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**Planning Commission**

240 Columbus Ave

Sandusky, Ohio 44870

419.627.5973

[www.cityofsandusky.com](http://www.cityofsandusky.com)

**Agenda**

**May 22, 2024**

**5:00 pm**

**City Commission Chamber**

**Live Streamed on [www.Youtube.com/CityofSanduskyOH](http://www.Youtube.com/CityofSanduskyOH)**

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1. **Meeting called to order – Roll Call**
2. **Approval of minutes from April 24, 2024.**

3. **New Business**

416 Warren St.

JaMarcus Hampton, LLC, on behalf of Hampton Enterprises, LLC., has submitted a site plan application for a new parking lot and access driveway at 416 Warren St.

2055, 2071, 2073, and 2075 Cleveland Rd.

Kagland LLC, Judith Corso, & Jeffrey & Diane Corso, has submitted a site plan application for a resort motel with mixed use amenity center at 2055, 2071, 2073, and 2075 Cleveland Rd.

4. **Adjournment**

**NEXT MEETING: June 26, 2024 at 5:00pm**

**Please notify staff at least 2 days in advance of the meeting if you cannot attend. Thank you.**

**Planning Commission**  
**April 24, 2024**  
**Meeting Minutes**

**Meeting Called to Order**

Chair Poggiali called the April 2024 Planning Commission meeting to order at 5:02 pm. The following Commissioners were present: Vice Chair Miller, Chair Poggiali, Commissioner Whelan, and Commissioner Zuilhof. Arin Blair and Alec Ochs were present on behalf of the Community Development Department, Stewart Hastings was present on behalf of the Law Department and Quinn Rambo was the acting clerk. Commissioners Castile and Jackson were absent and notified Staff in advance that they were unable to attend. Commissioner McGory arrived at the meeting during the discussion of the 1021 Cleveland Road Site Plat at 5:12 pm.

**Approval of Minutes from March 27, 2024, and April 4, 2024**

Chair Poggiali introduced the first item on the agenda, which was the approval of the minutes from the March 27, 2024, and April 4, 2024 Planning Meetings. Commissioner Zuilhof made a motion to approve both sets of minutes as presented. Vice Chair Miller seconded the motion. Chair Poggiali called for a vote to approve the March 27<sup>th</sup> and April 4<sup>th</sup> minutes as presented and the motion passed unanimously.

**Public Hearing**

**420 Warren Street-**

**JaMarcus Hampton, on behalf of Hampton Enterprises, LLC, has submitted a site plan application for a new parking lot and access driveway at 420 Warren Street.**

Chair Poggiali introduced the application and asked for the Staff report. Mr. Ochs stated the site was approximately 0.31 acres. The proposal requested to add a new parking lot and a two-way access driveway. The new parking lot would provide 15 parking spaces and an area for a dumpster. The existing parking lot was a concrete slab without any striped parking spaces. The existing space was limited since it only had a one-way entry/ exit point. Staff estimated that the existing parking layout can only provide 9 parking spaces. The site currently housed a salon business. The strictest review of parking standards for business and commercial uses would require 16 parking spaces at this site. The current use would only require 6 parking spaces. The proposal was below the 25-space minimum for landscaping requirements and no additional landscaping was required. Staff recommended adding trees for part of any site-plan improvement, and in this case along Warren St. to beautify the streetscape. Staff recommended the approval of the proposed site plan at 420 and 422 Warren Street (parcels 56-00768.000, 56-00552.000) with the following conditions that all applicable permits were obtained through the Building Department, Engineering Department, Division of Planning, and any other applicable agency prior to any construction. Ms. Blair added that the applicant coordinated with the Warren Street Project that was currently ongoing. Commissioner Zuilhof asked if the business had plans for expansion because of the request for increased parking. Ms. Blair stated not that had been shared with Staff. Vice Chair asked if parking would be used for

the residential site to the north. Ms. Blair stated that each site would operate independently. Mr. Ochs added he encouraged the applicant to expand parking. Chair Poggiali asked about the applicant and Ms. Blair stated the applicant was not available to attend the meeting.

Commissioner Zuilhof made a motion to approve the site plan application subject to Staff conditions. The motion was seconded by Commissioner Whelan. Chair Poggiali called for the vote since there was no public present to comment. All Commissioners voted to approve the motion, unanimously.

**1021 Cleveland Road-**

**Charles Jones, on behalf of Tara and Shaikh Enterprise, Inc., has submitted a site plan application for a motel lobby expansion at 1021 Cleveland Road.**

Chair Poggiali introduced the application and asked for the Staff report. Mr. Ochs stated the site was approximately 0.91 acres. The new development requested a 374 sq. ft., 22' x 17' one story addition to the existing main office entrance. The new addition would be a multi-use lobby seating area and used for serving breakfast to guests. The seating capacity proposed to accommodate 15 to 20 people. The hours of operation would be 24 hours a day, 7 days a week. Three parking spaces would be removed as part of the proposal. Staff stated the applicant was not concerned about loss of parking because there was an agreement in place for the Roadway Inn to have access to the rear parking lot, which was shared with The Club for overflow parking. The applicant said there were not any issues with parking since they acquired the property. Per Zoning Code section 1149.06 (c), Staff asked the Commission not to require the three lost parking spaces be moved elsewhere subject to the 1149.06 (c) requirements. If there were no additional parking requirements, no additional landscaping was required. Staff recommended adding trees as part of any site-plan improvement and recommended some along Cleveland Road. The Building Department stated that construction would have to be fire rated per code and built within 5 feet of the property line. Staff recommended the approval of the proposed site plan at 1021 Cleveland Road (parcel 57- 00651.000, 57-00652.000) with the following conditions that all applicable permits were obtained through the Building Department, Engineering Department, Division of Planning, and any other applicable agency prior to construction and Parcels 57-00651.000 and 57-00652.000 were combined prior to construction.

Chair Poggiali asked the applicant to come forward and speak on behalf of the application. The applicant initially declined to come forward. Commissioner McGory arrived at the meeting. Commissioner Zuilhof asked for the landscaping requirements. Mr. Ochs explained that there was no landscaping required but Staff requested trees to be added but not as a condition. Commissioner Zuilhof asked about ownership. The owner/ applicant, Hassan Muhammed, came forward explained that this was the third year of ownership and his plan for the property. He continued that they planned to add floral landscaping to the front.

Commissioner Whelan made a motion to approve the site plan application. The motion was seconded by Commissioner Zuilhof to approve the site plan application with Staff

conditions. Chair Poggiali called for the vote and all commissioners voted to approve the motion, unanimously.

#### **Staff Update- Dedication Plat of City owned Parcel # 57-69026.000**

Chair Poggiali asked for Staff updated. Mr. Ochs explained the update was from the Public Works Department to update the Planning Commission on the status of a City owned parcel that was being dedicated for public use, specifically for the bike path. It was recorded specifically for the use of the public forever and City Commission approved this article and memo on March 11<sup>th</sup> and required by ODOT standards. The parcel size was 0.8494 Acres and located on Cedar Point Road and was part of the old railroad. There was no action required by the Planning Commission.

Commissioner Zuilhof asked if there were any updates that could be shared about Battery Park and Jackson Street Hotel projects. Ms. Blair stated that Marous spoke at the April 22<sup>nd</sup> City Commission meeting and a statement was read in the manager's report of that same meeting regarding the MOU with Fairmount Properties that expired, and possible extension. Ms. Blair encouraged everyone to watch the recording of the City Commission Meeting online. Commissioner Zuilhof asked about the Landing project and Ms. Blair stated that project was handled by Mr. Aaron Klein, and she did not have an update to provide. Vice Chair Miller asked if the parcel across the stream would become City property. Mr. Ochs stated he was not sure exactly what was in the works between Public Works Department and Cedar Point, but an easement would be required.

Chair Poggiali asked if there were any more comments or questions. Ms. Blair stated she had some updates she wanted to share with the Commission. First, she shared there was a book called The Guide to Planning in Ohio that APA Ohio produced and was available on the APA Ohio website written by many authors across the state. Next, she shared that the Ohio Senate selected a committee on housing and the committee recently released a report with twenty-three recommendations which included several Planning and Zoning recommendations to help meet the demand for housing and to address the shortage of housing across the state. The committee also called for the creation of a housing tool kit, which would be some sort of online resource hub to support local governments with housing development and community planning. Ms. Blair added that she was a member of the APA Ohio Board Legislative and Policy Committee and she would bring the Planning Commission any updated information from that perspective. Commissioner Whelan asked where to find the article Ms. Blair referred to previously. Ms. Blair recommended the Ohio.gov website and to search utilizing the Ohio Senate Select Committee and she would also send Commissioners a link. Chair Poggiali added the Ohio Municipal League site would be another resource.

#### **Adjournment**

Chair Poggiali asked for a motion to adjourn. Commissioner McGory made a motion to adjourn. The Planning Commission meeting adjourned at 5:34 pm.



**Next Meeting:**

May 22, 2024, at 5:00pm.

**Approved:**

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Clerk

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Chair/ Vice Chair

CITY OF SANDUSKY, OHIO  
DEPARTMENT OF COMMUNITY DEVELOPMENT  
DIVISION OF PLANNING

# PLANNING COMMISSION REPORT

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APPLICATION FOR SITE PLAN APPROVAL AT  
416 WARREN ST. (PARCELS 56-00352.000)

Reference Number: PSPOS24-0002

Date of Report: May 10, 2024

Report Author: Alec Ochs, Assistant Planner



# City of Sandusky, Ohio

## Planning Commission Report

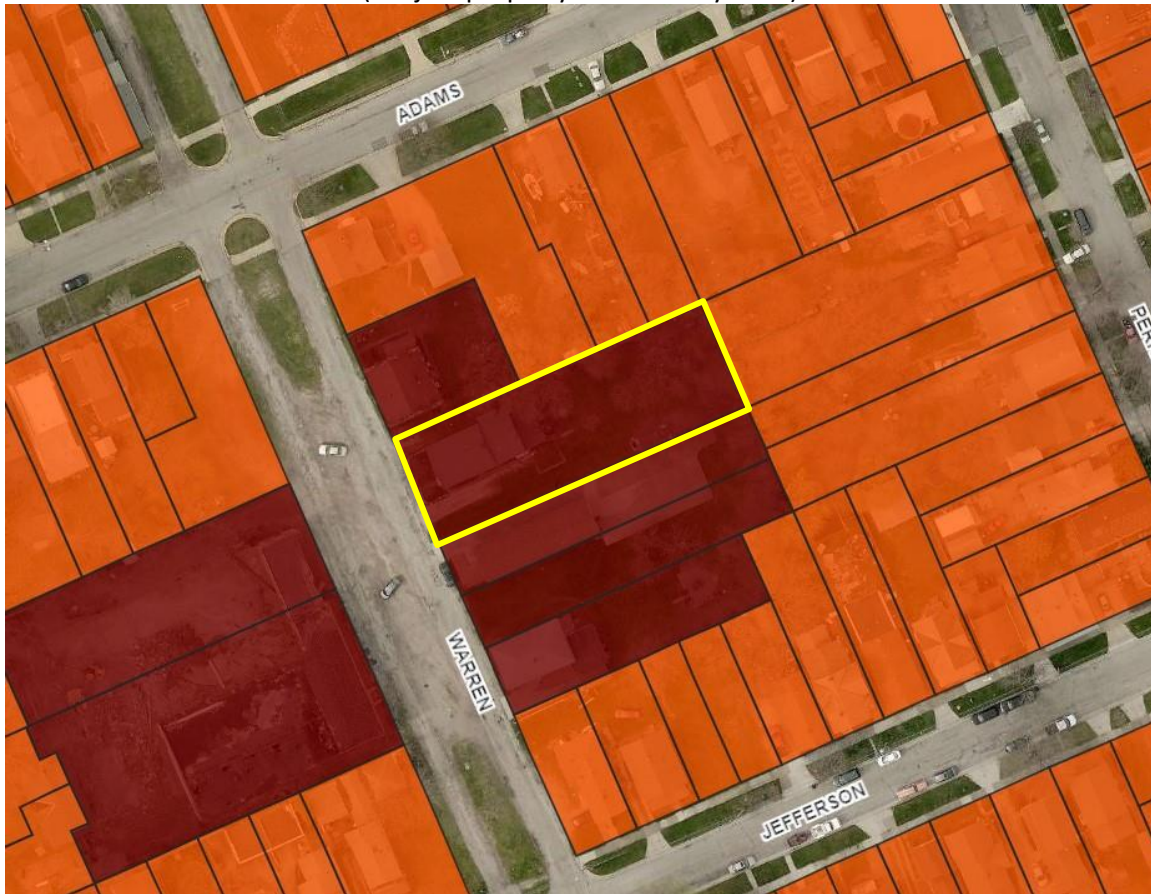
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### BACKGROUND INFORMATION

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Property Owner:	Hampton Enterprises, LLC P.O. Box 2171 Sandusky, OH 44870
Site Location:	416 Warren St. Sandusky, OH 44870
Current Zoning:	CS – Commercial Service Zoning map amendment application was recommended by Planning Commission on 4.4.24 to change the Zoning from CS – Commercial Service to RMF – Multi-Family Residential. This application is still in process.
Adjacent Zoning:	North: CS – Commercial Service R2F – Two Family Residential East: R2F – Two Family Residential South: CS – Commercial Service West: CS – Commercial Services
Existing Use:	Residential
Proposed Use:	Multi-family Residential
Applicable Plans & Regulations:	1149 Site Plan Review and Off-Street Parking 1137 Commercial Districts 1129 Residential Districts

(Subject property outlined in yellow)



#### Zone Map Setbacks



#### PUD - Planned Unit Development



#### Parcels



#### TRO - Transient Rental Overlay



#### Zoning



AG - Agriculture



CA - Commercial Amusement



CR - Commercial Recreation



CS - Commercial Service



DBD - Downtown Business



GB - General Business



GM - General MAnufacturing



LB - Local Business



LM - Local Manufacturing



P - Auto Parking



PF - Public Facilities



R1-40 - Single Family Residential



R1-50 - Single Family Residential



R1-60 - Single Family Residential



R1-75 - Single Family Residential



R2F Two-Family Residential



RB - Roadside Business



RMF - Multi-Family Residential



RRB - Residential/Business



RS - Residential Suburban



County Auditor Property Map (subject property outlined in red)



Street View – July 2019

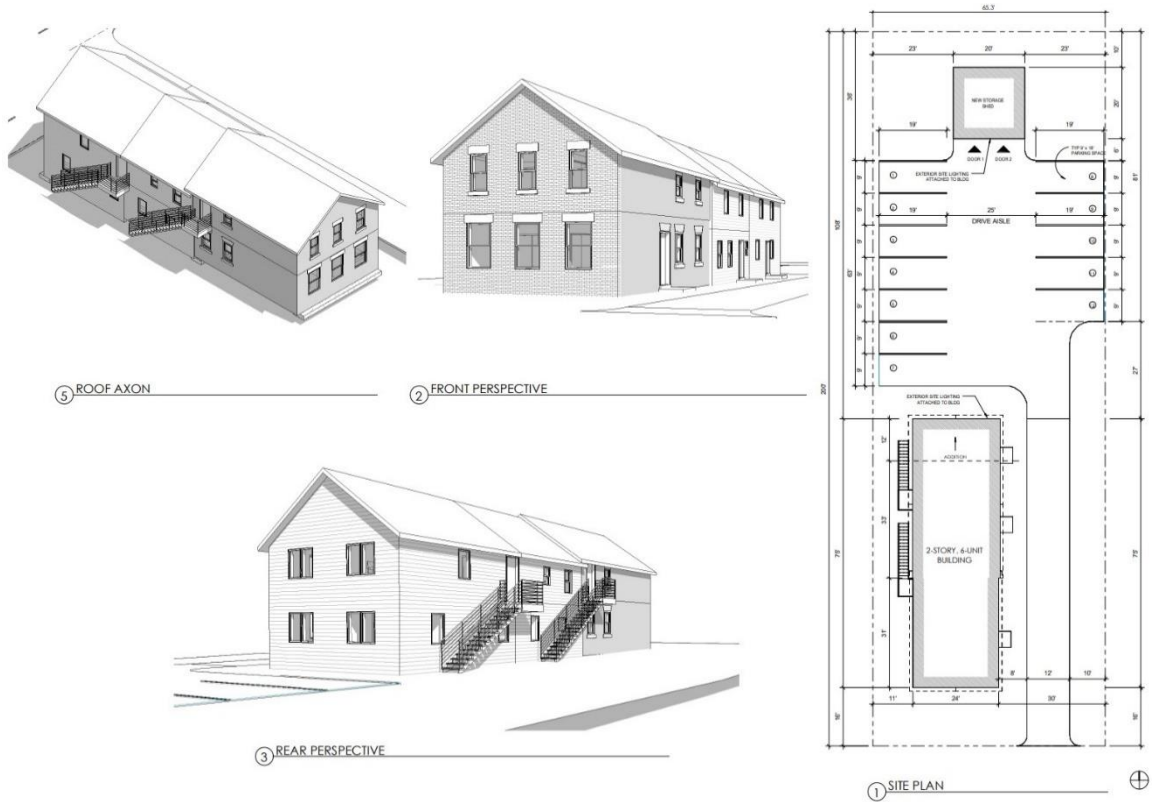
Bird eye photo from (3/7/202



3)

Street View from 7/2019





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**PROJECT DESCRIPTION**

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The site is approximately .3 acres. The proposal is to add an addition onto the structure and a new parking lot and an access driveway for the tenants. The new parking lot will provide 12 parking spaces and a storage structure.

The structure had historically been a two family unit but was altered by the previous owner to a one unit. The applicant is proposing to convert the structure from a one unit residential to a six unit residential, for the purpose of long-term rentals.

On April 4, 2024, the applicant brought forward a zone Map amendment to change the existing CS – Commercial Service Zoning to RMF – Multi-Family Residential, which was unanimously supported by the Planning Commission. A public hearing was conducted for the rezoning at the City Commission on May 13, 2024 and there were no comments. The rezoning legislation will be on the May 28, 2024 City Commission agenda.

The home is currently unoccupied and under remodel.

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**APPLICABLE CODE SECTIONS**

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**1137.05 PERMITTED MAIN BUILDINGS AND USES; COMMERCIAL SERVICES DISTRICT.**

(a) Main Buildings and Uses.

- (1) All buildings and uses permitted in and as regulated in the Commercial Recreation District

**1137.03 PERMITTED BUILDINGS AND USES, COMMERCIAL RECREATION DISTRICTS.**

(a) Main Buildings and Uses.

- (1) One- and two-family dwellings, boathouses, motels;

**1129.03 SCHEDULE OF PERMITTED BUILDINGS AND USES.**

District	<u>Main Buildings and Uses</u>	<u>Accessory Buildings and Uses</u>
RMF	Uses permitted in R2F District. Apartments and row houses.	Accessory uses permitted in R2F District.

**CHAPTER 1149**

**Site Plan Review and Off-Street Parking**

**1149.04 MEASUREMENT STANDARDS.**

For the purpose of determining accessory off-street parking requirements definitions and standards shall be as follows:

(..)

(c) Floor Area. The total area of all the floors measured from the exterior faces of the building (except the floor, or part thereof, used for the storage or warehousing may be waived with administrative approval and if not approved by the administration, the Planning Commission may approve the waiver), or where set forth in the following schedule, only the floor area used by specific use.

**1149.05 SCHEDULE OF REQUIRED OFF-STREET PARKING.**

(Residential)

(...)

(4) Row dwelling or apartment - 1-1/2 spaces per dwelling unit

**1149.06 SEPARATE OR COMBINED USE OF FACILITIES.**

(..)

(c) Provided, however, where there is a sharing of facilities by different owners, there shall be a contract covering a period of time as may be required by the Commission, and provided further that, should any of the uses be changed or the facilities discontinued, then the required spaces for the use or uses remaining shall be provided elsewhere as a condition precedent to the continued use of the building.

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**SUPPLEMENTAL NOTES / PLANNING DIVISION COMMENTS**

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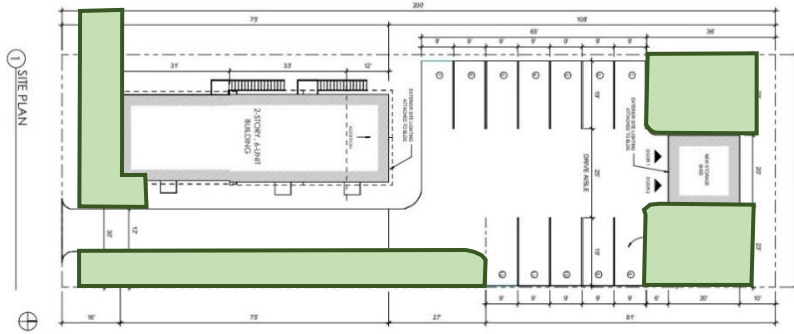
The strictest review of parking standards for business and commercial uses would require 9 parking spaces at this site.

The proposal is below the 25 space minimum for landscaping requirements. No additional landscaping is required.

In general, staff recommends adding trees and landscaping as part of any site-plan improvement, in this case along Warren St. to beautify the streetscape or at the rear of the property to improve the backyard canopy.

Potential tree and landscaping locations






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#### OTHER DEPARTMENT COMMENTS

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**Engineering Staff:**

All concerns have been addressed.

**Building Staff:**

No objections. Additional submittals showing compliance with Ohio Building Code & ADA codes will be required.

**Police Department:**

No objections have been received as of the writing of this report.

**Fire Department:**

No objections.

**Code Compliance**

No objections.

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#### CONCLUSION/RECOMMENDATION

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Staff recommends the approval of the proposed site plan 416 Warren St. (Parcel 56-00352.000)

with the following conditions:

1. All applicable permits are obtained through the Building Department, Engineering Department, Division of Planning and any other applicable agency prior to construction.



## PLANNING COMMISSION

### Application for Zoning Map Amendment

Division of Planning

240 Columbus Ave

Sandusky, Ohio 44870

419.627.5891

[www.cityofsandusky.com](http://www.cityofsandusky.com)

#### APPLICANT/AGENT INFORMATION:

Property Owner Name:

Hampton Enterprises LLC

Property Owner Address:

P.O. Box 2171

Sandusky, OH 44871

Property Owner Telephone:

313-348-9114

Email

hamptonenterprisesllc@yahoo.com

Authorized Agent Name:

Jamarcus Hampton

Authorized Agent Address:

1514 Buchanan Street

Sandusky, OH 44870

Authorized Agent Telephone:

313-348-9114

Email

jamarcus-hampton@yahoo.com

#### LOCATION AND DESCRIPTION OF PROPERTY:

Municipal Street Address:

416 Warren Street, Sandusky, OH 44870

Legal Description of Property (check property deed for description):

26 Warren Street With 66' x 198'

Parcel Number:

56-00352.000

Zoning District:

CS - Commercial Service

**DETAILED SITE INFORMATION:**

Land Area of Property: See Enclosed (sq. ft. or acres)

Total Building Coverage (of each existing building on property):

Building #1: \_\_\_\_\_ (in sq. ft.)

Building #2: \_\_\_\_\_

Building #3: \_\_\_\_\_

Additional: \_\_\_\_\_

> See Enclosed

Total Building Coverage (as % of lot area): See Enclosed

Gross Floor Area of Building(s) on Property (separate out the square footage of different uses – for example, 800 sq. ft. is retail space and 500 sq. ft. is storage space:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ See Enclosed...

Proposed Building Height (for any new construction): See Enclosed

Number of Dwelling Units (if applicable): See Enclosed

Number of Off-Street Parking Spaces Provided: See enclosed

Parking Area Coverage (including driveways): See enclosed (in sq. ft.)

Landscaped Area: TBA (in sq. ft.)

Requested Zoning District Classification: RMF - Multi-Family Residential

**APPLICATION AUTHORIZATION:**

If this application is signed by an agent, authorization in writing from the legal owner is required. Where owner is a corporation, the signature of authorization should be by an officer of the corporation under corporate seal.

