



CITY OF PATASKALA BOARD OF ZONING APPEALS

City Hall, Council Chambers
621 West Broad Street
Pataskala, Ohio 43062

STAFF REPORT

December 12, 2023

Variance Application VA-23-027

Applicant:	Branham Sign Company, Inc.
Owner:	Pataskala Public Library
Location:	101 South Vine Street, Pataskala, OH 43062 (PID: 064-307698-02.001)
Acreage:	+/- 3.119-acres
Zoning:	R-7 – Village Single Family Residential
Request:	Requesting approval of three (3) Variances from Section 1295.09(b)(1)(D) of the Pataskala Code to allow for a public cultural institution to have more than one (1) sign, and to allow said sign to exceed the maximum size of 24-square feet in a Residential Zone, and a Variance from Section 1295.10(b) to allow for an illuminated sign within a residential zoning district.

Description of the Request:

Requesting approval of two (2) Variances from Section 1295.09(b)(1)(D) of the Pataskala Code to allow for a public cultural institution within a residential zoning district to have more than one (1) sign, and for said sign to exceed the maximum size of 24-square feet.

Staff Summary:

The 3.119-acre property located at 101 Vine Street is currently occupied by a 8,768-square foot single-story building that houses the Pataskala Public Library. On January 4, 2023, the Planning and Zoning Commission approved a Transportation Corridor Overlay District Application to allow the expansion of the existing library, adding an additional 6,493-square feet of structure, a new parking lot at the west end of the building, other site improvements, and the extension of an access drive from Vine Street to the west within an adjacent parcel. These renovations and improvements are currently under construction.

As part of the renovation, the Pataskala Public Library has proposed additional signage to be located at the entrance from the new west side parking lot. The proposed sign will have an area of 69.33-square feet and will be externally illuminated by ground mounted lights. There is an existing ground sign at the Vine Street frontage (east face of the building) that is 11.06-square feet in area. Because the parcel is within a residential zoning district, more restrictive sign codes apply, specifically Section 1295.09(b)(1)(D) which states that only one (1) sign, not exceeding 24-square feet in area, may be erected in any residential zoning district for places of worship, libraries, museums, or social clubs and/or societies.

Additionally, Section 1295.10(b) of the Pataskala Code states that illuminated signs are only permitted in the Business Sign District (areas zoned DB, LB, GB, PRO, M-1, or PM). As this sign will be located within a residential zoning district, a Variance is required.

According to the Narrative Statement as submitted by the Applicant, they believe the Variance(s) are necessary because the library currently only has one small sign, but because the property is zoned residential, they are greatly limited on options for additional or larger signage. Further stated, the Applicant believes that a larger sign would help people identify the library, and that an illuminated sign would allow for easier identification during dark hours. They believe the illumination would not cause any nuisance glare for neighboring properties.

Staff Review: *The following review does not constitute recommendations but merely conclusions and suggestions from staff.*

As mentioned above, because the library property is within a residential zoning district (R-7), they are subject to Section 1295.09(b)(1)(D) which limits the amount of signs to one (1), and the size to 24-square feet. Additionally, Section 1296.10(b) of the Pataskala Code states that illuminated signs are only permitted within the Business Sign District. The Applicant has proposed a second sign, at 69.33-square feet, which is externally illuminated; therefore, the Variance requests are:

1. Variance from Section 1295.09(b)(1)(D) to allow for a Public Cultural Institution within a residential zoning district to have two (2) signs. Increase of one (1) over the maximum of one (1), or a 100% increase.
2. Variance from Section 1295.09(b)(1)(D) to allow for a Public Cultural Institution with a residential zoning district to have a sign exceeding 24-square feet. Proposed at 69.33-square feet, request is for an increase of 45.33-square feet, or a 188.875% increase.
3. Variance from Section 1295.10(b) to allow for an externally illuminated sign within a residential zoning district.

Staff has reviewed the proposed signage and determined that it is in compliance with the other aspects of Pataskala Code.

Other Departments or Agencies

No other comments from applicable Departments or Agencies were received.

