

Site Data Table	Permitted/ Required	Existing	Proposed	Compliance
Zoning	--	CL	No Change	Complies
Flood Zone	--	AE-7	No Change	Complies
Size of Site	10,000 sq. ft.	5,050 sq. ft.	No Change	Complies
Height	40 ft.	~15 ft.	31.6 ft.	Complies
Front Setback	20.2 ft.	0 ft.	No Change	Complies
Side Setback: Existing Structure	15 ft.	4 ft.	No Change	Complies
Proposed Structure	15 ft.	--	5 ft.	Variance
Street Side Setback: Existing Structure	20 ft.	2 ft.	No Change	Complies
Proposed Structure	20 ft.	--	5 ft.	Variance
Rear Setback	20.2 ft.	5 ft.	5 ft.	Variance
Density	2	0	1	Complies
F.A.R.	0.8	0.5	No change	Complies
Building Coverage	40% (2,020 sq. ft.)	54% (2,727 sq. ft.)	70% (3,535 sq. ft.)	Variance
Impervious Surface	60% (3,030 sq. ft.)	81% (4,091 sq. ft.)	74% (3,737 sq. ft.)	Complies
Parking	3	2	2	Variance
ADA	1	0	1	Complies
Bicycle/ Scooter	4.5	0	8	Complies
Open Space/ Landscaping	33%	19%	26%	Complies
Number & Type of Units	--	0	1 SFR	Conditional
Consumption Area/ # Seats	--	200 sq. ft./ 5 seats	No change	Complies

Water Quantity – Predevelopment

Project Area	0.12 ac
Pervious Area	0.02 ac
Impervious Area	0.10 ac
% Impervious	81.00 %
Depth to Water Table	4 ft.

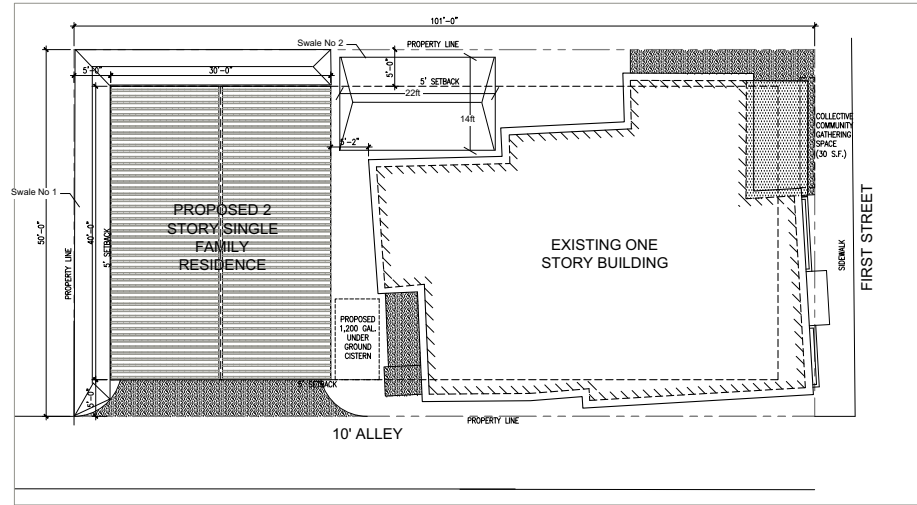
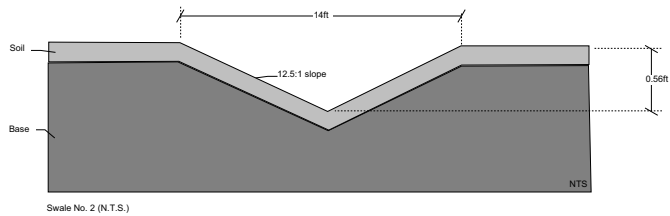
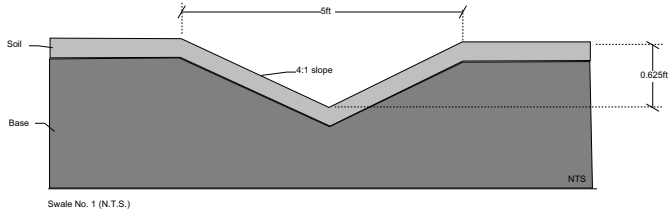
Water Quantity – Postdevelopment

Project Area	0.12 ac
Pervious Area	0.03 ac
Impervious Area	0.09 ac
% Impervious	74.00 %
Depth to Water Table	4 ft.

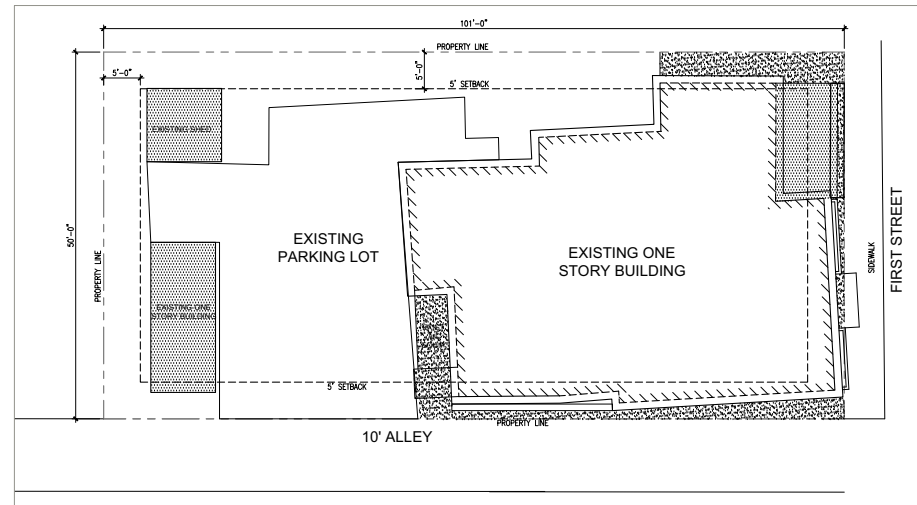
Storage Requirement (1in x Site Area, 50% Credit – Dry Retention): $0.5 \times 5,050 \text{ sq. ft.} \times 0.083 = 210 \text{ cu. ft.}$

Storage Proposed:
 Swale No. 1: $5\text{ft} \times 80\text{ft} \times 0.625\text{ft} \times 0.5 = 125 \text{ cu. ft.}$
 Swale No. 2: $14\text{ft} \times 22\text{ft} \times 0.56\text{ft} \times 0.5 = 85 \text{ cu. ft.}$
Total Dry Retention Proposed **210 cu. ft.**

Cistern: $1,200 \text{ gal} \times 7.8 \text{ cu. ft. / gal} = 160 \text{ cu. ft.}$
Total + Cistern: **371 cu. ft.**



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



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

Seal:

Consultants:

Trojanier & Associates, Inc.
 1421 First Street
 Key West, FL 33040
 305-293-8983

Submissions / Revisions:

1421 FIRST STREET
 KEY WEST, FL
NEW SINGLE FAMILY RESIDENCE

Drawing Size: 24x36 | Project #: 1956
 Title:

Storm Water

Sheet Number:

D-1

Date: - JUNE 29, 2017
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