  
Signature of Owner or Agent

1/16/2014  
Date

**PERMISSION TO ACT AS AUTHORIZED AGENT:**

As owner of Hampton Enterprises LLC (municipal street address of property), I hereby authorize J. Andrew Hampton to act on my behalf during the Planning Commission approval process.

  
Signature of Property Owner

1/16/2014  
Date

**REQUIRED SUBMITTALS:**

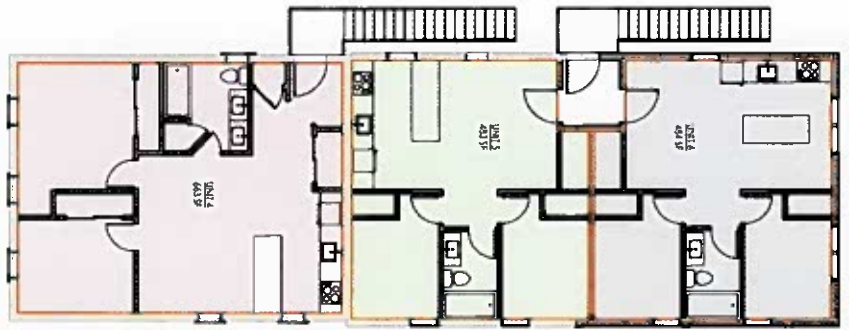
1 copy of a site plan/off-street parking plan for property  
1 copy of the deed or legal description for property  
\$300.00 application fee

**STAFF USE ONLY:**

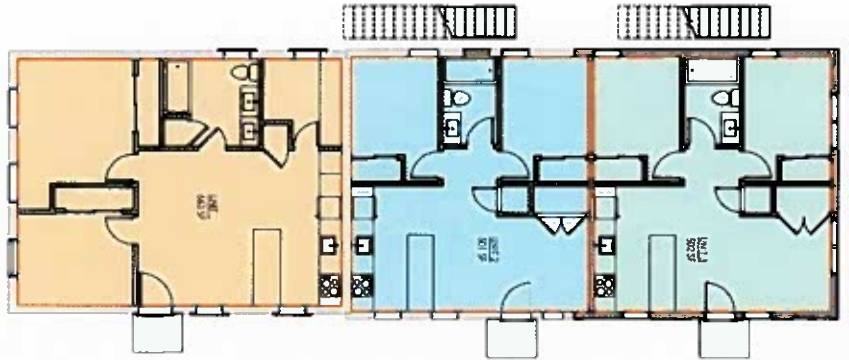
Date Application Accepted: \_\_\_\_\_ Permit Number: \_\_\_\_\_

Date of Planning Commission Meeting: \_\_\_\_\_

Planning Commission File Number: \_\_\_\_\_



④ SECOND FLOOR



③ FIRST FLOOR

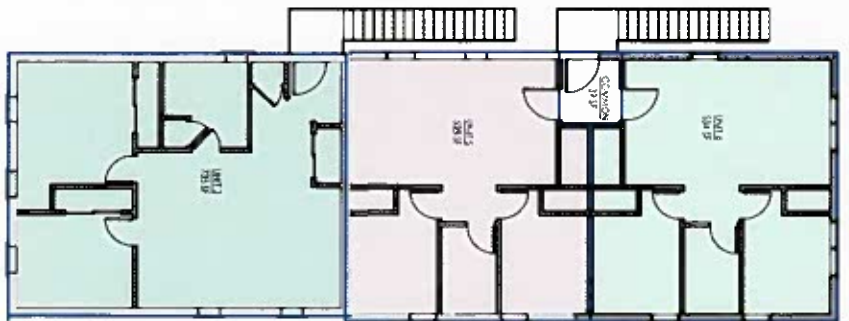
**NET UNIT AREA TOTALS**

NET UNIT AREA TOTALS  
UNIT 1: 401.00  
UNIT 2: 401.00  
UNIT 3: 401.00  
UNIT 4: 401.00  
UNIT 5: 401.00  
UNIT 6: 401.00  
TOTAL: 2406.00

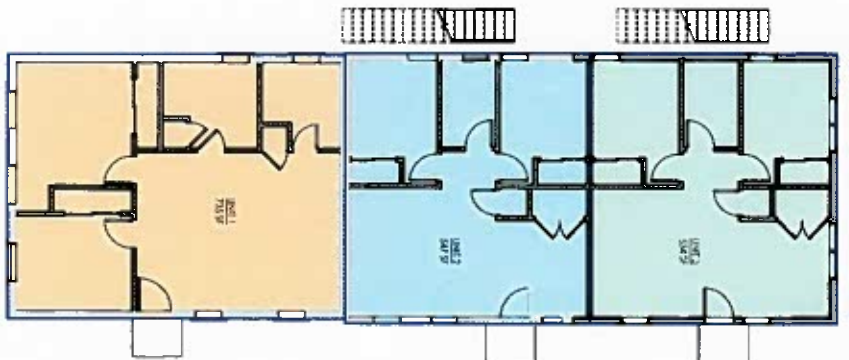
NAME	AREA	BEDS
UNIT 1	401.00	
UNIT 2	401.00	
UNIT 3	401.00	
UNIT 4	401.00	
UNIT 5	401.00	
UNIT 6	401.00	
TOTAL	2406.00	

