City of ALACHUA

THE GOOD LIFE COMMUNITY

FOR PLANNING USE ONLY
Case #: _____
Application Fee: $_____
Filing Date: _____
Acceptance Date: _____
Review Type: P&Z

Site Plan Application

Reference City of Alachua Land Development Regulations Article 2.4.9

A. PROJECT

1. Project Name: Legacy Park Phase 2A
2. Address of Subject Property: 15400 Peggy Road, Alachua, FL 32615
3. Parcel ID Number(s): 03870-000-000
4. Existing Use of Property: Municipal Partially Developed
5. Future Land Use Map Designation : Recreation
6. Zoning Designation: GF
7. Acreage: 17.83

B. APPLICANT

1. Applicant's Status ☐ Owner (title holder) ■ Agent
2. Name of Applicant(s) or Contact Person(s): Travis Hastay Title: Project Manager
   Company (if applicable): CHW
   Mailing address: 11801 Research Drive
   City: Alachua State: FL ZIP: 32615
   Telephone: 386-518-5129 FAX: _____ e-mail: travish@chw-inc.com
3. If the applicant is agent for the property owner*:
   Name of Owner (title holder): City of Alachua
   Mailing Address: P.O. Box 9
   City: Alachua State: FL ZIP: 32616

* Must provide executed Property Owner Affidavit authorizing the agent to act on behalf of the property owner.

C. ADDITIONAL INFORMATION

1. Is there any additional contact for sale of, or options to purchase, the subject property? ☐ Yes ■ No
   If yes, list names of all parties involved: _____
   If yes, is the contract/option contingent or absolute? ☐ Contingent ☐ Absolute

D. ATTACHMENTS

1. Site Plan including but not limited to:
   a. Name, location, owner, and designer of the proposed development.
   b. Zoning of the subject property.
   c. Vicinity map - indicating general location of the site and all abutting streets and properties.
   d. Complete legal description.
   e. Statement of Proposed Uses.
   f. Location of the site in relation to adjacent properties, including the means of ingress and egress to such properties and any screening or buffers along adjacent properties.
   g. Date, north arrow, and graphic scale (not to exceed one (1) inch equal to fifty (50) feet.)
   h. Area and dimensions of site.
   i. Location of all property lines, existing right-of-way approaches, sidewalks, curbs, and gutters.
   j. Access and points of connection to utilities (electric, potable water, sanitary sewer, gas, etc.)
   k. Location and dimensions of all existing and proposed parking areas and loading areas.
   l. Location, size, and design of proposed landscaped areas (including existing trees and required landscaped buffer areas) with detail illustrating compliance with Section 6.2.2 of the Land Development Regulations.

m. Location and size of any lakes, ponds, canals, or other waters and waterways.
n. Structures and major features – fully dimensioned – including setbacks, distances between structures, floor area, width of driveways, parking spaces, property or lot lines, and floor area ratio.
o. Location of waste receptacles and detail of waste receptacle screening.
p. For development consisting of a nonresidential use, except for single tenant retail sales and services uses greater than or equal to 20,000 square feet in area and except for use types within the industrial services, manufacturing and production, warehouse freight and movement, waste-related services, and wholesale sales use categories:
    i. Architectural plans and dimension plans which demonstrate compliance with the design standards for business uses as provided in Section 6.8.2 of the LDRs, including:
        (a) Calculation of glazing of the front façade.
        (b) Calculation of the area of ground floor façades subject to glazing.
        (c) Detail on the architectural plans and dimension plans depicting façade massing and/or alternatives to required façade massing.
        (d) Sufficient plan detail and calculations of each material utilized in each façade.
q. For development consisting of a nonresidential use where a single tenant is greater than or equal to 20,000 square feet in area:
    i. Architectural plans and dimension plans which demonstrate compliance with the design standards for single tenant retail sales and service uses greater than or equal to 20,000 square feet in area as provided in Section 6.8.3 of the LDRs, including:
        (a) Calculation of glazing of the façades facing streets, residential uses, and vacant residential/agricultural land.
        (b) Calculation of the area of ground floor façades subject to glazing.
        (c) If glazing alternatives are used, calculation of area of alternative materials used.
        (d) Detail on the architectural plans and dimension plans depicting façade massing and/or alternatives to required façade massing.
        (e) Color architectural plans depicting the color of all materials used in the façade.
r. For development consisting of one or more of the following: Multi-family residential; Hotel; or Mobile Home Park:
    i. Tabulation of gross acreage.
    ii. Tabulation of density.
    iii. Number of dwelling units proposed.
    iv. Location and percent of total open space and recreation areas.
    v. Floor area of dwelling units.
    vi. Number of proposed parking spaces.
    vii. Street layout.
    viii. Layout of mobile home stands (for mobile home parks only).
    ix. City of Alachua Public School Student Generation Form.

Sheet Size: 24" X 36" with 3" left margin and ½" top, bottom, and right margins

2. Stormwater management plan - including the following:

    a. Existing contours at one (1) foot intervals based on U.S. Coastal and Geodetic Datum.
    b. Proposed finished floor elevation of each building site.
    c. Existing and proposed stormwater management facilities with size and grades.
    d. Proposed orderly disposal of surface water runoff.
    e. Centerline elevations along adjacent streets.
    f. Water Management District surfacewater management Statement of proposed uses on the site plan

3. Fire Department Access and Water Supply: The design criteria shall be Chapter 18 of the Florida Fire Prevention Code. Plans must be on separate sealed sheets and must be prepared by a professional Fire engineer licensed in the State of Florida. Fire flow calculations must be provided for each newly constructed building. When required, fire flow calculations shall be in accordance with the Guide for Determination of Required Fire Flow, latest edition, as published by the Insurance Service Office (ISO) and /or Chapter 18, Section 18.4 of the Florida Fire Prevention Code, whichever is greater. All calculations must be demonstrated and provided. All calculations and specifications must be on the plans and not on separate sheets. All fire protection plans are reviewed and approved by the Alachua County Fire Marshal.

4. Concurrency Impact Analysis showing the impact on public facilities, including potable water, sanitary sewer, transportation, solid waste, recreation, stormwater, and public schools in accordance with Article 2.4.14 of the Land Development Regulations.

5. Analysis of Consistency with the City of Alachua Comprehensive Plan (analysis must identify specific Goals, Objectives, and Policies and describe in detail how the application complies with the noted Goal, Objective, or Policy.)

For commercial project Applications:

a. In addition to submitting specific written information regarding your **commercial** development's compliance with the relevant Goals, Objectives, and Policies of the City of Alachua Comprehensive Plan, you must respond directly to the standards listed below. You should be specific in terms of how your commercial development will comply with these standards.

Policy 1.3.d Design and performance standards

The following criteria shall apply when evaluating commercial development proposals:

1. Integration of vehicular and non-vehicular access into the site and access management features of site in terms of driveway cuts and cross access between adjacent sites, including use of frontage roads and/or shared access;
2. Buffering from adjacent existing/potential uses;
3. Open space provisions and balance of proportion between gross floor area and site size;
4. Adequacy of pervious surface area in terms of drainage requirements;
5. Placement of signage;
6. Adequacy of site lighting and intrusiveness of lighting upon the surrounding area;
7. Safety of on-site circulation patterns (patron, employee and delivery vehicles), including parking layout and drive aisles, and points of conflict;
8. Landscaping, as it relates to the requirements of the Comprehensive Plan and Land Development Regulations;
9. Unique features and resources which may constrain site development, such as soils, existing vegetation and historic significance; and
10. Performance based zoning requirements, which may serve as a substitute for or accompany land development regulations in attaining acceptable site design.
11. Commercial uses shall be limited to an intensity of less than or equal to .50 floor area ratio for parcels 10 acres or greater, .50 floor area ratio for parcels less than 10 acres but 5 acres or greater, a .75 floor area ratio for parcels less than 5 acres but greater than 1 acre, and 1.0 floor area ratio to parcels 1 acre or less.

For industrial project Applications:

b. In addition to submitting specific written information regarding your **industrial** development's compliance with the relevant Goals, Objectives, and Policies of the City of Alachua Comprehensive Plan, you must respond directly to the standards listed below. You should be specific in terms of how your industrial development will comply with these standards.

Policy 1.5.d

The City shall develop performance standards for industrial uses in order to address the following:

1. Integration of vehicular and non-vehicular access into the site and access management features of site in terms of driveway cuts and cross access between adjacent sites, including use of frontage roads and/or shared access;
2. Buffering from adjacent existing/potential uses;
3. Open space provisions and balance of proportion between gross floor area and site size;
4. Adequacy of pervious surface area in terms of drainage requirements;
5. Placement of signage;
6. Adequacy of site lighting and intrusiveness of lighting upon the surrounding area;
7. Safety of on-site circulation patterns (patron, employee and delivery vehicles, trucks), including parking layout and drive aisles, and points of conflict;
8. Landscaping, as it relates to the requirements of the Comprehensive Plan and Land Development Regulations;
9. Unique features and resources which may constrain site development, such as soils, existing vegetation and historic significance; and
10. Performance based zoning requirements that may serve as a substitute for or accompany land development regulations in attaining acceptable site design.
11. Industrial uses shall be limited to an intensity of less than or equal to .50 floor area ratio for parcels 10 acres or greater, .50 floor area ratio for parcels less than 10 acres by 5 acres or greater, .75 floor area ratio for parcels less than 5 acres but greater than 1 acre, and 1.0 floor area ratio for parcels 1 acre or less.

6. *For Site Plans for Buildings Less than 80,000 Square Feet in Area:* One (1) set of labels for all property owners within 400 feet of the subject property boundaries – even if property within 400 feet falls outside of City limits (obtain from the Alachua County Property Appraiser's web site) – and all persons/organizations registered to receive notice of development applications.
   For Site Plans for Buildings Greater than or Equal to 80,000 Square Feet in Area: Two (2) sets of labels for all property owners within 400 feet of the subject property boundaries – even if property within 400 feet falls outside of City limits (obtain from the Alachua County Property Appraiser's web site) – and all persons/organizations registered to receive notice of development applications.

7. Neighborhood Meeting Materials, including:
   i. Copy of the required published notice (advertisement) – must be published a newspaper of general circulation, as defined in Article 10 of the City's Land Development Regulations
   ii. Copy of written notice (letter) sent to all property owners within 400 feet and to all persons/organizations registered with the City to receive notice, and mailing labels or list of those who received written notice
   iii. Written summary of meeting – must include (1) those in attendance; (2) a summary of the issues related to the development proposal discussed; (3) comments by those in attendance about the development proposal; and, (4) any other information deemed appropriate.

8. Legal description with tax parcel number, separate from all other documentation on 8.5" x 11" paper.

9. Proof of ownership (i.e., copy of deed.)

10. Proof of payment of taxes.

11. Environmental Resource Permit (or Letter of Exemption) from the Suwannee River Water Management District or Self-Certification for a Stormwater Management System in Uplands Serving Less than 10 Acres of Total Project Area and Less than 2 Acres of Impervious Surfaces from the Florida Department of Environmental Protection pursuant to Section 403.814(12), Florida Statutes.

12. If access is from a County Road, access management permit from Alachua County Public Works (or documentation providing evidence that a permit application has been submitted).

13. If access is from a State Road, access management permit from Florida Department of Transportation (or documentation providing evidence that a permit application has been submitted).

14. **Fee.** Please see fee schedule for fee determination. No application shall be accepted for processing until the required application fee is paid in full by the applicant. Any necessary technical review or additional reviews of the application beyond the initial engineering review fee will be billed to the applicant at the rate of the reviewing entity. The invoice shall be paid in full prior to any legislative and/or quasi-judicial action of any kind on the petition, appeal, or development application.

All 14 attachments are required for a complete application. A completeness review of the application will be conducted within five (5) business days of receipt. If the application is determined to be incomplete, the application will be returned to the applicant.

I/We certify and acknowledge that the information contained herein is true and correct to the best of my/our knowledge.

Signature of Applicant

Signature of Co-applicant

Adam Boukari, Assistant City Manager

Typed or printed name and title of applicant

Typed or printed name of co-applicant

State of Florida County of Alachua

The foregoing application is acknowledged before me this 9 day of April, 2018 by Adam Boukari

_____, who is/are personally known to me, or who has/have produced _____

as identification.

NOTARY SEAL

LYNNETA PATRICE DAVIS-HAYES
MY COMMISSION # FF 999047
EXPIRES: June 5, 2020
Bonded Thru Budget Notary Services

Signature of Notary Public, State of Florida

City of ALACHUA

THE GOOD LIFE COMMUNITY

Authorized Agent Affidavit

A. PROPERTY INFORMATION

Address of Subject Property: 15400 Peggy Road, Alachua, FL 32615

Parcel ID Number(s): 03870-000-000

Acreage: 17.83

B. PERSON PROVIDING AGENT AUTHORIZATION

Name: Adam Boukari Title: Assistant City Manager

Company (if applicable): City of Alachua

Mailing Address: P.O. Box 9

City: Alachua State: FL ZIP: 32616

Telephone: 386-418-6100 FAX: e-mail:

C. AUTHORIZED AGENT

Name: Travis Haslay, P.E. Title: Project Manager

Company (if applicable): CHW

Mailing address: 11801 Research Drive

City: Alachua State: FL ZIP: 32615

Telephone: 386-518-5129 FAX: e-mail: travish@chw-inc.com

D. REQUESTED ACTION:

Authorization to apply for and obtain permits for the Legacy Park Phase 2A project.

I hereby certify that I am the property owner of record, or I have received authorization from the property owner of record to file an application for a development permit related to the property identified above. I authorize the agent listed above to act on my behalf for purposes of this application.

Signature of Applicant

Signature of Co-applicant

Adam Boukari, Assistant City Manager

Typed or printed name and title of applicant

Typed or printed name of co-applicant

State of Florida County of Alachua

The foregoing application is acknowledged before me this 9 day of April, 2018 by

, who is/are personally known to me, or who has/have produced Adam Boukari as identification.

NOTARY SEAL

Signature of Notary Public, State of Florida

LYNNETA PATRICE DAVIS-HAYES
MY COMMISSION # FF 999047
EXPIRES: June 5, 2020
Bonded Thru Budget Notary Service

City of Alachua

TRACI L. GRESHAM
CITY MANAGER

PLANNING & COMMUNITY DEVELOPMENT
DIRECTOR KATHY WINBURN, AICP

April 9, 2018

Also sent by electronic mail to travish@chw-inc.com

Travis Hastay, P.E.
Causseaux, Hewett, & Walpole, Inc.
11801 Research Drive
Alachua, FL 32615

RE: Response to Fee Waiver Request: Legacy Park Phase 2A Site Plan Application

Dear Mr. Hastay:

The City of Alachua is in receipt of your request for the waiver of the Site Plan application fee for the Legacy Park Phase 2A Site Plan Application. The application proposes the construction of an amphitheater, stage and canopy structure, two (2) multipurpose fields, restrooms and concession stand building, and associated parking, drainage, paving, grading, and infrastructure improvements at 15400 Peggy Road (Tax Parcel Number 03870-000-000).

Section 2, Paragraph 5, of Resolution 16-13 states, "[n]otwithstanding any other provision to the contrary, any filing fee required under the City's Planning & Community Development fee schedule may be waived for any applicant which is an agency of the government of the United States, an agency of the State of Florida, and an agency of Alachua County, if a written request is received by the City within five (5) working days of the submission of the application. However, the agency shall be required to incur all costs associated with the published and mailed notification."

It is estimated that the costs associated with the published and mailed notification will be approximately $250.00.

Based upon the preceding information, it has been determined that your request is consistent with Section 2, Paragraph 5, of Resolution 16-13. Your request for a fee waiver for the Site Plan application fee for the referenced project has been approved, provided however, that the costs associated with the published and mailed notification shall be incurred by the applicant, in the amount of $250.00. This amount should be remitted with your application submittal.

If you have any questions regarding this approval, please contact the Planning & Community Development Department at 386-418-6121.

Sincerely,

Traci L Gresham

Traci L. Gresham
City Manager/LDR Administrator

c: Kathy Winburn, AICP, Planning & Community Development Director
Justin Tabor, AICP, Principal Planner
Adam Hall, AICP, Planner

MEMORANDUM

Legacy Park Phase 2
17-0373

CHW Professional Consultants

To: Fire Review
From: Travis Hastay, PE
Date: March 28, 2018
RE: Legacy Park Phase 2, Alachua, FL – Required Fire Flow

The following is a calculation for required fire flow for the proposed project based on the NFPA 1: Fire Code.

Building data is based on the information available at the time of this memo. Any changes to the building data will void the provided fire flow calculation and requires a revised analysis to verify the building complies with the applicable fire protection criteria. The building will not be protected by a fire sprinkler system.

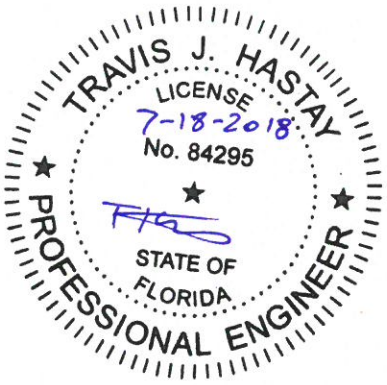
NFPA Calculations:

Building:	**Concession**
Construction Type:	II(111)
Fire Flow Area:	900 SF

Required Fire Flow per NFPA Table 18.4.5.1.2: 1,500 gpm

Conclusions

Minimum Required Fire Flow to be provided: **1,500 gpm**



t: (904) 619-6521 | 8563 Argyle Business Loop, Suite 3, Jacksonville, FL 32244
t: (352) 331-1976 | 11801 Research Drive, Alachua, FL 32615
t: (352) 414-4621 | 101 NE 1st Avenue, Ocala, FL 34470
www.chw-inc.com

Table 18.4.5.1.2 Minimum Required Fire Flow and Flow Duration for Buildings

Fire Flow Area ft^2 (× 0.0929 for m^2)					Fire Flow gpm[1] (× 3.785 for L/min)	Flow Duration (hours)
I(443), I(332), II(222)*	II(111), III(211)*	IV(2HH), V(111)*	II(000), III(200)*	V(000)*		
0–22,700	0–12,700	0–8200	0–5900	0–3600	1500	2
22,701–30,200	12,701–17,000	8201–10,900	5901–7900	3601–4800	1750	
30,201–38,700	17,001–21,800	10,901–12,900	7901–9800	4801–6200	2000	
38,701–48,300	21,801–24,200	12,901–17,400	9801–12,600	6201–7700	2250	
48,301–59,000	24,201–33,200	17,401–21,300	12,601–15,400	7701–9400	2500	
59,001–70,900	33,201–39,700	21,301–25,500	15,401–18,400	9401–11,300	2750	3
70,901–83,700	39,701–47,100	25,501–30,100	18,401–21,800	11,301–13,400	3000	
83,701–97,700	47,101–54,900	30,101–35,200	21,801–25,900	13,401–15,600	3250	
97,701–112,700	54,901–63,400	35,201–40,600	25,901–29,300	15,601–18,000	3500	
112,701–128,700	63,401–72,400	40,601–46,400	29,301–33,500	18,001–20,600	3750	4
128,701–145,900	72,401–82,100	46,401–52,500	33,501–37,900	20,601–23,300	4000	
145,901–164,200	82,101–92,400	52,501–59,100	37,901–42,700	23,301–26,300	4250	
164,201–183,400	92,401–103,100	59,101–66,000	42,701–47,700	26,301–29,300	4500	
183,401–203,700	103,101–114,600	66,001–73,300	47,701–53,000	29,301–32,600	4750	
203,701–225,200	114,601–126,700	73,301–81,100	53,001–58,600	32,601–36,000	5000	
225,201–247,700	126,701–139,400	81,101–89,200	58,601–65,400	36,001–39,600	5250	
247,701–271,200	139,401–152,600	89,201–97,700	65,401–70,600	39,601–43,400	5500	
271,201–295,900	152,601–166,500	97,701–106,500	70,601–77,000	43,401–47,400	5750	
Greater than 295,900	Greater than 166,500	106,501–115,800	77,001–83,700	47,401–51,500	6000	
		115,801–125,500	83,701–90,600	51,501–55,700	6250	
		125,501–135,500	90,601–97,900	55,701–60,200	6500	
		135,501–145,800	97,901–106,800	60,201–64,800	6750	
		145,801–156,700	106,801–113,200	64,801–69,600	7000	
		156,701–167,900	113,201–121,300	69,601–74,600	7250	
		167,901–179,400	121,301–129,600	74,601–79,800	7500	
		179,401–191,400	129,601–138,300	79,801–85,100	7750	
		Greater than 191,400	Greater than 138,300	Greater than 85,100	8000	

*Types of construction are based on NFPA 220.

[1]Measured at 20 psi (139.9 kPa).

18.4 Fire Flow Requirements for Buildings.

18.4.1* Scope.

18.4.1.1* The procedure determining fire flow requirements for buildings hereafter constructed shall be in accordance with Section 18.4.

18.4.1.2 Section 18.4 does not apply to structures other than buildings.

18.4.2 Definitions. See definitions 3.3.13.6 (Fire Flow Area) and 3.3.108 (Fire Flow).

18.4.3 Modifications.

18.4.3.1 Decreases. Fire flow requirements shall be permitted to be modified downward by the AHJ for isolated buildings or a group of buildings in rural areas or small communities where the development of full fire flow requirements is impractical.

18.4.3.2 Increases. Fire flow shall be permitted to be modified upward by the AHJ where conditions indicate an unusual susceptibility to group fires or conflagrations. An upward modification shall not be more than twice that required for the building under consideration.

18.4.4 Fire Flow Area.

18.4.4.1 General. The fire flow area shall be the total floor area of all floor levels of a building except as modified in 18.4.4.1.1.

18.4.4.1.1 Type I (443), Type I (332), and Type II (222) Construction. The fire flow area of a building constructed of Type I (443), Type I (332), and Type II (222) construction shall be the area of the three largest successive floors.

18.4.5 Fire Flow Requirements for Buildings.

18.4.5.1 One- and Two-Family Dwellings.

18.4.5.1.1 The minimum fire flow and flow duration requirements for one- and two-family dwellings having a fire flow area that does not exceed 5000 ft^2 (334.5 m^2) shall be 1000 gpm (3785 L/min) for 1 hour.

18.4.5.1.1.1 A reduction in required fire flow of 50 percent shall be permitted when the building is provided with an approved automatic sprinkler system.

18.4.5.1.1.2 A reduction in the required fire flow of 25 percent shall be permitted when the building is separated from other buildings by a minimum of 30 ft (9.1 m).

18.4.5.1.1.3 The reduction in 18.4.5.1.1.1 and 18.4.5.1.1.2 shall not reduce the required fire flow to less than 500 gpm (1900 L/min).

18.4.5.1.2 Fire flow and flow duration for dwellings having a fire flow area in excess of 5000 ft^2 (334.5 m^2) shall not be less than that specified in Table 18.4.5.1.2.

18.4.5.1.2.1 A reduction in required fire flow of 50 percent shall be permitted when the building is provided with an approved automatic sprinkler system.

18.4.5.2 Buildings Other Than One- and Two-Family Dwellings. The minimum fire flow and flow duration for buildings other than one- and two-family dwellings shall be as specified in Table 18.4.5.1.2.

18.4.5.2.1 A reduction in required fire flow of 75 percent shall be permitted when the building is protected throughout by an approved automatic sprinkler system. The resulting fire flow shall not be less than 1000 gpm (3785 L/min).

18.4.5.2.2 A reduction in required fire flow of 75 percent shall be permitted when the building is protected throughout by an approved automatic sprinkler system, which utilizes quick response sprinklers throughout. The resulting fire flow shall not be less than 600 gpm (2270 L/min).

