



**GENERAL NOTES**

- The last date of field work was 11-21-2019
- Additions or deletions to survey maps or reports by other than the signing party or parties is prohibited without written consent of the signing party or parties
- Reproductions of this map are not valid without the original signature and seal of a Florida Licensed Surveyor and Mapper.
- Lands shown hereon were not abstracted by this office for rights-of-way, easements of record, ownership, abandonment's, deed restrictions, or Murphy Act Deeds. This information should be obtained through appropriate title verification.
- All above ground fixed improvements, if any, have been located and shown hereon.
- Underground foundations and improvements were not located as part of this survey.
- Flood Note: By graphic plotting only, this property is in Zone "X", according to the Flood Insurance Rate Map, Community Panel No. 12111C0178 J, effective date February 16, 2012. The exact designation can only be determined by an elevation certificate. No additional search of the public records has been performed. There may be additional map Amendments affecting this property.
- The bearings shown hereon are based on Plat information and are referenced to the centerline of Avenue I having a bearing of N89°58'58"E and all bearings are relative thereto.
- No easements are shown hereon other than those depicted on the plat. No search of the public records has been performed to find additional easements that may exist.
- Elevations shown hereon are referenced to the North American Vertical Datum (N.A.V.D.) of 1988 and are referenced to St. Lucie County Benchmark "TEX" having a published elevation of 17.085 feet.
- Bearings and distances shown hereon are the same as plat unless otherwise noted.
- The features and elevations shown hereon were acquired using RTK GPS and trigonometric methods and were verified through a redundancy of measurements for accuracy.

Digitally signed by  
Thomas P Kiernan  
Date: 2020.07.27  
14:05:37 -04'00'

THOMAS P. KIERNAN DATE  
Professional Surveyor & Mapper  
Florida Certificate No. 6199

**Boundary, Topographic &  
Site Plan Survey Lot 11, Block 2  
For: Nina Moore**

File: 19-260 LOT 11  
Date: 7-27-2020  
FB: 1706/56  
SCALE 1"=20'  
DRAWN BY: GLM  
FIELD: SG

**CULPEPPER & TERPENING INC**  
2880 SOUTH 25th STREET • FORT PIERCE, FLORIDA 34681  
PHONE 772-456-3337 • FAX 772-456-4487 • www.culter.com  
STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4208

URAA (66)	6	34
CPAA (198)	18	34

BAS  
(816)

2



Laundry

Dining Room

Kitchen

Bathroom

Bedroom 1

1-2 people

Covered Car  
Porch

Living Room

Bedroom 3

1-2 people

Bedroom 2

1-2 people

URAA (66)	6	34
CPAA (198)	18	BAS (816) 34

2



### 1. Front Hedge (From living room to east edge of home)

- **Plant:** Southern Wax Myrtle (*Morella cerifera*) or Cocoplum (*Coccoloba diversifolia*)
  - **Placement:** Along front setback, ~3 feet from Front of the home
  - **Height:** Maintain at  $\leq 30$  inches per code
  - **Benefit:** Dense evergreen screen, coastal salt tolerance
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### 2. Canopy Tree (Center of front yard)

- **Plant:** Live Oak (*Quercus virginiana*) or Crape Myrtle (*Lagerstroemia indica*) center of the yard
  - **Placement:** Centered in front yard east of walkway, 10–15 ft from sidewalk/house
  - **Specifications:** 12 ft tall, 2 in caliper minimum
  - **Benefit:** Shade, aesthetically pleasing structure
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### 3. Accent Shrubs & Flowers

- **Plants:**
  - Firebush (*Hamelia patens*)
  - Simpson's stopper or Cocoplum near corners for structure and privacy
- **Placement:** Symmetrically beside porch/walkway corners

#### 4. Ground Cover & Mulch

- **Mulch:** Pine bark, 2–3” deep around plant beds
  - **Ground cover:** Frogfruit (*Phyla nodiflora*) or Sunshine Mimosa in smaller beds
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#### 5. Irrigation Plan

- Install drip lines or soaker hoses on timers for 6–12 months to ensure establishment
- After establishment, native choices become drought resilient

# 2708 Lighting Plan

## Existing Lighting Fixtures

Currently, the property has the following exterior lighting:

### 1. Front Porch Light

- Fixture Type: Wall-mounted LED bulb (downward facing)
- Height: Approximately 8 feet above ground
- Location: Centered above front entry door
- Function: Automatically turns on at dusk with photocell sensor

### 2. Car Porch Door Entry Light

- Fixture Type: Wall-mounted motion-sensor floodlight
  - Height: 8 feet
  - Location: Above the back door
  - Function: Activates with movement detection for backyard/exit security
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## Proposed Additional Lighting Upgrades

### 1. Solar Pathway Lights (Front Yard Walkway)

- Quantity: 6 individual solar lights
- Placement: Evenly spaced along walkway from sidewalk to front door
- Purpose: To improve nighttime visibility and reduce fall risk

### 2. Side Yard Motion Light

- Fixture Type: Wall-mounted LED floodlight
- Height: 8–9 feet
- Location: East side of the house near side yard access gate
- Purpose: Enhance visibility in less-trafficked area for resident safety and security

### 3. Backyard Motion Light

- Fixture Type: Wall-mounted LED floodlight
  - Height: 8–9 feet
  - Location: West side of rear yard near Car Porch area.
  - Purpose: Encourage safe and supervised outdoor use in evenings
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# 2708 Lighting Plan

## Lighting Characteristics & Compliance

- All lighting is **downward-facing or shielded** to prevent light spill onto adjacent properties.
  - Motion-activated lights are used to **conserve energy and reduce unnecessary lighting**.
  - Fixtures are **LED-based**, energy-efficient, and designed for outdoor use with waterproof ratings.
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## Security and Safety Considerations

- All entry points are illuminated to deter intruders and improve resident safety.
- Lighting layout supports visibility for both pedestrians and vehicles.
- Proposed additions will be installed by a licensed electrician as needed.