GRAPHIC LEGEND

AREA TOTALS



② SECOND FLOOR



① FIRST FLOOR

GROSS AREA

**GROSS AREA - 9' x 10'0"**

NAME	AREA	BEDS
UNIT 1	401.00	
UNIT 2	401.00	
UNIT 3	401.00	
UNIT 4	401.00	
UNIT 5	401.00	
UNIT 6	401.00	
TOTAL	2406.00	

AREA PLANS

A5

2024-0219

NO.	DESCRIPTION	DATE
1	2024-0219	

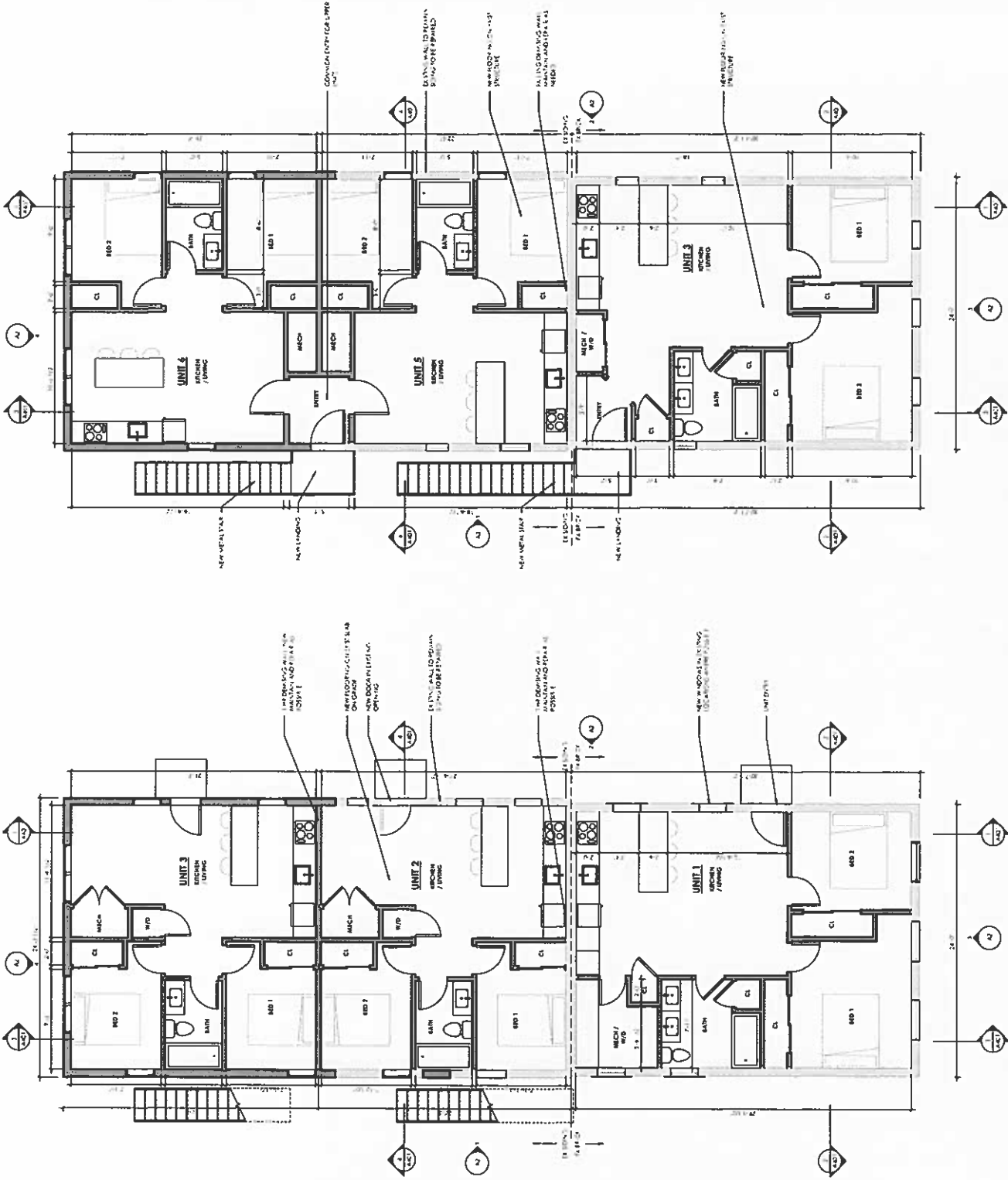
416 WARREN ST  
SANDUSKY OHIO

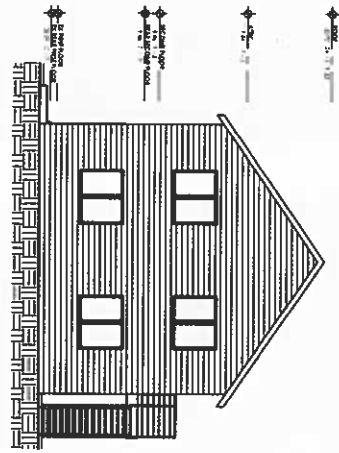
80 3573 LT 0055



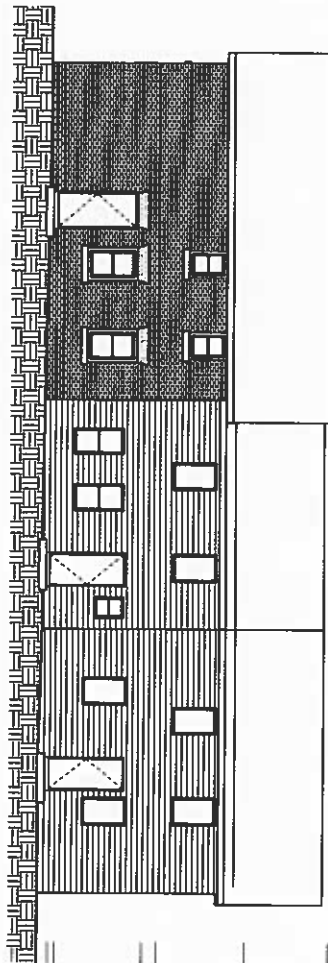
② SECOND FLOOR PROPOSED

① EX FIRST FLOOR

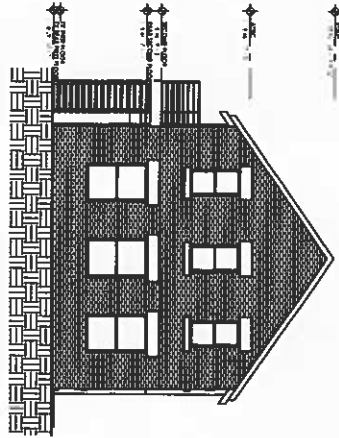




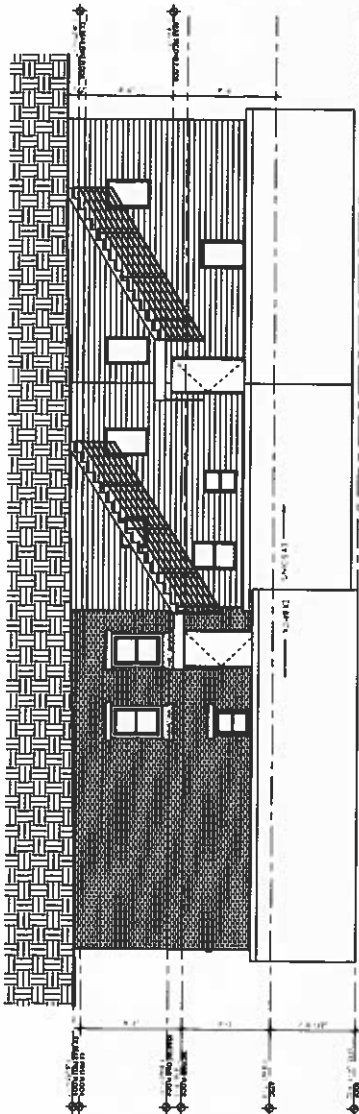
4 REAR ELEVATION



2 SIDE (SOUTH) ELEVATION

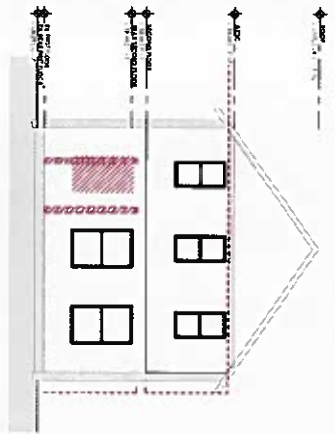


3 FRONT (STREET) ELEVATION



1 SIDE (NORTH) ELEVATION

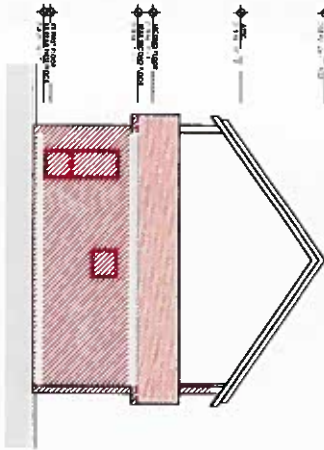




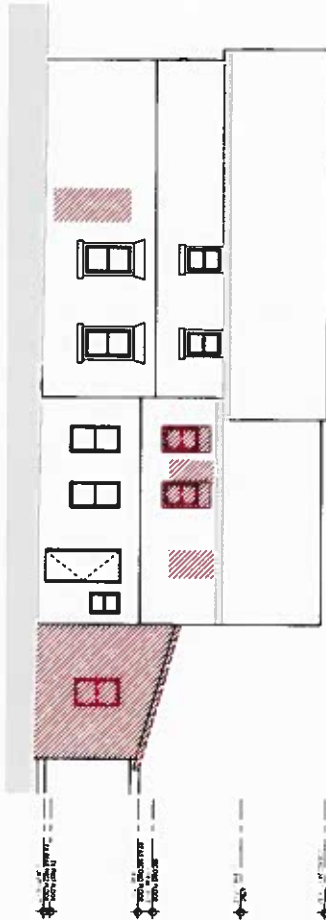
5 EX CROSS SECTION 1



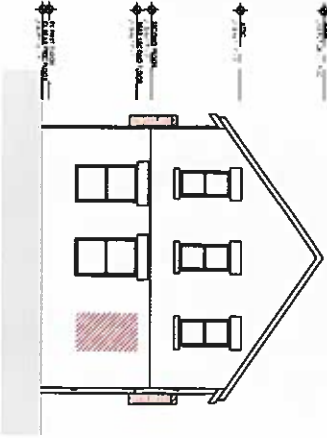
6 EX LONGITUDINAL SECTION 1



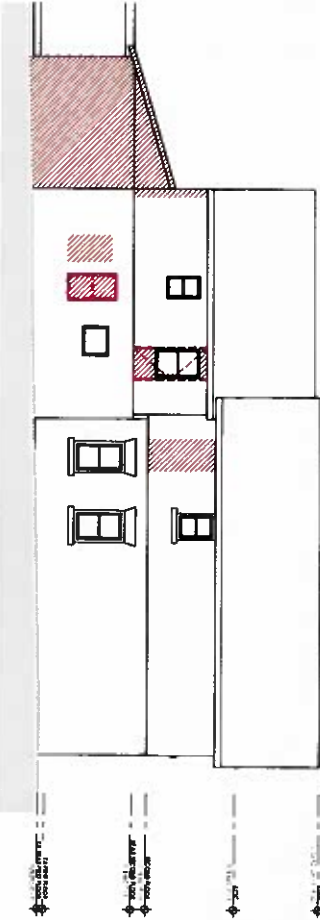
4 EX REAR ELEVATION



2 EX SIDE (NORTH) ELEVATION

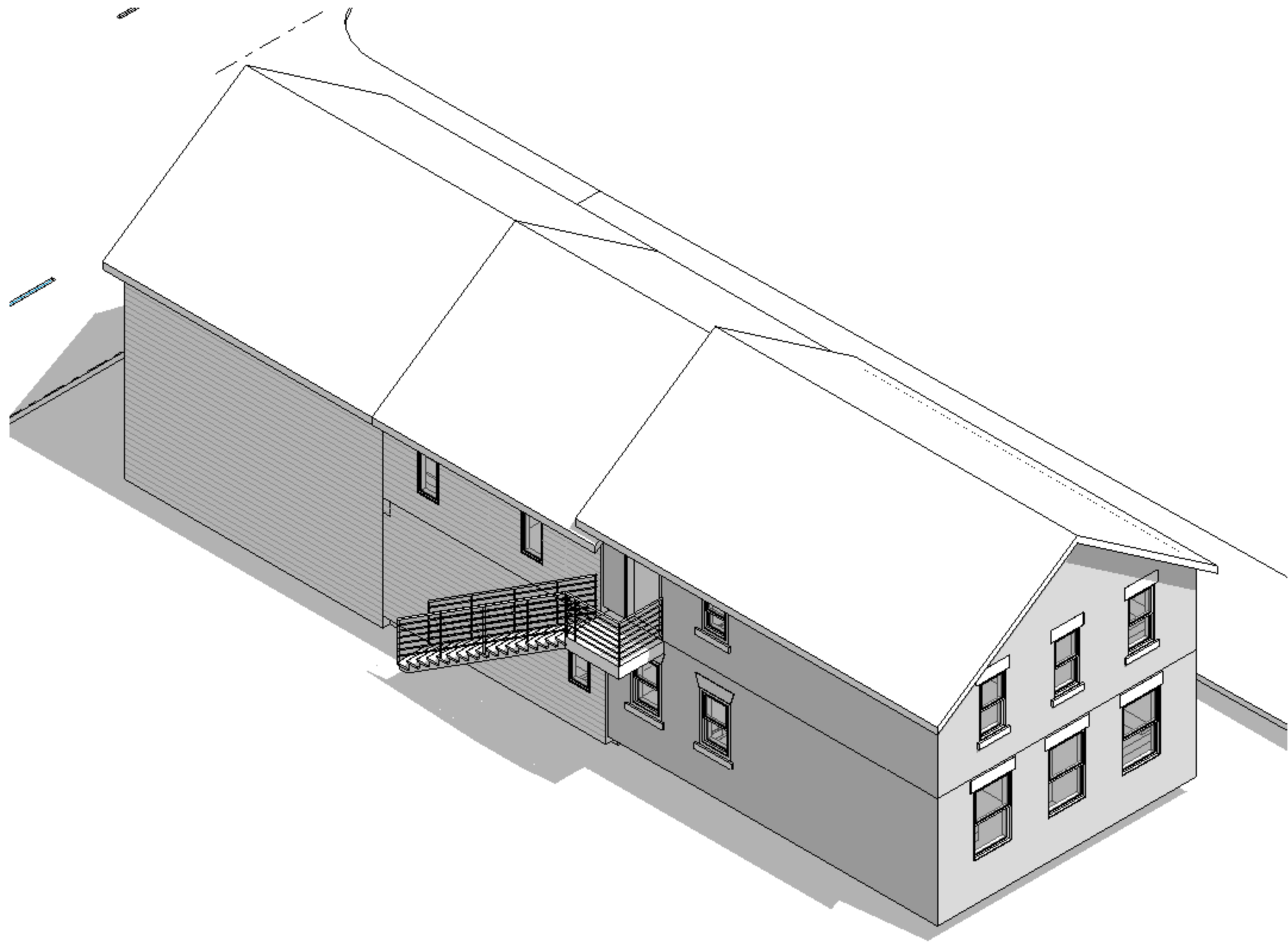


3 EX FRONT (STREET) ELEVATION



1 EX SIDE (SOUTH) ELEVATION

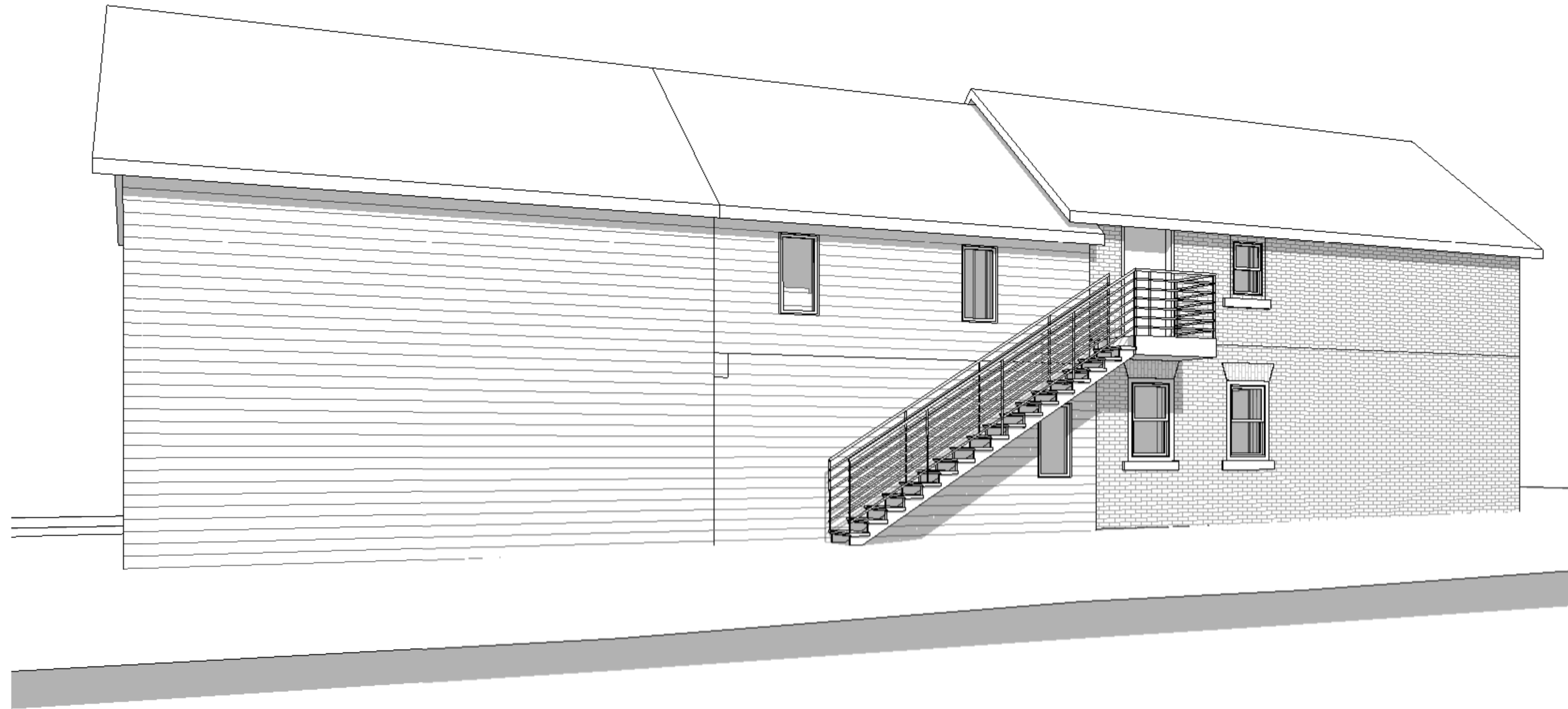




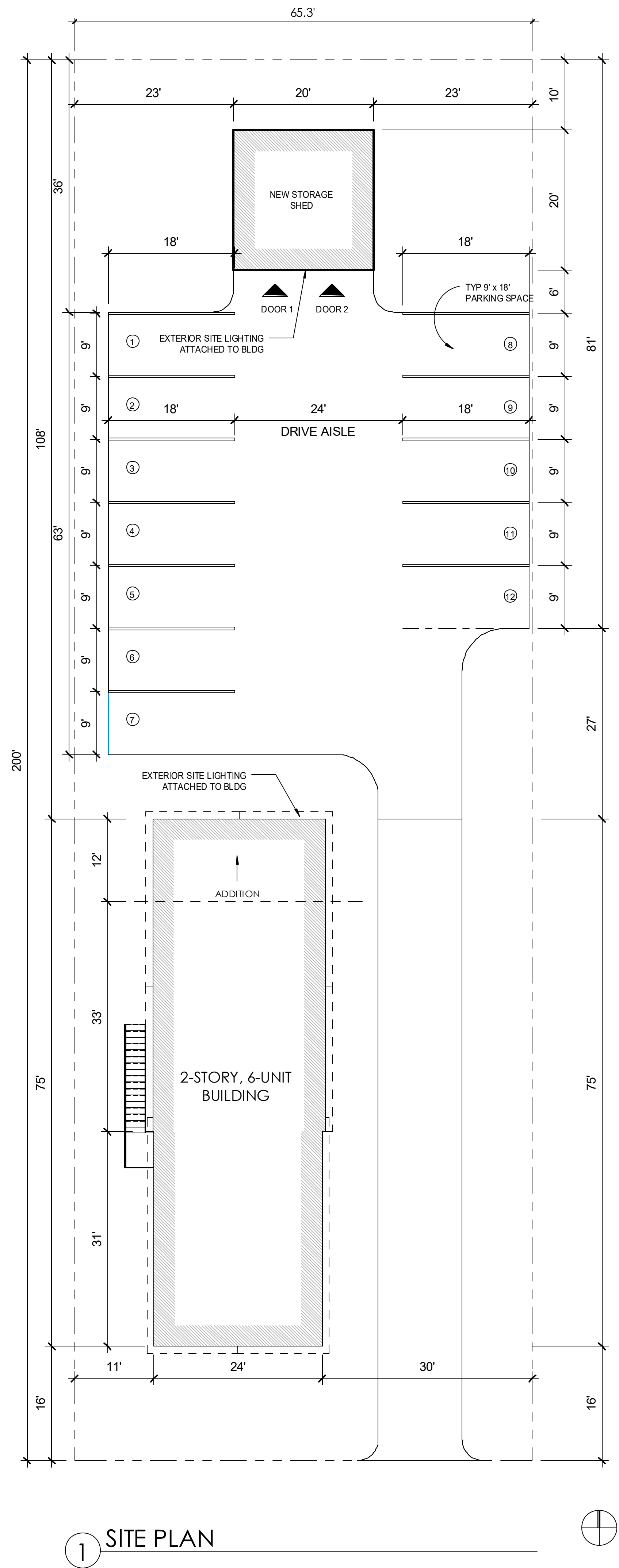
5 ROOF AXON



2 FRONT PERSPECTIVE



3 REAR PERSPECTIVE



No.	Description	Date

CITY OF SANDUSKY, OHIO  
DEPARTMENT OF COMMUNITY DEVELOPMENT  
DIVISION OF PLANNING

# PLANNING COMMISSION REPORT

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APPLICATION FOR SITE PLAN APPROVAL AT  
2055, 2071, 2073, AND 2075 CLEVELAND RD.  
(PARCELS 57-02560.000, 57-02810.000, 57-  
01025.000, 57-01027.000, 57-01035.000)

Date of Report: May 10, 2024

Report Author: Alec Ochs, Assistant Planner



# City of Sandusky, Ohio

## Planning Commission Report

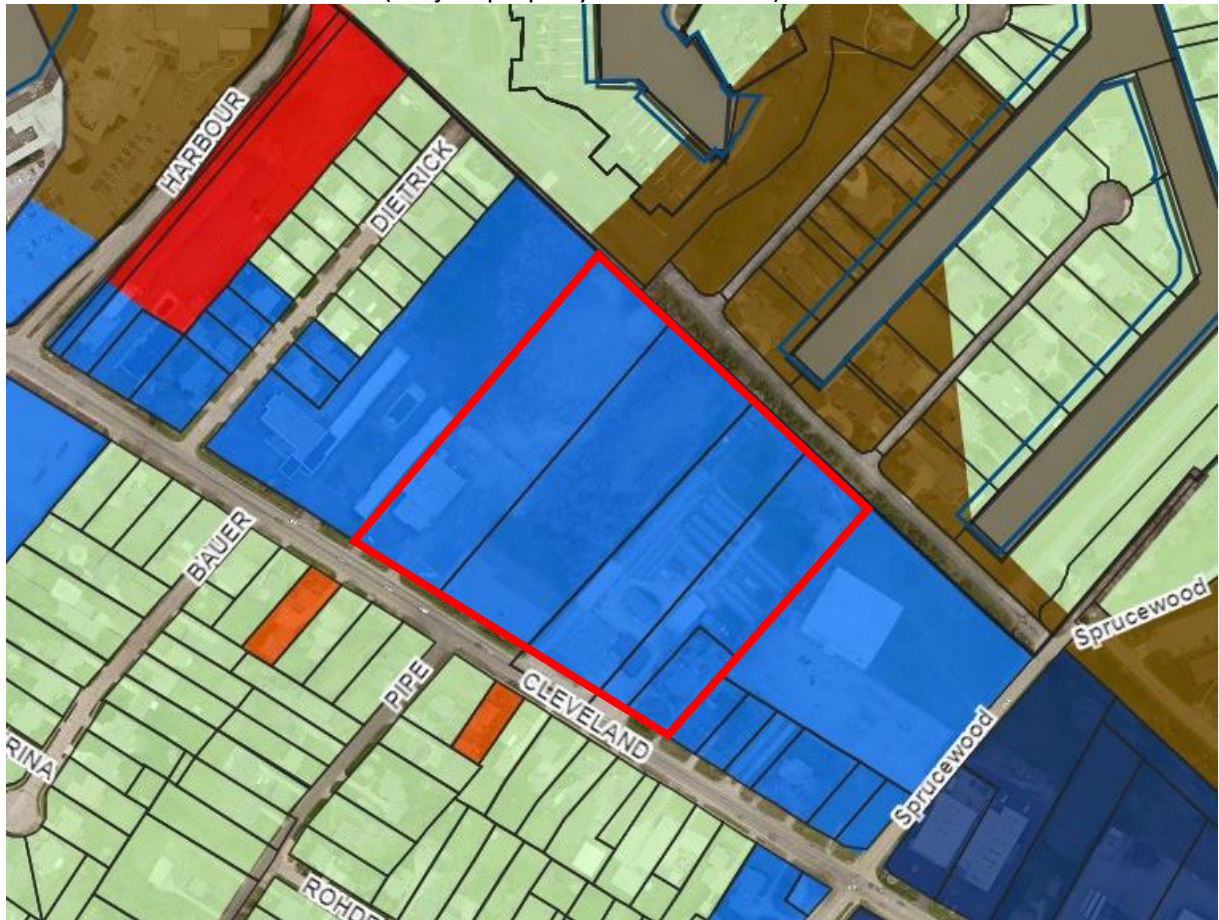
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### BACKGROUND INFORMATION

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Property Owner:	Kagland LLC, Judith Corso, & Jeffrey & Diane Corso 2137 Cedar Pt Rd. Sandusky, OH 44870
Site Location:	2055, 2071, 2073, and 2075 Cleveland Rd. Sandusky, OH 44870
Current Zoning:	RB – Roadside Business
Adjacent Zoning:	North: RMF – Residential Multi-Family East: RB – Roadside Business RMF – Residential Multi-Family South: R1- 60 Single Family Residential R2F – Two Family Residential West: RB – Roadside Business
Existing Use:	Business / vacant land
Proposed Use:	"Key West North Resort" Motel with mixed use amenity center
Applicable Plans & Regulations:	1149 Site Plan Review and Off-Street Parking 1133 Business Districts

(Subject property outlined in red)



#### Zone Map Setbacks



#### PUD - Planned Unit Development



#### Parcels



#### TRO - Transient Rental Overlay



#### Zoning

- AG - Agriculture
- CA - Commercial Amusement
- CR - Commercial Recreation
- CS - Commercial Service
- DBD - Downtown Business
- GB - General Business
- GM - General MANufacturing
- LB - Local Business
- LM - Local Manufacturing
- P - Auto Parking

- PF - Public Facilities
- R1-40 - Single Family Residential
- R1-50 - Single Family Residential
- R1-60 - Single Family Residential
- R1-75 - Single Family Residential
- R2F Two-Family Residential
- RB - Roadside Business
- RMF - Multi-Family Residential
- RRB - Residential/Business
- RS - Residential Suburban



County Auditor Property Map (subject property outlined in red)



Street View – July 2019 | Looking Westward

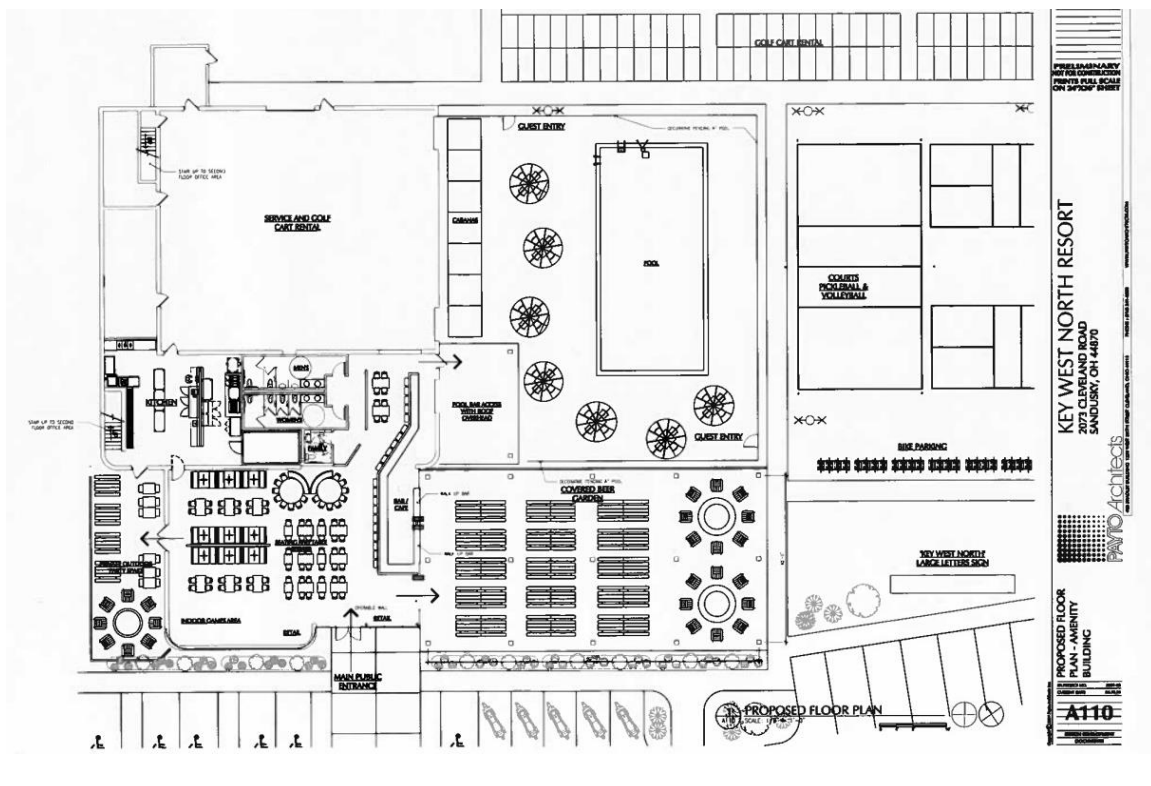


Street View – July 2019 | Looking Eastward









## PROJECT DESCRIPTION

The site is approximately 9.915 acres. The proposal is to construct “Key West North Resort” a 99-unit resort motel consisting of free-standing cottages, repurposing the existing 9,400 sq. ft. building at 2055 Cedar Pt. Rd as an amenity center, and an 111,105 sq. ft. parking lot. The amenity center will be a combination of restaurant/bar, games, retail, golf cart rental, and sports uses open to the public, and a pool for resort guests. The future Sandusky Bay Pathway runs along the northern edge of the property, and the site plan includes connectivity for resort guests to access the Pathway and for Pathway users to reach the amenity center.

There will be three cottage types, all of which vary by size and design listed as Unit: A, B, and C. The site program consists of 89 *unit A* types, 5 *unit B* types, and 5 *unit C* types.



The new parking lot will provide 96 public parking spaces and each cottage will have off street parking for 2 vehicles.

The existing former greenhouse campus will be demolished as part of this process. The existing rental home will remain and be managed by the resort. The existing former dealership building will be repurposed and expanded upon to become the amenity center.

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#### APPLICABLE CODE SECTIONS

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### CHAPTER 1133 Business Districts

#### 1133.04 PERMITTED BUILDINGS AND USES; LOCAL BUSINESS DISTRICT.

##### (a) Main Buildings and Uses.

- (1) Dwellings, of the type permitted and as regulated in the least restrictive contiguous district;
- (2) Retail stores and services conducted wholly within enclosed buildings, and devoted to supplying neighborhood needs to the following limited extent:
  - A The sale of baked goods, confectionery, groceries, meats, fruits, vegetables, and dairy products.
  - B. The sale, serving, and consumption of soft drinks, juices, ice cream, beer, and wine, at such places as lunchrooms and tea rooms;
  - C. The sale of drugs, gifts, antique and art goods, flowers, periodicals, musical instruments and supplies (provided no loudspeaker broadcasts onto the street), tobacco, and sporting and athletic goods;
  - D. The sale of tools, paint, seed, garden supplies, and household appliances;



E. Personal services, such as beauty and barber shops, laundry agencies, laundromats, shoe and hat repair, radio and television repair, interior decorating, tailor, pressing and dry cleaning shops in which only nonexplosive and nonflammable solvents are used, provided that not more than one pressing or cleaning machine shall be used, or not more than 2 persons are engaged in such work, and no work shall be done on the premises for retail outlets elsewhere;

F. Automotive service stations; the sale of gasoline and oil, and the parking of automobiles are permitted in open areas. Services are limited to lubrication and minor repairing services, and only where performed wholly within an enclosed building;

G. Principal offices for dentists, doctors, and similar professions, financial institutions, and principal offices of real estate and similar businesses.

### **1133.05 PERMITTED BUILDINGS AND USES; ROADSIDE BUSINESS DISTRICT.**

#### **(a) Main Buildings and Uses.**

(1) All stores, services, dwellings, and other uses permitted in Local Business Districts;

(2) Additional retail business stores and services conducted wholly within enclosed buildings, or adjoining and operated in connection with an establishment in an enclosed building to the following extent:

A. The sale and serving of all beverages, and eating places of all types permitting dancing and live entertainment. Conditional use permits shall be obtained by places selling or serving alcoholic beverages, and by all drive-in establishments;

**B. Motels,** hotels; fraternal and social clubs, and labor union halls;

C. Automotive services, repair or service garages, and buildings for the sale of new and second-hand motor vehicles. The parking of vehicles with or without a fee, the sale of gasoline and oil, and the sale of motor vehicles may be permitted on an open lot, providing all requirements for front yards in the Business District as set forth in the Zoning Code are met;

D. The sale of boats and other marine supplies; motorcycles, bicycle shops; sports and athletic equipment; pet shops;

E. Amusement and recreational services, such as assembly and meeting halls, billiard halls, bowling alleys, dance halls, indoor theaters, skating rinks, and other social, sports, or recreation establishments, provided the services are conducted within a building, sufficiently sound-insulated to confine the noise to the premises;

F. Nursery stock, monuments, garden equipment, supplies, and garden furniture may be sold on an open lot, provided the operation is in connection with an established related business conducted within a building not more than 150 feet therefrom, and provided goods are not sold, displayed, or stored in a required yard;

(3) Microbrewery.

## **CHAPTER 1107**

### **Definitions**

“Motel” means a building or buildings (detached or semidetached) having separate outside entrance or entrances, and containing accommodations for compensation for automobile travelers and vacationers.

## **CHAPTER 1149**

### **Site Plan Review and Off-Street Parking**

#### **1149.04 MEASUREMENT STANDARDS.**

For the purpose of determining accessory off-street parking requirements definitions and standards shall be as follows:

(..)

(c) Floor Area. The total area of all the floors measured from the exterior faces of the building (except the floor, or part thereof, used for the storage or warehousing may be waived with administrative approval and if not approved by the administration, the Planning Commission may approve the waiver), or where set forth in the following schedule, only the floor area used by specific use.

#### **1149.05 SCHEDULE OF REQUIRED OFF-STREET PARKING.**

(Commercial and Manufacturing)

(...)

(5) Hotels, motels, tourist homes – 1 space per guest room or suite plus parking for restaurant if any.

(c) Amusement and Assembly.

(..)

(2) Dance halls, skating rinks, swimming pools and arcades

1 space per 50 sq. ft. of area used for dancing, skating or swimming.

(d) Business.

(..)

(4) Eating places, bars, taverns

1 space per 100 square feet gross floor area

#### **1149.06 SEPARATE OR COMBINED USE OF FACILITIES.**

(..)

(c) Provided, however, where there is a sharing of facilities by different owners, there shall be a contract covering a period of time as may be required by the Commission, and provided further that, should any of the uses be changed or the facilities discontinued, then the required spaces for the use or uses remaining shall be provided elsewhere as a condition precedent to the continued use of the building.

---

**SUPPLEMENTAL NOTES / PLANNING DIVISION COMMENTS**

---

The parking requirements according to each proposed land use for the site are as follows:

Pool – 33 spaces

Restaurant/Bar – 69 spaces

Outdoor sports area - 12

Motel - 120

Total space required: 234

Total spaces proposed: 303

The proposal is above the 25-space minimum for landscaping requirements. Four landscaped islands measuring at least 100 square feet are required including

- 1) At least one hardy deciduous 2-inch minimum caliper canopy tree.
- 2) The area of the island not occupied by trees shall consist of ground cover, grass and/or shrubbery.
- 3) The island shall be contained within a poured-in place or pre-cast 6-inch high concrete curb.

Staff has determined these requirements are met. All land, area, and use standards are met.

The light fixture designs are fully shielded and acceptable as submitted as long as all light temperatures are 3,000k or less. Each fixture is available in multiple light temperatures and staff directed the applicant to choose fixtures with appropriate light temperature to be International Dark Sky compliant.

---

**OTHER DEPARTMENT COMMENTS**

---

**Engineering Staff:**

Engineering submitted the following comments:

- “Outer” Driveways should be restricted for right turn entrances/exits ONLY (site plan notes exits only)
- The design team should coordinate the realignment with engineering to ensure drainage basins and manholes included in the Cleveland Road project do not conflict with main entrance.
- Fire Hydrants shall have Storz fittings.
- For phased construction, it’s recommended that the detention pond be created as a part of Phase 1, to reduce the direct runoff from the development.
- For phased construction, it’s advised that the bike path still be connected to the ends of the walkways headed Northerly to meet the Sandusky Bay Pathway.

- The next iteration of design needs to include typical section of roadway with more detail including curb location and materials and sidewalk design.
- Will eventually need more details on utilities for the respective PW departments to review.

**Building Staff:**

No objections or concerns. Additional submittals showing compliance with Ohio Building Code & ADA codes will be required.

**Police Department:**

No objections have been received as of the writing of this report.

**Fire Department:**

Fire would like to see a site plan showing the proposed locations of fire hydrants on site. First round comments asked that a turnaround, or adequate fire access as determined by the fire Chief, be added to the proposed service road to the rear of the amenities building. An site plan update was submitted on 5.15.24 showing the service road connected to the street grid, which is expected to address this comment.

**Code Compliance**

No objections or concerns.

---

**CONCLUSION/RECOMMENDATION**

---

Staff recommends the approval of the proposed site plan 2055, 2071, 2073, and 2075 Cleveland Rd. (Parcels 57-02560.000, 57-02810.000, 57-01025.000, 57-01027.000, 57-01035.000)

with the following conditions:

1. All applicable permits are obtained through the Building Department, Engineering Department, Division of Planning and any other applicable agency prior to construction.
2. Parcels 57-02560.000, 57-02810.000, 57-01025.000, 57-01027.000, 57-01035.000 are combined prior to construction.
3. Color temperature of light fixtures does not exceed 3,000 kelvin.
4. Engineering staff and fire department comments are resolved in detailed design phases prior to construction.



## PLANNING COMMISSION

Application for Site Plan Approval

Division of Planning  
240 Columbus Ave  
Sandusky, Ohio 44870  
419.627.5891

[www.cityofsandusky.com](http://www.cityofsandusky.com)

### APPLICANT/AGENT INFORMATION:

Property Owner Name:	Judith Corso, Jeff Corso & Bryan Kasper
Property Owner Address:	2137 Cedar Point Road
	Sandusky, OH 44870
Property Owner Telephone:	419-357-2285
Property Owner Email:	mamacorso@aol.com
Authorized Agent Name:	Chris Corso
Authorized Agent Address:	2147 Cedar Point Road
	Sandusky, OH 44870
Authorized Agent Telephone:	614-946-9487
Authorized Agent Email:	chris@mailrz.com

### LOCATION AND DESCRIPTION OF PROPERTY:

*and 2073*  
Municipal Street Address: 2037 Cleveland Road

Legal Description of Property (check property deed for description):  
\_\_\_\_\_

Parcel Number: \_\_\_\_\_ Zoning District: Roadside Bus.

**DETAILED SITE INFORMATION:**

**Land Area of Property:** 431,893 sf (9.915 acres) (sq. ft. or acres)

**Total Building Coverage (of each existing building on property):**

**Building #1:** \_\_\_\_\_ (in sq. ft.)

**Building #2:** \_\_\_\_\_

**Building #3:** \_\_\_\_\_

**Additional:** \_\_\_\_\_

**Total Building Coverage (as % of lot area):** 12.2%

**Gross Floor Area of Building(s) on Property (separate out the square footage of different uses – for example, 800 sq. ft. is retail space and 500 sq. ft. is storage space:** 12,724 sf of existing buildings

89 new type A units, 5 type B units and 5 type C units for a total unit area of 52,560 sf

**Proposed Building Height (for any new construction):** Varies, see units

**Number of Dwelling Units (if applicable):** N/A

**Number of Off-Street Parking Spaces Provided:** 118 public + 2 per unit

**Parking Area Coverage (including driveways):** 111,105 (in sq. ft.)

**Landscaped Area:** Varies (in sq. ft.)

**PROPOSED DEVELOPMENT (check those that apply):**

- ☒ **New Construction (new building(s))**  
☐ **Addition to Existing Building(s)**  
☒ **Change of Use in Existing Building(s)**

**Description of Proposed Development (Describe in detail your development plans, for example – proposed use, size of building or proposed addition, hours of operation, days of operation, seating capacity, etc.):**

See marketing materials. The development is a family oriented resort with

concentrated amenities. The existing former car dealership building will be

converted to an amenity center that serves not only the development but is open

to the public. The existing residence on the <sup>Property</sup> ~~house~~ will remain a rental property.