PROJECT NAME:	Legacy Park Phase 2A - Alachua, FL	
PROJECT No.:	17-0373	3:36 PM
FILE PATH:	L:\2017\17-0373\Engineering\Utilities\Meter Sizing\	

ADF and ADF METER SIZING CALCULATIONS

Proposed Water Service: 35 fixture units

Per Figure 4-2 of AWWA M22 Manual:
35 Fixture Units = ±40 gpm

Proposed Peak Water Demand:	40.0	gpm
Meter size per Table 6-1 of AWWA Manual M22 - Sizing Water Service Lines and Meters (2nd Edition)	1	inch

Use 1" Meter

Travis J. Hastay, P.E. No. 84295

Date

CHW Professional Consultants

JACKSONVILLE | GAINESVILLE | OCALA
8563 Argyle Business Loop, Ste., 3, Jacksonville, FL 32244
11801 Research Drive, Alachua, FL 32615
101 NE 1st Ave., Ocala, FL 34470
WWW.CHW-INC.COM

REVISED Concurrency Impact Analysis

To:	Kathy Winburn, AICP, City of Alachua Planning & Community Dev. Director	17-0373
From:	Craig Brashier, AICP, Director of Planning	
Date:	June 14, 2018	
RE:	Legacy Park Phase 2A Development Plan Application	

Legacy Park is a ±105.78-acre public park located within the City of Alachua. Phase 1 of Legacy Park permitted the development of a ±39,555 sq. ft. community center. Phase 2A is ±17.83 acres and proposes additional onsite facilities including an amphitheater, a concession area with restrooms, two (2) multi-purpose fields, and associated parking, stormwater improvements and utilities. For this Concurrency Impact Analysis, estimated traffic impacts will be calculated based on the development of a ±17.83-acre Soccer Complex. Estimated water and sewer impacts are based on the meter sizing calculations provided by CHW engineers currently working on the project. Public facility capacities derive from the March 2018 Monitoring Report supplied by the City's Planning and Zoning staff. Due to the nonresidential nature of this project, the proposed recreational facility will not increase demand on the City's public-school system or recreational facilities.

Trip Generation calculations are provided in Table 1A.

Table 1A: Trip Generation Calculations

Land Use[1] (ITE)	Units	Daily		AM Peak		PM Peak	
		Rate	Trips	Rate	Trips	Rate	Trips
Soccer Complex (ITE 488)	2	71.33	142.66	.99	1.98	16.43	32.86
Total	**-**	**-**	**143**	**-**	**2**	**-**	**33**

1. *Source: ITE Trip Generation 10th Edition*

Per City of Alachua Land Development Regulations (LDR) §2.4.14(H)(2)(a), for developments generating less than or equal to 1,000 external average daily trips (ADT), affected roadway segments are all those wholly or partially located within one-half mile of the development's ingress/egress, or to the nearest intersecting major street, whichever is greater. Based on this criterion, the development's impacted roadway segment has been identified in Table 1B of this report.

Table 1B: Impacted Roadway Segment CR 2054 West

Traffic System Category	AADT	PM
	CR 2054 West	
	West of SR 235	
Maximum Service Volume[1]	14,580	1,314
Existing Traffic[1]	1,686	160
Reserved Trips[1]	1,338	133
Available Capacity[1]	11,556	1,021
Projected Trip Generation[2]	143	33
Available Capacity w/ Application Approval	**11,413**	**988**

1. *Source: City of Alachua March 2018 Development Monitoring Report*
2. *NOTE: Projected trip distribution percentage is estimated to be 100% for Segment CR 2054 West.*

Conclusion: Table 1A illustrates that Legacy Park Phase 2A will generate an estimated **143 AADT** to area roadways while Table 1B demonstrates that CR 2054 West will continue to retain sufficient capacity during both AADT and PM Peak hours. Therefore, the affected roadway segment will not operate below the adopted Level of Service (LOS) as a result of this application's approval.

Table 2. Potable Water Impact

System Category	Gallons Per Day (GPD)
Current Permitted Capacity[1]	2,300,000
Less actual Potable Water Flows[1]	1,301,000
Reserved Capacity[1]	61,382
Residual Capacity[1]	937,618
Percentage of Permitted Design Capacity Utilized[1]	59.23%
Projected Potable Water Demand from Proposed Project[2]	510
Residual Capacity after Proposed Project	**937,108**

1. *Source: City of Alachua March 2018 Development Monitoring Report*
2. *NOTE: The site's estimated potable water demand is calculated in the attached 'ADF and ADF Meter Sizing Calculations' form included with this submittal.*

Conclusion: The site is currently served by City of Alachua potable water infrastructure. As demonstrated in Table 2, the demand generated by Legacy Park Phase 2A will not exceed the City of Alachua's adopted LOS standards for potable water as capacity exists to facilitate the additional demand resulting from the proposed development.

Table 3. Sanitary Sewer Impact

System Category	Gallons Per Day (GPD)
Treatment Plant Current Permitted Capacity[1]	1,500,00
Less Actual Treatment Plant Flows[1]	654,000
Reserved Capacity[1]	57,904
Residual Capacity[1]	788,906
Percentage of Permitted Design Capacity Utilized[1]	47.41%
Projected Potable Water Demand from Proposed Project[2]	510
Residual Capacity after Proposed Project	**788,396**

1. *Source: City of Alachua March 2018 Development Monitoring Report*
2. *NOTE: The site's estimated sanitary sewer demand is calculated in the attached 'ADF and ADF Meter Sizing Calculations' form included with this submittal.*

Conclusion: The site is currently served by City of Alachua sanitary sewer infrastructure. As demonstrated in Table 3, the demand generated by Legacy Park Phase 2A will not exceed the City of Alachua's adopted LOS standards for sanitary sewer as capacity exists to facilitate the additional demand resulting from the proposed development.

Table 4. Solid Waste Impact

System Category	LBs Per Day	Tons Per Year
Existing Demand[1]	39,568.00	7,221.16
Reserved Capacity[1]	5,280.27	963.65
New River Solid Waste Facility Capacity[1]	50 years	
Solid Waste Generated by Proposed Project[2]	-	**4**

1. *Source: City of Alachua March 2018 Development Monitoring Report*
2. *NOTE: As per the City of Alachua's March 2018 Development Monitoring Report, demand is estimated as 0.73 tons 'per person' per year (or 4 pounds (lbs.) per day; 0.17 lbs. per hour). However, an easily-identifiable formula for calculating 'per person' isn't available for the intended use. Therefore, to remain consistent with the Transportation Impact section of this report, this estimated Solid Waste Impact formula will be based on the maximum number of soccer players that may utilize Legacy Park Phase 2A during a two (2) hour soccer match: (15 players per team x 2 teams per field x 2 fields) x (0.17 lbs. per hour x 2 hours x 365 days).*

Conclusion: As demonstrated in Table 4, the demand generated by Legacy Park Phase 2A will not exceed the City of Alachua's adopted LOS standards for solid waste. Capacity exists to handle the additional demand resulting from the proposed development.

Table 5A. Recreation Impacts

System Category	System Acreage
Existing City of Alachua Acreage[1]	117.65
Acreage Required to Serve Existing Population[1]	49.68
Reserved Capacity[1]	.60
Available Recreation Acerage[1]	**67.37**

1. *Source: City of Alachua March 2018 Development Monitoring Report*

Table 5B. Recreational Facilities

Facility Name[1]	Acreage
City of Alachua Hal Brady Recreation Center	24.60
Cleather Hathcock Community Center	0.84
Swick House	5.04
Alan Hitchcock Park (Theatre Park)	0.07
Criswell Park	0.39
F.E. Welch Park	1.37
Maude Lewis Park	0.99
Hitchcock Baseball Park at Skinner Field & Downtown City Park	4.28
Mebane Middle School	7.49
Alachua Elementary School	11.65
San Felasco Conservation Corridor	31.23
Legacy Park (developed area only) (Phase 1)	29.70
Legacy Park (Phase 2A)	*17.83*
Available Recreation Acerage[1]	**135.48**

1. *Source: City of Alachua March 2018 Development Monitoring Report*

Conclusion: Approval of this Development Plan Application for Legacy Park Phase 2A will not increase the demand for recreational facilities in the City of Alachua but will add useable acreage and amenities to an existing public facility including an amphitheater, a concession area with restrooms, and two (2) multi-purpose fields. As such, there will be no impacts to the City's recreation system, but rather enhancements to available acreage.

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REVISED Comprehensive Plan Consistency Analysis

To:	Kathy Winburn, AICP, City of Alachua Planning & Community Dev. Director	17-0373
From:	Craig Brashier, AICP, Director of Planning	
Date:	June 14, 2018	
RE:	Legacy Park Phase 2A Development Plan Application	

The following analysis identifies how this application is consistent with the City's Comprehensive Plan. Language from the comprehensive plan is provided in normal font, and the consistency statements are provided in **bold font**.

Future Land Use Element (FLUE)

Objective 1.7 Recreation:
The City of Alachua shall designate a Recreation land use category for all publicly or privately owned recreational lands, however, in order to provide the opportunity for recreation activities, recreational uses may be allowed outside of the Recreation land use category.

Policy 1.7.a: City-owned recreation facilities: The City of Alachua shall provide for a hierarchy of parks to include regional, community, neighborhood and pocket parks. These facilities will make available a wide array of active and resource-based recreation activities to residents inside and outside of the City limits.

Response: **Legacy Park is a ±105.78-acre public park located within the City of Alachua. Phase 1 of Legacy Park permitted the development of a ±39,555 sq. ft. community center. Phase 2A proposes additional onsite facilities including an amphitheater, a concession area with restrooms, two (2) multi-purpose fields, and associated parking, stormwater improvements and utilities.**

Policy 1.7.d: Publicly owned recreation uses shall be limited to an intensity of less than or equal to .25 floor area ratio while privately owned recreation uses within this land use category shall be limited to less than or equal to 0.05 floor area ratio.

Response: **The proposed Legacy Park Phase 2A project does not request a development intensity exceeding .25.**

Policy 5.2.a: All new development shall meet level of service requirements for roadways, potable water and sanitary sewer, stormwater, solid waste, public schools, and improved recreation in accordance with LOS standards adopted in the elements addressing these facilities.

Response: **A Concurrency Impact Analysis has been submitted as part of the Legacy Park Phase 2A Development Plan application. The Concurrency Impact Analysis demonstrates that the proposed project is consistent with the City's adopted Level of Service (LOS) for roadways, potable water, sanitary sewer, solid waste, and recreation facilities. The proposed City-owned park will not impact public schools.**

Transportation Element

Objective 1.1 The City shall establish a safe, convenient and efficient level of service standard for all motorized and non-motorized transportation systems.

Response: The proposed Legacy Park Phase 2A project will not cause the impacted roadway segment to operate below adopted transportation LOS standards. The proposed development will generate an estimated 143 AADT and 33 PM Peak trips. According to the March 2018 City of Alachua Development Monitoring Report, there is more than enough capacity on CR 2054 West to facilitate the estimated trips generated by this project.

Community Facilities and Natural Groundwater Recharge Element

Policy 1.1.d The City hereby establishes the following level of service standards for sanitary sewer facilities:

a. Quality: Compliance with all applicable standards of the U.S. Environmental Protection Agency (EPA) and the Florida Department of Environmental Protection (FDEP).
b. Quantity: System-wide wastewater collection and treatment will be sufficient to provide a minimum of 250 gallons per day per equivalent residential unit (ERU) on an average annual basis. Plant expansion shall be planned in accordance with F.A.C. 62-600.405, or subsequent provision. This level of service standard shall be reevaluated one year from the adoption date for the amended Plan.
c. System capacity: If the volume of existing use in addition to the volume of the committed use of the City's wastewater facility reaches 85% of the permitted capacity design, no further development orders for projects without reserved capacity will be issued until additional capacity becomes available or funds to increase facility capacity are committed in accordance with a development agreement.

Response: The site is currently served by City of Alachua sanitary sewer infrastructure. The proposed Legacy Park Phase 2A development requests additional recreation facilities that will comply with all applicable U.S. EPA and FDEP standards. This project will increase sanitary sewer demand by an estimated 510 gallons per day (GPD). Currently the City's sanitary sewer system has a residual capacity of 788,906 gallons per day and only 47.41% of the permitted design capacity is being utilized.

Policy 2.1.a The City hereby establishes the following level of service standards for solid waste disposal facilities:

Facility Type	Level of Service Standard
Solid Waste Landfill	0.73 tons per capita per year

Response: **As per the City of Alachua's March 2018 Development Monitoring Report, solid waste demand is calculated as 0.73 tons 'per person' per year (or 4 pounds (lbs.) per day; 0.17 lbs. per hour). However, an easily-identifiable formula for calculating 'per person' isn't available for the intended use. Therefore, to remain consistent with the Transportation Impact section of this submittal's Concurrency Impact Analysis, this estimated Solid Waste Impact formula will be based on the maximum number of soccer players that may utilize Legacy Park Phase 2A during a two (2) hour soccer match: (15 players per team x 2 teams per field x 2 fields) x (0.17 lbs. per hour x 2 hours x 365 days). Using this formula, the proposed Legacy Park Phase 2A development will generate an estimated solid waste demand of four (4) tons per year. Currently, the New River Solid Waste facility has a reserved capacity of 963.65 tons per year. As a result, the proposed project will not result in a degradation of adopted solid waste LOS standards.**

Policy 3.1.a The City hereby establishes the following water quantity and quality level of service standards for drainage facilities:

Level of Service Standard

For all projects which fall totally within a stream, or open lake watershed, detention systems must be installed such that the peak rate of post development runoff will not exceed the peak-rate of pre-development runoff for storm events up through and including either:

1. A design storm with a 10-year, 24-hour rainfall depth with Soil Conservation Service type II distribution falling on average antecedent moisture conditions for projects serving exclusively agricultural, forest, conservation, or recreational uses; or
2. A design storm with 100-year critical duration rainfall depth for projects serving any land use other than agricultural, silvicultural, conservation, or recreational uses.
3. The LOS standard for water quality treatment shall be treatment for the "first one inch" of runoff, and compliance with the design and performance standards established in Chapter 40C-42.025, FAC, and 42.035, FAC to ensure that the receiving water quality standards of Chapter 62.302.500, FAC are met and to ensure their water quality is not degraded below the minimum conditions necessary to maintain their classifications as established in Chapter 62-302, FAC. These standards shall apply to all new development and redevelopment and any exemptions, exceptions or thresholds in these citations are not applicable. Infill residential development within improved residential areas or subdivisions existing prior to the adoption of this comprehensive plan, must ensure that its post-development stormwater runoff will not contribute pollutants which will cause the runoff from the entire improved area or subdivision to degrade receiving water bodies and their water quality as stated above.

Response: **The proposed Legacy Park Phase 2A development will be consistent with the City's adopted LOS standards for stormwater. A stormwater report has been submitted with the Development Plan Application package that demonstrates consistency with these requirements.**

Policy 4.1.c. The City establishes the following level of service standards for potable water:

1. Quality: Compliance with all applicable standards of the U.S. Environmental Protection Agency (EPA) and the Florida Department of Environmental Protection.
2. Quantity: System-wide potable water distribution and treatment will be sufficient to provide a minimum of 275 gallons per day per equivalent residential unit (ERU) on an average annual basis. Plant expansion shall be planned in accordance with Florida Administrative Code.
3. System Capacity: If the volume of existing use in addition to the volume of the committed use of the City's potable water facility reaches 85% of the permitted design capacity, no further development orders or permits for projects without reserved capacity will be issued until additional capacity becomes available or funds to increase facility capacity are committed in accordance with a development agreement.

Response: **The site is currently served by City of Alachua potable water infrastructure. The proposed Legacy Park Phase 2A development requests additional recreation facilities that will comply with all applicable U.S. EPA and FDEP standards. This project will increase potable water demand by an estimated 510 GPD. Currently the City's potable water system has a residual capacity of 937,618 GPD and only 59.23% of the permitted design capacity is being utilized.**

Recreation Element

Policy 1.2.b The City shall adhere to a minimum level of service of five (5.0) acres of community, neighborhood or pocket park, per 1,000 persons, with a minimum of 20 percent of this in improved, passive parks.

Response: **Approval of this application will not increase the demand for local recreation facilities. Instead, approval of Phase 2A will increase the amount and diversity of amenities currently offered within an existing City of Alachua public park.**

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REVISED Land Development Regulations (LDR) Consistency

To:	Kathy Winburn, AICP, City of Alachua Planning & Community Dev. Director	17-0373
From:	Craig Brashier, AICP, Director of Planning	
Date:	July 18th, 2018	
RE:	Legacy Park Phase 2A Development Plan Application	

Legacy Park Phase 2A proposes to develop additional facilities in an existing City of Alachua public park, including an amphitheater, a concession area with restrooms, two (2) multi-purpose fields, and associated parking, stormwater improvements and utilities. The following analysis identifies how this application is consistent with the City's Land Development Regulations (LDR). Language from the LDR is provided in normal font, and the consistency statements are provided in **bold font**.

6.6.3 Residential Protection Standards

(A) *General conditions*. As a condition of the approval of any nonresidential development located within 500 feet of any residential district or adjacent to an existing residential single-family or two-family development, conditions may be imposed to reduce or minimize any potential adverse impacts on the residential land or development. Such conditions may include but are not limited to the following:

(1) *Hours of operation and deliveries.* Hours of operation and deliveries.

Response: **The hours of operation for the intended multipurpose fields will be consistent with existing onsite facilities, and as such, will terminate at approximately 9 pm. The proposed amphitheater will operate at hours similar to these fields with slight variations in the event of a festival, concert, or related activity. The planned concessions area will act as a supporting use to onsite activities and operate when other park facilities are in use. No truck deliveries are expected to occur on the ±17.83-acre site.**

(2) *Activities that generate potential adverse impacts*. Location on a site of activities that generate potential adverse impacts on adjacent uses such as noise and glare.

Response: **Despite the fact that onsite development is located more than 450 feet away from the nearest residential property, the proposed development will incorporate both natural features and sensible site design to maximize compatibility between onsite uses and adjacent single-family homes. Topographically, the Phase 2A development area is located at a lower elevation than adjacent residential properties, which will help curb any onsite noise and lighting impacts generated from the proposed facilities. The intended multipurpose fields, concessions area, and parking lot are expected to generate sound and lighting not unlike what already exists within the park. These fields will be located along Peggy Road to minimize light and noise impacts on adjacent residential uses while the intended concessions area and parking lot will be located internal to the site. The proposed amphitheater has also been designed to maximize compatibility with adjacent residential properties. This structure will be centrally located, directed internally to serve park patrons, operate at hours largely consistent with existing onsite facilities, and is positioned approximately 25 feet lower than the average elevation of adjacent residential properties. Finally, landscaping will be provided around the proposed parking lot and amphitheater to further mitigate any adverse impacts stemming from the intended development as indicated on the landscaping plans included with this submittal.**

(3) *Placement of trash receptacles.* Placement of trash receptacles.

Response: **The intended ±17.83-acre development does not necessitate the use of dumpsters. Solid waste will be placed in onsite trash cans where appropriate and as far from adjacent residential development as practicable.**

(4) *Loading and delivery area.* Location of loading and delivery areas.

Response: **No truck loading or deliveries will occur onsite. Any supplies delivered to the ±17.83-acre project site will be brought in via noncommercial vehicles, hand trucks, or variations thereof from a storage facility located in Phase 1.**

(5) *Lighting*. Lighting location, intensity, and hours of illumination.

Response: **Despite the fact that onsite development is located more than 450 feet away from any adjacent residential use, the proposed development will incorporate both natural features and sensible site design to maximize compatibility between onsite uses and adjacent single-family properties. Onsite multipurpose fields will be illuminated consistent with §6.4.8 of the City of Alachua LDR by ensuring that its lighting is equipped with a glare control package, directed internally to serve users, operate at an intensity similar to the park's existing baseball fields, and terminate at approximately 9 pm. The proposed amphitheater will be centrally located within the site, directed internally to serve park patrons, operate at hours similar to existing onsite facilities, and positioned approximately 25 feet lower than the average elevation of adjacent residential properties. The concession area's operational hours will run simultaneously with activities occurring at the facility and will be minimally lit. A photometric plan has been provided for the proposed Phase 2A parking lot, which has been designed to provide safe lighting for patrons with pole mounted LED fixtures that will operate from dusk to dawn.**

(6) *Placement of outdoor machines and activities*. Placement and illumination of outdoor vending machines, telephones, or similar outdoor services and activities.

Response: **No vending machines, telephones, or other similar outdoor services and activities are proposed for this phase.**

(7) *Additional landscaping and buffering to mitigate adverse impacts*. Additional landscaping and buffering to mitigate adverse impacts.

Response: **As shown on the landscape plan submitted with this application, landscaping will be provided or preserved to mitigate any adverse impacts stemming from the proposed development. For example, the existing canopy currently fronting Peggy Road will remain throughout the site's development. In addition, a number of trees will be planted around the proposed parking lot and amphitheater. Furthermore, each proposed onsite facility will be primarily located at a lower elevation than any adjacent residential use which will help curb any sound or lighting impacts generated from the subject property. This includes the proposed amphitheater which will be positioned approximately 25 feet lower than the average elevation of adjacent residential properties. Therefore, the combination of onsite topography, existing vegetation, and planted materials will successfully assist the intended development in buffering any adverse impacts stemming from onsite activities.**

(8) *Height restrictions.* Height restrictions to preserve light and privacy and views of significant features from public property and rights-of-way.

Response: **All proposed onsite structures will be one (1) story in height.**

(9) *Preservation of natural lighting and solar access.* Preservation of natural lighting and solar access.

Response: **The proposed development provides minimal barriers from the site's natural lighting and solar access. No structures are proposed that will block natural light or solar access to adjacent residential uses.**

(10) *Ventilation and control of odors and fumes.* Ventilation and control of odors and fumes.

Response: **All Legacy Park Phase 2A facilities are outdoor-oriented and provide ample space for the ventilation and control of odors and fumes.**

(11) *Paving and parking areas.* Paving to control dust.

Response: **The parking area proposed in Phase 2A will be paved and is designed consistent with the parking requirements established in the City of Alachua LDR.**

(12) *Placement or configuration of site design*. Placement or configuration of site design.

Response: **Each of the facilities proposed in this phase have been strategically placed to maximize land use efficiency, mitigate onsite impacts to adjacent properties, respect natural onsite topography, and be compliant with existing City of Alachua site design requirements. The multipurpose fields are located along Peggy Road and are buffered by existing vegetation to the southeast. The amphitheater is centrally located, directed internally to serve facility visitors, positioned approximately 25 feet lower than the average elevation of adjacent residential properties, and is buffered by both existing and proposed trees. The concessions area is located adjacent to the multipurpose fields to serve athletes and park patrons. The parking lot is designed to connect with the existing driveway and is landscaped with new trees to mitigate any impacts generated from this vehicular use area.**

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Name	Company	Street Address	City	State	Zip
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Dan Rhine		288 Turkey Creek	Alachua	FL	32615
Tom Gorman		9210 NW 59th Street	Alachua	FL	32653
Richard Gorman		5716 NW 93rd Avenue	Alachua	FL	32653
Peggy Arnold		410 Turkey Creek	Alachua	FL	32615
David Forest		23 Turkey Creek	Alachua	FL	32615
President	TCMOA	1000 Turkey Creek	Alachua	FL	32615
Linda Dixon, AICP	Assistant Director Planning	PO Box 115050	Gainesville	FL	32611
Craig Parenteau	FL Deptarment of Environmental Protection	4801 Camp Ranch Road	Gainesville	FL	32641
Jeannette Hinsdale		P.O. Box 1156	Alachua	FL	32616
Lynn Coullias		7406 NW 126th Ave	Alachua	FL	32615
Lynda Coon		7216 NW 126 Avenue	Alachua	FL	32615
Tamara Robbins		PO Box 2317	Alachua	FL	32616
Michele L. Lieberman	Interim County Manager	12 SE 1st Street	Gainesville	FL	32601

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Email: accounting@alachuatoday.com

I N V O I C E

No.: 3/8/18-AT61955-001

CHW
Beth Todd
11801 Research Drive
Alachua, FL 32615

Customer No.	Salesperson	Invoice Period	Invoice Date
5332		3/8/18 - 3/8/18	3/7/18

Date	Reference	Description	Column Inches	Rate	Quantity	Charge
3/8/18	AT61955-001	Display Ad, Run of Paper	8.50	10.250		$87.13
	AT	Dis Ad - 2x4.25 - Neighborhood Meeting				

Charges	$87.13
Total Transactions	$87.13

Within two hours the job was done and the homeowner was delighted and enthusiastic about what had been accomplished.

"They trimmed and pruned various shrubs and

Special to *Alachua County Today*

ng a bit of spring cleaning in ee surgery.

ry

Nelson; his grandchildren, Dupree, Brianna Dupree and Dupre; his greatgrandchild, ipree, and other extended mbers.

l services for Mr. Bass will 2 p.m. on Saturday, March at the Rick Gooding Funeral iefland Chapel. The family ive friends at the funeral hour prior to the service.

gements have been placed e care of Rick Gooding ome Chiefland, Florida 352- and Cross City, Florida 352- Please sign the online guest rickgoodingfuneralhomes.

achua County Today for

PUBLIC NOTICE

A Neighborhood Workshop will be held to discuss the Legacy Park, Phase 2 development plan application for a ±105 acre site in the Alachua, FL (Alachua County Tax Parcel 03870-000-000). The site is at 15400 Peggy Rd, adjacent to the Hal Brady Recreation Center. The proposed development will consist of an amphitheater building with restrooms, a concession area, two soccer fields, and the associated parking, stormwater improvements and utilities.