Surrounding Area:

Direction	Zoning	Land Use
North	R-15 – Medium-High Density Residential	Single-Family Home
East	R-7 – Village-Single Family Residential	Single-Family Home
South	R-7 – Village-Single Family Residential	Single-Family Home Vacant
West	R-7 – Village-Single Family Residential	Single-Family Home

Variance Requirements:

According to Section 1211.07(1) of the Pataskala Code, the Board of Zoning appeals shall consider the following factors when determining if an area variance is warranted:

- a) *Whether the property in question will yield a reasonable return or if there can be a beneficial use of the property;*
- b) *Whether there are unique physical circumstances or conditions that prohibit the property being developed in strict conformity with the zoning regulation such that a variance is necessary to enable the reasonable use of the property;*
- c) *Whether the variance requested is substantial;*
- d) *Whether the essential character of the neighborhood would be substantially altered or the adjoining properties would suffer a substantial detriment as a result of the variance;*
- e) *Whether the variance, if granted, will substantially or permanently impair the appropriate use or development of adjacent property;*
- f) *Whether the variance, if granted, will be detrimental to the public welfare;*
- g) *Whether the variance, if granted, would adversely affect the delivery of government services;*
- h) *Whether the property owner purchased the subject property with knowledge of the zoning restriction;*
- i) *Whether the property owner's predicament can be obviated through some other method than variance;*
- j) *Whether the variance, if granted, will represent the minimum variance that will afford relief and represent the least modification possible of the requirement at issue; and,*
- k) *Whether the spirit and intent behind the zoning requirement would be observed and substantial justice done by granting the variance.*

Furthermore, Section 1211.07(2) allows other factors to be considered, including comments from City staff, when determining if an area variance is warranted. The following factors from Section 1211.07(2) are applicable to Variance Application VA-23-027:

- 1211.07(2)(g): To increase the maximum allowable height or area of signs on a lot (it is suggested that the same should not be increased more than 25%).

Department and Agency Review

- Zoning Inspector – No comments.
- Public Service – No comments.
- City Engineer – No comments.
- Pataskala Utilities– No comments.
- Police Department – No comments.
- West Licking Joint Fire District – No comments.
- Southwest Licking School District – No comments.

Conditions:

Should the Board choose to approve the applicant's request, the following conditions may be considered:

1. Applicant shall obtain all necessary permits from the City of Pataskala and the Licking County Building Code Department within one (1) year of the date of approval.

Resolution:

For your convenience, the following resolution may be considered by the Board of Zoning Appeals when making a motion:

"I move to approve the three Variances from the Pataskala Code for variance application VA-23-027 ("with the following conditions" if conditions are to be placed on the approval)."



CITY OF PATASKALA BOARD OF ZONING APPEALS

City Hall, Council Chambers
621 West Broad Street
Pataskala, Ohio 43062

VARIANCE APPLICATION

(Pataskala Codified Ordinances Chapter 1211)

Property Information	
Address: 101 South Vine Street	
Parcel Number: 064-307698-02.001	
Zoning: R-7	Acres: 3.119
Water Supply: <input checked="" type="checkbox"/> City of Pataskala <input type="checkbox"/> South West Licking <input type="checkbox"/> On Site	
Wastewater Treatment: <input checked="" type="checkbox"/> City of Pataskala <input type="checkbox"/> South West Licking <input type="checkbox"/> On Site	

Staff Use
Application Number: VA-23-27
Fee: 300
Filing Date: 11-17-23
Hearing Date: 12-12-23
Receipt Number: 001410

Applicant Information		
Name: Branham Sign Company, Inc.		
Address: 127 Cypress Street SW		
City: Reynoldsburg	State: OH	Zip: 43068
Phone: 740-964-9550	Email: sbutsko@branhamsign.com	

Owner Information		
Name: Pataskala Public Library		
Address: 101 South Vine Street		
City: Pataskala	State: OH	Zip: 43062
Phone: 740-334-0154	Email: jrothweiler@pataskalalibrary.org	

Documents
<input checked="" type="checkbox"/> Application
<input checked="" type="checkbox"/> Fee
<input checked="" type="checkbox"/> Narrative
<input checked="" type="checkbox"/> Site Plan
<input checked="" type="checkbox"/> Deed
<input checked="" type="checkbox"/> Address List
<input checked="" type="checkbox"/> Area Map

Variance Information
Request (Include Section of Code): Request a larger than allowed wall sign (proposed at 69.33 sq. ft.), as well as external illumination for the wall sign and the monument sign (no illumination allowed per code. See attached portions of code for reference.
Describe the Project: Fabricate and install a new wall sign and letters for a brick base on ground for Pataskala Library. See attached prints for details.