Unit types consist of 400 sf 2 bedroom cottages up to 3 and 4 bedroom townhouses.

All units in the development are rentals.

**APPLICATION AUTHORIZATION:**

If this application is signed by an agent, authorization in writing from the legal owner is required. Where owner is a corporation, the signature of authorization should be by an officer of the corporation under corporate seal.

Jonathan A. Corcoran  
Signature of Owner or Agent

4-22-24  
Date

**PERMISSION TO ACT AS AUTHORIZED AGENT:**

As owner of 2073 Cleveland Rd (municipal street address of property), I hereby authorize Jeff Foster to act on my behalf during the Planning Commission approval process.

Jonathan A. Corcoran  
Signature of Property Owner

4-22-24  
Date

**REQUIRED SUBMITTALS:**

1 copy of a site plan/off-street parking plan for property  
\$25.00 application fee

**APPLICATION MUST BE FILLED OUT COMPLETELY**

**STAFF USE ONLY:**

Date Application Accepted: \_\_\_\_\_ Permit Number: \_\_\_\_\_

Date of Planning Commission Meeting: \_\_\_\_\_

Planning Commission File Number: \_\_\_\_\_







PLANNING COMMISSION SUBMISSION FOR:

KEY WEST NORTH RESORT

2073 CLEVELAND ROAD

SANDUSKY, OH 44870

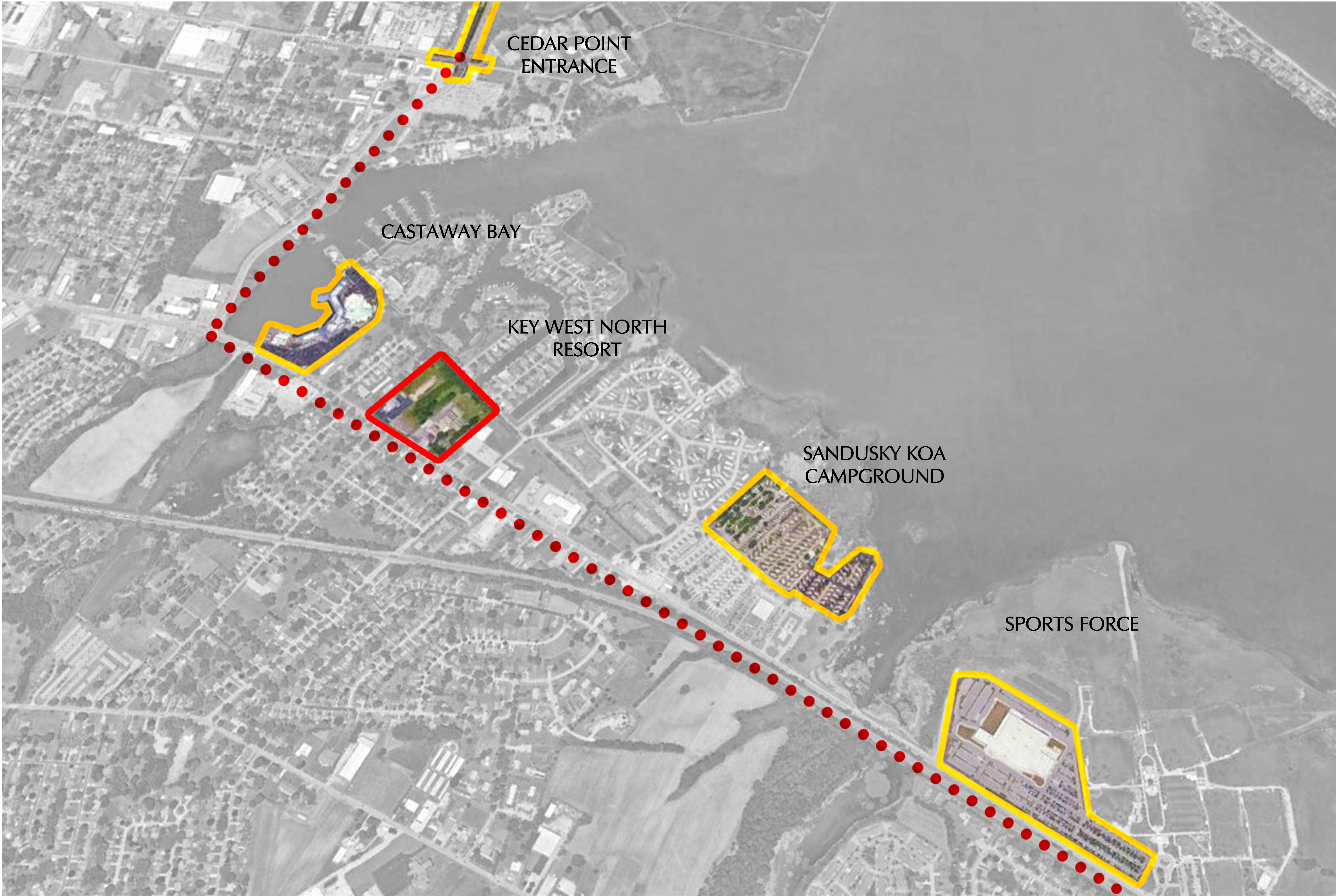


SUBMISSION INDEX	
A102	CONTEXT SITE PLAN
-	MARKETING MATERIALS
-	EXISTING SITE SURVEY
SP101	SITE PLAN
A121	OVERALL BIRDS EYE VIEWS
-	PROPOSED SITE IMPROVEMENT PLAN
-	LIGHTING PHOTOMETRIC PLAN & CUT SHEETS
A110	FLOOR PLAN - AMENITY CENTER
A120	UNIT PLANS AND EXTERIORS

ISSUED FOR SITE PLAN APPROVAL:  
APRIL 19, 2024

STRUCTURAL ENGINEER:	MEP/FP ENGINEER:	CIVIL ENGINEER:
OREVEC DESIGN BUILD 9329 RAVENNA RD. SUITE E TWINSBURG, OH 44087 (330) 552-8211	DENK ASSOCIATES 503 EAST 200TH STREET CLEVELAND, OH 44119 (216) 531-8880	CONTRACTORS DESIGN ENGINEERING 1623 OLD STATE ROAD NORWALK, OH 44857 (419) 663-0885





CEDAR POINT  
ENTRANCE

CASTAWAY BAY

KEY WEST NORTH  
RESORT

SANDUSKY KOA  
CAMPGROUND

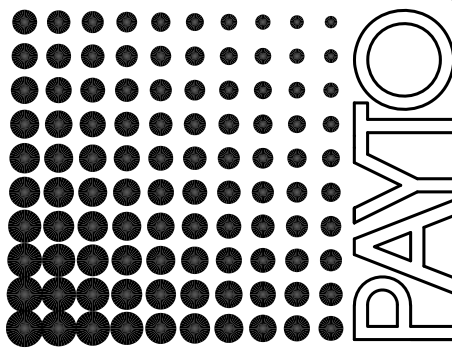
SPORTS FORCE

ISSUE DATE: 04.19.24

**PRELIMINARY**  
NOT FOR CONSTRUCTION  
PRINTS FULL SCALE  
ON 24"X36" SHEET

# KEY WEST NORTH RESORT

2073 CLEVELAND ROAD  
SANDUSKY, OH 44870



SITE PLAN

PA PROJECT NO. 2021-60  
CURRENT DATE 04.19.24

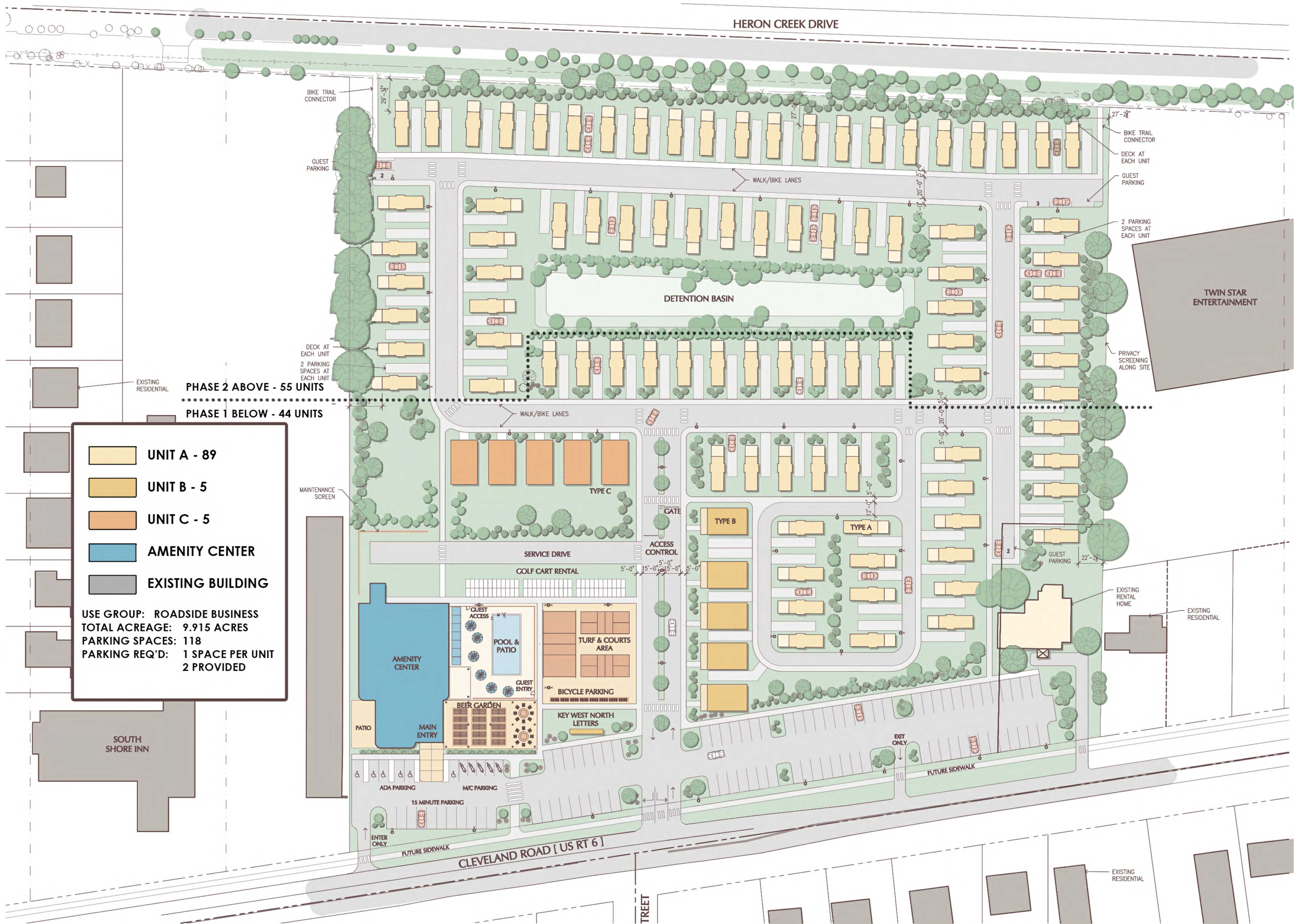
# A102

**PRELIMINARY DEVELOPMENT  
PLANS**

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405 BRADLEY BUILDING 1220 WEST SIXTH STREET CLEVELAND, OHIO 44113 PHONE : (216) 241-6800 WWW.PAYTOARCHITECTS.COM









# KEY WEST NORTH *Resort*

IN AMAZING SANDUSKY, OHIO



## Stay. Eat. Play. Explore

AN ALL-IN-ONE LUXURY EXPERIENCE IN SANDUSKY, OHIO



Welcome to Key West North Resort, a luxury getaway haven in the heart of Sandusky, Ohio. Boasting the best location in Sandusky, Key West North Resort is nestled directly between the entrance to Cedar Point and Sports Force, providing guests easy access to the city's most prominent tourism attractions. With its vibrant energy and family-friendly atmosphere, our resort promises an unforgettable getaway for guests of all ages.

**Address:** 2073 Cleveland RD Sandusky, OH



# Stay.



Escape to a world of unparalleled luxury and comfort with our exquisite collection of luxury cottages and townhomes at Key West North Resort.



## Luxury 1 Bedroom Cottages

These charming abodes redefine the concept of upscale accommodations in a compact space. With multiple floor plans to choose from that accommodate between 2-4 guests, our luxury cottages feature exquisite high end finishes. All floor plans feature brand name appliances and modern touches that deliver a smart, stylish vacation experience that feels anything but small.

## Luxury 2 Bedroom Cottages

Our luxury 2 bedroom cottages are designed with all of the care opulent features as our one bedroom cottages, but feature a second full bedroom and can accommodate up to 6 guests.



**1 Bedroom**



**2 Bedroom**

## Luxury Cottage Features:

- ◆ 95 AVAILABLE UNITS
- ◆ 1 MASTER BEDROOM WITH QUEEN BED
- ◆ TWIN BUNK BEDS
- ◆ LIVING ROOM
- ◆ 1 FULL BATH WITH SHOWER/TUB COMBO
- ◆ FULL KITCHEN
- ◆ IN-MODEL WASHER AND DRYER
- ◆ TV
- ◆ COVERED PORCH
- ◆ A/C
- ◆ SOME DOG FRIENDLY UNITS
- ◆ HIGH SPEED INTERNET ACCESS

**Address:** 2073 Cleveland RD Sandusky, OH



# Stay.



Escape to a world of unparalleled luxury and comfort with our exquisite collection of luxury cottages and townhomes at Key West North Resort.



## Executive Townhouses

Our exclusive collection of 4-bedroom luxury townhouses represent the epitome of luxury living, combining elegance and comfort for the entire family. With meticulous attention to detail and unparalleled craftsmanship, our executive townhomes offer a lifestyle of unparalleled sophistication.



## Townhouse Features:

- ◆ 10 AVAILABLE UNITS
- ◆ ACCOMMODATES UP TO 10 GUESTS
- ◆ SPACIOUS FLOOR PLAN
- ◆ GOURMET KITCHEN
- ◆ HIGH- END APPLIANCES
- ◆ 4 BEDS/2.5 BATHS
- ◆ COVERED PORCHES
- ◆ IN-MODEL WASHER AND DRYER
- ◆ TV
- ◆ A/C
- ◆ SOME DOG FRIENDLY UNITS
- ◆ HIGH SPEED INTERNET ACCESS

**Address:** 2073 Cleveland RD Sandusky, OH





# Eat.

At the Key West North Resort, our dining amenities are designed with the entire family in mind while elevating your dining experience to new heights. Whether you are sipping beer around the fire pit, savoring a perfectly brewed coffee at the bar, or exploring the treasures of our market, every bite and sip is crafted to delight your senses and create lasting memories of your stay with us.

Whether you're looking to start your day with family brunch, seeking a casual meal after a day of adventuring, or a place to toast to a memorable vacation, we're here to ensure your dining experience is nothing short of exceptional. Pint House is your neighborhood home away from home restaurant perfect for the entire family. Never miss a second of the action and join us daily to catch the big game on one of our 25+ TVs.



Pint House



Coffee and Smoothie Bar

Experience the convenience of our on-site market, offering a curated selection of gourmet treats, local specialties, and everyday necessities. Stock up on essentials for your stay or find the perfect souvenir to savor the flavors of your time with us long after you've returned home.

For a refreshing break or a quick pick-me-up, visit our coffee and smoothie bar. Indulge in expertly crafted espresso drinks made from premium beans, or choose from a variety of freshly blended smoothies bursting with tropical flavors and wholesome ingredients.



Resort Market

**Address:** 2073 Cleveland RD Sandusky, OH



# Play.

KEY WEST NORTH  
*Resort*

At Key West North Resort, there's never a dull moment! Our resort is designed with families in mind, offering a host of family-friendly amenities to ensure a memorable and enjoyable stay for guests of all ages. In addition to many on-site activities and amenities,



## On-Site Activities & Amenities:

- ◆ HEATED POOL
- ◆ COMMUNAL FIRE PIT
- ◆ TURF PLAY AREA
- ◆ PICKLEBALL COURTS
- ◆ 2 HOT TUBS: 1 FOR ADULTS AND 1 FOR KIDS
- ◆ BIKE AND JOGGING TRAIL CONNECTION
- ◆ WEEKEND ENTERTAINMENT & SPECIAL EVENTS CALENDAR
- ◆ FITNESS CLUB
- ◆ E-BIKE RENTALS
- ◆ STREET-LEGAL GOLF CART RENTALS

**Address:** 2073 Cleveland RD Sandusky, OH





# Explore.

Our dedicated concierge team is here to ensure that your experience exceeds expectations, from the moment you arrive until the time you depart. Whether you're seeking recommendations for local attractions, arranging transportation, or making dining reservations, our knowledgeable concierge staff is at your service to provide expert guidance and assistance.



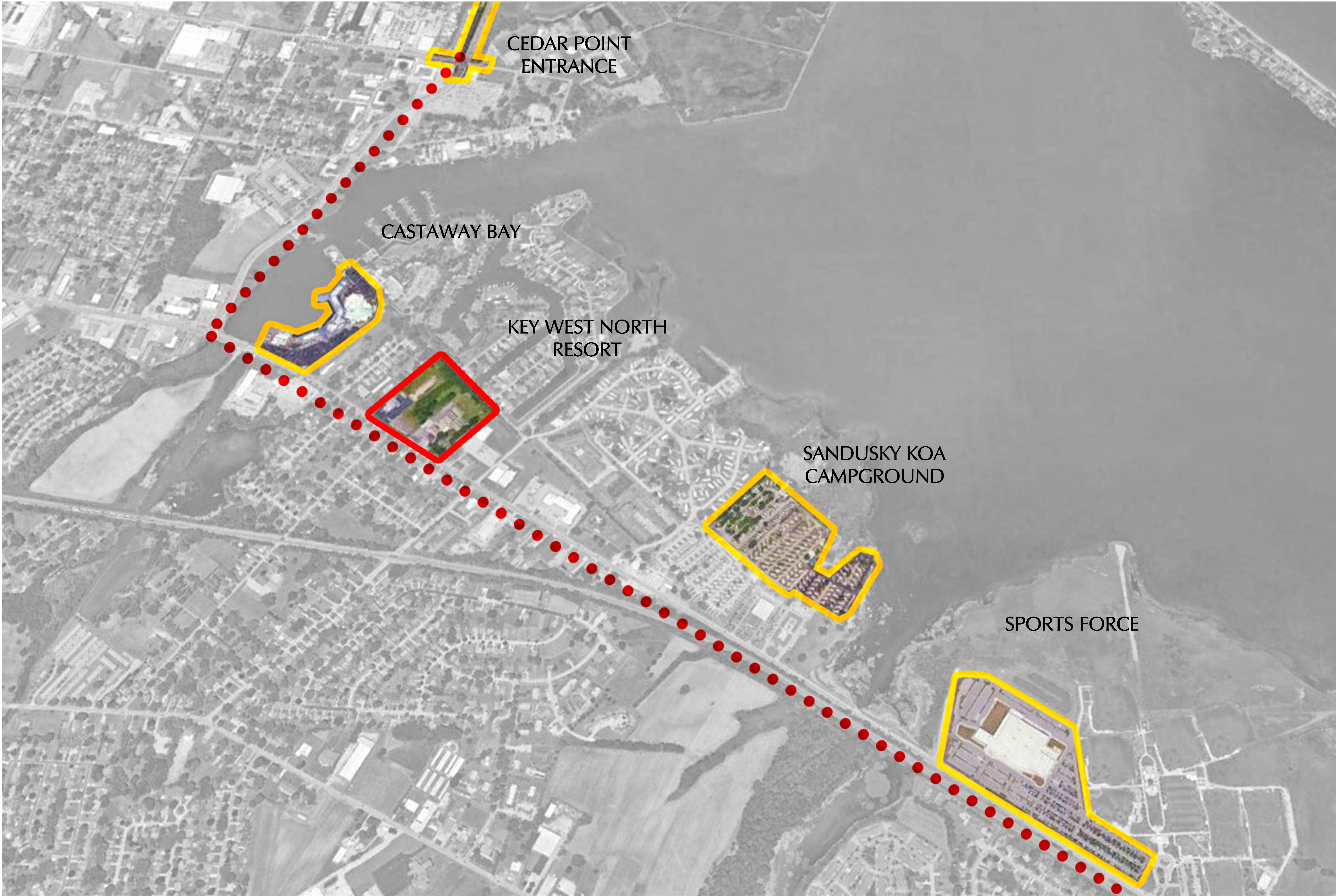
## Activities our concierge team can assist with:

- ◆ HEATED POOL
- ◆ CEDAR POINT TICKETS
- ◆ MUSEUM TICKETS
- ◆ ISLAND TOURS
- ◆ LOCAL RESTAURANT RECOMMENDATIONS & RESERVATIONS
- ◆ FISHING TRIPS
- ◆ BOAT RENTALS
- ◆ RESTAURANT AND WINERY TOURS  
TRANSPORTATION
- ◆ ACCESS TO A VARIETY OF CLUBS INCLUDING:
  - ~ SHOOTING CLUBS
  - ~ TROUT FISHING CLUBS



**Address:** 2073 Cleveland RD Sandusky, OH





ISSUE DATE: 03.26.24

PRELIMINARY  
NOT FOR CONSTRUCTION  
PRINTS FULL SCALE  
ON 24"X36" SHEET

KEY WEST NORTH RESORT  
2073 CLEVELAND ROAD  
SANDUSKY, OH 44870

PAYTO Architects  
405 BRADLEY BUILDING 1220 WEST SIXTH STREET CLEVELAND, OHIO 44113  
PHONE : (216) 241-6800  
WWW.PAYTOARCHITECTS.COM

SITE PLAN

PA PROJECT NO. 2021-60  
CURRENT DATE 03.26.24

A102

PRELIMINARY DEVELOPMENT  
PLANS

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File Name: Z:\CD\Eng\23-470 Corso Survey & Homes Project - Cleveland Rd\23-470 Corso Site.dwg



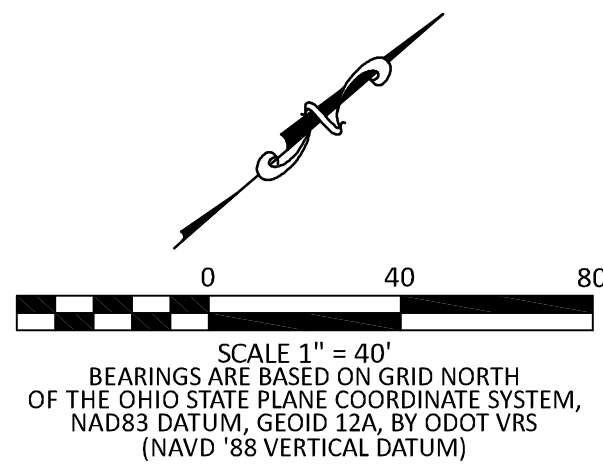
LEGEND		
SET	FOUND	DESCRIPTION
●	○	IRON PIN (ROD)
●	○	IRON PIPE
⊙	⊙	MAG SPIKE
⊠	⊠	MONUMENT BOX
⊗	⊗	DRILL HOLE
(D)	DEED	(M) MEASURED
(P)	PLATTED	(C) CALCULATED
	(S)	SURVEY
ALL 5/8" IRON PINS SET ARE 30" LONG REBAR WITH YELLOW PLASTIC CAPS STAMPED "C.D. ENG 8456 & 8512"		

LEGEND	
EXISTING	DESCRIPTION
SA	SANITARY SEWER
ST	STORM SEWER
W	WATER MAIN
G	GAS LINE
T	TELEPHONE LINE
OE	OVERHEAD ELECTRIC LINE
E	ELECTRIC LINE
CATV	CABLE & TELEVISION LINE
—X—	FENCE LINE
—+—	CENTER LINE
—+—	RIGHT OF WAY LINE
⊙	MANHOLE
⊙	CATCH BASIN
⊙	CLEANOUT
⊙	WATER VALVE
⊙	FIRE HYDRANT
⊙	WATER METER
⊙	GAS METER
⊙	WATER SERVICE
⊙	GAS VALVE
⊙	POWER POLE
⊙	LIGHT POLE
⊙	POLE W/ DOWN GUY
⊙	TREE
⊙	SIGN

SANITARY SEWER TABLE						
STRUCTURE	TYPE	RIM	DIRECTION	PIPE SIZE	PIPE ELEVATION	PIPE TYPE
SA-1	Manhole	574.38	W	10"	570.15	---
			E	10"	570.15	---
SA-2	Manhole	574.16	E	8"	572.16	Clay
			W	10"	571.36	Metal

STORM SEWER TABLE						
STRUCTURE	TYPE	RIM	DIRECTION	PIPE SIZE	PIPE ELEVATION	PIPE TYPE
CB-1	Catch Basin	574.15	N	6"	576.08	Clay
			S	6"	575.70	Metal
CB-2	Catch Basin	578.47	E	8"	576.23	PVC
CB-3	Catch Basin	578.28	W	8"	576.13	PVC
CB-4	Catch Basin	578.91	N	6"	576.27	PVC
			S	6"	576.23	PVC
CB-5	Catch Basin	578.98	E	6"	577.12	Poly
			S	6"	577.24	PVC
CB-6	Catch Basin	578.63	W	12"	574.08	---
			N	8"	574.83	PVC
			E	10"	574.08	---
CB-7	Catch Basin	577.78	W	10"	574.38	PVC
			E	10"	574.38	PVC
ST-1	Manhole (Brick)	577.71	N	6"	575.36	Clay
			S	6"	575.16	Clay

SEE BOUNDARY SURVEY FOR ADDITIONAL INFORMATION.