This is not a public hearing. The purpose of this workshop is to inform the public about the nature of the proposal and to seek their comments.

Time: 6:00 p.m. on Friday, March 23, 2018

Location: Legacy Park Recreation Center, 15400 Peggy Road, Alachua, FL 32615

Contact: Travis Hastay, P.E.
Phone Number:
(352) 331-1976

CHW
Professional Consultants

(Published: Alachua County Today - March 08, 2018)

MEMORANDUM

To:	Neighbors of Tax Parcel 03870-000-000
From:	Travis Hastay, P.E., Project Manager
Date:	March 9, 2018
RE:	Neighborhood Workshop for Legacy Park, Phase 2 - Public Notice

A Neighborhood Workshop will be held to discuss the Legacy Park, Phase 2 development plan application for a ±105 acre site in Alachua, FL. The site consists of Alachua County Tax Parcel 03870-000-000 and is at 15400 Peggy Road, adjacent to the Hal Brady Recreation Center.

The proposed development will consist of an amphitheater building with restrooms, a concession area, two soccer fields, and the associated parking, stormwater improvements and utilities.

This is not a public hearing. The purpose of this workshop is to inform the public about the nature of the proposal and to seek their comments.

Workshop Information

Date: **Friday, March 23, 2018**

Time: **6:00 p.m.**

Place: **Legacy Park Recreation Center, 15400 Peggy Road, Alachua, FL 32615**

Contact: **Travis Hastay, P.E.**
(352) 331-1976

03818-000-000
MURRAY MELANIE RAE TRUST...
14702 NW 146TH AVE
ALACHUA, FL 32615

03864-004-000
LYND DONALD W & GAIL E
PO BOX 2164
ALACHUA, FL 32616-2164

03924-000-000
KIRKLAND, W & MARGARET
PO BOX 1360
ALACHUA, FL 32616-1360

03864-007-004
BUTTRAM MARTIN J & DEBRA J
PO BOX 1691
ALACHUA, FL 32616-1691

03817-004-000
KROESSER, CAROLYN H
PO BOX 963
HAWKINSVILLE, GA 31036-0963

03864-121-000
SOUTHCARE NURSING CENTE...
7425 OLD YORK RD
ELKINS PARK, PA 19027

03864-011-000
CREWS & CREWS CO-TRUSTE...
PO BOX 1061
ALACHUA, FL 32616-1061

03864-024-000
ZAMORA AMIE & FELIX
14211 NW 154TH TER
ALACHUA, FL 32615

03919-000-000
HUNTER B R & CHRISTINE
14905 PEGGY RD
ALACHUA, FL 32615-5451

03870-000-000
CITY OF ALACHUA
PO BOX 9
ALACHUA, FL 32616

03864-019-003
LEWIS, F A
771 TURKEY CREEK
ALACHUA, FL 32615

03817-001-000
KERSEY, J A
8733 NW 181ST PL
IRVINE, FL 32686

03864-020-000
CHANNING, EDWARD
14319 NW 154TH TER
ALACHUA, FL 32615

03864-008-000
AUSTIN ANN CELLON TRUSTEE
PO BOX 1077
ALACHUA, FL 32615

03864-007-001
,

03864-022-000
HUNTER SHIRLEY T
PO BOX 1646
ALACHUA, FL 32616

03864-007-005
KLEIN & KLEIN
14523 NW 153RD TER
ALACHUA, FL 32615-4869

03864-007-008
,

03865-000-000
KIRKLAND W & MARGARET
PO BOX 1360
ALACHUA, FL 32616-1360

03860-001-000
CITY OF ALACHUA
PO BOX 9
ALACHUA, FL 32616-0009

03864-012-004
MAILBEN, ROBERT
1515 NW 7TH PL
GAINESVILLE, FL 32603

03817-003-000
DEES DOUGLAS DUANE
14511 NW 148TH ST
ALACHUA, FL 32615-8652

03864-026-002
MARTIN, BRYAN JOSEPH & KRI...
14191 NW 166TH TER
ALACHUA, FL 32615

03818-006-000
MURPHY & MURPHY & PAYNE
PO BOX 303
ALACHUA, FL 32616-0303

03863-100-000
MERCURY 1 LLC
18305 BISCAYNE BLVD STE 400
AVENTURA, FL 33160

03864-012-003
WOLF, DAVID B
PO BOX 1694
Alachua, FL 32616

03864-010-000
SMYDER CHARLES & REGINA
PO BOX 842
ALACHUA, FL 32616-0842

03864-007-011
KIMBER CLAIRE
14410 NW 153RD TER
ALACHUA, FL 32643

03864-004-001
DEWIL MOIRA
15114 NW 147TH AVE
ALACHUA, FL 32615

03866-003-000
LUMPKIN, O A JR & JOYCE
15716 PEGGY RD
ALACHUA, FL 32615

03866-000-000
LUMPKIN O A JR & JOYCE
15716 PEGGY RD
ALACHUA, FL 32615-5455

03864-009-000
MARACIC, MATTHEW L
14904 NW 147TH AVE
ALACHUA, FL 32615

03864-018-000
MULLINS JAMES C JR & CARLA ...
14412 NW 154TH TER
ALACHUA, FL 32615

03864-019-001
PELTCS FREDRICK M & ELAINE
14318 NW 154TH TER
ALACHUA, FL 32615-8648

03864-012-002
KING & SAXTON
14516 NW 148TH ST
ALACHUA, FL 32615

03864-023-000
HAMMOND HERBERT & JUDY
14204 NW 154TH TER
ALACHUA, FL 32615

03917-200-001
HUNTER, BILLY RAY & CHRISTI...
14905 PEGGY RD
ALACHUA, FL 32615-5451

03917-200-000
CSX TRANSPORTATION INC
500 WATER ST TAX DEPARTME...
JACKSONVILLE, FL 32202-4423

03865-200-000
CSX TRANSPORTATION INC
500 WATER ST TAX DEPARTME...
JACKSONVILLE, FL 32202-4423

03864-008-001
MALLARD, DEBORAH N
15115 NW 147TH AVE
ALACHUA, FL 32615

03866-001-000
MILLER MARTHA L LIFE ESTATE
15708 PEGGY RD
ALACHUA, FL 32615-5455

03864-012-000
FLINCHUM DAVID G & RACHEL ...
14805 NW 147TH AVE
ALACHUA, FL 32615

03864-012-001
WOLF, DAVID B
PO BOX 1694
Alachua, FL 32616

03864-026-000
MARTIN BRYAN JOSEPH & KRIS...
14191 NW 166TH TER
ALACHUA, FL 32615

03870-001-000
CITY OF ALACHUA
PO BOX 9
ALACHUA, FL 32616-0009

03864-007-010
MATHIS F RICHARD & LINN J C...
PO BOX 316
ALACHUA, FL 32616-0316

03817-002-000
SINGH, TARAMATTIE
4028 NW 166TH AVE
GAINESVILLE, FL 32653

03864-007-007
ESPINOSA, RACHEL
14501 NW 153RD TER
Alachua, FL 32615

03817-005-000
GOVINDAN & RAGHAVAN H/W
15139 NW 150TH RD APT 1103
ALACHUA, FL 32615

03864-005-000
ROSSOW THOMAS C & MARY L
15302 NW 147TH AVE
ALACHUA, FL 32615

03864-003-001
GUYAN GREGORY E & JOANN
15018 NW 147TH AVE
Alachua, FL 32615-8725

03866-002-000
GIBBS KARLA
15724 PEGGY RD
ALACHUA, FL 32615-5455

03864-007-012
FAHERTY VIVIAN B
15325 NW 145TH PL
ALACHUA, FL 32615

03864-020-001
COHEN & JOHANSSON H/W
14305 NW 154TH TER
ALACHUA, FL 32615

03864-024-001
PENNEY & PENNEY JR
14203 NW 154TH TER
ALACHUA, FL 32615

03873-000-000
TOMOKA HILLS FARMS INC
1301 DIXIANA DOMINO RD
LEXINGTON, KY 40511

03864-024-000
ZAMORA AMIE & FELIX
14211 NW 154TH TER
ALACHUA, FL 32615

03864-021-001
KRAMES WESLEY C & JAMIE L
14219 NW 154TH TER
ALACHUA, FL 32615

03864-018-001
HANCOCK DOUGLAS REID & T...
14404 NW 154TH TER
ALACHUA, FL 32615

03864-019-000
LEWIS F A & DIANE
PO BOX 1421
ALACHUA, FL 32616-1421

03864-007-003
FOREMAN ELBERT LEE & EUG...
PO BOX 362
ALACHUA, FL 32616-0362

03864-007-009
DAMPIER, CHESTER LANNIS
4281 REYNOSA ST
PENSACOLA, FL 32504

03872-000-000
SHIRES CYNTHIA H
PO BOX 1259
ALACHUA, FL 32616-1259

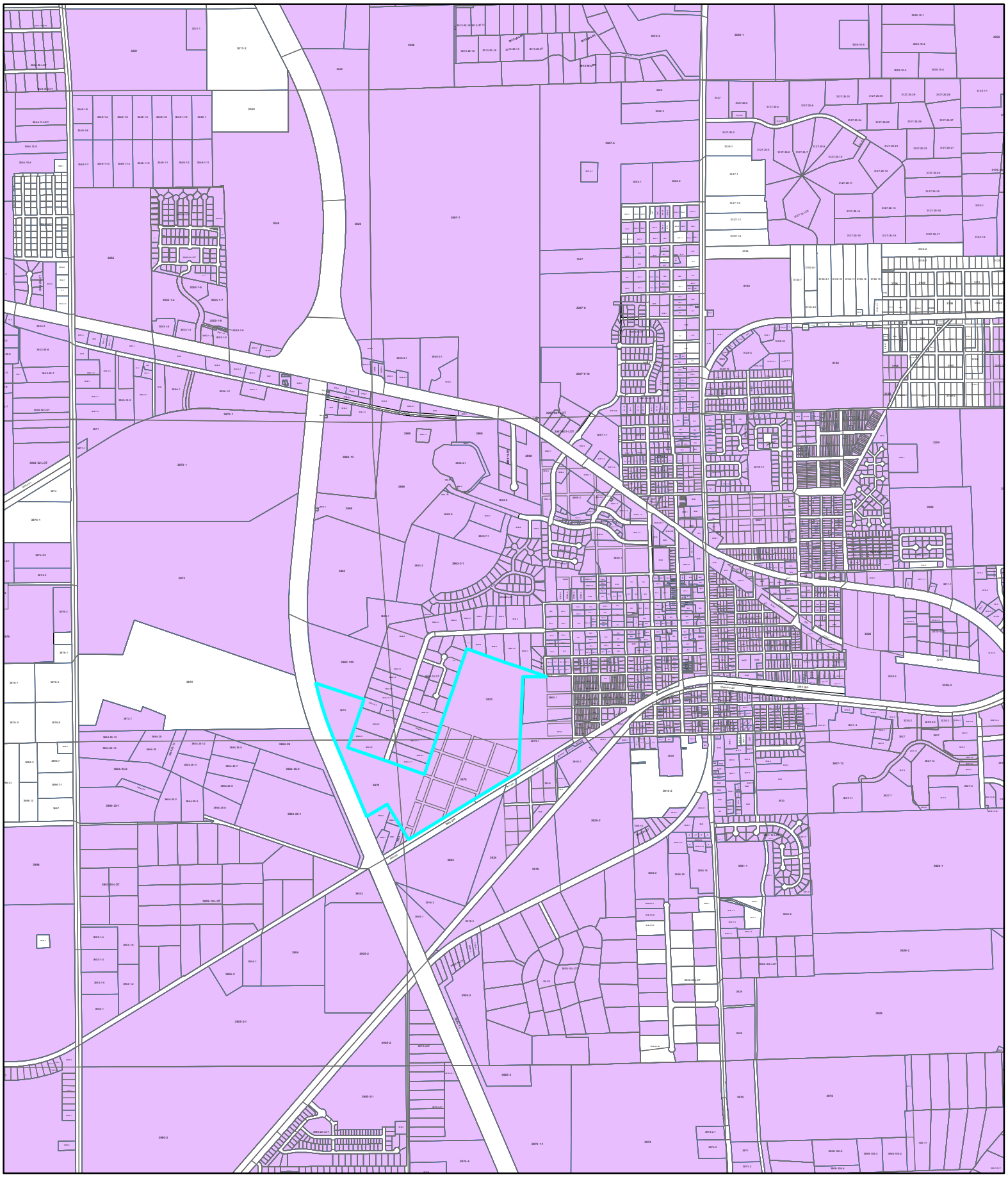
03817-000-000
CRANE & MACDOUGALL
14713 NW 146TH AVE
ALACHUA , FL 32615

03817-007-000
WOLF DAVID B
PO BOX 1694
ALACHUA, FL 32616

03817-006-000
HARRIS W T & PATSY
PO BOX 87
ALACHUA, FL 32616-0087

03864-026-001
KNIGHT & PUTZ & PUTZ
1004 NE 5TH AVE
GAINESVILLE, FL 32601-5663

03870-000-000



ALACHUA COUNTY
PROPERTY
APPRAISER

INFORMATION MAP – NOT A SURVEY
The Alachua County Property Appraiser's Office
does not assume responsibility for errors
or omissions contained herein.

N
W E
S

Name	Company	Street Address	City	State	Zip
Antoinette Endelicato		5562 NW 93rd Avenue	Gainesville	FL	32653
Dan Rhine		288 Turkey Creek	Alachua	FL	32615
Tom Gorman		9210 NW 59th Street	Alachua	FL	32653
Richard Gorman		5716 NW 93rd Avenue	Alachua	FL	32653
Peggy Arnold		410 Turkey Creek	Alachua	FL	32615
David Forest		23 Turkey Creek	Alachua	FL	32615
President	TCMOA	1000 Turkey Creek	Alachua	FL	32615
Linda Dixon, AICP	Assistant Director Planning	PO Box 115050	Gainesville	FL	32611
Craig Parenteau	FL Deptarment of Environmental Protection	4801 Camp Ranch Road	Gainesville	FL	32641
Jeannette Hinsdale		P.O. Box 1156	Alachua	FL	32616
Lynn Coullias		7406 NW 126th Ave	Alachua	FL	32615
Lynda Coon		7216 NW 126 Avenue	Alachua	FL	32615
Tamara Robbins		PO Box 2317	Alachua	FL	32616
Michele L. Lieberman	Interim County Manager	12 SE 1st Street	Gainesville	FL	32601

CHW
Professional Consultants
11801 Research Drive
Alachua, Florida 32615

03864-020-000
CHANNING, EDWARD
14319 NW 154TH TER
ALACHUA, FL 32615

CHW
Professional Consultants

TEL: (352) 331-1976
TEL: (352) 414-4621
132 NW 76th Drive, Gainesville, Florida 32607
101 NE 1st Avenue, Ocala, Florida 34470
WWW.CHW-INC.COM

planning.surveying.engineering.construction.

SIGN-IN SHEET

Event: Neighborhood Meeting
Date/Time: March 23, 2018 @ 6:00 PM
Place: Legacy Park, 14905 Peggy Road, Alachua, FL 32615
Re: Legacy Park Phase 2A

No.	Print Name	Street Address	Signature
1	Linn Check-Mathis	14404 NW 153 Terr	Linn Check Mathis
2	Rich Mathis	"	Mathis
3	Ann Austin	15109 NW 147th Ave	Ann Austin
4	L. Van Houten	14407 NW 154th Terr.	L. Peggy Lee Houten
5	Renee Cloutier	14528 NW 154th Terr.	Renee Cloutier
6	Raymond Cloutier	14528 NW 154th Terr.	R Clout
7	Fred Peltes	14318 NW 154th Ter	Fred
8	Elaine Peltes	14318 NW 154th Ter	Elaine Peltes
9			
10			
11			
12			

LEGACY PARK PHASE II

PHASE II DEVELOPMENT PLANS

NEIGHBORHOOD MEETING
MARCH 23, 2018

17-0150

WORKSHOP PURPOSE

The purpose of the neighborhood meeting:

- City of Alachua requires development plan applicants to host a neighborhood meeting
- The meeting's purpose is to inform neighbors of the proposed development's nature and to get feedback early in the development process
- This meeting provides the applicant with an opportunity to mitigate concerns prior to the application's submission

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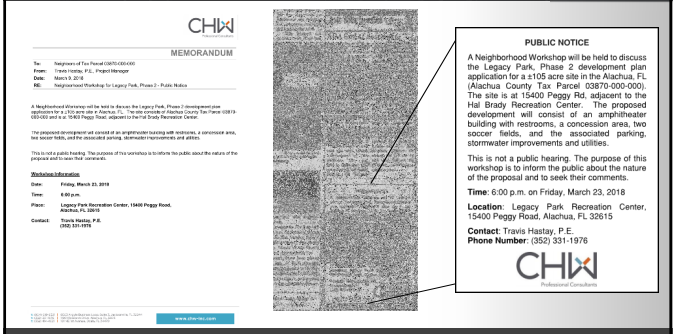
PUBLIC NOTIFICATION



MEMORANDUM

To: Neighbors of Tax Parcel 03870-000-000
From: Travis Hastay, P.E., Project Manager
Date: March 9, 2018
RE: Neighborhood Workshop for Legacy Park, Phase 2 - Public Notice

A Neighborhood Workshop will be held to discuss the Legacy Park, Phase 2 development plan application for a ±105 acre site in Alachua, FL. The site consists of Alachua County Tax Parcel 03870-000-000 and is at 15400 Peggy Road, adjacent to the Hal Brady Recreation Center.

The proposed development will consist of an amphitheater building with restrooms, a concession area, two soccer fields, and the associated parking, stormwater improvements and utilities.

This is not a public hearing. The purpose of this workshop is to inform the public about the nature of the proposal and to seek their comments.

Workshop Information

Date: Friday, March 23, 2018

Time: 6:00 p.m.

Place: Legacy Park Recreation Center, 15400 Peggy Road, Alachua, FL 32615

Contact: Travis Hastay, P.E. (352) 331-1976

www.chw-inc.com

PUBLIC NOTICE

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This is not a public hearing. The purpose of this workshop is to inform the public about the nature of the proposal and to seek their comments.

Time: 6:00 p.m. on Friday, March 23, 2018

Location: Legacy Park Recreation Center, 15400 Peggy Road, Alachua, FL 32615

Contact: Travis Hastay, P.E.
Phone Number: (352) 331-1976

CHW Professional Consultants

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APPLICATIONS

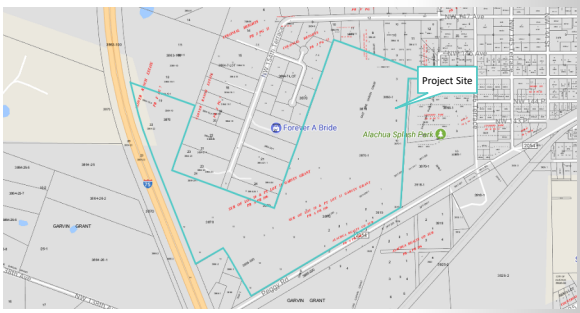
Intent:

- To develop an amphitheater building with restrooms, a concession area, two multi-purpose fields, and the associated parking, stormwater improvements and utilities.
- All proposed uses are consistent with the site's Future Land Use designation (Recreation) and Zoning District (GF).
- Development Plans are intended to be consistent with all Land Development Code requirements with no modifications, waivers, or variances.

REVIEW PROCESS

Neighborhood Meeting	March 23rd
Development Plan Submittal	March 29th
Staff Review	April
Development Review Team Meeting	April 26th
Development Plan Resubmittal	May 10th
Development Plan Submittal to Planning and Zoning Board	June 14th
Planning and Zoning Board Meeting	July 10th
Phase II Development Begins	August 30th

PROJECT LOCATION



PHASE I PLAN

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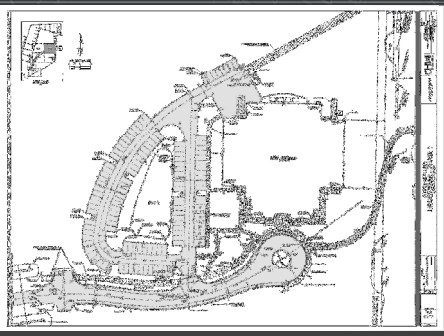
PHASE I PLAN



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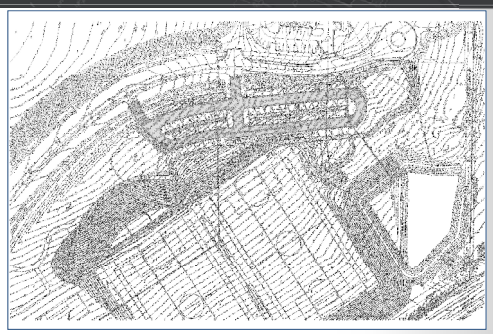
PROPOSED PHASE II PLAN

planning.design.surveying.engineering.construction. professional consultants

PROPOSED PHASE II PLAN



planning.design.surveying.engineering.construction. professional consultants

CHW

Professional Consultants

NEIGHBORHOOD MEETING MINUTES

To: City of Alachua

From: Travis Hastay, P.E.

Date: March 26, 2018

RE: Legacy Park Phase II

- Amphitheater- concerned with noise but like the idea of larger events to the south. Want separation between north and south performing – i.e. wall, curtain, etc. between.
- Concerned with noise projection.
- Concern that their property value will decrease.
- How much seating is facing north
- What sort of performances?
- South side of existing basin is eroding substantially.
    - Want plantings to help buffer erosion at existing SMF.
- For all of these improvements, will there be a tax assessment?
- Question regarding eventual road to neighborhood to NE.
- Current barbed wire fence. When will this be 6' high fence?
    - Mentioned there have been a lot of break-ins from the south
- Will trails be in this phase?
    - No.
- When will the fence be put in?
    - What phase?
- Lighting – wants to keep away from neighborhood.
- Only had folding chairs for 50 would appreciate more.
    - Was referring to previous dance performance event in gym

L:\2017\17-0373\Engineering\NHWS\MEMO 180326 Legacy Park Phase II NHWS Meeting Notes.docx

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF ALACHUA, STATE OF FL, AND IS DESCRIBED AS FOLLOWS:

A TRACT OF LAND SITUATED IN THE WILLIAM GARVIN GRANT AND SECTIONS 15 AND
22, TOWNSHIP 8 SOUTH, RANGE 18 EAST, CITY OF ALACHUA, ALACHUA COUNTY, FLORIDA, SAID TRACT OF LAND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT A CONCRETE MONUMENT BEING THE SOUTHWEST CORNER OF LOT 23 OF "CLOVER RANCH ESTATES", A SUBDIVISION AS PER PLAT THEREOF RECORDED IN PLAT BOOK "F", PAGE 7 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA FOR THE POINT OF BEGINNING AND RUN SOUTH 72°27'14" EAST, A DISTANCE OF 1320.45 FEET TO A CONCRETE MONUMENT AT THE SOUTHEAST CORNER OF LOT 24 OF SAID "CLOVER RANCH ESTATES"; THENCE RUN NORTH 17°08'10" EAST, ALONG THE SOUTHEASTERLY BOUNDARY LINE OF SAID "CLOVER RANCH ESTATES", A DISTANCE OF 2148.31 FEET TO A CONCRETE MONUMENT AT THE SOUTHWEST CORNER OF LOT 8 OF SAID "CLOVER RANCH ESTATES"; THENCE RUN SOUTH 72°27'46" EAST, ALONG THE SOUTH LINES OF LOTS 8, 9, 10, 11, AND 12 OF SAID "CLOVER RANCH ESTATES" AND AN EASTERLY PROJECTION THEREOF, A DISTANCE OF 1360.05 FEET TO A CONCRETE MONUMENT; THENCE RUN SOUTH 87°18'33" WEST, A DISTANCE OF 369.52 FEET TO A STEEL ROD AND CAP; THENCE RUN SOUTH 01°00'54" WEST, A DISTANCE OF 1552.94 FEET TO A STEEL ROD AND CAP ON THE NORTHERLY RIGHT OF WAY LINE OF COUNTY ROAD NO. 2054; THENCE RUN SOUTH 57°11'08" WEST, ALONG SAID RIGHT OF WAY LINE, A DISTANCE OF 2096.51 FEET TO A CONCRETE MONUMENT; THENCE RUN NORTH 32°48'47" WEST, A DISTANCE OF 674.77 FEET TO A CONCRETE MONUMENT; THENCE RUN SOUTH 57°11'52" WEST, A DISTANCE OF 386.03 FEET TO A CONCRETE MONUMENT ON THE EASTERLY RIGHT OF WAY LINE OF INTERSTATE HIGHWAY NO. 75 (300 FOOT RIGHT OF WAY); THENCE RUN NORTH 24°23'31" WEST, ALONG SAID RIGHT OF WAY LINE A DISTANCE OF 1354.03 FEET TO A CONCRETE MONUMENT AT THE BEGINNING OF A CURVE CONCAVE EASTERLY, SAID CURVE HAVING A RADIUS OF 5579.58 FEET; THENCE RUN NORTHWESTERLY, ALONG SAID RIGHT OF WAY LINE AND WITH SAID CURVE, THROUGH AN ARC ANGLE OF 09°55'28", AN ARC DISTANCE OF 966.46 FEET (CHORD BEARING AND DISTANCE OF NORTH 19°32'47" WEST, 965.26 FEET RESPECTIVELY) TO A CONCRETE MONUMENT; THENCE RUN SOUTH 72°29'26" EAST, A DISTANCE OF 824.50 FEET TO A CONCRETE MONUMENT ON THE WEST BOUNDARY LINE OF THE AFOREMENTIONED "CLOVER RANCH ESTATES"; THENCE RUN SOUTH 17°09'04" WEST, ALONG SAID WEST LINE, A DISTANCE OF 828.42 FEET TO THE TRUE POINT OF BEGINNING.