Documents to Submit

Variance Application: Submit 1 copy of the variance application.

Narrative Statement: Submit 1 copy of a narrative statement explaining the following:

- The reason the variance is necessary
- The specific reasons why the variance is justified as it pertains to Section 1211.07 of the Pataskala Code:
 - a) *Whether the property in question will yield a reasonable return or if there can be a beneficial use of the property without the variance;*
 - b) *Whether there are unique physical circumstances or conditions that prohibit the property from being developed in strict conformity with the zoning regulation such that a variance is necessary to enable the reasonable use of the property;*
 - c) *Whether the variance requested is substantial;*
 - d) *Whether the essential character of the neighborhood would be substantially altered or adjoining properties would suffer a substantial detriment as a result of the variance;*
 - e) *Whether the variance, if granted, will substantially or permanently impair the appropriate use or development of adjacent property;*
 - f) *Whether the variance, if granted, will be detrimental to the public welfare;*
 - g) *Whether the variance, if granted, would adversely affect the delivery of governmental services;*
 - h) *Whether the property owner purchased the subject property with knowledge of the zoning restriction;*
 - i) *Whether the property owner's predicament can be obviated through some other method than variance;*
 - j) *Whether the variance, if granted, will represent the minimum variance that will afford relief and represent the least modification possible of the requirement at issue; and,*
 - k) *Whether the spirit and intent behind the zoning requirement would be observed and substantial justice done by granting the variance.*

Site Plan: Submit 1 copy of a site plan to scale of the subject property indicating the following:

- All property lines and dimensions
- All existing and proposed buildings and structures.
- Setbacks from property lines for all existing and proposed buildings, structures and additions
- Easements and rights-of-way
- Driveways
- Floodplain areas
- Location of existing wells and septic/aerator systems.
- Any other information deemed necessary for the variance request

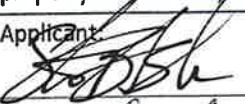
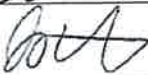
Deed: Provide a copy of the deed for the property with any deed restrictions. Deeds can be obtained at www.lcounty.com/rec.

Address List: Submit 1 copy of a list of all property owners and addresses of those owning property within 200 feet or two parcels from any point on the subject property line, whichever creates more property owners. This list must be in accordance with the Licking County Auditor's current tax list and must be submitted on mailing labels.

Area Map: Submit 1 copy of an area map from the Licking County Engineer's office showing the area encompassed by the address list. Area maps can be obtained at www.lcounty.com/taxparcelviewer/default.

Signatures

I certify the facts, statements and information provided on and attached to this application are true and correct to the best of my knowledge. Also, I authorize City of Pataskala staff to conduct site visits and photograph the property as necessary as it pertains to this variance request.

Applicant:  STEVEN BUSOLO PERMIT EXPEDITER	Date: 11/17/23
Owner:  Jeff Rothweiler, Director	Date: 11/16/2023

To Whom It May Concern,

We would like to request a variance for the following signage:

The Pataskala Library has been a staple in the city for many years. It has served its citizens, just as its citizens have served it. During the process, the library has had only one sign, which sits on a small brick base on the east side of the property. The library would like to put up a wall sign, but is requesting a variance for a larger sign that what is allowed by code. The city of Pataskala has the property zoned as a residential property, which greatly limits the signage allowed for its commercial purpose. Pataskala code only allows a wall sign of ten square feet, but we would like to propose a sign at 69.33 square feet. This sign would sit on the west elevation of the building and be located next to the entrance. The larger sign would allow for easier identification of the building for those who pull into the property when travelling southbound on Vine Street.

The library would also like to request a variance for external illumination on both the monument sign and the wall sign. Pataskala code does not allow any type of illumination for the signage as the property is zoned residential. The library believes the illumination of both signs will allow for easier identification of the property, especially in the winter with the earlier sunsets, but also deter people from being up close to the building in the dark hours where their presence could be interpreted as something different. The proposed lighting is attached in the packet, and would not cause for any sort of glare to the roadway or be cause for any sort of glare of direct shine into the surrounding neighborhood homes, but still allow for the signs to be properly illuminated and visible under the night sky.