KAGLAND, LLC & THE CORSO FAMILY  
City of Sandusky, Erie County, Ohio  
TOPOGRAPHIC SURVEY

**CONTRACTORS**  
**DESIGN ENGINEERING**  
CONSULTING ENGINEERS & SURVEYORS  
NORWALK, OHIO

DATE: OCTOBER, 2023	CK'D BY: ABE	PROJECT NO.
DR: KNR	REV'D BY:	23-470





**PRELIMINARY**  
**NOT FOR CONSTRUCTION**  
**PRINTS FULL SCALE**  
**ON 24"X36" SHEET**

# KEY WEST NORTH RESORT

2073 CLEVELAND ROAD  
SANDUSKY, OH 44870

PAYTO Architects  
405 BRADLEY BUILDING 1220 WEST S

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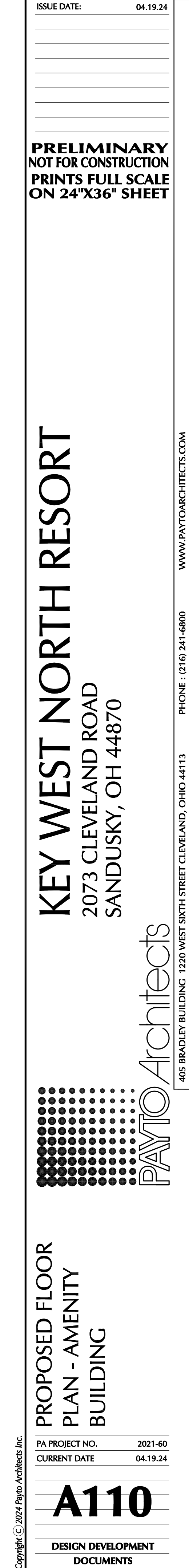
## BIRDSEYE

PA PROJECT NO.	2021-60
CURRENT DATE	03.26.24

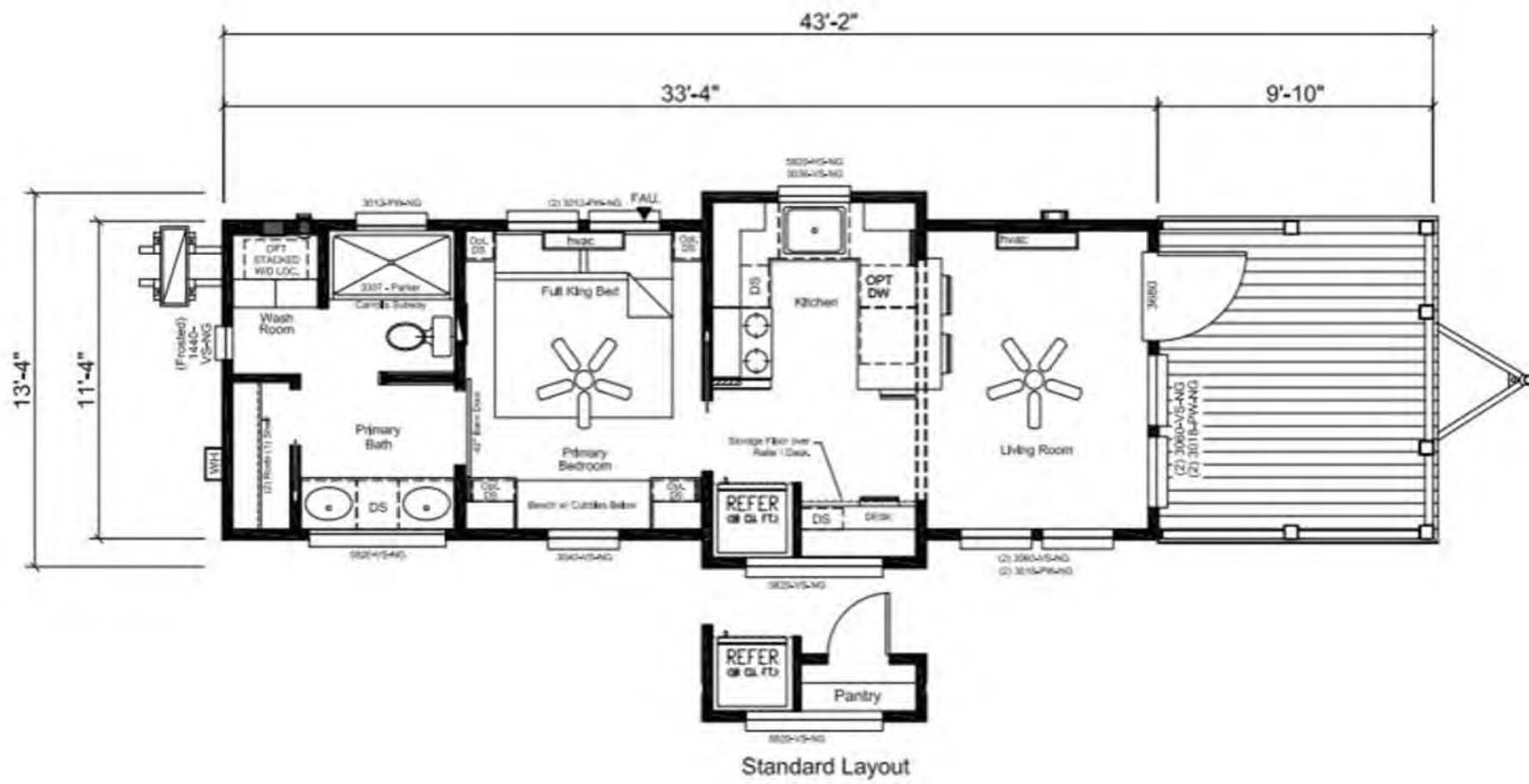
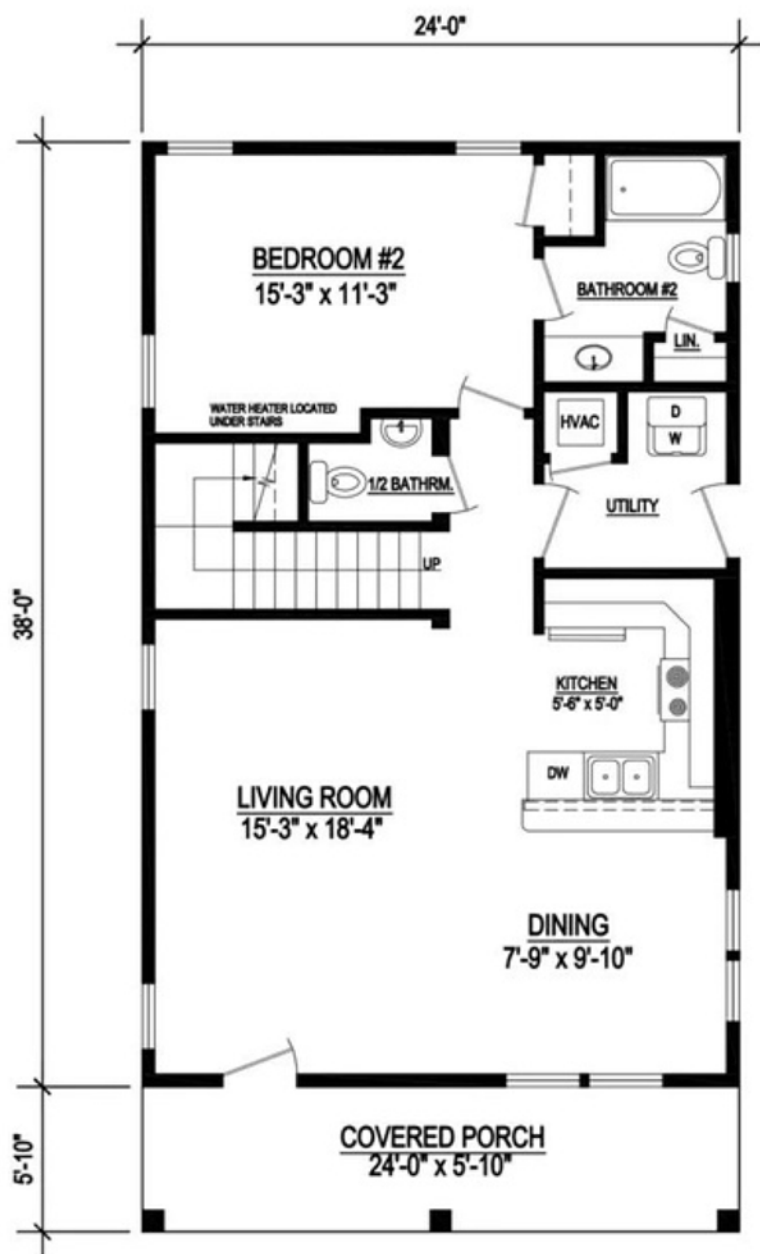
# A121

## DESIGN DEVELOPMENT DOCUMENTS









3 UNIT C  
A120

2 UNIT B  
A120

1 UNIT A  
A120





3  
A120  
NTS

UNIT TYPE B & INSPIRATION PHOTOS



1  
A120  
NTS

UNIT TYPE C

Cumberland

398 sq. ft. | 14x40

> \$64,610

Base Price

> \$5,115

Total Options

> \$150

RVIA Label

> \$69,875

Total Price\*

PLANT

FOB: Addison, AL

\*Furniture and decor not included. Freight is an additional cost.

ParkModelsByClayton.com | 800-743-2284

We turn Let's Go into a lifestyle.

1  
A120  
NTS

UNIT TYPE A

Standard Version w/ 10ft Porch

Lakeside

TINY COLLECTION

\*OAKLEY\*

14x40 LB-113

1441

1041 3100

1041 3100

1041 3100





# LifeStyle Small (XDLS)

## Outdoor Decorative Area Light



### OVERVIEW

Lumen Package (lm)	3,000 - 12,000
Wattage Range (W)	20 - 86
Efficacy Range (LPW)	129 - 164
Weight lbs (kg)	24 (10.8)

### QUICK LINKS

## FEATURES & SPECIFICATIONS

### Construction

- Cast aluminum. Wiring emerges from crown through compression seal fitting to prevent water entry. One-piece silicone gasket seals crown to shade for water and dust-tight construction.
- Spun aluminum shade. Two shade styles available - A - Angle and B - Bell.
- Brackets are extruded and cast aluminum assemblies or fabrications. All decorative elements are die cast or extruded aluminum.
- Luminaire is proudly made in the U.S.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 24 lbs in carton.

### Optical System

- Low glare mid-powered LEDs available in 5000K, 4000K, 3500K, 3000K and 2700K color temperatures per ANSI C78.377. Also available in Phosphor Converted Amber with Peak intensity at 610nm.
- 6 distribution types 3W, 4F, 5Q, 5R, 5D & AD
- Diffused lens version provides maximum visual comfort with reduced brightness and LED pixelization

- Minimum CRI of 80.
- Zero uplight.

### Electrical

- High-performance driver features overvoltage, under-voltage, short-circuit and over temperature protection (6kV surge standard).
- 0-10V dimming (10% - 100%) Optional.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- Total harmonic distortion (THD): <20%
- Operating temperature: -40°C to +40°C (-40°F to +104°F).
- Power factor (PF): >.90
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

### Controls

- Integral passive infrared Bluetooth™ motion and photocell sensor options. Fixtures operate independently and can be commissioned via an iOS or Android configuration app.
- LSI's AirLink™ Blue lighting control system is a simple feature rich wireless Bluetooth mesh network. The integrated fixture sensor module provides wireless control of grouped fixtures based on motion sensors,

daylight or a fully customizable schedule. Updates and modifications to the control strategy are easily implemented via an intuitive iOS app.

### Installation

- Classic Hook (CH) and Side Arm (SA - 4" O.D. minimum pole top required) available. See Steel Round Pole and Aluminum Round Pole data sheets for pole selection information.
- Side Arm pole mount requires LSI B3 reduced drilling pattern.
- Classic hook mount requires a 4" O.D. pole or tenon.

### Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

### Listings



- Listed to UL 1598 and UL 8750.
- Suitable for wet Locations.
- US patent 7,828,456 8,002,428, 8,177,386 8,434,893
- Meets Buy American Act requirements.
- IDA compliant; with 3000K and warmer color temperature selection.

LifeStyle Small (XDLS) Outdoor Decorative Area Light

Type : \_\_\_\_\_

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: XDLS B 9L 5Q UNV 30K8 BLK CH S ALBCS1								
Prefix	Lumen Package	Distribution	Voltage	CCT/CRI	Finish	Mounting Style <sup>2,3</sup>	Mounting Configuration <sup>2,3</sup>	Controls
<b>XDLSA</b> - LifeStyle Angle Shade <sup>1</sup> <b>XDLSB</b> - LifeStyle Bell Shade <sup>1</sup>	<b>3L</b> - 3,000 lm, 20w <b>5L</b> - 5,000 lm, 36w <b>6L</b> - 6,000 lm, 42w <b>9L</b> - 9,000 lm, 62w <b>12L</b> - 12,000 lm, 86w	<b>3W</b> - Type 3 Wide <b>4F</b> - Type 4 Forward <b>5Q</b> - Type 5 Square <b>5R</b> - Type 5 Rectangular <b>5D</b> - Type 5 Diffuse <b>AD</b> - Asymmetric Diffuse	<b>UNV</b> - Universal Voltage (120 - 277V) <b>HV</b> - High Voltage (347 - 480V)	<b>27K8</b> - 2700K, 80CRI <b>30K8</b> - 3000K, 80CRI <b>35K8</b> - 3500K, 80CRI <b>40K8</b> - 4000K, 80CRI <b>50K8</b> - 5000K, 80CRI	<b>BLK</b> - Black <b>BRZ</b> - Bronze <b>WHT</b> - White <b>GPT</b> - Graphite <b>GMG</b> - Gun Metal Grey <b>MSV</b> - Metallic Silver <b>PLP</b> - Platinum Plus <b>SVG</b> - Satin Verde Green	<b>CH</b> - Classic Hook <b>SA4</b> - Side Arm Mount for 4" O.D. Round Poles <sup>3</sup> <b>SA5</b> - Side Arm Mount for 5" O.D. Round Poles <sup>3</sup> <b>SAW</b> - Side Arm WallMount	<b>S</b> - Single <b>D180</b> - Double @ 180° <b>D90</b> - Double @ 90° <sup>4</sup> <b>T90</b> - Triple @ 90° <sup>4</sup> <b>TN120</b> - Triple @ 120° <sup>4</sup> <b>Q90</b> - Quad <sup>4</sup>	<b>Blank</b> - None  <b>Wireless Controls System</b> <b>ALBCS1</b> - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' MH) <b>ALBCS2</b> - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' MH)  <b>Stand-Alone Controls</b> <b>IMSBT1L</b> - Integral Bluetooth™ Motion and Photocell Sensor (8 - 24' mounting height) <sup>7</sup> <b>IMSBT2L</b> - Integral Bluetooth™ Motion and Photocell Sensor (25 - 40' mounting height) <sup>7</sup> <b>EXT</b> - 0-10v Dimming leads extended to housing exterior
 <b>Need more information?</b> <a href="#">Click here for our glossary</a>						<b>Have additional questions?</b> Call us at (800) 436-7800 		

ACCESSORY ORDERING INFORMATION

Part Number	Description
<b>FK120</b>	Single Fusing (120V) <sup>5</sup>
<b>FK277</b>	Single Fusing (277V) <sup>5</sup>
<b>DFK480</b>	Double Fusing (480V) <sup>5</sup>
<b>DFK347</b>	Double Fusing (347V) <sup>5</sup>
<b>828001</b>	XDLS External House Side Shield (Black Finish Only)

MOTION SENSOR AND PHOTOCELL

Integral button photocell (PCI) available for basic on/off luminaire control based on ambient light levels. Integral BlueTooth motion sensor available for standalone control (IMSBT) or mesh network for grouping multiple fixtures and sensors (ALBCS).



1 When ordering a multiple configuration (D180, etc.) order one fixture/bracket configuration per pole - i.e. order one XDLSB 3 LED SS CW UE BLK CH D180 PCI120 to receive two fixtures and one CH D180 bracket (see drawing on this page). See STEEL ROUND POLES and ALUMINUM ROUND POLES data sheets for pole ordering information.

2 See Lifestyle Bracket ordering chart for Mounting Style/Configurations availability.

3 B3 reduced drilling pattern required.

4 For use with SA4 and SA5 mounting styles only.

5 Fusing must be located in the hand hole of pole.

6 LEDs are frequently updated therefore values are nominal

7 IMSBT1L is field configurable via the Leviton app that can be downloaded from your smartphone's app store.



## PERFORMANCE

Delivered Lumens																		
Lumen Package	Distribution	CRI	2700K CCT			3000K CCT			3500K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
3L	3W	80	2,348	117	B1-U0-G1	2,763	138	B1-U0-G1	2,811	141	B1-U0-G1	2,910	146	B1-U0-G1	2,913	146	B1-U0-G1	20
	4F		2,380	119	B1-U0-G1	2,800	140	B1-U0-G1	2,850	143	B1-U0-G1	2,950	148	B1-U0-G1	2,953	148	B1-U0-G1	
	5Q		2,424	121	B1-U0-G0	2,853	143	B2-U0-G0	2,903	145	B2-U0-G0	3,005	150	B2-U0-G0	3,008	150	B2-U0-G0	
	5R		2,348	117	B1-U0-G1	2,763	138	B2-U0-G2	2,812	141	B2-U0-G2	2,911	146	B2-U0-G2	2,913	146	B2-U0-G2	
	5D		2,192	110	B1-U0-G1	2,579	129	B1-U0-G1	2,625	131	B1-U0-G1	2,717	136	B1-U0-G1	2,720	136	B1-U0-G1	
	AD		2,202	110	B1-U0-G1	2,592	130	B1-U0-G1	2,638	132	B1-U0-G1	2,730	136	B1-U0-G1	2,732	137	B1-U0-G1	
5L	3W	80	4,512	125	B1-U0-G1	5,309	147	B1-U0-G1	5,403	150	B1-U0-G1	5,593	155	B1-U0-G1	5,598	155	B1-U0-G1	36
	4F		4,575	127	B1-U0-G1	5,384	150	B1-U0-G1	5,479	152	B1-U0-G1	5,671	158	B1-U0-G1	5,676	158	B1-U0-G1	
	5Q		4,660	129	B2-U0-G1	5,483	152	B3-U0-G1	5,580	155	B3-U0-G1	5,776	160	B3-U0-G1	5,781	161	B3-U0-G1	
	5R		4,514	125	B2-U0-G2	5,311	148	B2-U0-G2	5,405	150	B2-U0-G2	5,595	155	B3-U0-G3	5,600	156	B3-U0-G3	
	5D		4,213	117	B2-U0-G1	4,957	138	B2-U0-G1	5,045	140	B2-U0-G1	5,222	145	B2-U0-G1	5,226	145	B2-U0-G1	
	AD		4,232	118	B1-U0-G1	4,980	138	B2-U0-G1	5,068	141	B2-U0-G1	5,246	146	B2-U0-G1	5,250	146	B2-U0-G1	
6L	3W	80	5,360	128	B1-U0-G1	6,307	150	B2-U0-G2	6,419	153	B2-U0-G2	6,644	158	B2-U0-G2	6,650	158	B2-U0-G2	42
	4F		5,435	129	B1-U0-G1	6,395	152	B2-U0-G1	6,508	155	B2-U0-G1	6,736	160	B2-U0-G1	6,742	161	B2-U0-G1	
	5Q		5,535	132	B3-U0-G1	6,513	155	B3-U0-G1	6,628	158	B3-U0-G1	6,861	163	B3-U0-G1	6,867	164	B3-U0-G1	
	5R		5,362	128	B2-U0-G2	6,310	150	B3-U0-G3	6,422	153	B3-U0-G3	6,647	158	B3-U0-G3	6,652	158	B3-U0-G3	
	5D		5,005	119	B2-U0-G1	5,888	140	B2-U0-G1	5,993	143	B2-U0-G1	6,203	148	B2-U0-G1	6,208	148	B2-U0-G1	
	AD		5,028	120	B2-U0-G1	5,916	141	B2-U0-G1	6,021	143	B2-U0-G1	6,232	148	B2-U0-G1	6,237	149	B2-U0-G1	
9L	3W	80	7,804	126	B2-U0-G2	9,182	148	B2-U0-G2	9,344	151	B2-U0-G2	9,673	156	B2-U0-G2	9,681	156	B2-U0-G2	62
	4F		7,913	128	B2-U0-G2	9,311	150	B2-U0-G2	9,476	153	B2-U0-G2	9,808	158	B2-U0-G2	9,817	158	B2-U0-G2	
	5Q		8,060	130	B3-U0-G1	9,483	153	B3-U0-G2	9,651	156	B3-U0-G2	9,990	161	B3-U0-G2	9,999	161	B3-U0-G2	
	5R		7,808	126	B3-U0-G3	9,187	148	B3-U0-G3	9,350	151	B3-U0-G3	9,678	156	B3-U0-G3	9,687	156	B3-U0-G3	
	5D		7,287	118	B2-U0-G1	8,574	138	B3-U0-G1	8,726	141	B3-U0-G1	9,032	146	B3-U0-G1	9,040	146	B3-U0-G1	
	AD		7,321	118	B2-U0-G2	8,614	139	B2-U0-G2	8,766	141	B2-U0-G2	9,074	146	B2-U0-G2	9,082	146	B2-U0-G2	
12L	3W	80	10,598	123	B2-U0-G2	12,470	145	B3-U0-G3	12,691	148	B3-U0-G3	13,137	153	B3-U0-G3	13,148	153	B3-U0-G3	86
	4F		10,746	125	B2-U0-G2	12,644	147	B2-U0-G2	12,868	150	B2-U0-G2	13,319	155	B2-U0-G2	13,331	155	B2-U0-G2	
	5Q		10,945	127	B3-U0-G2	12,878	150	B3-U0-G2	13,106	152	B3-U0-G2	13,566	158	B4-U0-G2	13,566	158	B4-U0-G2	
	5R		10,603	123	B3-U0-G3	12,476	145	B3-U0-G3	12,696	148	B3-U0-G3	13,142	153	B3-U0-G3	13,153	153	B3-U0-G3	
	5D		10,149	118	B3-U0-G1	11,942	139	B3-U0-G2	12,153	141	B3-U0-G2	12,580	146	B3-U0-G2	12,592	146	B3-U0-G2	
	AD		9,941	116	B2-U0-G2	11,697	136	B3-U0-G2	11,904	138	B3-U0-G2	12,322	143	B3-U0-G2	12,333	143	B3-U0-G2	

ELECTRICAL DATA (AMPS)*							
Lumen Package	Wattage	120V	208V	240V	277V	347V	480V
3L	20	0.17	0.10	0.08	0.07	0.06	0.04
5L	36	0.30	0.17	0.15	0.13	0.10	0.08
6L	42	0.35	0.20	0.18	0.15	0.12	0.09
9L	71	0.59	0.34	0.30	0.26	0.20	0.15
12L	86	0.72	0.41	0.36	0.31	0.25	0.18

\*LED Chips are frequently updated therefore values may change.  
Data is based on Haze Reflector.