RECORDED IN OFFICIAL RECORDS
INSTRUMENT # 2683562 4 PG(S)
December 09, 2011 11:27:38 AM
Book 4072 Page 2184
J. K. IRBY Clerk Of Circuit Court
ALACHUA COUNTY, Florida

Doc Stamp-Deed: $7,914.20

This instrument prepared by and
after recording return to:

James H. McNeil, Jr., Esquire
Akerman Senterfitt
420 South Orange Avenue, 12th Floor
Orlando, Florida 32801

Parcel ID No. 03870-000-000

----------[SPACE ABOVE THIS LINE FOR RECORDING DATA]----------

SPECIAL WARRANTY DEED

THIS SPECIAL WARRANTY DEED is made and entered into as of the 8TH day of December, 2011, by **JTD LAND AT HEATHER GLEN, LLC,** a Florida limited liability company (hereinafter referred to as "Grantor"), to **CITY OF ALACHUA,** a political subdivision of the State of Florida (hereinafter referred to as "Grantee"), whose post office address is P. O. Box 9, Alachua, FL 32616.

W I T N E S S E T H:

THAT, for and in consideration of the sum of Ten and No/100 Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which is acknowledged by Grantor, Grantor hereby grants, bargains, sells, conveys and confirms unto Grantee all that certain real property together with the improvements thereon (hereinafter collectively referred to as the "Property"), located in Alachua County, Florida, more particularly described on **Exhibit "A"** attached hereto and made a part hereof.

TOGETHER WITH all of the Grantor's interest in and to all licenses, approvals, tenements, hereditaments and appurtenances belonging or in anywise appertaining to the Property, including without limitation on the foregoing, all right, title and interest of Grantor in and to any land lying in the bed of any dedicated street, alley, road or avenue (before or after vacation thereof, and whether previously abandoned or vacated or hereafter abandoned or vacated) in front of or adjoining the Property to the centerline thereof.

TO HAVE AND TO HOLD the same unto Grantee in fee simple, forever.

AND Grantor hereby covenants with Grantee: (1) that Grantor is lawfully seized of the Property in fee simple; (2) that Grantor has good right and lawful authority to sell and convey the Property; (3) that Grantor does hereby agree to warrant and forever defend the right and title to the Property unto Grantee against the claims of those persons claiming by, through or under Grantor, but not otherwise; and (4) that the Property is free of all encumbrances except real estate taxes and assessments accruing subsequent to December 31, 2011, and the those matters (the "Permitted Exceptions") listed on **Exhibit "B"** attached hereto and made a part hereof.

Wherever used herein, the terms "Grantor" and "Grantee" shall be deemed to include all of the parties to this Special Warranty Deed and the successors and assigns of each party. The singular shall be deemed to include the plural, and vice versa, where the context so permits.

IN WITNESS WHEREOF, Grantor has executed this Special Warranty Deed as of the day and year first above written.

Signed, sealed and delivered in the presence of:

Michele A Sheard
Name: Michele A. Sheard

Janet K. Lyon
Name: Janet K. Lyon

JTD LAND AT HEATHER GLEN, LLC, a Florida limited liability company

By: _____
Craig C. Harris, Manager

(Seal)

STATE OF FLORIDA

COUNTY OF ORANGE

The foregoing instrument was acknowledged before me this 8th day of December, 2011, by Craig C. Harris, as Manager of JTD Land at Heather Glen, LLC, a Florida limited liability company, on behalf of the limited liability company. He [X] is personally known to me or [ ] has produced _____ as identification.

Janet K. Lyon
Signature of Notary Public

[Notary Stamp]

JANET K. LYON
Commission DD 751352
Expires March 21, 2012
Bonded Thru Troy Fain Insurance 800-365-7019

EXHIBIT "A"

LEGAL DESCRIPTION

A TRACT OF LAND SITUATED IN THE WILLIAM GARVIN GRANT AND SECTIONS 15 AND 22, TOWNSHIP 8 SOUTH, RANGE 18 EAST, CITY OF ALACHUA, ALACHUA COUNTY, FLORIDA, SAID TRACT OF LAND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT A CONCRETE MONUMENT BEING THE SOUTHWEST CORNER OF LOT 23 OF "CLOVER RANCH ESTATES", A SUBDIVISION AS PER PLAT THEREOF RECORDED IN PLAT BOOK "F", PAGE 7 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA FOR THE POINT OF BEGINNING AND RUN SOUTH 72°27'14" EAST, A DISTANCE OF 1320.45 FEET TO A CONCRETE MONUMENT AT THE SOUTHEAST CORNER OF LOT 24 OF SAID "CLOVER RANCH ESTATES"; THENCE RUN NORTH 17°08'10" EAST, ALONG THE SOUTHEASTERLY BOUNDARY LINE OF SAID "CLOVER RANCH ESTATES", A DISTANCE OF 2148.31 FEET TO A CONCRETE MONUMENT AT THE SOUTHWEST CORNER OF LOT 8 OF SAID "CLOVER RANCH ESTATES"; THENCE RUN SOUTH 72°27'46" EAST, ALONG THE SOUTH LINES OF LOTS 8, 9, 10, 11 AND 12 OF SAID "CLOVER RANCH ESTATES" AND AN EASTERLY PROJECTION THEREOF, A DISTANCE OF 1360.05 FEET TO A CONCRETE MONUMENT; THENCE RUN SOUTH 87°18'33" WEST, A DISTANCE OF 369.52 FEET TO A STEEL ROD CAP; THENCE RUN SOUTH 01°00'54" WEST, A DISTANCE OF 1552.94 FEET TO A STEEL ROD AND CAP ON THE NORTHERLY RIGHT OF WAY LINE OF COUNTY ROAD NO. 2054; THENCE RUN SOUTH 57°11'08" WEST, ALONG SAID RIGHT OF WAY LINE, A DISTANCE OF 2096.51 FEET TO A CONCRETE MONUMENT; THENCE RUN NORTH 32°48'47" WEST, A DISTANCE OF 674.77 FEET TO A CONCRETE MONUMENT; THENCE RUN SOUTH 57°11'52" WEST, A DISTANCE OF 386.03 FEET TO A CONCRETE MONUMENT ON THE EASTERLY RIGHT OF WAY LINE OF INTERSTATE HIGHWAY NO. 75 (300 FOOT RIGHT OF WAY); THENCE RUN NORTH 24°23'31" WEST, ALONG SAID RIGHT OF WAY LINE A DISTANCE OF 1354.03 FEET TO A CONCRETE MONUMENT AT THE BEGINNING OF A CURVE CONCAVE EASTERLY, SAID CURVE HAVING A RADIUS OF 5579.58 FEET; THENCE RUN NORTHWESTERLY, ALONG SAID RIGHT OF WAY LINE AND WITH SAID CURVE, THROUGH AN ARC ANGLE OF 09°55'28", AN ARC DISTANCE OF 966.46 FEET (CHORD BEARING AND DISTANCE OF NORTH 19°32'47" WEST, 965.26 FEET RESPECTIVELY) TO A CONCRETE MONUMENT; THENCE RUN SOUTH 72°29'26" EAST, A DISTANCE OF 824.50 FEET TO A CONCRETE MONUMENT ON THE WEST BOUNDARY LINE OF THE AFOREMENTIONED "CLOVER RANCH ESTATES"; THENCE RUN SOUTH 17°09'04" WEST, ALONG SAID WEST LINE, A DISTANCE OF 828.42 FEET TO THE TRUE POINT OF BEGINNING.

EXHIBIT "B"

PERMITTED EXCEPTIONS

1. Easement granted to Florida Power Corp. by instrument recorded in Official Records Book 132, Page 493, of the Public Records of Alachua County, Florida.

2. Easement granted to City of Alachua by instrument recorded in Official Records Book 2633, Page 853, of the Public Records of Alachua County, Florida.

Property Search Results

The data displayed is the most current data available to the Property Appraiser.
Search Date: 2/8/2018 at 3:46:58 PM'

Printer Friendly Page

Parcel: 03870-000-000 GIS Map

Taxpayer:	CITY OF ALACHUA
Mailing:	PO BOX 9 ALACHUA, FL 32616
9-1-1 Address:	15400 PEGGY RD ALACHUA
Sec-Twn-Rng:	15-08-18
Property Use:	08050 - Municipal Vacant/Xfeature
Tax Jurisdiction:	Alachua 1700
Area:	Clover Ranch/Colonial Hgt
Subdivision:	PlaceHolder

Legal: COM SW COR CLOVER RANCH ESTATES PB F-7 POB S 72 DEG E 1320 FT N 17 DEG E ALONG S/D 2147.21 FT S 72 DEG E 1359.55 FT S 87 DEG W 343.93 FT S 1 DEG W 769.46 FT N 81 DEG E 815.05 FT S 2 DEG E 344.41 FT TO NLY R/W COUNTY RD NW 26 S 57 DEG W 3403.56 FT N 17 DEG E 369.41 FT N 72 DEG W 420 FT S 17 DEG W 200.69 FT TO E R/W I-75 NLY ALONG R/W 2566.79 FT S 72 DEG E 824.27 FT TO W LINE S/D S 17 DEG W 828 FT POB OR 765/305 & 307 LESS 3.10 ACRE TRACT ADJ TO I-75 & N OF CO RD NW 26 (LESS OR 2033/147-155) OR 4072/2184

Year	Property Use	Land Value	Land Just Value	Building Value	Misc Value	Total Just Value	Deferred Value	County Assessed	School Assessed	County Exempt	School Exempt	County Taxable	School Taxable
2017	Municipal Vacant/Xfeature	1923400	1923400	0	0	1923400	0	1923400	1923400	1923400	1923400	0	0
2016	Municipal Vacant/Xfeature	1923400	1923400	0	0	1923400	0	1923400	1923400	1923400	1923400	0	0
2015	Municipal Vacant/Xfeature	1923400	1923400	0	0	1923400	0	1923400	1923400	1923400	1923400	0	0
2014	Municipal Vacant/Xfeature	1923400	1923400	0	0	1923400	0	1923400	1923400	1923400	1923400	0	0
2013	Municipal Vacant/Xfeature	1923400	1923400	0	0	1923400	0	1923400	1923400	1923400	1923400	0	0
2012	Municipal	1923400	1923400	0	0	1923400	0	1923400	1923400	1923400	1923400	0	0
2011	Acrg Not Znd Ag	1923400	1923400	0	0	1923400	0	1923400	1923400	0	0	1923400	1923400
2010	Acrg Not Znd Ag	2060800	2060800	0	0	2060800	0	2060800	2060800	0	0	2060800	2060800
2009	Vacant	4121500	4121500	0	0	4121500	0	4121500	4121500	0	0	4121500	4121500
2008	Vacant	4121500	4121500	0	0	4121500	0	4121500	0	0	0	4121500	0

Land

Use	Zoning Type	Zoning Desc	Unit Type	Units
Municipally Owned	GF		Acre	105.68

Building

Actual Year Built	2017
Effective Year Built	2017
Building Quality	Average
Building Style	94
Building Use	7300 - Gymnasium
Bedrooms	
Baths	
Stories	
Exterior Wall 1	Concrete Block
Exterior Wall 2	
Interior Wall 1	Drywall
Interior Wall 2	N/A
Floor Cover 1	Fin Concrete
Floor Cover 2	Pine/Soft Wood
Roof Cover	Modular Metal
Roof Structure	Gable/Hip
AC	Central
Heating Type	Forced Air
Heating System	Electric
Total Square Feet	45117
Heated Square Feet	43743
---	---

Area Type	Square Footage
AOF (AVERAGE OFFICE)	3570
BAS (BASE AREA)	40173
CAN (CANOPY)	1374

Miscellaneous

Description	Unit Type	Units
0950 - Fountain	UNITS	1
1680 - Paving 1	SF	33705
0800 - Drive/Walk	SF	3400
3882 - Fence CB	SF	9600
1420 - Lights	UNITS	14

Sale

Official Public Records information is provided by the Alachua County Clerk's Office. Clicking on these links will direct you to their web site displaying the document details for this specific transaction.

Date	Price	Vac/Imp	Qualified	OR Book	OR Page	Instrument	OR Link (Clerk)
12/08/2011	1130600	V	U	4072	2184	SD	Official Public Record
12/31/2009	650000	V	U	3929	439	SD	Official Public Record
03/14/2006	4515000	V	Q	3338	141	WD	Official Public Record
11/30/2004	1875000	V	Q	3037	673	WD	Official Public Record
09/03/2004	1253000	V	Q	2989	1108	WD	Official Public Record
03/25/2003	650000	V	Q	2633	855	WD	Official Public Record
10/06/1998	367200	V	U	2196	2431	DD	Official Public Record
08/13/1991	100	V	U	1831	778	DD	Official Public Record
04/01/1987	409800	V	Q	1660	2539	WD	Official Public Record

Permit

County Permit information is supplied by the Alachua County Office of Codes Enforcement. The Alachua County Office of Codes Enforcement and the Property Appraiser's Office assume no liability whatsoever associated with the use or misuse of this public information data and will not be held liable as to the validity, correctness, accuracy, completeness, and / or reliability of this data.

Permit Number	Permit Type	Issue Date	Final Date	Appraisal Date	Comment
1-17-5262	FS	02/06/2017		01/10/2018	INSTALL FIRE SPRINKLER

Link to TaxCollector Record

The information that is supplied by the Alachua County Property Appraiser's office is public information data and must be accepted and used with the understanding that the data was collected primarily for the use and purpose of creating a Property Tax Roll per Florida Statute. The Alachua County Property Appraiser's Office will not be held liable as to the validity, correctness, accuracy, completeness, and / or reliability of this data. The Alachua County Property Appraiser's Office furthermore assumes no liability whatsoever associated with the use or misuse of this public information data.

Alachua County Property Appraiser • 515 N Main Street Suite 200 • Gainesville, FL 32601 • 352-374-5230 (FAX) 352-374-5278

John Power TAX COLLECTOR Serving Alachua County

2017 Roll Details — Real Estate Account At Unassigned Location RE

Print this page

Real Estate Account #03870 000 000 | Parcel details | **Latest bill** | **Full bill history**

2017	2016	2015	2014	...	2002
NO TAXES DUE	**NO TAXES DUE**	**NO TAXES DUE**	**NO TAXES DUE**		**PAID**

Get Bills by Email

No taxes due

Owner: CITY OF ALACHUA
PO BOX 9
ALACHUA, FL 32616
Situs: Unassigned Location RE

Account number: **03870 000 000**
Alternate Key: 1013907
Millage code: 1700
Millage rate: 23.1480

Assessed value: 1,923,400
School assessed value: 1,923,400
Unimproved land value: 1,923,400

Exemptions

MUNICIPAL PROPERTY: 1,923,400

Property Appraiser

Location is not guaranteed to be accurate.

2017 Annual bill — **View**

Ad valorem: $0.00
Non-ad valorem: $0.00
Total Discountable: 0.00
No Discount NAVA: 0.00
Total tax:

Legal description

COM SW COR CLOVER RANCH ESTATES PB F-7 POB S 72 DEG E 1320 FT N 17 DEG E ALONG S/D 2147.21 FT S 72 DEG E 1359.55 FT S - 87 DEG W 343.93 FT S 1 DEG W 769.46 FT N 81 DEG E 815.05 FT S 2 DEG E 344.41 FT TO NLY R/W COUNTY RD NW 26 S 57 DEG W - 3403.56 FT N 17 DEG E 369.41 FT N 72 DEG W 420 FT S 17 DEG W 200.69 FT TO E R/W I-75 NLY ALONG R/W 2566.79 FT S 72 DEG - E 824.27 FT TO W LINE S/D S 17 DEG W 828 FT POB OR 765/305 & 307 LESS 3.10 ACRE TRACT ADJ TO I-75 & N OF CO RD NW 26 - (LESS OR 2033/147-155) OR 4072/2184

Location

Book, page, item: 4072-2184-
Geo number: 15-08-18-03870000000
Range: 18
Township: 08
Section: 15
Neighborhood: 233215.11
Use code: 08050
Total acres: 105.680

VISA MasterCard American Express Cards DISCOVER NETWORK e-check

If necessary, please add additional pages for other contacts and property owners related to this project.

PART 4: SIGNATURES AND AUTHORIZATION TO ACCESS PROPERTY

Instructions: For multiple applicants please provide a separate Part 4 for each applicant. For corporations, the application must be signed by a person authorized to bind the corporation. A person who has sufficient real property interest (see Section 4.2.3 (d) of Applicant's Handbook Volume I) is required in (B) to authorize access to the property, except when the applicant has the power of eminent domain.

A. By signing this application form, I am applying for the permit and any proprietary authorizations identified above, according to the supporting data and other incidental information filed with this application. I am familiar with the information contained in this application and represent that such information is true, complete and accurate. I understand this is an application and not a permit, and that work prior to approval is a violation. I understand that this application and any permit issued or proprietary authorization issued pursuant thereto, does not relieve of any obligation for obtaining any other required federal, state, water management district or local permit prior to commencement of construction. I agree to operate and maintain the permitted system unless the permitting agency authorizes transfer of the permit to a different responsible operation and maintenance entity. I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S. and 18 U.S.C. Section 1001.

Adam Boukari		4/2/18
Typed/Printed Name of Applicant or Applicant's Authorized Agent	Signature of Applicant or Applicant's Authorized Agent	Date

Assistant City Manager

(Corporate Title if applicable)

B. CERTIFICATION OF SUFFICIENT REAL PROPERTY INTEREST AND AUTHORIZATION FOR STAFF TO ACCESS THE PROPERTY:
I certify that:

☑ ***I possess sufficient real property interest in or control, as defined in Section 4.2.3 (d) of Applicant's Handbook Volume I,*** over the land upon which the activities described in this application are proposed and I have legal authority to grant permission to access those lands. I hereby grant permission, evidenced by my signature below, for staff of the Agency and the U.S. Army Corps of Engineers to access, inspect, and sample the lands and waters of the property as necessary for the review of the proposed works and other activities specified in this application. I authorize these agents or personnel to enter the property as many times as may be necessary to make such review, inspection, and/ or sampling. Further, I agree to provide entry to the project site for such agents or personnel to monitor and inspect permitted work if a permit is granted.

OR

☐ I represent an entity having ***the power of eminent domain and condemnation authority***, and I/we shall make appropriate arrangements to enable staff of the Agency and the U.S. Army Corps of Engineers to access, inspect, and sample the property as described above.

Adam Boukari		4/2/18
Typed/Printed Name	Signature	Date

Assistant City Manager

(Corporate Title if applicable)

C. DESIGNATION OF AUTHORIZED AGENT (IF APPLICABLE):

I hereby designate and authorize CHW to act on my behalf, or on behalf of my corporation, as the agent in the processing of this application for the permit and / or proprietary authorization indicated above; and to furnish, on request, supplemental information in support of the application. In addition, I authorize the above-listed agent to bind me, or my corporation, to perform any requirements which may be necessary to procure the permit or authorization indicated above. I understand that knowingly making any false statement or representation in thisapplication is a violation of Section 373.430, F.S. and 18 U.S.C. Section 1001.

Adam Boukari | | 4/2/18

Typed/Printed Name of Applicant | Signature of Applicant | Date

Assistant City Manager

(Corporate Title if applicable)

Control System Summary

Project Specific Notes:

Project Information

Project #:	162130
Project Name:	Alachua Legacy Park Soccer
Date:	06/13/18
Project Engineer:	BVerStee
Sales Representative:	Danny Sheldon
Control System Type:	Control and Monitoring
Communication Type:	Digital Cellular
Scan:	162130A
Document ID:	162130P1V1-0613095925
Distribution Panel Location or ID:	Service 1
Total # of Distribution Panel Locations for Project:	1
Design Voltage/Hertz/Phase:	480/60/3
Control Voltage:	120

Equipment Listing

DESCRIPTION	APPROXIMATE SIZE
1.Control and Monitoring Cabinet	24 X 72

	QTY	SIZE
Total Contactors	10	30 AMP
Total Off/On/Auto Switches:	3	

Materials Checklist

Contractor/Customer Supplied:

- ❑ A single control circuit must be supplied per distribution panel location.
  - — If the control voltage is NOT available, a control transformer is required.
- ❑ Electrical distribution panel to provide overcurrent protection for circuits
  - — Thermal/Magnetic circuit breaker sized per full load amps on Circuit Summary by Zone Chart
- ❑ Wiring:
  - — Dedicated control power circuit
  - — Power circuit to and from lighting contactors
  - — Harnesses for cabinets at remote locations
  - — Means of grounding, including lightning ground protection
- ❑ Electrical conduit wireway system
  - — Entrance hubs rated NEMA 4: must be die-cast zinc, PVC, or copper-free die-cast aluminum
- ❑ Mounting hardware for cabinets
- ❑ Control circuit lock-on device to prevent unauthorized power interruption to control power
- ❑ Anti-corrosion compound to apply to ends of wire, if necessary

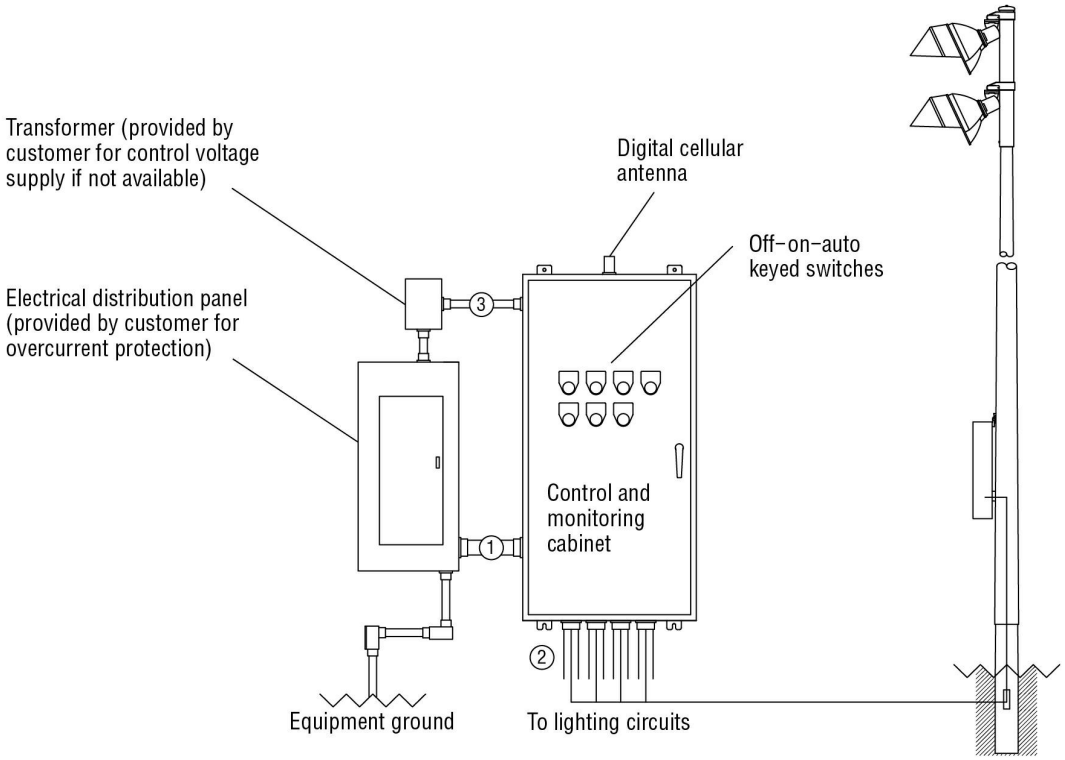
Call Control-Link Central ™ operations center at 877/347-3319 to schedule activation of the control system upon completion of the installation. Note: Activation may take up to 1 1/2 hours

IMPORTANT NOTES

1. Please confirm that the design voltage listed above is accurate for this facility. Design voltage/phase is defined as the voltage/phase being connected and utilized at each lighting pole's ballast enclosure disconnect. Inaccurate design voltage/phase can result in additional costs and delays. Contact your Musco sales representative to confirm this item.
2. In a 3 phase design, all 3 phases are to be run to each pole. When a 3 phase design is used Musco's single phase luminaires come pre-wired to utilize all 3 phases across the entire facility.
3. One contactor is required for each pole. When a pole has multiple circuits, one contactor is required for each circuit. All contactors are UL 100% rated for the published continuous load. All contactors are 3 pole.
4. If the lighting system will be fed from more than one distribution location, additional equipment may be required. Contact your Musco sales representative.
5. A single control circuit must be supplied per control system.
6. Size overcurrent devices using the full load amps column of the Circuit Summary By Zone chart- Minimum power factor is 0.9.

