within the County solely for the purpose of fulfilling its responsibility to secure a just valuation for ad valorem tax purposes of all property within the County. The Monroe County Property Appraiser's office cannot guarantee its accuracy for any other purpose. Likewise, data provided regarding one tax year may not be applicable in prior or subsequent years. By requesting such data, you hereby understand and agree that the



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