LifeStyle Small (XDLS) Outdoor Decorative Area Light

Type : \_\_\_\_\_

Have questions? Call us at (800) 436-7800

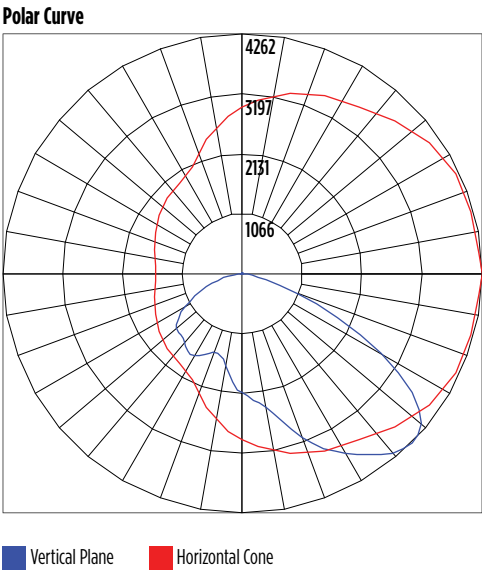
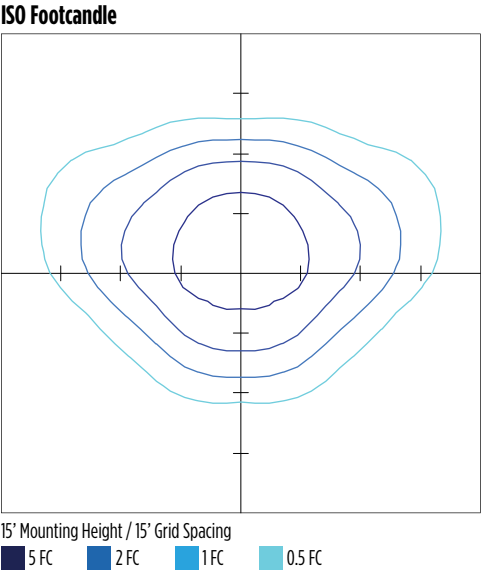
PHOTOMETRICS

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%. See the individual product page on <https://www.lsicorp.com/> for detailed photometric data.

XDLS 6L 3W 40K8

Luminaire Data		
Type 3 Wide Distribution		
Description	4000 Kelvin, 80 CRI	
Delivered Lumens	6,644	
Watts	42	
Efficacy	158	
IES Type	Type III Very Short	
BUG Rating	B2 U0 G2	

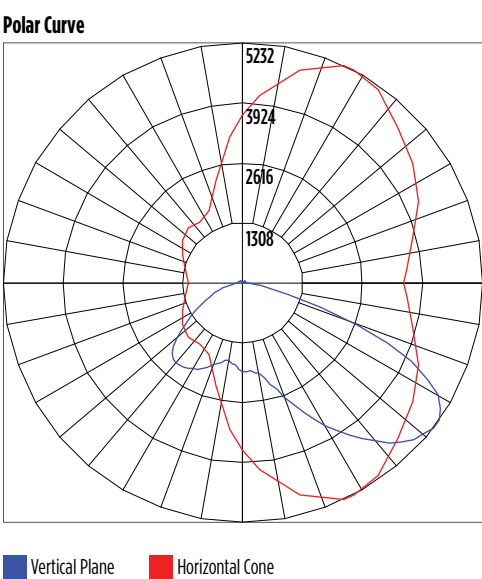
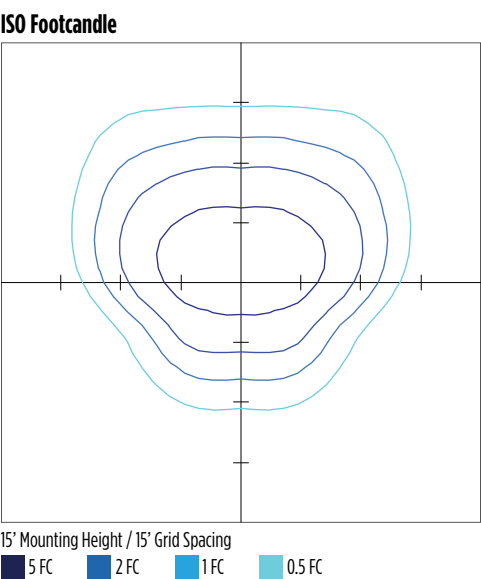
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	1,236	19%
Medium (30-60°)	3,411	51%
High (60-80°)	1,880	28%
Very High (80-90°)	117	2%
Uplight (90-180°)	-	0%
Total Flux	6,644	100%



XDLS 6L 4F 40K8

Luminaire Data		
Type 4 Forward Distribution		
Description	4000 Kelvin, 80 CRI	
Delivered Lumens	6,736	
Watts	42	
Efficacy	160	
IES Type	Type IV Short	
BUG Rating	B2 U0 G1	

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	1,118	17%
Medium (30-60°)	3,578	54%
High (60-80°)	1,962	30%
Very High (80-90°)	78	1%
Uplight (90-180°)	-	0%
Total Flux	6,737	100%



LifeStyle Small (XDLS) Outdoor Decorative Area Light

Type : \_\_\_\_\_

Have questions? Call us at (800) 436-7800

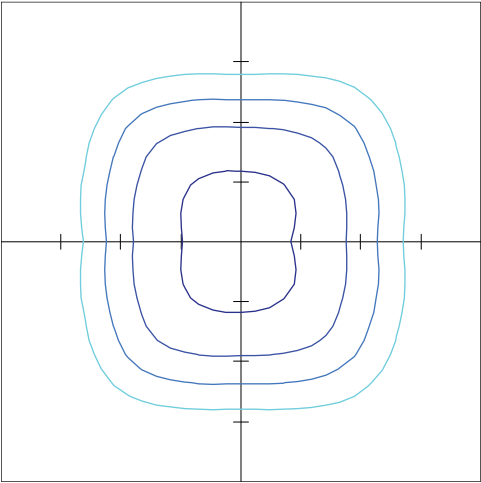
PHOTOMETRICS

XDLS 6L 5Q 40K8

Luminaire Data	
Type 5 Square Distribution	
Description	4000 Kelvin, 80 CRI
Delivered Lumens	6,861
Watts	42
Efficacy	163
IES Type	Type VS Short
BUG Rating	B3 U0 G1

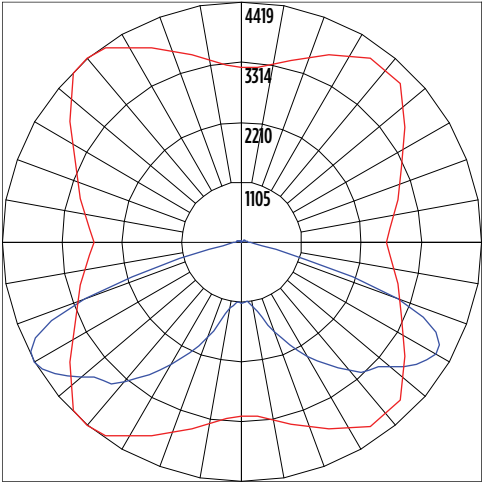
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	795	0%
Medium (30-60°)	3,411	51%
High (60-80°)	2,613	39%
Very High (80-90°)	42	1%
Uplight (90-180°)	-	0%
Total Flux	6,861	100%

ISO Footcandle



15' Mounting Height / 15' Grid Spacing  
5 FC 2 FC 1 FC 0.5 FC

Polar Curve



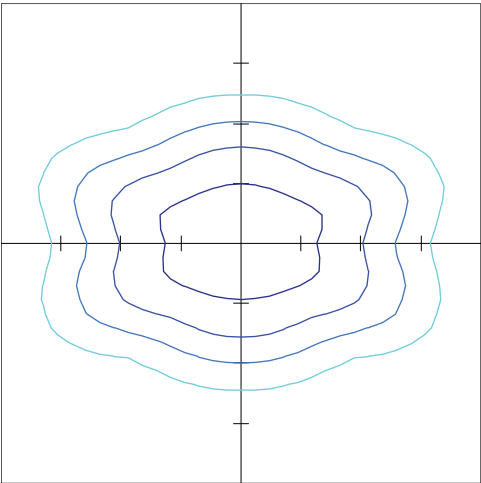
Vertical Plane Horizontal Cone

XDLS 6L 5R 40K8

Luminaire Data	
Type 5 Rectangular Distribution	
Description	4000 Kelvin, 80 CRI
Delivered Lumens	6,647
Watts	42
Efficacy	158
IES Type	Type III Medium
BUG Rating	B2 U0 G1

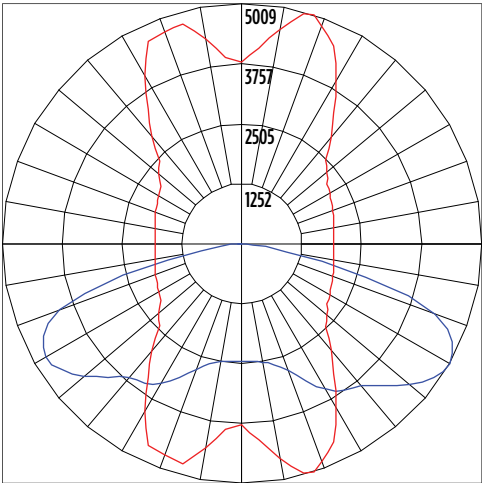
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	1,052	16%
Medium (30-60°)	3,048	46%
High (60-80°)	2,416	36%
Very High (80-90°)	132	2%
Uplight (90-180°)	-	0%
Total Flux	6,647	100%

ISO Footcandle



15' Mounting Height / 15' Grid Spacing  
5 FC 2 FC 1 FC 0.5 FC

Polar Curve



Vertical Plane Horizontal Cone



LifeStyle Small (XDLS) Outdoor Decorative Area Light

Type : \_\_\_\_\_

Have questions? Call us at (800) 436-7800

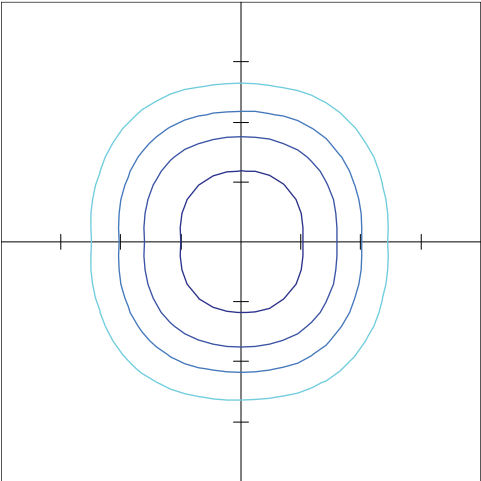
PHOTOMETRICS

XDLS 6L 5D 40K8

Luminaire Data	
Type 5 Diffuse Distribution	
Description	4000 Kelvin, 80 CRI
Delivered Lumens	6,647
Watts	42
Efficacy	158
IES Type	Type VS Very Short
BUG Rating	B2 U0 G1

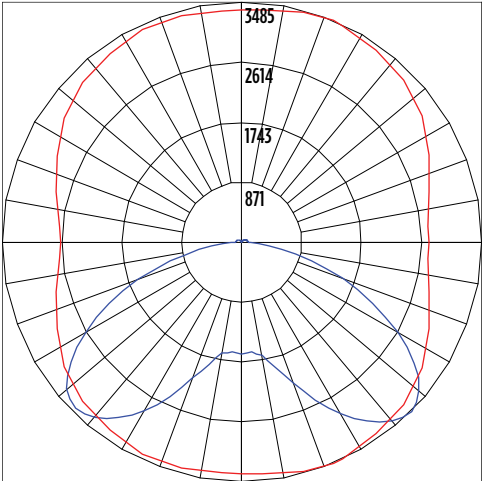
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	1,145	17%
Medium (30-60°)	3,450	52%
High (60-80°)	1,497	23%
Very High (80-90°)	111	2%
Uplight (90-180°)	-	0%
Total Flux	6,203	100%

ISO Footcandle



15' Mounting Height / 15' Grid Spacing

Polar Curve

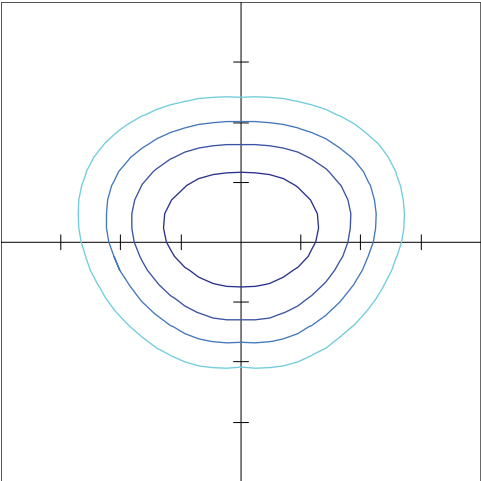


XDLS 6L AD 40K8

Luminaire Data	
Asymmetric Diffuse Distribution	
Description	4000 Kelvin, 80 CRI
Delivered Lumens	6,203
Watts	42
Efficacy	148
IES Type	Type III Very Short
BUG Rating	B2 U0 G1

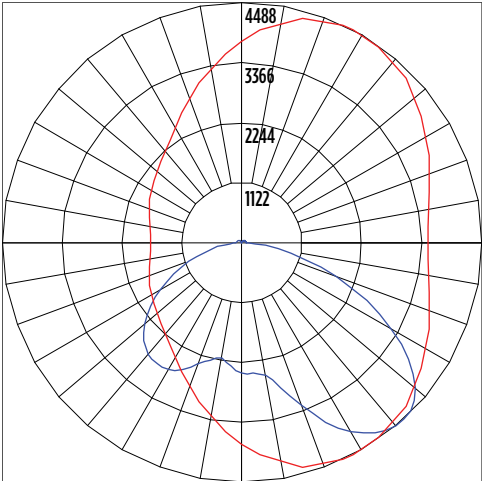
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	1,437	22%
Medium (30-60°)	3,396	51%
High (60-80°)	1,304	20%
Very High (80-90°)	96	1%
Uplight (90-180°)	0	0%
Total Flux	6,232	100%

ISO Footcandle



15' Mounting Height / 15' Grid Spacing  
5 FC 2 FC 1 FC 0.5 FC

Polar Curve



Vertical Plane Horizontal Cone

POLES & BRACKETS

LSI offers a full line of poles and mounting accessories to complete your lighting assembly. Aluminum and steel in both square and round shafts. In addition, LSI offers round tapered, fluted and hinge based poles. Designed and engineered for durability and protected with our oven baked DuraGrip Protection System. Also available with our DuraGrip+ Protection system for unmatched corrosion resistance and an extended warranty. American made in our Ohio facility with industry leading lead times.

[Click here to learn more details about poles & brackets](#)



**Decorative Base Cover  
Round Straight**

Optional decorative base cover has a two-piece die cast construction with stainless steel fasteners. Base cover is polyester powder coated to match pole. GBC base cover fits 4" and 5" diameter straight round poles. Includes 4" round pole adaptor molded from black silicone rubber.



**Spun Aluminum Collar  
Round Straight**

Optional one-piece spun aluminum collar for 4" or 5" diameter straight round poles. Features durable, high quality construction with aesthetically pleasing design that slips over the pole for increased theft deterrent.



Square  
Pole  
14'-39'



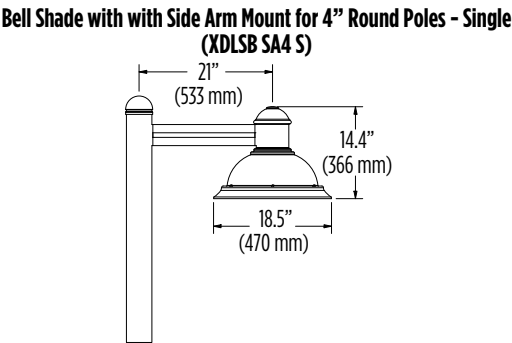
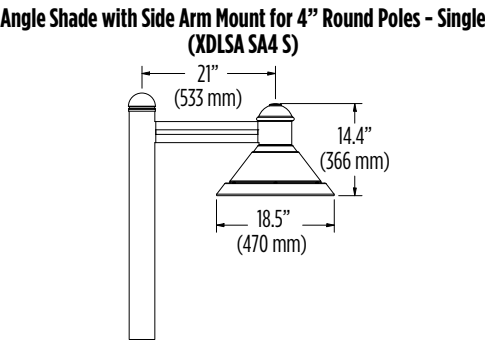
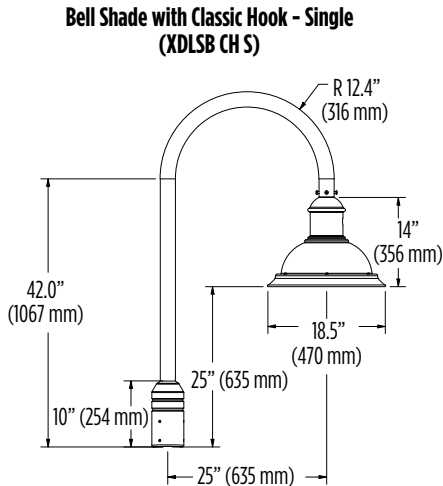
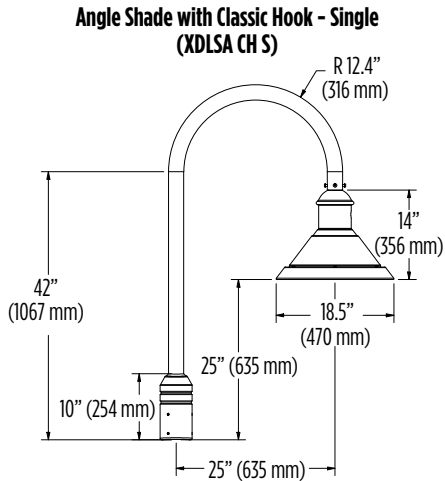
Round  
Pole  
10'-30'



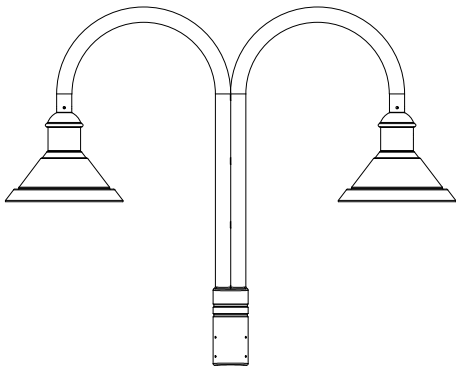
Tapered  
Pole  
20'-39'

 Have questions? Call us at (800) 436-7800

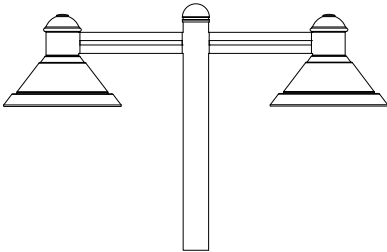
PRODUCT DIMENSIONS



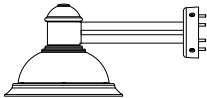
Classic Hook - Double 180°  
(CHD180)











Side Arm Mount - Double 180°  
(SAD180)



Side Arm Mount - Wall Mount<sup>1</sup>  
(SAW)



Luminaire EPA Chart - Side Arm XDLS <sup>2</sup>						
Configuration	 Single	 D180°	 D90°	 T90°	 TN120°	 Q90°
EPA	1.3	2.6	2.2	3.5	3.3	4.0

Luminaire EPA Chart - Classic Hook XDLS <sup>2</sup>		
Configuration	 Single	 D180°
EPA	2.4	4.7

<sup>1</sup> See Lifestyle Brackets and Mounts in outdoor section of latest Buyers Guide for details on other bracket sizes.  
<sup>2</sup> Includes Bracket.

CONTROLS

Integral Bluetooth™ Motion and Photocell Sensor (IMSBTx)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is IP66 rated for cold and wet locations (-40°F to 167°F). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

[Click here to learn more details about IMSBT](#)



Apple



Android

AirLink Blue (ALBCSx)

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/ Site, Wall Mounted, Parking Garage and Canopy luminaires.

[Click here to learn more details about AirLink Blue](#)



AirLink Blue App



Apple

Sensor Sequence of Operations

Standard Programming	On Event	Off Event	On Light Level	Dim Light Level	Daylight Harvesting	Delay To Off	Sensitivity
IMSBTx	Motion	No Motion	100%	N/A	On; Auto Calibration	20 minutes	High

Operation	Description
On Event	Trigger that activates lights to turn on; either automatic via motion detected or manually activated via push of button.
Off Event	Trigger that activates lights to turn off; either automatic via no motion detected or manually activated via push of button.
On Light Level	The light level that the fixtures will turn on to when ON EVENT occurs.
Dim Light Level	The light level that the fixtures will dim down to when no motion is detected.
Delay to Dim	The amount of time after which no motion is detected that the fixtures will be triggered to dim down. This sequence is optional, and sensor can be programmed to only trigger the fixture to turn off by entering 100% in this field.
Delay to Off	The amount of time after which no motion is detected that the fixtures will be triggered to turn off. If delay to dim is part of the programmed functionality, this is the amount of time after which no motion is detected after the fixture have already dimmed down.
Sensitivity	The sensitivity can be set to high, medium, low, or auto where applicable. High will detect smaller, simple motions. Low will only detect larger more complex motions. Auto temperature calibration adjusts the PIR sensitivity as ambient temperature rises to increase detection of heat movement through the field of view.

# DuraGrip® Protection System



## Unmatched Durability Stands Up to Harsh Environments

Designed and engineered for durability and protection, LSI's oven baked DuraGrip Protection System finish withstands extreme weather changes without cracking or peeling. All LSI luminaire housings, brackets, poles, and pole accessories are powder coated with LSI's DuraGrip® polyester powder coat finishing process in the United States of America at our Ohio facility.

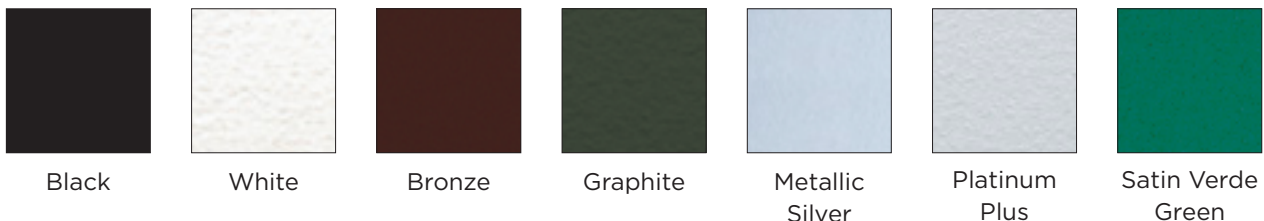
LSI's DuraGrip Protection system is electrostatically applied after one of two thorough cleaning methods to remove dirt and scale.