NOTE: Refer to Installation Instructions for more details on equipment information and the installation requirements

Control•Link® Control and Monitoring System



Wire	Description	# of Wires	Typ. Wire Size (AWG)	Max. Wire Length (FT)	Wire from Musco	Notes
1	Line power to contactors, and equipment grounding conductor	Note A	Note B	27	No	A – E
2	Load power to lighting circuits	Note A	Note B	N/A	No	A – D
3	Control power (dedicated, 20A)	3	12	N/A	No	C, D

R60-32-00_C

Notes:
A. Voltage and phasing per the notes on cover page.
B. Calculate per load and voltage drop.
C. All conduit diameters should be per code.
D. Refer to control and monitoring system installation instructions for more details on equipment information and the installation requirements.
E. Contact Musco if maximum wire length from circuit breaker to contactor exceeds value in chart.

IMPORTANT: Control (3) wires must be in separate conduit from line and load power wiring (1, 2).

Control System Summary

SWITCHING SCHEDULE

Field/Zone Description	Zones
Soccer 1	1
Soccer 2	2
Soccer 3	3

CONTROL POWER CONSUMPTION	
120V Single Phase	
VA loading of Musco Supplied Equipment	INRUSH: 3038.0
	SEALED: 350.8

CIRCUIT SUMMARY BY ZONE

POLE	CIRCUIT DESCRIPTION	# OF FIXTURES	# OF DRIVERS	*FULL LOAD AMPS	CONTACTOR SIZE (AMPS)	CONTACTOR ID	ZONE
S1	Soccer 1	7	7	**12.8**	30	C1	1
S2	Soccer 1	7	7	**12.8**	30	C2	1
S3	Soccer 1	7	7	**12.8**	30	C3	1
S4	Soccer 1	7	7	**12.8**	30	C4	1
S1	Soccer 2	7	7	**12.8**	30	C5	2
S2	Soccer 2	7	7	**12.8**	30	C6	2
S5	Soccer 2	7	7	**12.8**	30	C7	2
S6	Soccer 2	7	7	**12.8**	30	C8	2
S5	Soccer 3	7	7	**12.8**	30	C9	3
S6	Soccer 3	7	7	**12.8**	30	C10	3

*Full Load Amps based on amps per driver.

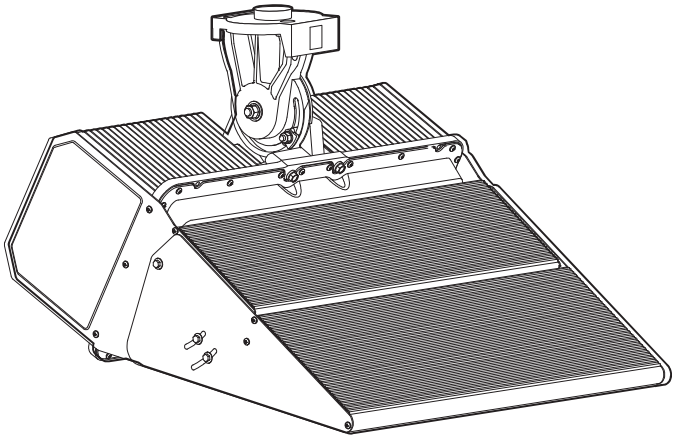
Control System Summary

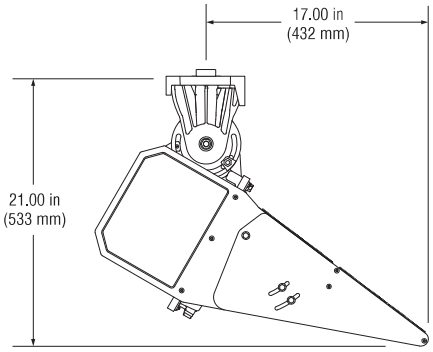
PANEL SUMMARY

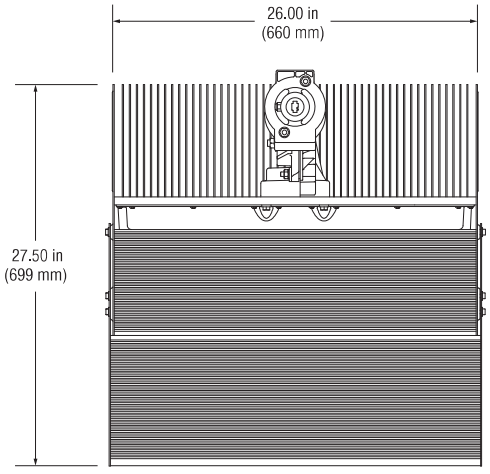
CABINET #	CONTROL MODULE LOCATION	CONTACTOR ID	CIRCUIT DESCRIPTION	FULL LOAD AMPS	DISTRIBUTION PANEL ID (BY OTHERS)	CIRCUIT BREAKER POSITION (BY OTHERS)
1	1	C1	Pole S1	12.82		
1	1	C2	Pole S2	12.82		
1	1	C3	Pole S3	12.82		
1	1	C4	Pole S4	12.82		
1	1	C5	Pole S1	12.82		
1	1	C6	Pole S2	12.82		
1	1	C7	Pole S5	12.82		
1	1	C8	Pole S6	12.82		
1	1	C9	Pole S5	12.82		
1	1	C10	Pole S6	12.82		

ZONE SCHEDULE

			CIRCUIT DESCRIPTION	
ZONE	SELECTOR SWITCH	ZONE DESCRIPTION	POLE ID	CONTACTOR ID
Zone 1	1	Soccer 1	S1 S2 S3 S4	C1 C2 C3 C4
Zone 2	2	Soccer 2	S1 S2 S5 S6	C5 C6 C7 C8
Zone 3	3	Soccer 3	S5 S6	C9 C10







Luminaire Data

Weight (luminaire) ..... 80 lb (36 kg)

UL listing number E338094

UL listed for USA / Canada UL1598 CSA-C22.2 No.250.0

Ingress protection, luminaire, international IP65

Ingress protection, luminaire, USA IP54

Material and finish ..... Aluminum, powder-coat painted

Wind speed rating (aiming only) ..... 150 mi/h (67 m/s)

UL ambient temperature rating, luminaire ..... 50°C (122°F)

Photometric Characteristics

Projected lumen maintenance per IES TM-21-11

- L90 (10.5k) ..... >63,500 h
- L80 (10.5k) ..... >63,500 h
- L70 (10.5k) ..... >63,500 h

CIE correlated color temperature ..... 5700 K

Color Rendering Index (CRI), typical 75

Color Rendering Index (CRI), minimum 70

Lumens[1] 121,000

Footnotes:

1) Lumen values at stabilized operation in 25˚C ambient temperature environment. Incorporates appropriate dirt depreciation factor for life of luminaire.

Driver Data

Electrical Data

Rated wattage[1]

- Per driver..... 1,150 W
- Per luminaire..... 1,150 W

Number of luminaires per driver..... 1

Starting (inrush) current..... <40 A, 256 µs

Fuse rating..... 15 A

UL, IEC ambient temperature rating, electrical components enclosure ..... 50˚C (122˚F)

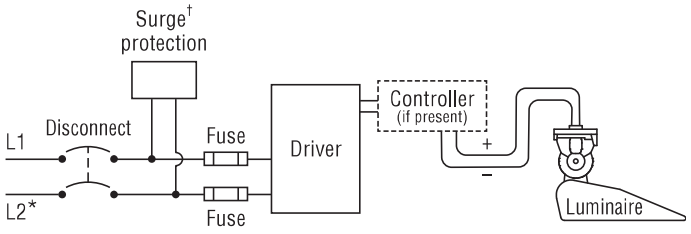
Ingress protection, electrical components enclosure IP54

Efficiency 95%

Dimming mode..... optional

- Range, energy consumption ..... 20 – 100%
- Range, light output..... 25 – 100%

Typical Wiring



* If L2 (com) is neutral then not switched or fused.
† Not present if indoor installation.

	200 Vac 50/60 Hz	208 Vac 60 Hz	220 Vac 50/60 Hz	230 Vac 50 Hz	240 Vac 50/60 Hz	277 Vac 60 Hz	347 Vac 60 Hz	380 Vac 50/60 Hz	400 Vac 50 Hz	415 Vac 50 Hz	480 Vac 60 Hz
Max operating current[2] per luminaire	7.11 A	6.83 A	6.46 A	6.18 A	5.92 A	5.13 A	4.10 A	3.74 A	3.56 A	3.43 A	2.96 A

Footnotes:

1) Rated wattage is the power consumption, including driver efficiency losses, at stabilized operation in 25˚C ambient temperature environment.

2) Operating current includes allowance for 0.90 minimum power factor, operating temperature, and LED light source manufacturing tolerances.

Notes

1. Use thermal magnetic HID-rated or D-curve circuit breakers.
2. See Musco *Control System Summary* for circuit information.

Alachua Legacy Park Soccer

Alachua,FL

Lighting System

Pole / Fixture Summary

Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
S1-S2	70'	70'	7	TLC-LED-1150	8.05 kW	A
		70'	7	TLC-LED-1150	8.05 kW	B
S3-S4	70'	70'	7	TLC-LED-1150	8.05 kW	A
S5-S6	70'	70'	7	FUTURE	8.05 kW	C
		70'	7	TLC-LED-1150	8.05 kW	B
6			***70***		***80.50 kW***	

Circuit Summary

Circuit	Description	Load	Fixture Qty
A	Soccer 1	32.2 kW	28
B	Soccer 2	32.2 kW	28
C	Soccer 3	16.1 kW	14

Fixture Type Summary

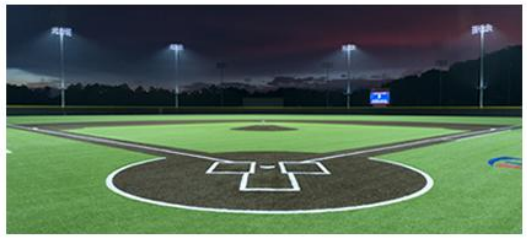
Type	Source	Wattage	Lumens	L90	L80	L70	Quantity
TLC-LED-1150	LED 5700K - 75 CRI	1150W	121,000	>63,500	>63,500	>63,500	56

Light Level Summary

Calculation Grid Summary

Grid Name	Calculation Metric	Illumination					Circuits	Fixture Qty
		Ave	Min	Max	Max/Min	Ave/Min		
Blanket Grid	Horizontal	4.77	0	40	336458.30		A,B,C	70
Soccer 1	Horizontal Illuminance	33.3	26.5	42.3	1.60	1.26	A	28
Soccer 2	Horizontal Illuminance	33.1	26.4	41.6	1.58	1.25	B	28
Soccer 3	Horizontal Illuminance	0	0	0	0.00		C	14

From Hometown to Professional



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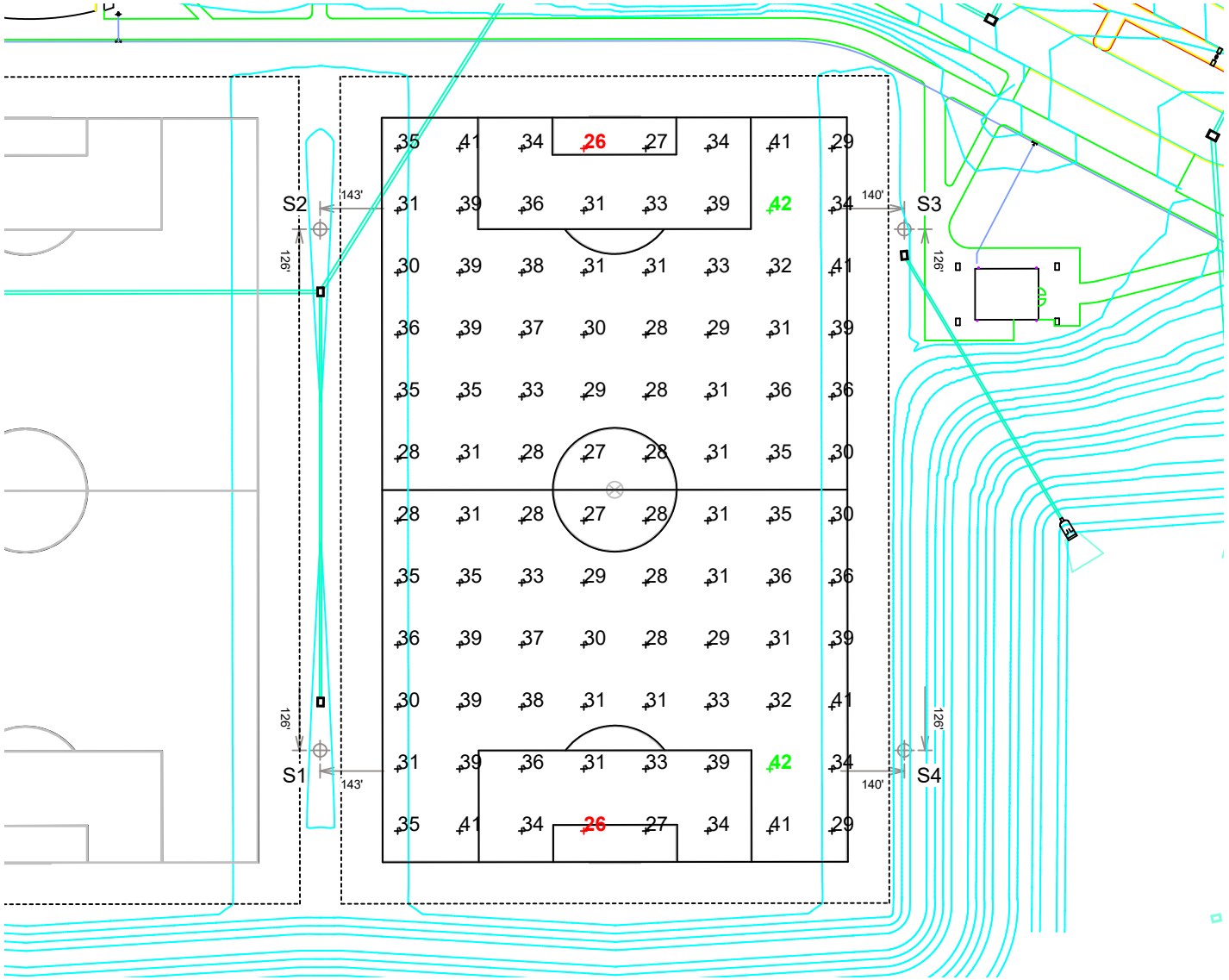
Alachua,FL

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	S1-S2	70'	-	70'	TLC-LED-1150	7/7*	7	7
2	S3-S4	70'	-	70'	TLC-LED-1150	7	7	0
4	TOTALS					42	28	14

* This structure utilizes a back-to-back mounting configuration



SCALE IN FEET 1 : 80

0' 80' 160'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

GRID SUMMARY

Name:	**Soccer 1**
Size:	360' x 225'
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

	Entire Grid
Guaranteed Average:	**30**
Scan Average:	33.30
Maximum:	42.27
Minimum:	26.49
Avg / Min:	1.26
Guaranteed Max / Min:	**2.5**
Max / Min:	1.60
UG (adjacent pts):	1.39
CU:	0.84
No. of Points:	96

LUMINAIRE INFORMATION

Color / CRI:	5700K - 75 CRI
Luminaire Output:	121,000 lumens
No. of Luminaires:	**28**
Total Load:	32.2 kW

Lumen Maintenance

Luminaire Type	L90 hrs	L80 hrs	L70 hrs
TLC-LED-1150	>63,500	>63,500	>63,500

Reported per TM-21-11. See luminaire datasheet for details.

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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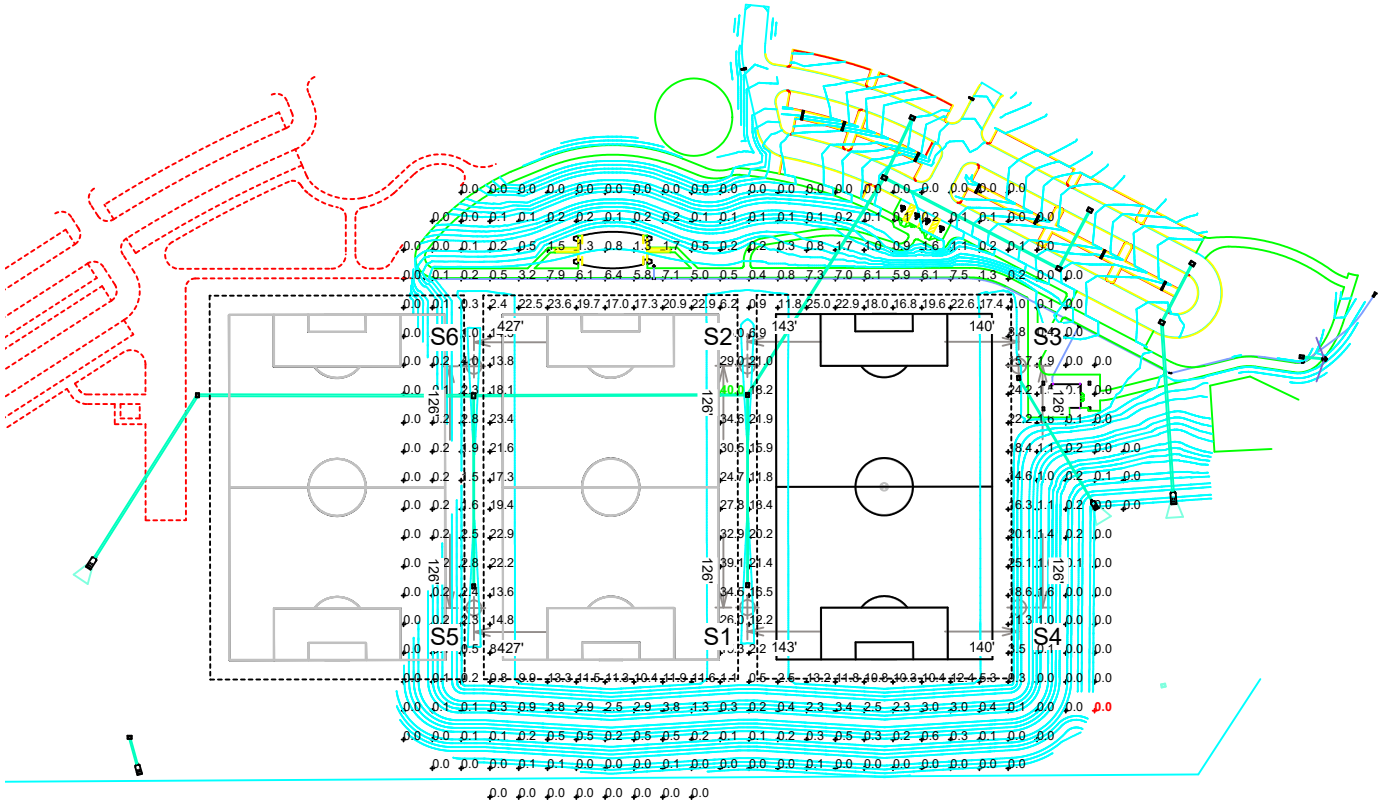
Alachua Legacy Park Soccer

Alachua,FL

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	S1-S2	70'	-	70'	TLC-LED-1150	7/7*	14	0
2	S3-S4	70'	-	70'	TLC-LED-1150	7	7	0
2	S5-S6	70'	-	70'	TLC-LED-1150	7/7*	7	7
6	TOTALS					70	56	14

* This structure utilizes a back-to-back mounting configuration



SCALE IN FEET 1 : 200

0' 200' 400'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

GRID SUMMARY

Name:	**Blanket Grid**
Size:	360' x 225'
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

	Entire Grid
Scan Average:	**4.77**
Maximum:	39.97
Minimum:	0.00
Avg / Min:	40121.45
Max / Min:	**336458.25**
UG (adjacent pts):	43.47
CU:	0.80
No. of Points:	337

LUMINAIRE INFORMATION

Color / CRI:	5700K - 75 CRI
Luminaire Output:	121,000 lumens
No. of Luminaires:	**56**
Total Load:	64.4 kW

Lumen Maintenance

Luminaire Type	L90 hrs	L80 hrs	L70 hrs
TLC-LED-1150	>63,500	>63,500	>63,500

Reported per TM-21-11. See luminaire datasheet for details.

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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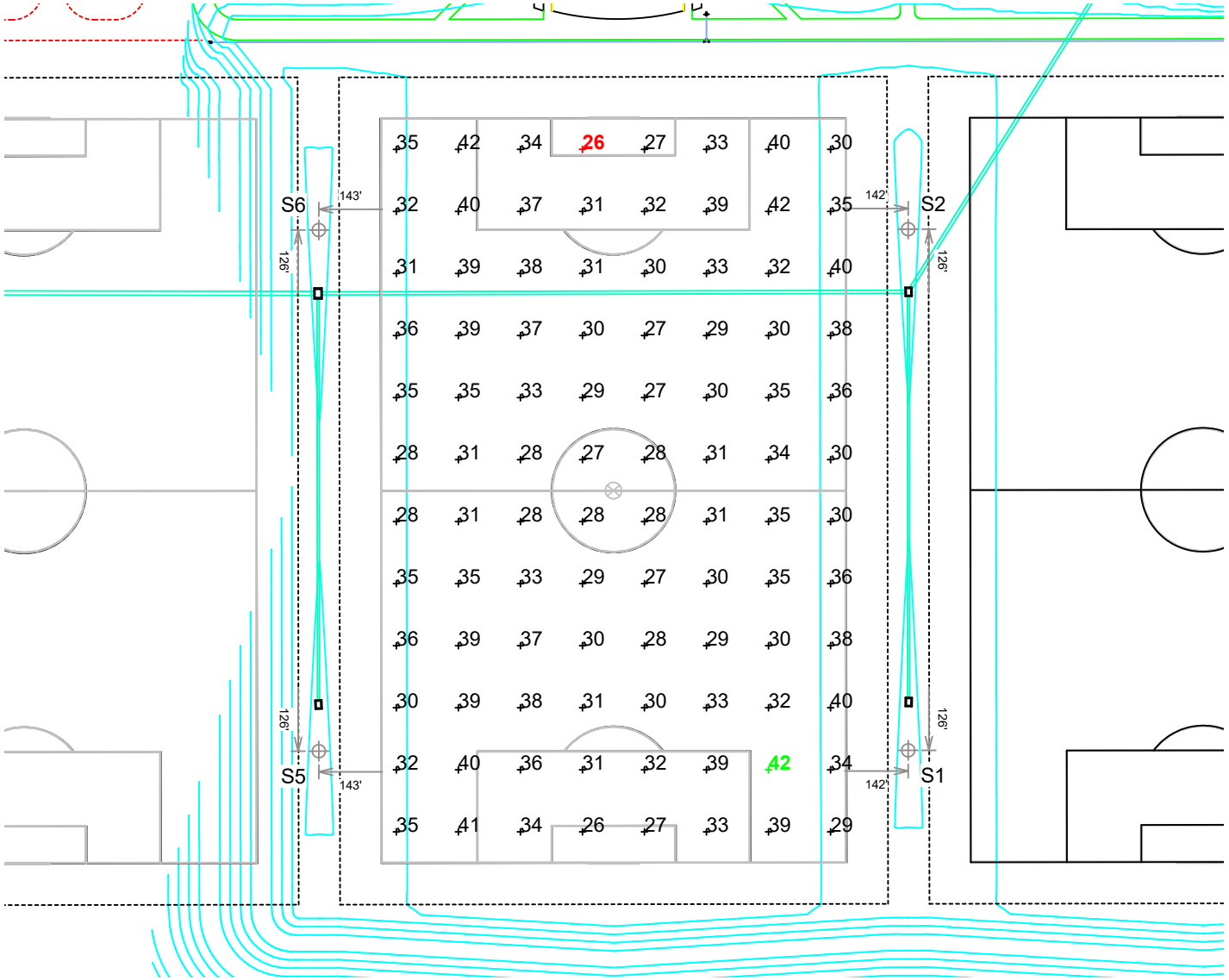
EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	S1-S2	70'	-	70'	TLC-LED-1150	7/7*	7	7
2	S5-S6	70'	-	70'	TLC-LED-1150	7/7*	7	7
4	TOTALS					56	28	28

* This structure utilizes a back-to-back mounting configuration



SCALE IN FEET 1 : 80

0' 80' 160'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

GRID SUMMARY

Name:	**Soccer 2**
Size:	360' x 225'
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

	Entire Grid
Guaranteed Average:	**30**
Scan Average:	33.11
Maximum:	41.56
Minimum:	26.39
Avg / Min:	1.25
Guaranteed Max / Min:	**2.5**
Max / Min:	1.58
UG (adjacent pts):	1.35
CU:	0.84
No. of Points:	96

LUMINAIRE INFORMATION

Color / CRI:	5700K - 75 CRI
Luminaire Output:	121,000 lumens
No. of Luminaires:	**28**
Total Load:	32.2 kW

Lumen Maintenance

Luminaire Type	L90 hrs	L80 hrs	L70 hrs
TLC-LED-1150	>63,500	>63,500	>63,500

Reported per TM-21-11. See luminaire datasheet for details.

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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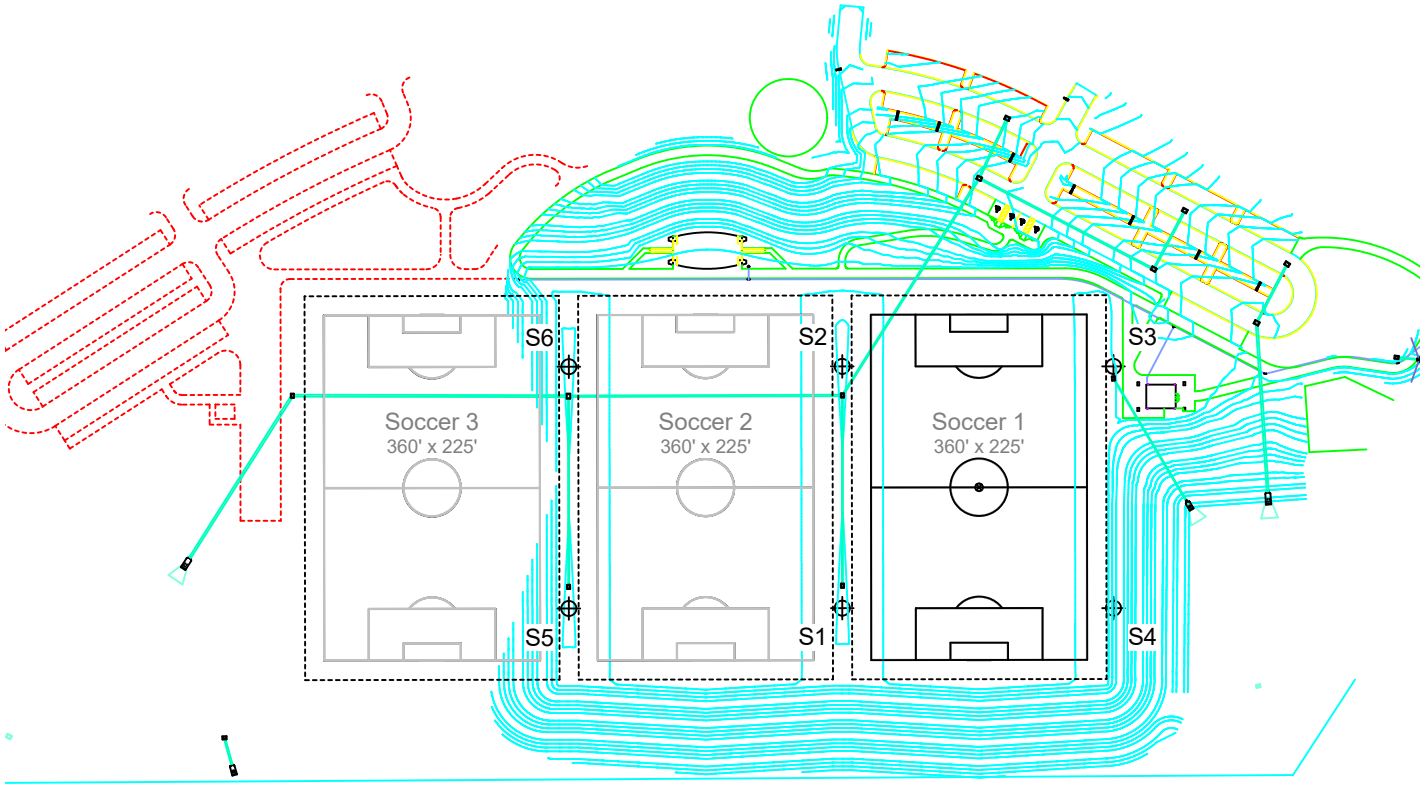

EQUIPMENT LAYOUT

INCLUDES:

· Soccer 1
· Soccer 2
· Soccer 3

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires		
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE
4	S1-S2 S5-S6	70'	-	70'	TLC-LED-1150	7/7*
2	S3-S4	70'	-	70'	TLC-LED-1150	7
6	TOTALS					70

* This structure utilizes a back-to-back mounting configuration

SINGLE LUMINAIRE AMPERAGE DRAW CHART

Ballast Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)						
Single Phase Voltage	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-LED-1150	6.8	6.5	5.9	5.1	4.1	3.7	3.0

SCALE IN FEET 1 : 200

0' 200' 400'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

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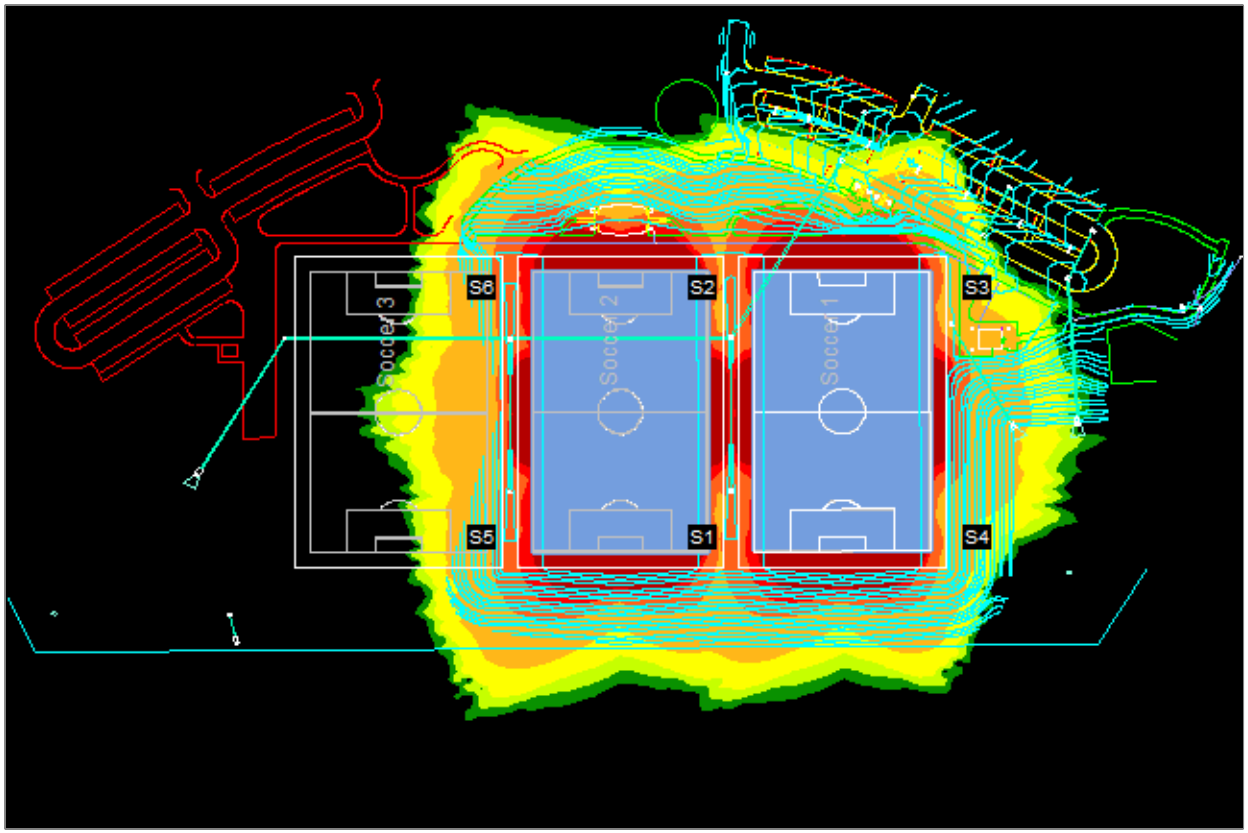

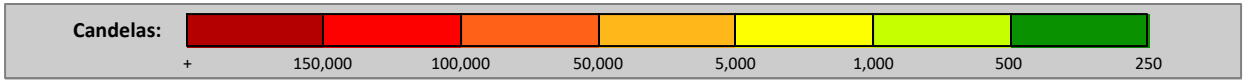

GLARE IMPACT

Summary

Map indicates the maximum candela an observer would see when facing the brightest light source from any direction.

A well-designed lighting system controls light to provide maximum useful on-field illumination with minimal destructive off-site glare.

GLARE

Candela Levels

High Glare: 150,000 or more candela
Should only occur on or very near the lit area where the light source is in direct view. Care must be taken to minimize high glare zones.

Significant Glare: 25,000 to 75,000 candela
Equivalent to high beam headlights of a car.

Minimal to No Glare: 500 or less candela
Equivalent to 100W incandescent light bulb.

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D-Series Size 1
LED Area Luminaire

Catalog Number: LEGACY PARK PHASE 2 TYPES PL, PLT

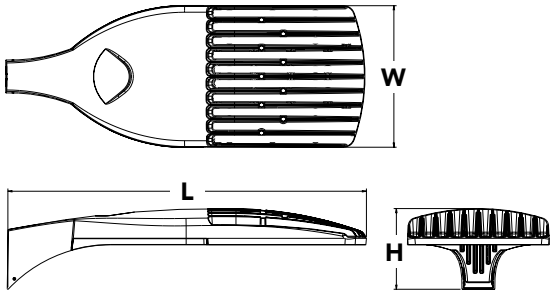
Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

EPA:	1.01 ft² (0.09 m²)
Length:	33″ (83.8 cm)
Width:	13″ (33.0 cm)
Height:	7-1/2″ (19.0 cm)
Weight (max):	27 lbs (12.2 kg)



A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability1
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background[1]

To learn more about A+, visit www.acuitybrands.com/aplus.

1. See ordering tree for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: Link to Roam; Link to DTL DLL

A+ Capable options indicated by this color background.

Ordering Information

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA DDBXD

DSX1LED

Series
DSX1 LED

LEDs
Forward optics
P1 P4 P7
P2 P5 P8
P3 P6 P9
Rotated optics
P10[1] P12[1]
P11[1] P13[1]

Color temperature
30K 3000 K
40K 4000 K
50K 5000 K
AMBPC Amber phosphor converted[2]

Distribution
T1S Type I short
T2S Type II short
T2M Type II medium
T3S Type III short
T3M Type III medium
T4M Type IV medium
TFTM Forward throw medium
T5VS Type V very short
T5S Type V short
T5M Type V medium
T5W Type V wide
BLC Backlight control[2,3]
LCCO Left corner cutoff[2,3]
RCCO Right corner cutoff[2,3]

Voltage
MVOLT[4,5]
120[6]
208[5,6]
240[5,6]
277[6]
347[5,6,7]
480[5,6,7]

Mounting
Shipped included
SPA Square pole mounting
RPA Round pole mounting
WBA Wall bracket
SPUMBA Square pole universal mounting adaptor[8]
RPUMBA Round pole universal mounting adaptor[8]
Shipped separately
KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)[9]

Control options
Shipped installed
NLTAIR2 nLight AIR generation 2 enabled[10]
PER NEMA twist-lock receptacle only (controls ordered separate)[11]
PER5 Five-wire receptacle only (controls ordered separate)[11,12]
PER7 Seven-wire receptacle only (controls ordered separate)[11,12]
DMG 0-10V dimming extend out back of housing for external control (leads exit fixture)
DS Dual switching[13,14]
PIR Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc[5,15,16]
PIRH Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc[5,15,16]
PIRHN Network, Bi-Level motion/ambient sensor[17]
PIR1FC3V Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc[5,15,16]
PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc[5,15,16]
BL30 Bi-level switched dimming, 30%[5,14,18]
BL50 Bi-level switched dimming, 50%[5,14,18]
PNMTDD3 Part night, dim till dawn[5,19]
PNMT5D3 Part night, dim 5 hrs[5,19]
PNMT6D3 Part night, dim 6 hrs[5,19]
PNMT7D3 Part night, dim 7 hrs[5,19]
FAO Field adjustable output[20]

Other options
Shipped installed
HS House-side shield[21]
SF Single fuse (120, 277, 347V)[6]
DF Double fuse (208, 240, 480V)[6]
L90 Left rotated optics[1]
R90 Right rotated optics[1]
Shipped separately
BS Bird spikes[22]
EGS External glare shield[22]

Finish *(required)*
DDBXD Dark bronze
DBLXD Black
DNAXD Natural aluminum
DWHXD White
DDBTXD Textured dark bronze
DBLBXD Textured black
DNATXD Textured natural aluminum
DWHGXD Textured white

Ordering Information

LEGACY PARK PHASE 2
TYPES PL, PLT

Accessories

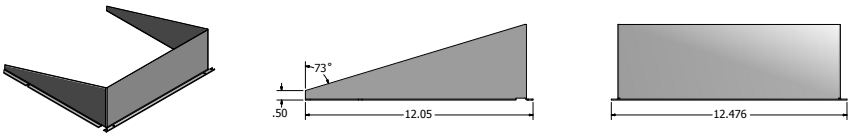
Ordered and shipped separately.

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) [23]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) [23]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) [23]
DSHORT SBK U	Shorting cap [23]
DSX1HS 30C U	House-side shield for 30 LED unit[21]
DSX1HS 40C U	House-side shield for 40 LED unit[21]
DSX1HS 60C U	House-side shield for 60 LED unit[21]
PUMBA DDBXD U*	Square and round pole universal mounting bracket (specify finish)[24]
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) [8]

For more control options, visit DTL and ROAM online.

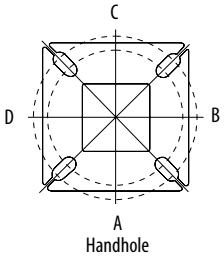
NOTES
1 P10, P11, P12 or P13 and rotated optics (L90, R90) only available together.
2 AMBPC is not available with BLC, LCCO, RCCO or P4, P7, P8, P9 or P13.
3 Not available with HS.
4 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
5 Any PIRx with BL30, BL50 or PNMT, is not available with 208V, 240V, 347V, 480V or MVOLT. It is only available in 120V or 277V specified.
6 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
7 Not available in P1 or P10. Not available with BL30, BL50 or PNMT options.
8 Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
9 Must order fixture with SPA option. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
10 Must be ordered with PIRHN.
11 Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option. Shorting cap included.
12 If ROAM® node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Node with integral dimming. Shorting cap included.
13 Provides 50/50fixture operation via (2) independent drivers. Not available with PER, PER5, PER7, PIR or PIRH. Not available P1, P2, P3 or P4.
14 Requires (2) separately switched circuits.
15 Reference Motion Sensor table on page 3.
16 Reference PER table on page 3 to see functionality.
17 Must be ordered with NLTAIR2. For more information on nLight Air 2 visit this link.
18 Not available with 347V, 480V, PNMT, DS. For PER5 or PER7, see PER Table on page 3. Requires isolated neutral.
19 Not available with 347V, 480V, DS, BL30, BL50. For PER5 or PER7, see PER Table on page 3. Separate Dusk to Dawn required.
20 Not available with other dimming controls options
21 Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
22 Must be ordered with fixture for factory pre-drilling.
23 Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table on page 3.
24 For retrofit use only.

External Glare Shield

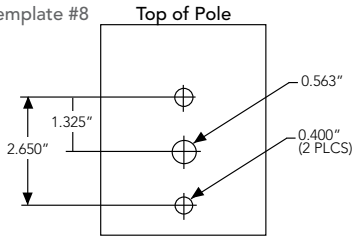


Drilling

HANDHOLE ORIENTATION



Template #8



Tenon Mounting Slipfitter **

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

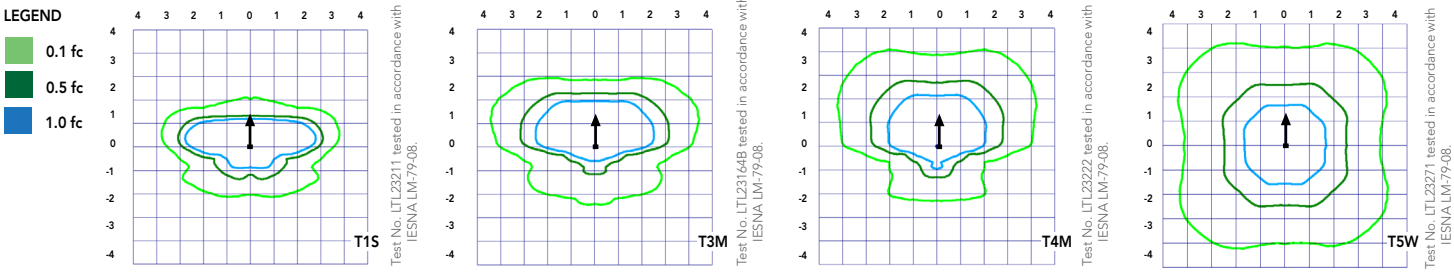
Pole drilling nomenclature: # of heads at degree from handhole (default side A)					
DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS
1 @ 90°	2 @ 280°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
Side B	Side B & D	Side B & C	Round pole only	Side B, C, & D	Sides A, B, C, D
Note: Review luminaire spec sheet for specific nomenclature					

Pole top or tenon O.D.	4.5" @ 90°	4" @ 90°	3.5" @ 90°	3" @ 90°	4.5" @ 120°	4" @ 120°	3.5" @ 120°	3" @ 120°
DSX SPA	Y	Y	Y	N	-	-	-	-
DSX RPA	Y	Y	N	N	Y	Y	Y	Y
DSX SPUMBA	Y	N	N	N	-	-	-	-
DSX RPUMBA	N	N	N	N	Y	Y	Y	N
					*3 fixtures @120 require round pole top/tenon.			

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Area Size 1 homepage.

Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (25').



Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.04
5°C	41°F	1.04
10°C	50°F	1.03
15°C	50°F	1.02
20°C	68°F	1.01
25°C	**77°F**	**1.00**
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25000	50000	100000
Lumen Maintenance Factor	1.00	0.96	0.92	0.85

Electrical Load

	Performance Package	LED Count	Drive Current	Wattage	Current (A) 120	208	240	277	347	480
Forward Optics (Non-Rotated)	P1	30	530	54	0.45	0.26	0.23	0.19	0.10	0.12
	P2	30	700	70	0.59	0.34	0.30	0.25	0.20	0.16
	P3	30	1050	102	0.86	0.50	0.44	0.38	0.30	0.22
	P4	30	1250	125	1.06	0.60	0.52	0.46	0.37	0.27
	P5	30	1400	138	1.16	0.67	0.58	0.51	0.40	0.29
	P6	40	1250	163	1.36	0.78	0.68	0.59	0.47	0.34
	P7	40	1400	183	1.53	0.88	0.76	0.66	0.53	0.38
	P8	60	1050	207	1.74	0.98	0.87	0.76	0.64	0.49
	P9	60	1250	241	2.01	1.16	1.01	0.89	0.70	0.51
Rotated Optics (Requires L90 or R90)	P10	60	530	106	0.90	0.52	0.47	0.43	0.33	0.27
	P11	60	700	137	1.15	0.67	0.60	0.53	0.42	0.32
	P12	60	1050	207	1.74	0.99	0.87	0.76	0.60	0.46
	P13	60	1250	231	1.93	1.12	0.97	0.86	0.67	0.49

Motion Sensor Default Settings						
Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min
*for use with Inline Dusk to Dawn or timer.						