- Luminaires receive a five-stage process that includes a neutral wash in a heated alkaline cleaning solution just before an application of a zirconium treatment to improve powder-coat adhesion and protect from future corrosion. The luminaire is oven dried before the electrostatic application of a polyester powder paint. Finally, the luminaire is oven baked to ensure a homogenous, non-porous surface.
- Poles receive a six-stage process that includes shot peening the surface to remove dirt/scale and to strengthen the surface by inducing compressive residual stress to prevent cracking and extend the life. A neutral wash in a heated alkaline cleaning solution just before an application of a zirconium treatment to improve powder-coat adhesion and protect from future corrosion. The pole is oven dried before the electrostatic application of a polyester powder paint. Finally, the whole pole is oven baked to ensure a homogenous, non-porous surface.

When the top-of-the line DuraGrip® Plus Protection System is selected, in addition to the DuraGrip® Protection System, a non-porous, automotive grade corrosion coating is applied to the lower portion of the pole interior, sealing and further protecting it from corrosion. This option extends the limited warranty to 7 years.

### Standard LSI Colors

All standard colors have a low gloss texture finish.



**Custom color matching available. Contact LSI for a quote.**

LSI Industries Inc. | Cincinnati, OH | 513.793.3200





Catalog # : \_\_\_\_\_ Project : \_\_\_\_\_  
Prepared By : \_\_\_\_\_ Date : \_\_\_\_\_

# Round Poles

## Round Straight



### QUICK LINKS

[Ordering Guide](#)[Configurations](#)[Dimensions](#)[EPA](#)

## FEATURES & SPECIFICATIONS

### Pole Shaft

- Steel round poles are 4" or 5" in diameter
- Pole shaft is electro-welded ASTM-A500 Grade C Steel Tubing with a minimum yield strength of 46,000 psi.
- On Tenon Mount steel poles, tenon is high-strength pipe. Tenon N option is 2-3/8" O.D. x 4-3/4" tall. Tenon 4N option is 4" O.D. x 4-7/8" tall.

### Hand-Hole

- Standard hand-hole location is 12" above pole base.
- Poles 18' and above have a 3" x 6" reinforced hand-hole. Shorter poles have a 2" x 4" non-reinforced hand-hole.

### Base

- Pole base is ASTM-A36 hot-rolled steel plate with a minimum yield strength of 36,000 psi.
- Two-piece square base cover is optional. Decorative base cover is also available.

### Anchor Bolts

- Poles are furnished with anchor bolts featuring zinc-plated double nuts and washers. Galvanized anchor bolts are optional.
- Anchor Bolts conform to ASTM F 1554-07a Grade 55 with a minimum yield strength of 55,000 PSI.

### Ground Lug

- Ground lug is standard.

### Duplex Receptacle

- Weatherproof duplex receptacle is optional.

### Ground Fault Circuit Interrupter

- Self-testing ground fault circuit interrupter is optional.

### Finishes

- Every pole is provided with the DuraGrip® Protection System and a 5-year limited warranty:
- When the top-of-the line DuraGrip Plus Protection System is selected, in addition to the DuraGrip Protection System, a non-porous, automotive-grade corrosion coating is applied to the lower portion of the pole interior sealing and further protecting it from corrosion. This option extends the limited warranty to 7 years.

### Determining The Luminaire/Pole Combination For Your Application:

- Select luminaire from luminaire ordering information.
- Select bracket configuration if required
- Determine EPA value from luminaire/bracket EPA chart
- Select Pole Height

- Select MPH to match wind speed in the application area (See windspeed maps).
- Confirm pole EPA equal to or exceeding value of luminaire/bracket EPA
- Consult factory for special wind load requirements and banner brackets.

### Pole Vibration Damper

- A pole vibration damper is recommended in open terrain areas of the country where low steady state winds are common.
- Non-tapered poles and lightly loaded poles are more susceptible to destructive vibration if a damper is not installed.

### Listings

- UL Listed
- BAA/TAA Compliant



## ORDERING GUIDE

[Back to Quick Links](#)

TYPICAL ORDER EXAMPLE: **4RPU B3 S07G 24 S PLP DGP**

Pole Series	Mounting Method	Material	Height <sup>4</sup>	Mounting Configuration	Pole Finish	Options
<b>4RP</b> - 4" Diameter Round Straight Pole (New Build)	<b>Bolt-On Mount</b> <sup>1</sup> - See pole selection guide for patterns and fixture matches.  <b>B5</b> - 5" Traditional Drilling Pattern <b>B3</b> - 3" Reduced Drilling Pattern <b>B2</b> - 2" Reduced Drilling Pattern	<b>S07G</b> - 07 Ga. Steel (5RP/5RPU Only) <b>S10G</b> - 10 Ga. Steel (4RP/4RPU Only) <b>S11G</b> - 11 Ga. Steel (5RP/5RPU Only)	8'	<b>S</b> - Single/Parallel	<b>BRZ</b> - Bronze	<b>GA</b> - Galvanized Anchor Bolts
<b>5RP</b> - 5" Diameter Round Straight Pole (New Build)			10'	<b>D180</b> - Double	<b>BLK</b> - Black	<b>SF</b> - Single Flood <sup>3</sup>
<b>4RPU</b> - 4" Diameter Round Straight Pole (Retrofit)			12'	<b>D90</b> - Double	<b>PLP</b> - Platinum Plus	<b>DF</b> - Double Flood <sup>3</sup>
<b>5RPU</b> - 5" Diameter Round Straight Pole (Retrofit)			14'	<b>DN90</b> - Double	<b>WHT</b> - White	<b>DGP</b> - DuraGrip <sup>®</sup> Plus
			15'	<b>T90</b> - Triple	<b>SVG</b> - Satin Verde Green	<b>LAB</b> - Less Anchor Bolts
			16'	<b>TN120</b> - Triple	<b>GPT</b> - Graphite	<b>CRXX</b> - Conduit Raceway <sup>4</sup>
			17'	<b>Q90</b> - Quad	<b>MSV</b> - Metallic Silver	
			17' 6"	<b>QN90</b> - Quad	<b>BZA</b> - Alternate Bronze	
			18'			
			20'	<b>N</b> - Tenon Mount (Use for Standard 2-3/8" Tenon)		
			22'	<b>4N</b> - Tenon Mount (5RPT only. For 4" poles only, use 4RPI) <sup>5</sup>		
			22' 6"	<b>4N-6</b> - Tenon Mount (5RPT only. For 4" poles use 4RPI)		
	24'					
	25'					
	26'					
	27'					
	28'		<b>(Blank)</b> - Use with I for open top pole <sup>8</sup>			
	30'					
	<b>I</b> - No Mounting Holes <sup>1</sup> - Use with: BKA-IFM4 - Flush Mount Adapter <sup>7</sup> Greenlee Lifestyle CH Mounting Style Enterprise, Lexington, Constitution PT Single Mounting <sup>2</sup>					

## Accessory Ordering Information

Description	Order Number	Description	Order Number
4" SRBC Square Base Cover	158450CLR	MH3 - Mounting Hole Plugs for use with 3" reduced drill pattern (3 sets of 3 plugs)	681126
5" SRBC Square Base Cover	158451CLR	MH2 - Mounting Hole Plugs for use with 2" reduced drill pattern (3 sets of 3 plugs)	725841
4" /5" GBC Decorative Base Cover	483859CLR	BB - Banner Brackets	Consult Factory for EPA calculations
ER2 - Weatherproof Duplex Receptacle (Poles below 18')	122557CLR		
ER2 - Weatherproof Duplex Receptacle for Reinforced Hand-hole (Poles 18' and above)	122566CLR		
GFI - Ground Fault Circuit Interrupter (Poles below 18')	122558CLR		
GFI - Ground Fault Circuit Interrupter for Reinforced Hand-hole (Poles 18' and above)	22567CLR		
MH5 - Mounting Hole Plugs for use with 5" traditional drill pattern (3 set of 3 plugs)	132336		

### FOOTNOTES:

- 1 - See Area Light Brackets - 3" Reduced Drill Pattern and Area Light Brackets - 5" Traditional Drill Pattern Spec Sheets.
- 2 - For Enterprise, Lexington, and Constitution PT mounting configuration styles, see Tenon Mount (4N) and Lifestyle Slipfit Pole Series.
- 3 - Standard Flat black pole cap provided. Domed Greenlee pole cap will ship with SA4 and SA5 Enterprise and Lexington fixtures, SA Lifestyle Fixtures, BK MPT BO, and UCL Brackets.

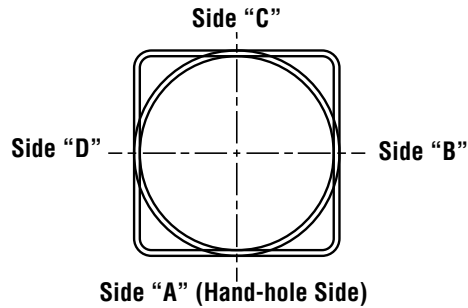
- 4 - Pole heights will have a +/- 1/2" tolerance. Max height for 4RP S10G is 24'. Max height of the 5RP S11G is 26'.
- 5 - For Enterprise and Lexington D180 or other mounting configuration styles using BK MPT BO accessories order with B3 or B5 drill pattern.
- 6 - See Flood Lighting Brackets section for choice of FBO Brackets.
- 7 - Only use with 4 inch pole.
- 8 - Use with BKA-IFM4.



## DRILLING LOCATIONS

[Back to Quick Links](#)

Sides	A	B	C	D
Hand-hole	X			
Single	X			
D180		X		X
D90	X			X
DN90 <sup>1</sup>				
T90	X	X		X
TN120 <sup>2</sup>				
Q90	X	X	X	X
QN90 <sup>3</sup>				
Single FBO	X			
Double FBO		X		X

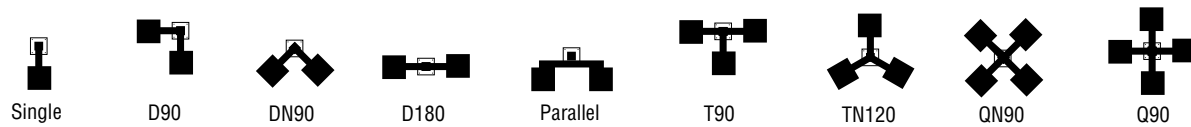


### NOTES:

- 1 - Two locations will be 45° to the left and right of Side A.
- 2 - Other two locations will be 120° to the left and right of Side A.
- 3 - Two locations will be 45° to the left and right of Side A and two locations will be 135° to the left and right of Side A.

Consult factory for custom variations. Standard SF and DF pole preparations are located 3/4 of the height of the pole from the base, except on 20' poles. Maximum height for SF and DF pole preparations on 20' poles is 13' from the base.

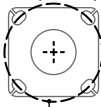
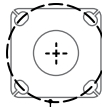
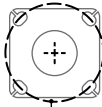
## FIXTURE CONFIGURATIONS





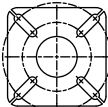
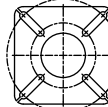
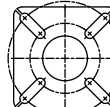
## BOLT CIRCLE

### STANDARD BASEPLATE

	<b>4" (102mm) Round</b> <b>10-1/8" (257mm) sq.</b>  <b>11" (279mm) Dia. Bolt Circle</b>	<b>5" (127mm) Round</b> <b>10-1/8" (257mm) sq.</b>  <b>11" (279mm) Dia. Bolt Circle</b>	<b>5" (127mm) Round</b> <b>10-1/8" (257mm) sq.</b>  <b>11" (279mm) Dia. Bolt Circle</b>
Bolt Circle Designator	L	L	M
Bolt Circle	Slotted 11" (279mm)	Slotted 11" (279mm)	Slotted 11" (279mm)
Anchor Bolt Size	3/4" x 30" (19mm x 762mm)	3/4" x 30" (19mm x 762mm)	1" x 36" (25mm x 914mm)
Anchor Bolt Projection	3-1/4" (83mm)	3-1/4" (83mm)	4" (102mm)
Base Plate Opening for Wireway Entry	3-5/8" (92mm)	4-3/4" (121mm)	4-5/8" (117mm)
Base Plate Dimensions	10-1/8" sq. x 3/4" thk. (257mm x 19mm)	10-1/8" sq. x 3/4" thk. (257mm x 19mm)	10-1/8" sq. x 1" thk. (257mm x 25mm)
Pole Gauge	10	11	7

Note: Base plate illustrations may change without notice. Do not use for setting anchor bolts. Consult factory for the appropriate anchor bolt template.

### UNIVERSAL BASEPLATE

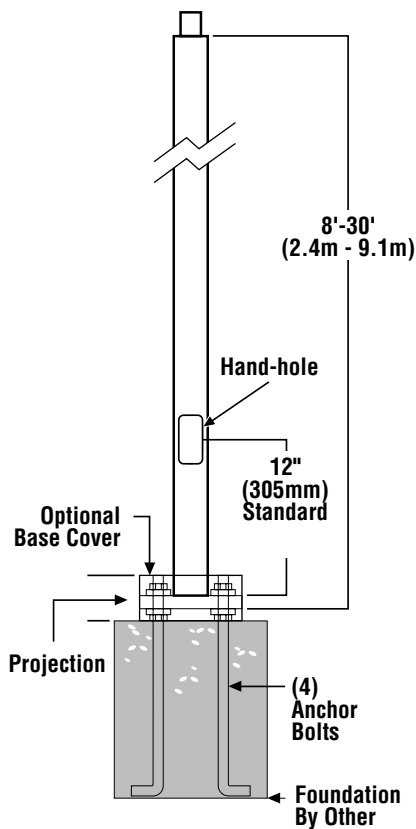
	<b>4" (102mm) Round</b> <b>10" (254mm) sq.</b>  <b>11" (279mm) Dia. Bolt Circle</b>	<b>5" (127mm) Round</b> <b>11-1/4" (286mm) sq.</b>  <b>13" (330mm) Dia. Bolt Circle</b>	<b>5" (127mm) Round</b> <b>11-3/4" (298mm) sq.</b>  <b>13" (330mm) Dia. Bolt Circle</b>
Bolt Circle Designator	K	P	R
Bolt Circle	Slotted 7" - 11" (178mm-279mm)	Slotted 7-1/2" - 13" (191mm-330mm)	Slotted 8" - 13" (203mm-330mm)
Anchor Bolt Size	3/4" x 30" (19mm x 762mm)	3/4" x 30" (19mm x 762mm)	1" x 36" (25mm x 914mm)
Anchor Bolt Projection	3-1/4" (83mm)	3-1/4" (83mm)	4" (102mm)
Base Plate Opening for Wireway Entry	3-5/8" (92mm)	4-3/4" (121mm)	4-5/8" (117mm)
Base Plate Dimensions	10" sq. x 3/4" thk. (254mm x 19mm)	11-1/4" sq. x 3/4" thk. (286mm x 19mm)	11-3/4" sq. x 1" thk. (298mm x 25mm)
Pole Gauge	10	11	7

Note: Base plate illustrations may change without notice. Do not use for setting anchor bolts. Consult factory for the appropriate anchor bolt template.

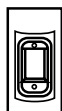


## PRODUCT DIMENSIONS

RPT –  
N = 2-3/8"(60mm) O.D. x 4-3/4"(121mm) Tenon  
4N = 4"(102mm) O.D. x 4-7/8"(124mm) Tenon  
4N6 = 4"(102mm) O.D. x 6-3/8"(162mm) Tenon



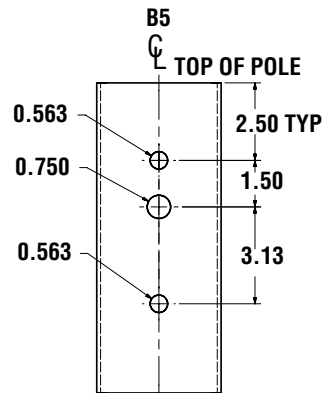
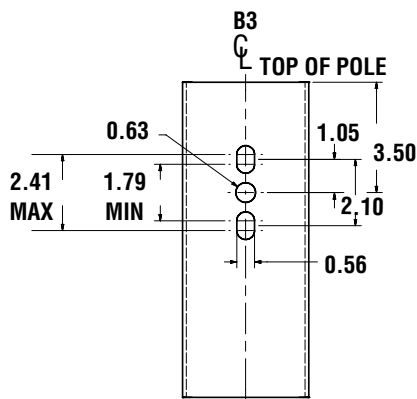
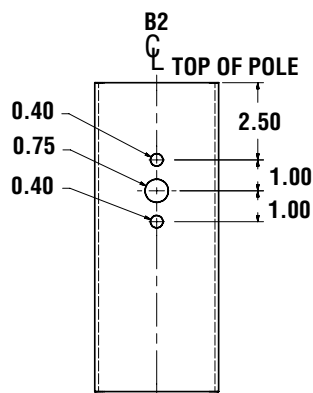
SF –  
Single Flood  
Pole Preparation



### SHIPPING WEIGHTS

4"(102mm) Dia. 10 Ga. is approximately	6.0 lbs./ft.
5"(127mm) Dia. 11 Ga. is approximately	7.0 lbs./ft.
5"(127mm) Dia. 07 Ga. is approximately	10.0 lbs./ft.
Anchor Bolts (3/4" x 30")(19mm x 762mm)	15 lbs.(7kg)/set
Anchor Bolts (1" x 36")(125mm x 914mm)	30 lbs.(14kg)/set

## Bolt-On Mount 2-Bolt Pattern





## WIND SPEED

### EPA Information

All LSI Industries' poles are guaranteed to meet the EPA requirements listed. LSI Industries is not responsible if a pole order has a lower EPA rating than the indicated wind-loading zone where the pole will be located.

**CAUTION:** This guarantee does not apply if the pole/bracket/fixture combination is used to support any other items such as flags, pennants, or signs, which would add stress to the pole. LSI Industries cannot accept responsibility for harm or damage caused in these situations.

**NOTE:** Pole calculations include a 1.3 gust factor over steady wind velocity. Example: poles designed to withstand 80 MPH steady wind will withstand gusts to 104 MPH. EPAs are for locations 100 miles away from hurricane ocean lines. Consult LSI for other areas. Note: Hurricane ocean lines are the Atlantic and Gulf of Mexico coastal areas. For applications in Florida or Canada, consult factory.

### Use ONLY with "Wind Speed Map for ASCE 7-10

POLE <sup>1</sup>	Mtg. Height Length (ft)	Wall Thick (ga)	BOLT CIRCLE			EPA								
			Designator	Dia. (in)	Anchor bolt Dia (in)	110 MPH	115 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH
4" x 10-ga x 14'	14	10	L	11	0.75	6.0	5.2	4.7	3.9	3.2	2.7	2.3	2.0	1.7
4" x 10-ga x 16'	16	10	L	11	0.75	4.3	3.7	3.2	2.6	2.1	1.8	1.4	1.2	1.0
4" x 10-ga x 18'	18	10	L	11	0.75	7.7	6.8	6.0	5.0	4.2	3.5	3.0	2.5	2.2
4" x 10-ga x 20'	20	10	L	11	0.75	6.0	5.2	4.6	3.7	3.1	2.5	2.1	1.8	1.5
4" x 10-ga x 22'	22	10	L	11	0.75	4.6	3.9	3.3	2.6	2.1	1.7	1.4	1.1	0.9
4" x 10-ga x 24'	24	10	L	11	0.75	3.4	2.7	2.2	1.7	1.3	1.0	0.7	0.5	n/a
5" x 11-ga x 16'	16	11	L	11	0.75	8.7	7.9	7.2	6.0	5.0	4.3	3.7	3.2	2.8
5" x 11-ga x 18'	18	11	L	11	0.75	12.2	11.1	10.1	8.5	7.2	6.1	5.3	4.6	4.0
5" x 11-ga x 20'	20	11	L	11	0.75	10.0	9.1	8.2	6.8	5.7	4.9	4.2	3.6	3.1
5" x 11-ga x 22'	22	11	L	11	0.75	8.1	7.3	6.6	5.5	4.5	3.8	3.2	2.8	2.4
5" x 11-ga x 24'	24	11	L	11	0.75	6.5	5.9	5.3	4.3	3.5	2.9	2.4	2.0	1.7
5" x 11-ga x 26'	26	11	L	11	0.75	5.2	4.6	4.1	3.2	2.6	2.1	1.7	1.4	1.1
5" x 7-ga x 18'	18	7	M	11	1.00	19.7	17.9	16.4	13.8	11.7	10.1	8.8	7.7	6.8
5" x 7-ga x 20'	20	7	M	11	1.00	16.5	15.0	13.7	11.5	9.8	8.4	7.3	6.3	5.6
5" x 7-ga x 22'	22	7	M	11	1.00	14.0	12.7	11.5	9.6	8.1	7.0	6.0	5.2	4.6
5" x 7-ga x 24'	24	7	M	11	1.00	11.8	10.6	9.6	8.0	6.8	5.7	4.9	4.2	3.7
5" x 7-ga x 26'	26	7	M	11	1.00	9.9	8.9	8.0	6.7	5.6	4.7	4.0	3.4	2.9
5" x 7-ga x 28'	28	7	M	11	1.00	8.3	7.4	6.7	5.4	4.5	3.7	3.1	2.7	2.3
5" x 7-ga x 30'	30	7	M	11	1.00	6.8	6.1	5.4	4.4	3.6	2.9	2.4	2.0	1.7

All LSI Industries' poles are guaranteed to meet the EPA requirements listed. LSI Industries is not responsible if a pole order has a lower EPA rating than the indicated wind-loading zone where the pole will be located.

**CAUTION:** This guarantee does not apply if the pole/bracket/fixture combination is used to support any other items such as flags, pennants, or signs, which would add stress to the pole. LSI Industries cannot accept responsibility for harm or damage caused in these situations.

### Note:

1- Poles shorter than these listed here in for each gauge have EPA rating equal to or greater than what is provided in this table. To Confirm EPA ratings on shorter poles, contact LSI Industries.





Catalog #: \_\_\_\_\_

Project: \_\_\_\_\_

Prepared By: \_\_\_\_\_

Date: \_\_\_\_\_

# Mirada Small Area (MRS)

## Outdoor LED Area Light



IP66 IK08



### OVERVIEW

Lumen Package	6,000 - 24,000
Wattage Range	41 - 196
Efficacy Range (LPW)	112 - 156
Fixture Weight lbs (kg)	20 (9.1)

### QUICK LINKS

[Ordering Guide](#)[Performance](#)[Photometrics](#)[Dimensions](#)

## FEATURES & SPECIFICATIONS

### Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 27 lbs in carton.

### Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated seal.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in distribution types 2, 3, 5W, and FT.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377
- Minimum CRI of 70.
- Integral louver (IL) and integral half louver (IH) options available for enhanced backlight control.

### Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L70 Calculated Life: >60k Hours
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

### Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7.

### Installation

- Designed to mount to square or round poles.
- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
- Included terminal block accepts up to 12 ga. wire.
- Utilizes LSI's traditional B3 drill pattern.

### Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

### Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; with 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP66 rated Luminaire per IEC 60598-1.
- 3G rated for ANSI C136.31 high vibration applications are qualified.
- IK08 rated luminaire per IEC 60622 mechanical impact code
- DesignLights Consortium® Listings in progress.