PER Table						
Control	PER (3 wire)	PER5 (5 wire)		PER7 (7 wire)		
			Wire 4/Wire5		Wire 4/Wire5	Wire 6/Wire7
Photocontrol Only (On/Off)	✔	⚠	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM	⊘	✔	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM with Motion (ROAM on/off only)	⊘	⚠	Wires Capped inside fixture	⚠	Wires Capped inside fixture	Wires Capped inside fixture
Future-proof*	⊘	⚠	Wired to dimming leads on driver	✔	Wired to dimming leads on driver	Wires Capped inside fixture
Future-proof* with Motion	⊘	⚠	Wires Capped inside fixture	✔	Wires Capped inside fixture	Wires Capped inside fixture

✔ Recommended
⊘ Will not work
⚠ Alternate

*Future-proof means: Ability to change controls in the future.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
40	1250	P6	163W	T1S	17,654	3	0	3	108	19,018	3	0	3	117	19,259	3	0	3	118					
				T2S	17,635	3	0	3	108	18,998	3	0	3	117	19,238	3	0	3	118					
				T2M	17,726	3	0	3	109	19,096	3	0	3	117	19,337	3	0	3	119					
				T3S	17,167	3	0	3	105	18,493	3	0	3	113	18,727	3	0	3	115					
				T3M	17,683	3	0	3	108	19,049	3	0	3	117	19,290	3	0	3	118					
				T4M	17,299	3	0	3	106	18,635	3	0	4	114	18,871	3	0	4	116					
				TFTM	17,672	3	0	3	108	19,038	3	0	4	117	19,279	3	0	4	118					
				T5VS	18,379	4	0	1	113	19,800	4	0	1	121	20,050	4	0	1	123					
				T5S	18,394	4	0	2	113	19,816	4	0	2	122	20,066	4	0	2	123					
				T5M	18,348	4	0	2	113	19,766	4	0	2	121	20,016	4	0	2	123					
				T5W	18,228	5	0	3	112	19,636	5	0	3	120	19,885	5	0	3	122					
				BLC	14,489	2	0	2	89	15,609	2	0	3	96	15,806	2	0	3	97					
				LCCO	10,781	1	0	3	66	11,614	1	0	3	71	11,761	2	0	3	72					
				RCCO	10,781	1	0	3	66	11,614	1	0	3	71	11,761	2	0	3	72					
40	1400	P7	183W	T1S	19,227	3	0	3	105	20,712	3	0	3	113	20,975	3	0	3	115					
				T2S	19,206	3	0	3	105	20,690	3	0	3	113	20,952	3	0	3	114					
				T2M	19,305	3	0	3	105	20,797	3	0	3	114	21,060	3	0	3	115					
				T3S	18,696	3	0	3	102	20,141	3	0	3	110	20,396	3	0	4	111					
				T3M	19,258	3	0	3	105	20,746	3	0	3	113	21,009	3	0	3	115					
				T4M	18,840	3	0	4	103	20,296	3	0	4	111	20,553	3	0	4	112					
				TFTM	19,246	3	0	4	105	20,734	3	0	4	113	20,996	3	0	4	115					
				T5VS	20,017	4	0	1	109	21,564	4	0	1	118	21,837	4	0	1	119					
				T5S	20,033	4	0	2	109	21,581	4	0	2	118	21,854	4	0	2	119					
				T5M	19,983	4	0	2	109	21,527	5	0	3	118	21,799	5	0	3	119					
				T5W	19,852	5	0	3	108	21,386	5	0	3	117	21,656	5	0	3	118					
				BLC	15,780	2	0	3	86	16,999	2	0	3	93	17,214	2	0	3	94					
				LCCO	11,742	2	0	3	64	12,649	2	0	3	69	12,809	2	0	3	70					
				RCCO	11,742	2	0	3	64	12,649	2	0	3	69	12,809	2	0	3	70					
60	1050	P8	207W	T1S	22,490	3	0	3	109	24,228	3	0	3	117	24,535	3	0	3	119					
				T2S	22,466	3	0	4	109	24,202	3	0	4	117	24,509	3	0	4	118					
				T2M	22,582	3	0	3	109	24,327	3	0	3	118	24,635	3	0	3	119					
				T3S	21,870	3	0	4	106	23,560	3	0	4	114	23,858	3	0	4	115					
				T3M	22,527	3	0	4	109	24,268	3	0	4	117	24,575	3	0	4	119					
				T4M	22,038	3	0	4	106	23,741	3	0	4	115	24,041	3	0	4	116					
				TFTM	22,513	3	0	4	109	24,253	3	0	4	117	24,560	3	0	4	119					
				T5VS	23,415	5	0	1	113	25,224	5	0	1	122	25,543	5	0	1	123					
				T5S	23,434	4	0	2	113	25,244	4	0	2	122	25,564	4	0	2	123					
				T5M	23,374	5	0	3	113	25,181	5	0	3	122	25,499	5	0	3	123					
				T5W	23,221	5	0	4	112	25,016	5	0	4	121	25,332	5	0	4	122					
				BLC	18,458	2	0	3	89	19,885	2	0	3	96	20,136	2	0	3	97					
				LCCO	13,735	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72					
				RCCO	13,735	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72					
60	1250	P9	241W	T1S	25,575	3	0	3	106	27,551	3	0	3	114	27,900	3	0	3	116					
				T2S	25,548	3	0	4	106	27,522	3	0	4	114	27,871	3	0	4	116					
				T2M	25,680	3	0	3	107	27,664	3	0	3	115	28,014	3	0	3	116					
				T3S	24,870	3	0	4	103	26,791	3	0	4	111	27,130	3	0	4	113					
				T3M	25,617	3	0	4	106	27,597	3	0	4	115	27,946	3	0	4	116					
				T4M	25,061	3	0	4	104	26,997	3	0	4	112	27,339	3	0	4	113					
				TFTM	25,602	3	0	4	106	27,580	3	0	4	114	27,929	3	0	4	116					
				T5VS	26,626	5	0	1	110	28,684	5	0	1	119	29,047	5	0	1	121					
				T5S	26,648	4	0	2	111	28,707	5	0	2	119	29,070	5	0	2	121					
				T5M	26,581	5	0	3	110	28,635	5	0	3	119	28,997	5	0	3	120					
				T5W	26,406	5	0	4	110	28,447	5	0	4	118	28,807	5	0	4	120					
				BLC	20,990	2	0	3	87	22,612	2	0	3	94	22,898	2	0	3	95					
				LCCO	15,619	2	0	4	65	16,825	2	0	4	70	17,038	2	0	4	71					
					15,619	2	0	4	65	16,825	2	0	4	70	17,038	2	0	4	71					

FEATURES & SPECIFICATIONS

INTENDED USE
The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

CONSTRUCTION
Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.01 ft^2) for optimized pole wind loading.

FINISH
Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS
Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 3000 K, 4000 K and 5000 K (70 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL
Light engine configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION
Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern (template #8). Optional terminal block and NEMA photocontrol receptacle are also available.

LISTINGS
UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

WARRANTY
5-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

LEGACY PARK PHASE 2
TYPES PL, PLT

HUNTER DESIGN & CONSULTING
735 ARLINGTON AVE N, STE 308
ST PETERSBURG, FL 33701
PH. 352-238-6366
www.hdceng.com

IES ROAD REPORT
PHOTOMETRIC FILENAME : DSX1_LED_P6_50K_T3M_MVOLT.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] ISF 33813P18
[TESTDATE] 3/13/2017
[ISSUEDATE] 11/20/2017
[TESTLAB] SCALED PHOTOMETRY
[TESTMETHOD]
[MANUFAC] Lithonia Lighting
[LUMCAT] DSX1 LED P6 50K T3M MVOLT
[LUMINAIRE] DSX1 LED P6 50K T3M MVOLT
[LAMPCAT]
[LAMP] LED
[BALLAST] LED DRIVER
[BALLASTCAT]
[DISTRIBUTION] TYPE III, MEDIUM, BUG RATING: B3 - U0 - G3
[_TOTALLUMINAIRELUMENS] 18726.3
[_LAMPPOSITION] 0 , 0
[_LAMPWATTAGE] 163
[_PHYSICALDIMENSIONS] 2.5, 1.2, 0.5
[_VLC_ENABLED]
[_VLC_SIGNALING_APERTURE] 0, 0, 0
[_MOUNTING] ARM MOUNT
[_FAMILY] D-Series Area Size 1
[_PRODUCTID] ac5207ed-946f-4790-a3b3-99759db9284d
[_ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[_ABSOLUTELUMENS] 23652
[_CRI] 70
[_INPUT_ELECTRICAL] 119.4 VOLTS, 203.3 WATTS, 1.71 AMPS
[_TEMP0] AMBIENT: 25.7

CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	18726
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	163
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	12869.082
Maximum Candela Angle	70H 70V
Maximum Candela (<90 Degrees Vertical)	12869.082
Maximum Candela Angle (<90 Degrees Vertical)	70H 70V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2381.812 (12.7% Luminaire Lumens)

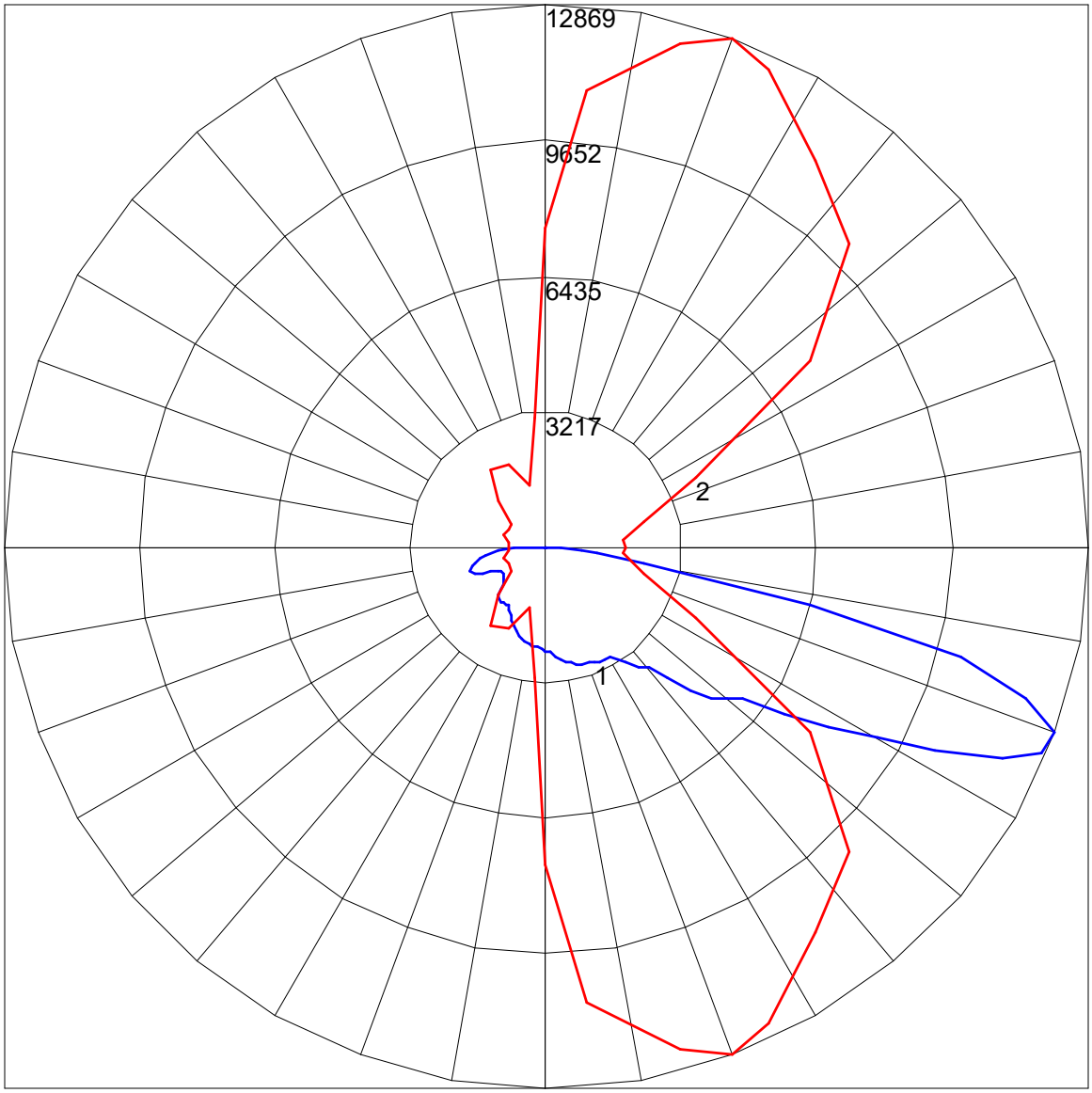
IES ROAD REPORT
PHOTOMETRIC FILENAME : DSX1_LED_P6_50K_T3M_MVOLT.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1204.0	N.A.	6.4
FM - Front-Medium (30-60)	6157.2	N.A.	32.9
FH - Front-High (60-80)	6960.5	N.A.	37.2
FVH - Front-Very High (80-90)	256.2	N.A.	1.4
BL - Back-Low (0-30)	732.0	N.A.	3.9
BM - Back-Medium (30-60)	1576.6	N.A.	8.4
BH - Back-High (60-80)	1584.9	N.A.	8.5
BVH - Back-Very High (80-90)	254.2	N.A.	1.4
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	18725.6	N.A.	100.0
BUG Rating	B3-U0-G3		

IES ROAD REPORT
PHOTOMETRIC FILENAME : DSX1_LED_P6_50K_T3M_MVOLT.IES

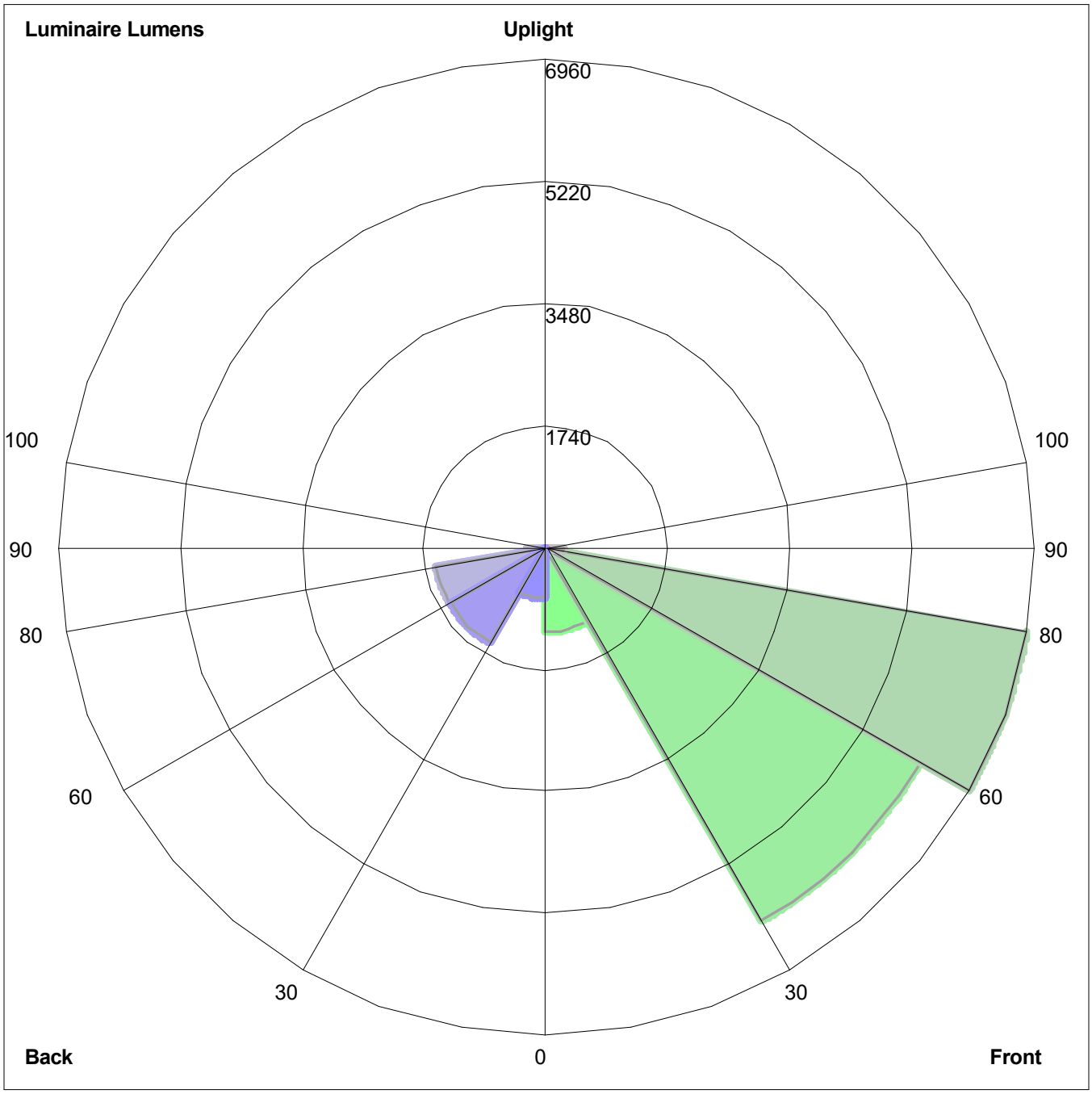
POLAR GRAPH



Maximum Candela = 12869.082 Located At Horizontal Angle = 70, Vertical Angle = 70
1 - Vertical Plane Through Horizontal Angles (70 - 250) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (70) (Through Max. Cd.)

IES ROAD REPORT
PHOTOMETRIC FILENAME : DSX1_LED_P6_50K_T3M_MVOLT.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low= 1204.0, Medium=6157.2, High=6960.5, Very High=256.2
Back: Low=732.0, Medium=1576.6, High=1584.9, Very High=254.2
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3

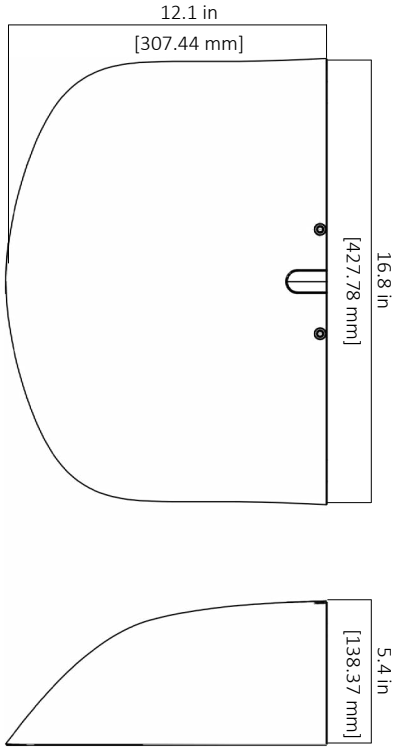
LEGACY PARK PHASE 2
TYPE W

Project
Type
Catalog No.

Eseta™ LED Wall Sconce
ES

Luminaire Data

Weight 9.9 lbs [4.5 kg]
14.6 lbs [6.5kg] with EM, MS options



Ordering Information

Sample Catalog No. ES1 24H MV NW W BK 700 EM

Product	No. & Type of LEDs	Voltage	Color Temperature[1]	Distribution	Finish[2]	Drive Current[3]	Options
ES1	**24H** 48H	**MV** 120-277V **HV** 347-480V	**WW** 3000K **NW** 4000K **CW** 5000K	**W** Wide **FT** Forward Throw	**BK** Black **DB** Dark Bronze **GY** Gray **WH** White	**350** 350mA **530** 530mA **700** 700mA	**PC** Photo Control **MSL2**[4] Motion Sensor, L2 Lens **MSL3**[4] Motion Sensor, L3 Lens **EM**[5] Emergency Battery System **FSIR100** Motion Sensor Configuration Tool

Notes:

1 Consult factory for other color temperatures.

2 Consult factory for non-standard finish options.

3 Factory set drive current, non-field adjustable. 700mA is not available for 48H version. Refer to performance data on page 2. Consult factory for other drive current options.

4 Motion Sensor available with MV only. Motion Sensor default setting dims luminaire to 50% when no motion is detected for 5 minutes. Field adjustable settings available using FSIR100 option.

5 Emergency Battery System available with MV only. 3-year limited warranty on Emergency Battery System.

LEGACY PARK PHASE 2
TYPE W

Eseta™ LED Wall Sconce
ES

Luminaire Specifications

Housing
Die cast aluminum housing with back mounting plate and outdoor rated cable. Back mounting plate includes novel hanging features to allow one-person installation. Knockouts on the top and bottom of the housing allow conduit entry. Electrical components are accessed behind gasketed optical cover.

Light Emitting Diodes
Hi--flux/Hi-power white LEDs are tested in accordance with IES LM--80 testing procedures. Warm White (3000K), Neutral White (4000K) and Cool White (5000K) with minimum 70 CRI are standard. LEDs are 100% mercury and lead free.

Optical Systems
The OMNILens™ system creates a low brightness source to reduce glare with precise Wide or Forward Throw distributions. Lens cover is UV stabilized, vandal-resistant polycarbonate. Luminaire produces 0% total lumens above 90^{o} (BUG Rating, U=0).

Electrical
Power supply features a minimum power factor of .90 and <20% Total Harmonic Distortion (THD). EMC meets or exceeds FCC CFR Part 15. Transient voltage complies with ANSI C62.41 Cat. A. Integral surge protector is tested per ANSI/ IEEE C62.45 procedures based on ANSI/IEEE C62.41.2 definitions for standard and optional waveforms for Location Category C High.

Finish
Housing receives a fade and abrasion resistant epoxy polyester powder coat. Finish tested to withstand 5000 hours in salt spray exposure per ASTMB117. Finish tested 5000 hours in UV exposure per ASTM G154 and meets ASTM D523 gloss retention.

Listings/Ratings/Labels
Luminaires are UL listed for use in wet locations and emergency lighting in the United States and Canada. Ambient operating temperature is -40°C to 40°C with no accessories installed. Entire fixture maintains an IP66 and IK10 rating. DesignLights Consortium™ 3000K, 4000K and 5000K qualified product. Assembled in the United States.

Photometry
Luminaires are photometrically tested by certified independent testing laboratories in accordance with IES LM-79 testing procedures.

Lumen Maintenance

	TM-21 Lumen Maintenance (hours) at 25°C	
Models	**At 50,000**	**At 100,000**
ES1-24H	99%	97%
ES1-48H	97%	93%

Warranty
10-year limited warranty is standard on luminaire and components. 5-year limited warranty on motion sensor and photo control. 3-year limited warranty on Emergency Battery System.

Performance Data
All data nominal, consult factory for IES files or LM-79 reports.

CCT	Two Distributions		Wide Distribution			Forward Throw Distribution		
	No. of LEDs & Type	Drive Current (mA)	System Wattage (W)	Delivered Lumens (Lm)	Efficacy (Lm/W)	System Wattage (W)	Delivered Lumens (Lm)	Efficacy (Lm/W)
3000K	**24H**	350	30	3205	108	28	3146	112
		530	45	4690	103	43	4604	108
		700	56	5641	101	53	5537	104
	48H	530	83	8826	106	81	8751	108
4000K	**24H**	350	29	3301	115	30	3471	117
		530	44	4541	104	43	4548	105
		700	59	5771	99	59	5738	98
	48H	530	82	8707	106	83	8466	102
5000K	**24H**	350	29	3730	130	30	3922	132
		530	44	5131	118	43	5139	119
		700	58	6521	112	56	6260	112
	48H	530	82	9839	120	84	9585	115

LEGACY PARK PHASE 2
TYPE W

HUNTER DESIGN & CONSULTING
735 ARLINGTON AVE N, STE 308
ST PETERSBURG, FL 33701
PH. 352-238-6366
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IES ROAD REPORT
PHOTOMETRIC FILENAME : IES ES1-24H-MV-NW-W-XX-350 082115.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L081501201
[TESTLAB] LIGHT LABORATORY, INC.
[ISSUEDATE] 8/21/2015
[MANUFAC] LEOTEK ELECTRONICS USA LLC
[LUMCAT] ES1-24H-MV-NW-W-XX-350
[LUMINAIRE] LED WALLS SCONCE 12"L X 16.75"W X 5.5"H
[BALLASTCAT] LITEON PA-1650-83SL
[LAMPPOSITION] 0,0
[LAMPCAT] N/A
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_INPUT] 120VAC, 28.71W
[_TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3301
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	28.71
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1384.33
Maximum Candela Angle	80H 60V
Maximum Candela (<90 Degrees Vertical)	1384.33
Maximum Candela Angle (<90 Degrees Vertical)	80H 60V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	417.71 (12.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LEGACY PARK PHASE 2
TYPE W

IES ROAD REPORT
PHOTOMETRIC FILENAME : IES ES1-24H-MV-NW-W-XX-350 082115.IES

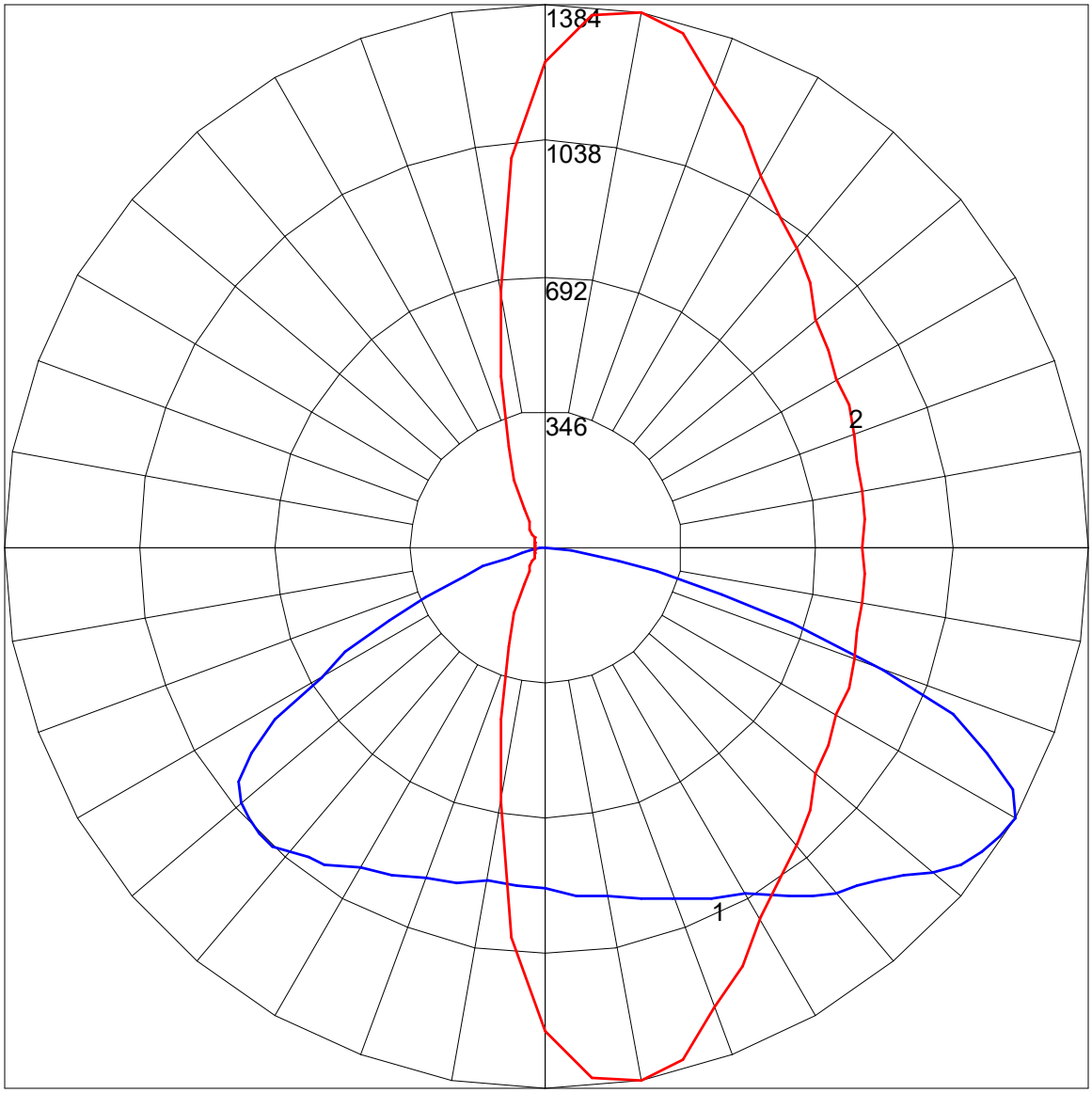
LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	405.4	N.A.	12.3
FM - Front-Medium (30-60)	1201.7	N.A.	36.4
FH - Front-High (60-80)	742.1	N.A.	22.5
FVH - Front-Very High (80-90)	63.7	N.A.	1.9
BL - Back-Low (0-30)	314.8	N.A.	9.5
BM - Back-Medium (30-60)	473.6	N.A.	14.3
BH - Back-High (60-80)	93.3	N.A.	2.8
BVH - Back-Very High (80-90)	5.9	N.A.	0.2
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	3300.5	N.A.	100.0
BUG Rating	B1-U0-G1		

IES ROAD REPORT
PHOTOMETRIC FILENAME : IES ES1-24H-MV-NW-W-XX-350 082115.IES

LEGACY PARK PHASE 2
TYPE W

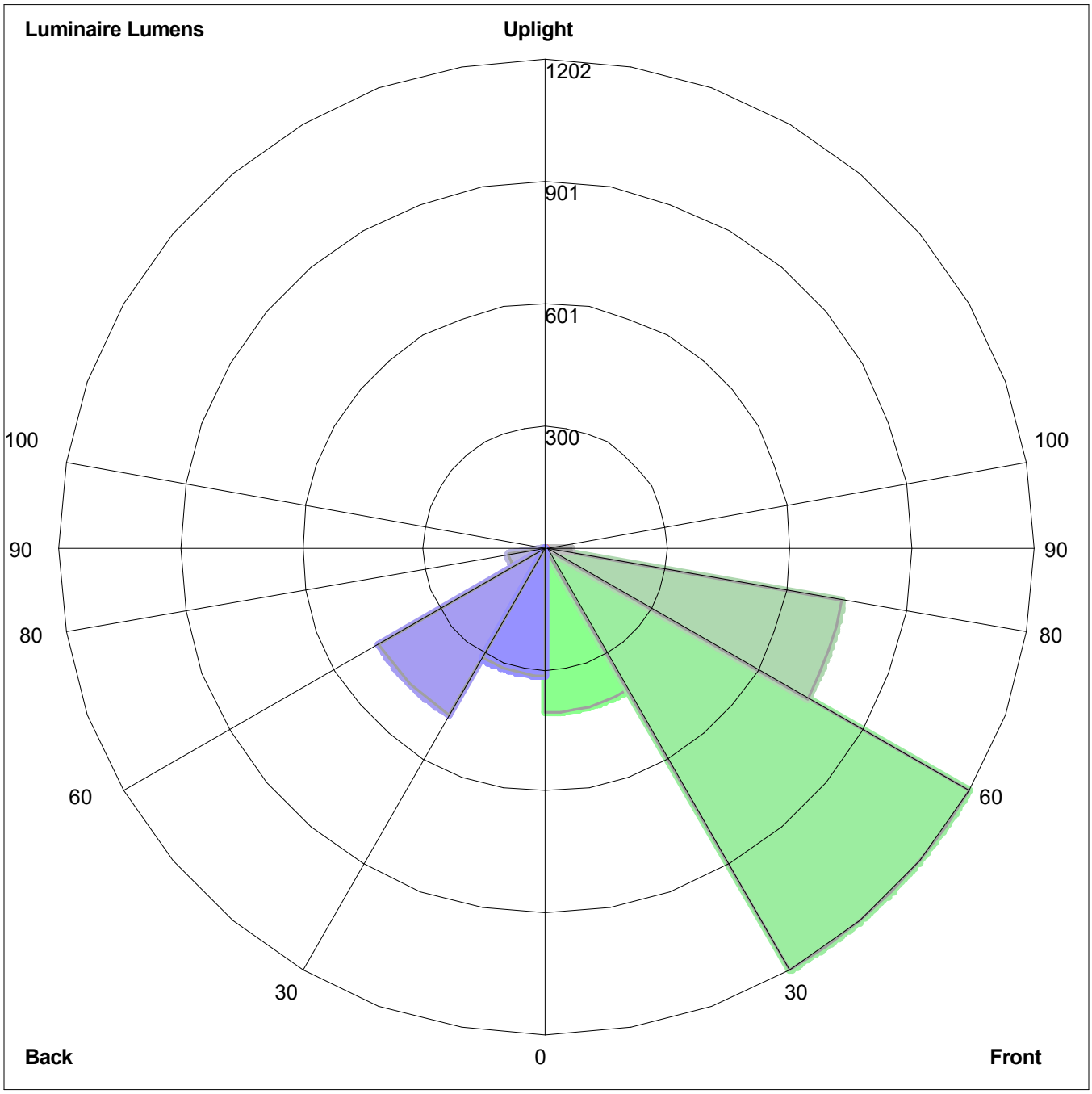
POLAR GRAPH



Maximum Candela = 1384.33 Located At Horizontal Angle = 80, Vertical Angle = 60
1 - Vertical Plane Through Horizontal Angles (80 - 260) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (60) (Through Max. Cd.)

IES ROAD REPORT
PHOTOMETRIC FILENAME : IES ES1-24H-MV-NW-W-XX-350 082115.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=405.4, Medium=1201.7, High=742.1, Very High=63.7
Back: Low=314.8, Medium=473.6, High=93.3, Very High=5.9
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G1

KIRLIN
Since 1895

CATALOG #	TYPE
JOB NAME	VOLTAGE

Surface Vandal 12" Downlight • LED

Up to 90,000 Hour Life
LM-80 Qualified • LM-79 Certified Photometry

LSV-12487-1500L
LSV-12487-1000L
LSV-12487-500L

LEGACY PARK PHASE 2
TYPE C

Specifications

Delivered System Performance*
- Lumen Series: **MUST SPECIFY**
  -1500L: 1500 nominal lumens (20W).
  -1000L: 1000 nominal lumens (11W).
  -500L: 500 nominal lumens (5W).
- Distribution: WFL standard.
- Color temperature: 3500°K standard. Optional: -27K, -30K or -41K.
- CRI: 80+ standard. Optional: -HC (90+).
- 90,000 hour life (L70).
- Fully sustainable: removable for servicing.

Thermal Management System
- All aluminum proprietary heat sink, components and housing maximize cool operation and long life while minimizing maintenance.

Thermal Management System
- All aluminum proprietary heat sink, components and housing maximize cool operation and long life while minimizing maintenance.

LED Power Supply - INTERNAL
- Suitable for outdoor / indoor use: -30°C (-22°F) to 60°C (140°F).
- 120-277V / 50-60Hz standard. Load insensitive.
- **0-10V CCR dimming standard. (100-10%)**

Trim Assembly
- Vandal resistant white flat seamless aluminum, one piece self-flanged trim.
- Flush center pin tamperproof hex screws and captive nuts secure trim to housing.
- High strength prismatic acrylic above 1/8" clear flat polycarbonate.
- Tamperproof tool included.

Aluminum Housing
- Seamless white acrylic enameled. Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- No visible cylinder hardware.
- Cool operation: Extends life of all components.
- Fully sustainable: Entire luminaire, including LED light engine, is modular, easily visible and serviced through aperture.
- Lightweight: minimizes ceiling load.

Installation
- Center point mounting for snug fit to ceiling. Mounting hardware furnished.
- Indoor or outdoor for covered ceiling use (see Option -89).

UL, C-UL (Canada) Listings
- Wet, damp or dry locations, covered ceilings. (See Option -89)

CE & FCC Compliance
- Meets IEC/EN 60601-1-2 electromagnetic compatibility standard for medical electrical equipment.
- FCC Part 15 certified for EMI/RFI emissions.

5 Year **FIVE YEAR Limited Warranty**
- Complete standard fixture.

MUST SPECIFY		OPTIONAL	
Product Number	**Voltage**	**Options**	
LSV-12487-1500L **LSV-12487-1000L** **LSV-12487-500L**	**-120** (120 volts) **-277** (277 volts) **-97** (Specify other)	See "Options" below	**Ordering Example:** **LSV-12487-1500L-120**-30K-94

Options

Input Power: SPECIFY
-120 120V (50-60Hz) input.
-277 277V (50-60Hz) input.
-97 Specify other voltage. Consult factory.

LED Power Supply
-29 **Two wire** full range (100-1%) PWM dimming instead (Lutron). 120V only. Not available with Option -EI.
-39 **Three wire** full range (100-1%) PWM dimming instead (Lutron).
-D1 0-10V 1.0% dimming instead.
-D2 0-10V 0.1% dimming instead.
-D3 DALI 1.0% dimming instead.
-D4 DALI 0.1% dimming instead.
-ERH REMOTE emergency battery pack. Delivers 1000 lumens. Run time: 90+ minutes. CEC Compliant.

Color (CCT and CRI)
-27K Color temperature 2700°K instead.
-30K Color temperature 3000°K instead.
-41K Color temperature 4100°K instead.
-HC 90+ CRI instead. 2700° or 3000°K only.

Lens and Trim
-23 Frosted microprismatic lens instead.
-46 Gasket between trim and lens.
-CF Custom color filter (Rosco). Specify.

Luminaire (Housing) Finishes
-35 Silver (natural aluminum) acrylic enamel.
-37 Dark Bronze acrylic enamel.
-38 Black acrylic enamel.
-94 Custom color/finish. Specify. Consult factory.
-WA White acrylic (flat) diffuser instead.

Mounting
-80 2" collar for mounting beneath surface outlet box. 1/2" T.S. KO's. Must add Option -89 for wet label listing.
-89 Sealed top WeatherCap. Must add to Option -80 for wet label listing.

Other
-99 Special modification. Consult factory.
-FS Single in-line fuse. Not for use with Option -EI.

KIRLIN
Lighting Since 1895
The Kirlin Company
3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • Fax: (313) 259-3121 • www.kirlinlighting.com

LATITUDES LED LIGHTING

*See note next page

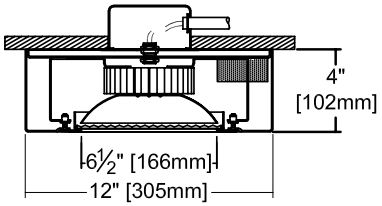
LSV-12487-1500L

PERFORMANCE

LEGACY PARK PHASE 2
TYPE C

KIRLIN
Since 1895

Dimensions



Detailed Photometry - Installed Fixture

Photometric testing done in accordance with IESNA LM-79-08

Photometry from I.T.L., Boulder, CO

-1500L STANDARD (WFL)

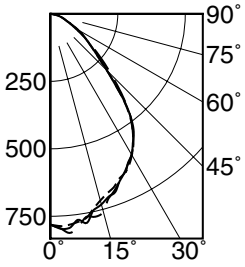
Lumens: 1429
Beam: ~58°
SC: 1.2
LPW: 68
Efficiency: 70.7%
ITL Test: 87225

EEE

Total System Watts 20.9

Cone of Light▲

Dist.	FC	Dia.
6	21.7	6.9
8	12.2	9.2
10	7.8	11.5
12	5.4	13.9
14	4.0	16.2
16	3.1	18.5



CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	781	781	781	781	781
5	785	802	815	806	797
15	716	727	761	726	731
25	651	646	656	654	649
35	533	535	533	538	539
45	296	305	321	304	298
55	160	164	160	163	160
65	77	83	76	83	76
75	37	36	39	37	37
85	7	7	7	7	7
90	0	0	0	0	0

LUMEN SERIES	LUMEN FACTOR	WATTAGE FACTOR	LPW FACTOR
-1000L	0.579	0.495	1.17
-500L	0.306	0.245	1.28

LM-80 Qualified • LM-79 Certified Photometry

* LED manufacturers maintain a tolerance of ±7% on flux (lumens) and power (electrical) measurements. Kirlin photometrics are actual test data from Independent Testing Laboratories (ITL) where photometry was measured from 2022 (-1500L) lumen light engines (within the established tolerance).

▲Cone of Light Key
(Dia. (in ft.) shown is where FC value is half the FC at nadir.)

Ft. Distance from fixture
FC Footcandles at nadir (0°)
Dia. Circle of light at 50% of FC

SUBMITTAL DATA

JOB NAME

TYPE

VOLTAGE

CATALOG NUMBER

APPROVAL STAMP

ARRA QUALIFIED

LEGACY PARK PHASE 2
TYPE C

HUNTER DESIGN & CONSULTING
735 ARLINGTON AVE N, STE 308
ST PETERSBURG, FL 33701
PH. 352-238-6366
www.hdceng.com

IES ROAD REPORT
PHOTOMETRIC FILENAME : LSV-12487-1500L.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]ITL87225-GONIOPHOTOMETRY
[TESTLAB]INDEPENDENT TESTING LABORATORIES, INC.
[ISSUEDATE]05/16/16
[MANUFAC]THE KIRLIN COMPANY
[LUMCAT]LSV-12287-1500L-WFL
[LUMINAIRE]FABRICATED WHITE PAINTED METAL HOUSING, FABRICATED METAL HEAT
[MORE]SINK MOUNTING BRACKET, EXTRUDED FINNED METAL HEAT SINK, 1 WHITE
[MORE]CIRCUIT BOARD WITH 4 LEDS, SPUN SPECULAR METAL REFLECTOR AROUND
[MORE]LEDS. FABRICATED WHITE PAINTED METAL TRIM WITH CLEAR PRISMATIC
[MORE]FLAT PLASTIC UPPER LENS AND CLEAR FLAT PLASTIC LOWER LENS. UPPER
[MORE]LENS PRISMS DOWN.
[LAMP]FOUR WHITE LIGHT EMITTING DIODES (LEDS) EACH WITH CLEAR
[MORE]HEMISPHERICAL INTEGRAL LENS, VERTICAL BASE-UP POSITION.
[OTHER]INPUT ELECTRICAL: 120.0 VOLTS, 20.9 WATTS, 0.177 AMPS
[_MOUNTING]SURFACE
[_LEDDRIVER]THOMAS RESEARCH PRODUCTS LED25W-18-C1400-D, DRIVER HAS
[MORE]MULTIPLE LEADS, ONLY LINE INPUT AND LED OUTPUT LEADS CONNECTED FOR
[MORE]THIS TEST.
[_NOTE]DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT
[MORE]VOLTAGE (120VAC, 60Hz) TO THE DRIVER.
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[OTHER]TEST DISTANCE = 20.0 FEET
[_ABSOLUTELUMENS]1429

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	1429 (1 lamp)
Total Lamp Lumens	1429
Luminaire Lumens	1429
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	68
Total Luminaire Watts	20.9
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	815
Maximum Candela Angle	45H 5V
Maximum Candela (<90 Degrees Vertical)	815
Maximum Candela Angle (<90 Degrees Vertical)	45H 5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	20 (1.4% Lamp Lumens)
Cutoff Classification (deprecated)	Full Cutoff

IES ROAD REPORT
PHOTOMETRIC FILENAME : LSV-12487-1500L.IES

LEGACY PARK PHASE 2
TYPE C

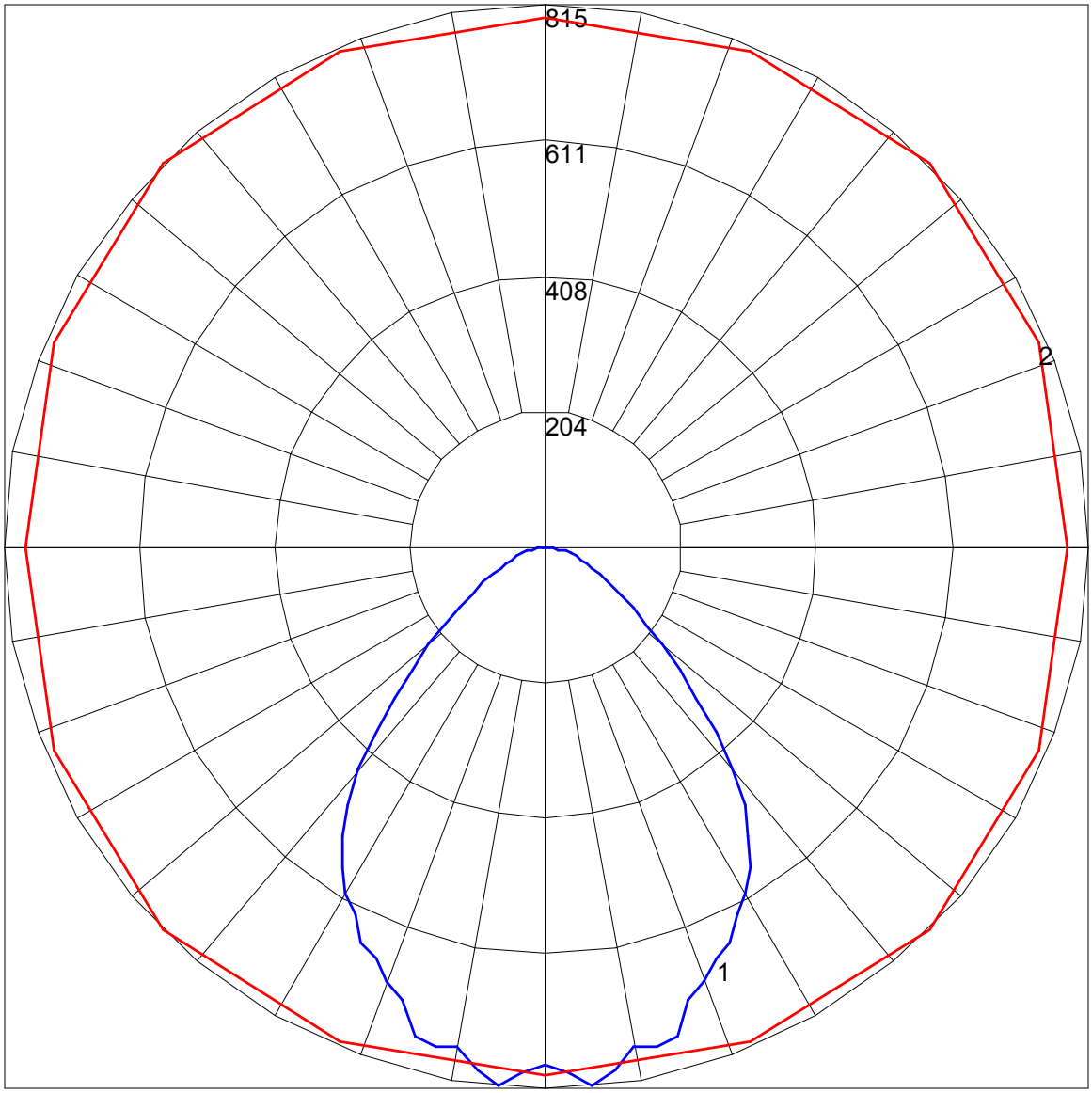
LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	291.0	20.4	20.4
FM - Front-Medium (30-60)	358.8	25.1	25.1
FH - Front-High (60-80)	60.2	4.2	4.2
FVH - Front-Very High (80-90)	4.5	0.3	0.3
BL - Back-Low (0-30)	291.0	20.4	20.4
BM - Back-Medium (30-60)	358.8	25.1	25.1
BH - Back-High (60-80)	60.2	4.2	4.2
BVH - Back-Very High (80-90)	4.5	0.3	0.3
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	1429.0	100.0	100.0
BUG Rating	B1-U0-G0		

IES ROAD REPORT
PHOTOMETRIC FILENAME : LSV-12487-1500L.IES

LEGACY PARK PHASE 2
TYPE C

POLAR GRAPH

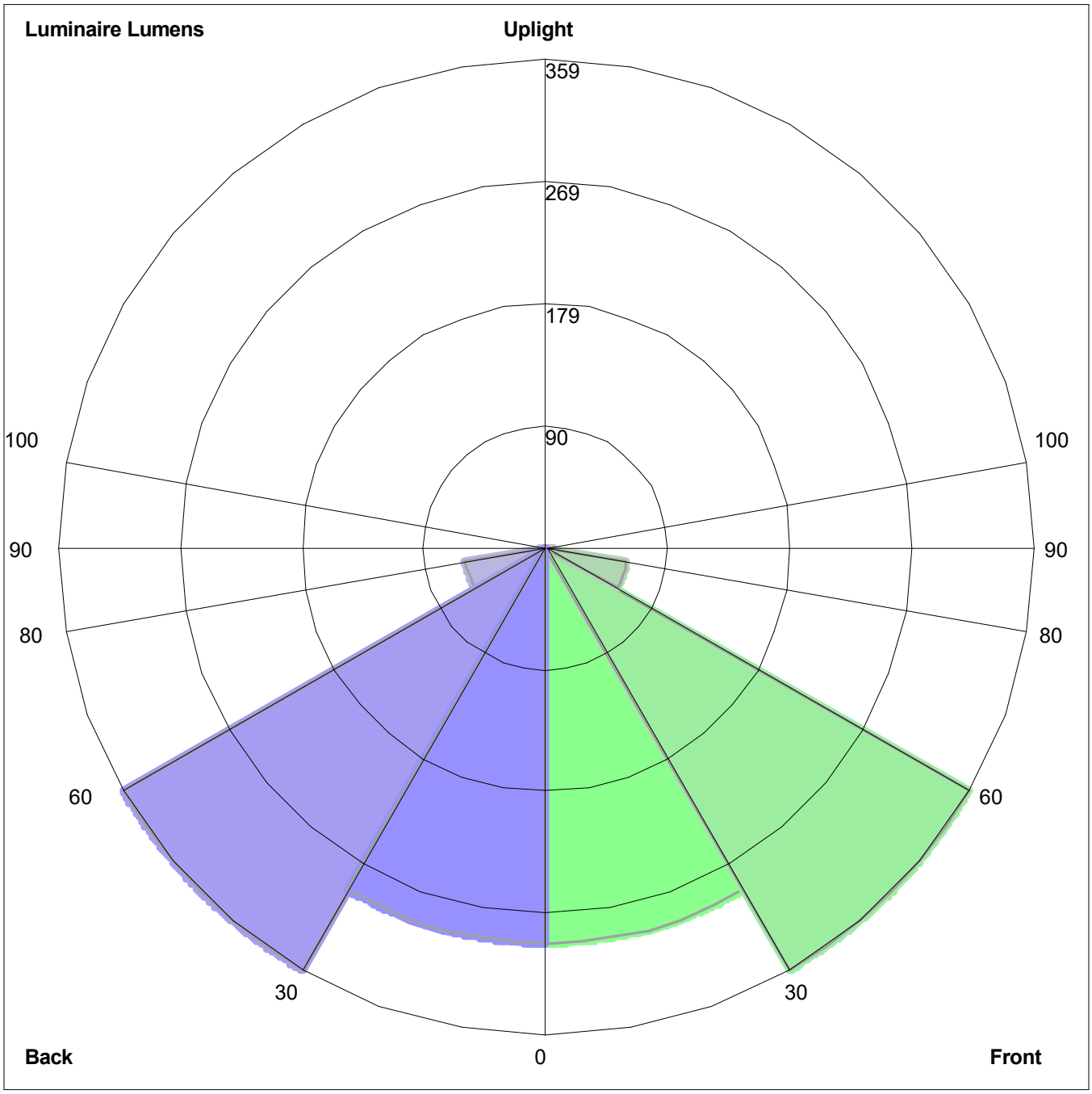


Maximum Candela = 815 Located At Horizontal Angle = 45, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

IES ROAD REPORT
PHOTOMETRIC FILENAME : LSV-12487-1500L.IES

LEGACY PARK PHASE 2
TYPE C

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=291.0, Medium=358.8, High=60.2, Very High=4.5
Back: Low=291.0, Medium=358.8, High=60.2, Very High=4.5
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G0