Mirada Small Area Light (MRS)

Type: \_\_\_\_\_

 Have questions? Call us at (800) 436-7800

ORDERING GUIDE

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TYPICAL ORDER EXAMPLE: MRS LED 18L SIL FT UNV DIM 40 70CRI ALBCS1 BLK IH							
Prefix	Light Source	Lumen Package	Lens	Distribution	Orientation <sup>2</sup>	Voltage	Driver
MRS - Mirada Small Area Light	LED	6L - 6,000 lms 9L - 9,000 lms 12L - 12,000 lms 15L - 15,000 lms 18L - 18,000 lms 21L - 21,000 lms 24L - 24,000 lms  Custom Lumen Packages <sup>1</sup>	SIL - Silicone	2 - Type 2 3 - Type 3 5W - Type 5 Wide FT - Forward Throw	(blank) - standard L - Optics rotated left 90° R - Optics rotated right 90°	UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V)	DIM - 0-10V Dimming (0-10%)
Color Temp	Color Rendering	Controls (Choose One)			Finish	Options	
50 - 5,000 CCT 40 - 4,000 CCT 30 - 3,000 CCT	70CRI - 70 CRI	<u>(Blank) - None</u>  <b>Wireless Controls System</b> ALSC - AirLink Synapse Control System ALSCS2 - AirLink Synapse Control System with 12-20' MH Motion Sensor ALSCS4 - AirLink Synapse Control System with 20-40' MH Motion Sensor ALBCS1 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' MH) ALBCS2 - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' MH)  <b>Stand-Alone Controls</b> EXT - 0-10v Dimming leads extended to housing exterior CR7P - 7 Pin Control Receptacle ANSI C136.41 <sup>3</sup> IMSBT1 - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH) <sup>4</sup> IMSBT2 - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH) <sup>4</sup>			BLK - Black BRZ - Dark Bronze GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	<u>(Blank) - None</u>  IH - Integral Half Louver (Moderate Spill Light Cutoff <sup>2</sup> IL - Integral Louver (Sharp Spill Light Cutoff) <sup>2</sup>	
<div><div></div><div>Need more information? Click here for our glossary</div></div> <div>Have additional questions? Call us at (800) 436-7800 </div>							

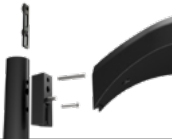



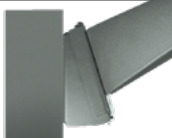










Accessory Ordering Information<sup>5</sup>

CONTROLS ACCESSORIES		FUSING OPTIONS <sup>7</sup>		SHIELDING OPTIONS	
Description	Order Number	Description	Order Number	Description	Order Number
Twist Lock Photocell (120V) for use with CR7P	122514	Single Fusing (120V)	<a href="#">See Fusing Accessory Guide</a>	Mirada Small	<a href="#">See Shielding Guide</a>
Twist Lock Photocell (208-277) for use with CR7P	122515	Single Fusing (277V)		Mirada Medium	
Twist Lock Photocell (347V) for use with CR7P	122516	Double Fusing (208V, 240V)		Mirada Large	
Twist Lock Photocell (480V) for use with CR7P	1225180	Double Fusing (480V)		Zone Medium	
AirLink 5 Pin Twist Lock Controller	661409	Double Fusing (347V)		Zone Large	
AirLink 7 Pin Twist Lock Controller	661410			Slice Medium	
Shorting Cap for use with CR7P	149328				

1. Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.  
2. Not available on "Type 5W" distribution.  
3. Control device or shorting cap must be ordered separately. See Accessory Ordering Information.  
4. IMSBT is field configurable via the LSI app that can be downloaded from your smartphone's native app store.  
5. Accessories are shipped separately and field installed.  
6. "CLR" denotes finish. See Finish options.  
7. Fusing must be located in hand hole of pole. See [Fusing Accessory Guide](#) for compatibility.

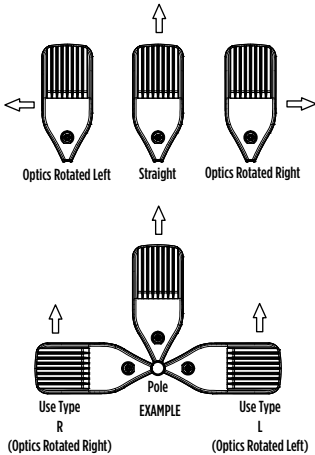
ACCESSORIES

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MOUNTING ACCESSORIES			SHIELDING, POLES & MISC. ACCESSORIES		
Side Arm	<b>Universal Mounting Bracket</b> Mounts to $\geq 3"$ square or round (tapered/straight) poles with (2) mounting hole spaces between 3.5" to 5"  <b>Part Number: BKA UMB CLR</b>		Shielding	<b>Integral Louver</b> Field Install Integral Louver provides maximum backlight control by shielding each individual row of LEDs  <b>Part Number: 686485</b>	
	<b>Quick Mount Plate</b> True one person installation to existing/new construction poles with hole spaces between 2.4 to 4.6"  <b>Part Number: BKS POM B3B5 XX CLR</b>			<b>Integral Half Louver</b> Field Install Integral Half Louver provides great backlight control without impacting front side distribution.  <b>Part Number: 743416</b>	
	<b>15° Tilt Quick Mount Plate</b> True one person installation to existing/new construction poles with hole spaces between 2.4 to 4.6"  <b>Part Number: BKS PQ15 B3B5 XX CLR</b>			<b>External Shield</b> External shield blocks view of light source from anyside of luminaire, additional shielding configurations available  <b>Part Number: 785970BLK (3") / 785962BLK (6")</b>	
Tenon / Slipfitter	<b>Adjustable Slipfitter</b> Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and provides 180° of tilt (max 45° above horizontal)  <b>Part Number: BKA ASF CLR</b>		Poles	<b>Square Poles</b> 14 - 39' steel and aluminum poles in 4", 5" and 6" sizes for retrofit and new construction  <b>Part Number: 45Q/55Q/65Q</b>	
	<b>Square Tenon Top</b> Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and allows for mounting up to 4 luminaires  <b>Part Number: BKA XNM *</b>			<b>Round Poles</b> 10 - 30' steel and aluminum poles in 4" and 5" sizes for retrofit and new construction  <b>Part Number: 4RP/5RP</b>	
	<b>Square Internal Slipfitter</b> Mounts inside 4" or 5" square pole and allows for mounting up to 4 luminaires  <b>Part Number: BKA X_ISF * CLR</b>			<b>Tapered Poles</b> 20' - 39' steel and aluminum poles for retrofit and new construction  <b>Part Number: RTP</b>	
Wall Mount/ Wood Pole	<b>Wall Mount Bracket</b> Mounts onto vertical wall surface ( hardware/anchors not included)  <b>Part Number: BKS XB0 WM CLR</b>		Misc.	<b>Bird Spikes</b> 10' Linear Bird Spike Kit, 4' recommended per luminaire, includes silicone adhesive and application tool  <b>Part Number: 736795</b>	
	<b>Wood Pole Bracket</b> Mounts onto wooden poles (6" minimum OD, hardware/anchors not included)  <b>Part Number: BKS XB0 WP CLR</b>			<p>Replace CLR with paint finish description</p> <p>Replace XX with SQ for square pole or RD for round pole (<math>\geq 3"</math> OD)</p> <p>Replace * with S (Single), D180 (Double @180°), D90 (Double @90°), T90 (Triple), Q90 (Quad)</p> <p>Replace _ with 4 (4" square pole) or 5 (5" square pole)</p>	

OPTICS ROTATION

Top View



ACCESSORIES/OPTIONS

Integral Louver (IL) and House-Side Shield (IH)

Integral louver (IL) and half louver (IH) accessory shields available for improved backlight control without sacrificing street side performance. LSI's Integral Louver (IL) and Integral House-Side Shield (IH) options deliver backlight control that significantly reduces spill light behind the poles for applications with pole locations close to adjacent properties. The design maximizes forward reflected light while reducing glare, maintaining the optical distribution selected, and most importantly eliminating light trespass. Both options rotate with the optical distribution.

Luminaire Shown with Integral Louver (IL)



Luminaire Shown with IMSBT Option



7 Pin Photoelectric Control

7-pin ANSI C136.41-2013 control receptacle option available for twist lock photocontrols or wireless control modules. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring).

Luminaire Shown with CR7P



PERFORMANCE

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DELIVERED LUMENS*												
Lumen Package	Distribution	CRI	3000K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
6L	2	70	6045	148	B2-U0-G1	6268	154	B2-U0-G1	6253	153	B2-U0-G1	41
	3		6145	151	B1-U0-G2	6372	156	B1-U0-G2	6357	156	B1-U0-G2	
	5W		5812	142	B3-U0-G1	6,026	148	B3-U0-G1	6012	147	B3-U0-G1	
	FT		5947	146	B1-U0-G1	6166	151	B1-U0-G1	6152	151	B1-U0-G1	
9L	2	70	9091	145	B2-U0-G2	9484	152	B2-U0-G2	9462	151	B2-U0-G2	63
	3		9241	148	B2-U0-G2	9641	154	B2-U0-G2	9619	154	B2-U0-G2	
	5W		8740	140	B3-U0-G2	9,118	146	B3-U0-G2	9097	144	B3-U0-G2	
	FT		8943	143	B2-U0-G2	9330	149	B2-U0-G2	9308	149	B2-U0-G2	
12L	2	70	12132	141	B3-U0-G2	12685	148	B3-U0-G2	12514	146	B3-U0-G2	86
	3		12333	143	B2-U0-G2	12894	150	B2-U0-G2	12721	148	B2-U0-G2	
	5W		11664	136	B4-U0-G2	12195	142	B4-U0-G2	12031	140	B4-U0-G2	
	FT		11935	139	B2-U0-G2	12479	145	B2-U0-G2	12311	143	B2-U0-G2	
15L	2	70	14220	128	B3-U0-G2	15167	137	B3-U0-G2	14488	131	B3-U0-G2	111
	3		14938	135	B2-U0-G2	15933	144	B2-U0-G2	15219	137	B2-U0-G2	
	5W		14304	129	B4-U0-G2	15257	137	B4-U0-G2	14574	131	B4-U0-G2	
	FT		14342	129	B2-U0-G2	15297	138	B2-U0-G2	14612	132	B2-U0-G2	
18L	2	70	16438	122	B3-U0-G3	17532	130	B3-U0-G3	16747	124	B3-U0-G3	135
	3		17267	128	B3-U0-G3	18417	137	B3-U0-G3	17592	131	B3-U0-G3	
	5W		16535	123	B4-U0-G2	17636	133	B5-U0-G3	16846	125	B4-U0-G2	
	FT		16578	123	B3-U0-G3	17682	131	B3-U0-G3	16890	125	B3-U0-G3	
21L	2	70	19488	118	B3-U0-G3	20786	126	B3-U0-G3	19885	120	B3-U0-G3	165
	3		20472	124	B3-U0-G3	21835	132	B3-U0-G3	20857	126	B3-U0-G3	
	5W		19604	119	B5-U0-G3	20,909	126	B5-U0-G3	19973	121	B5-U0-G3	
	FT		19655	119	B3-U0-G3	20964	127	B3-U0-G3	20025	121	B3-U0-G3	
24L	2	70	21976	112	B3-U0-G3	23439	120	B3-U0-G3	22390	114	B3-U0-G3	196
	3		23085	118	B3-U0-G3	24622	126	B3-U0-G3	23519	120	B3-U0-G3	
	5W		22105	113	B5-U0-G3	23578	120	B5-U0-G3	22522	115	B5-U0-G3	
	FT		22164	113	B3-U0-G3	23640	121	B3-U0-G3	22581	115	B3-U0-G3	

\*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA (AMPS)*						
Lumens	120V	208V	240V	277V	347V	480V
6L	0.34	0.20	0.17	0.15	0.12	0.09
9L	0.52	0.30	0.26	0.23	0.18	0.13
12L	0.72	0.41	0.36	0.31	0.25	0.18
15L	0.93	0.53	0.46	0.40	0.32	0.23
18L	1.12	0.65	0.56	0.49	0.39	0.28
21L	1.38	0.80	0.69	0.60	0.48	0.34
24L	1.63	0.94	0.82	0.71	0.56	0.41

\*Electrical data at 25°C (77°F). Actual wattage may differ by +/-10%

RECOMMENDED LUMEN MAINTENANCE <sup>1</sup>					
Ambient Temp	Lumen Multiplier				
	0 hrs. <sup>2</sup>	25K hrs. <sup>2</sup>	50K hrs. <sup>2</sup>	75K hrs. <sup>3</sup>	100K hrs. <sup>3</sup>
C					
0 C - 25 C	100%	95%	89%	84%	79%
40 C	100%	94%	87%	80%	74%

1. Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
2. In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).
3. In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).

# Mirada Small Area Light (MRS)

Type: \_\_\_\_\_

 Have questions? Call us at (800) 436-7800

## PHOTOMETRICS

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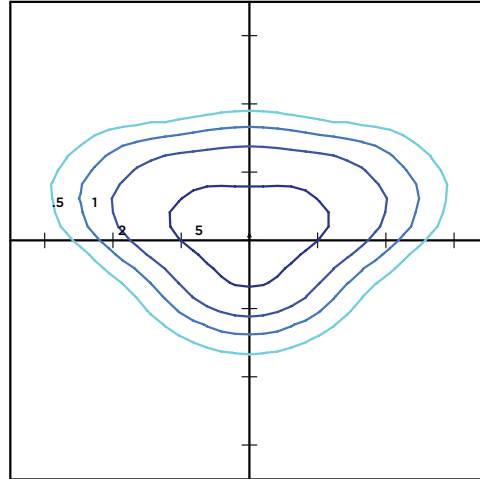
Luminaire photometry has been conducted by an accredited laboratory in accordance with IESNA LM-79. As specified by IESNA LM-79 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

### MRS-LED-18L-SIL-2-40-70CRI

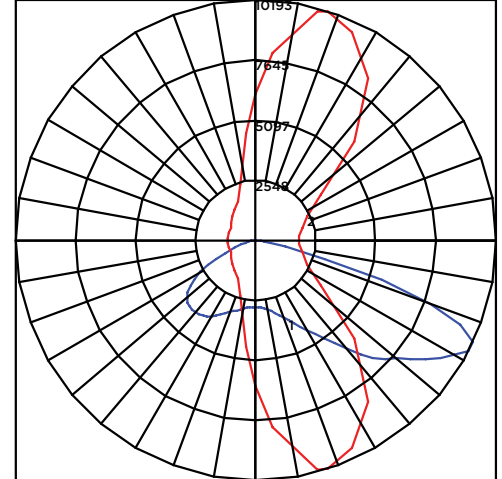
Luminaire Data	
Type 2 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	17,532
Watts	135
Efficacy	130
IES Type	Type II - Short
BUG Rating	B3-U0-G3

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30)°	2831	16%
Medium (30-60)°	10310	59%
High (60-80)°	4208	24%
Very High (80-90)°	184	1%
Uplight (90-180)°	0	0%
Total Flux	17532	100%

#### ISO FOOTCANDLE



#### POLAR CURVE



#### 20' Mounting Height/20' Grid Spacing

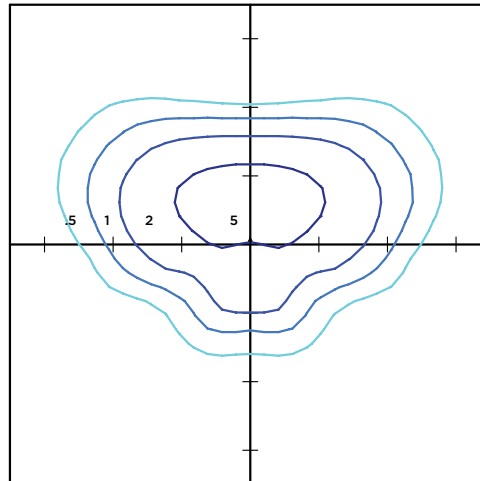
■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

### MRS-LED-18L-SIL-3-40-70CRI

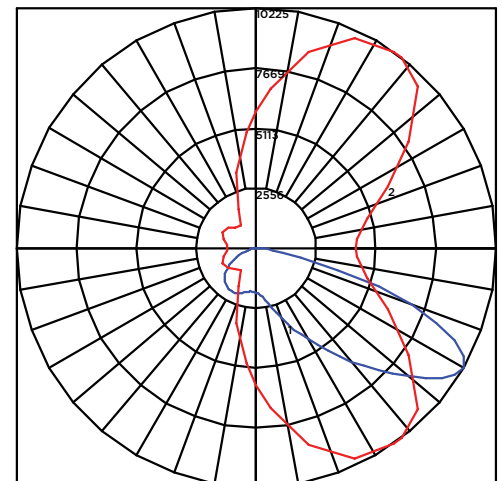
Luminaire Data	
Type 3 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	18,417
Watts	135
Efficacy	137
IES Type	Type III - Short
BUG Rating	B3-U0-G3

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30)°	2329	13%
Medium (30-60)°	10634	61%
High (60-80)°	5246	30%
Very High (80-90)°	208	1%
Uplight (90-180)°	0	0%
Total Flux	18417	100%

#### ISO FOOTCANDLE



#### POLAR CURVE



#### 20' Mounting Height/20' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

# Mirada Small Area Light (MRS)

Type: \_\_\_\_\_

 Have questions? Call us at (800) 436-7800

## PHOTOMETRICS (CONT)

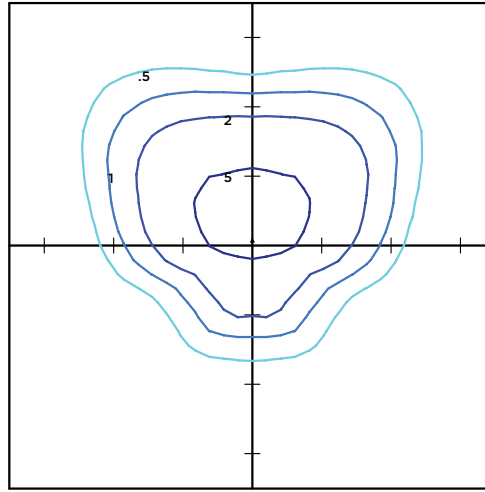
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### MRS-LED-18L-SIL-FT-40-70CRI

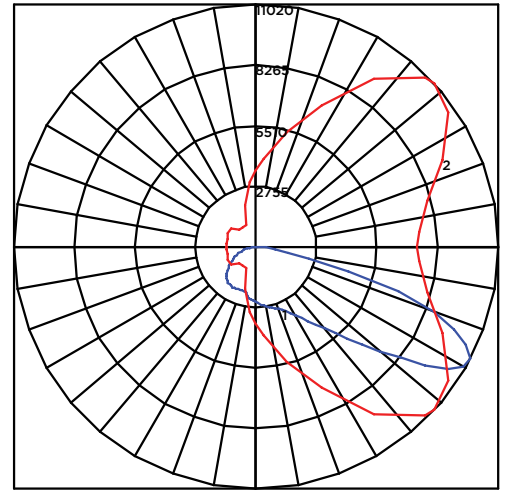
Luminaire Data	
Type FT Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	17,682
Watts	135
Efficacy	131
IES Type	Type III - Short
BUG Rating	B3-U0-G2

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30)°	2255	13%
Medium (30-60)°	9463	54%
High (60-80)°	5696	32%
Very High (80-90)°	268	2%
Uplight (90-180)°	0	0%
Total Flux	17682	100%

ISO FOOTCANDLE



POLAR CURVE



20' Mounting Height/20' Grid Spacing

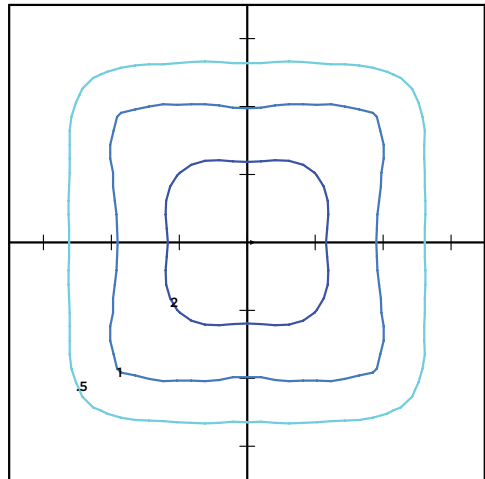
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### MRM-LED-30L-SIL-5W-40-70CRI

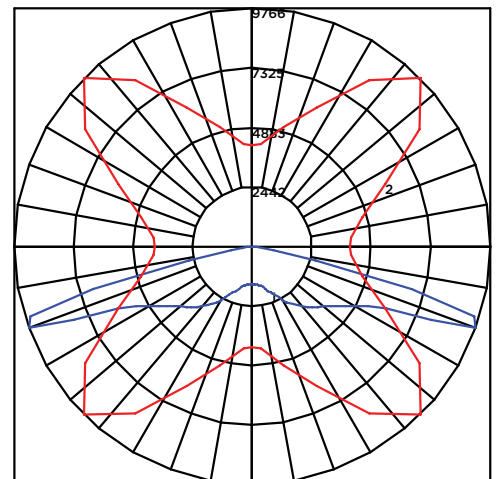
Luminaire Data	
Type 5W Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	17,636
Watts	135
Efficacy	131
IES Type	Type VS - Short
BUG Rating	B4-U0-G2

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30)°	1646	9%
Medium (30-60)°	7453	43%
High (60-80)°	8405	48%
Very High (80-90)°	132	1%
Uplight (90-180)°	0	0%
Total Flux	17636	100%

ISO FOOTCANDLE



POLAR CURVE



20' Mounting Height/20' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC



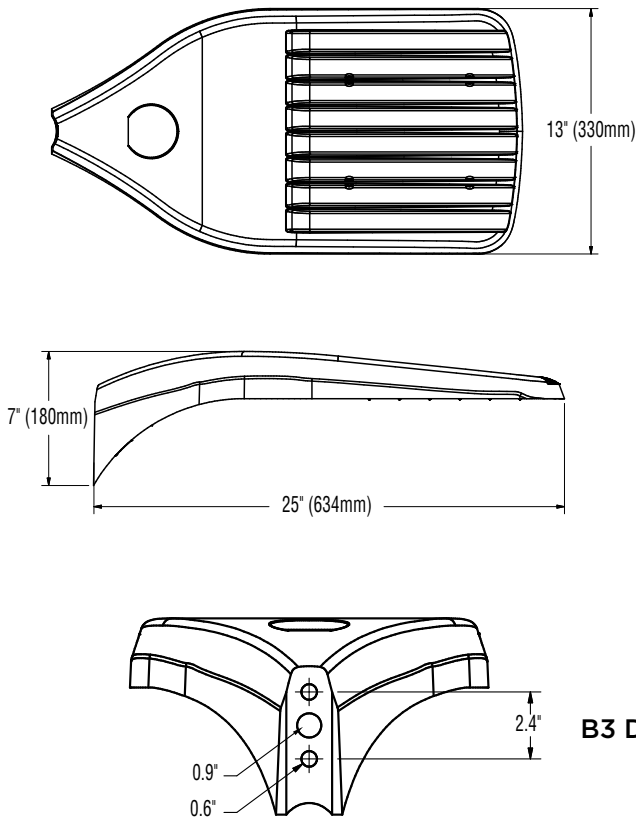
# Mirada Small Area Light (MRS)







 Have questions? Call us at (800) 436-7800

Type: \_\_\_\_\_

## PRODUCT DIMENSIONS

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LUMINAIRE EPA CHART - MRS									
Tilt Degree		0°	30°	45°	Tilt Degree		0°	30°	45°
	Single	0.5	1.3	1.8		T90°	1.4	2.3	2.6
	D180°	0.9	1.3	1.8		TN120°	1.4	1.9	2.3
	D90°	0.9	1.8	2.2		Q90°	1.4	2.3	2.6

B3 Drill Pattern

## CONTROLS

### AirLink Wireless Lighting Controller

The AirLink integrated controller is a California Title 24 compliant lighting controller that provides real-time light monitoring and control with utility-grade power monitoring. It includes a 24V sensor input and power supply to connect a sensor into the outdoor AirLink wireless lighting system. The wireless integrated controller is compatible with this fixture.

[Click here to learn more about AirLink.](#)

### Integral Bluetooth™ Motion and Photocell Sensor (IMSBT)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is rated for cold and wet locations (-30° C to 70° C). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

[Click here to learn more about IMSBT.](#)

### AirLink Blue

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/Site, Wall Mounted, Parking Garage and Canopy luminaires.

[Click here to learn more about AirLink Blue.](#)