Thank you for the opportunity to hear our case.

A handwritten signature in black ink, appearing to read 'Stephen Butsko', with a long horizontal line extending to the right.

Stephen Butsko

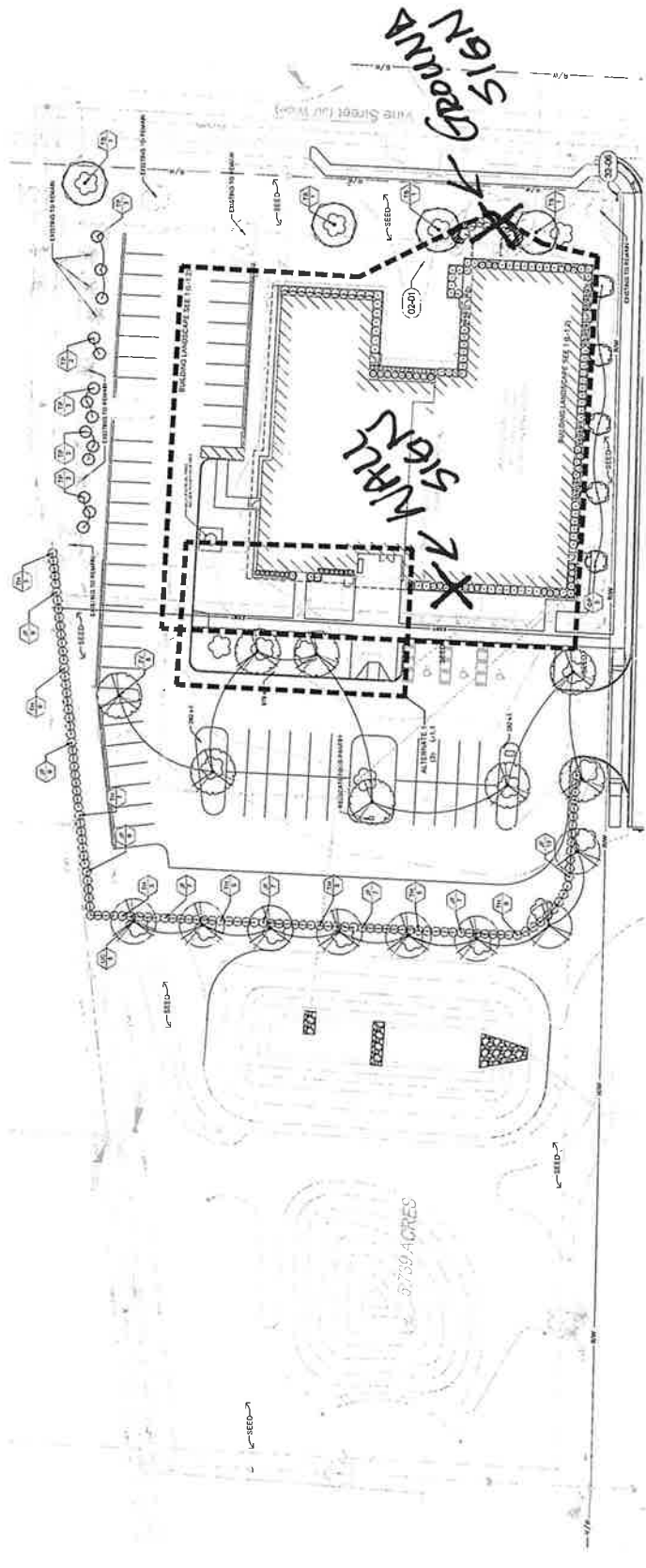
Branham Sign Company

Pataskala Public Library

CCD#08 – Electrical Narrative

1. E-002 – ELECTRICAL SITE PLAN NEW WORK
 - a. Add two (2) type G1 flood lights for building mounted signage. Extend circuit from dedicated sign circuit in adjacent storage room 118.

Landscape architect will revise planting bed to encapsulate the ground mounted sign lighting coordinate in field.

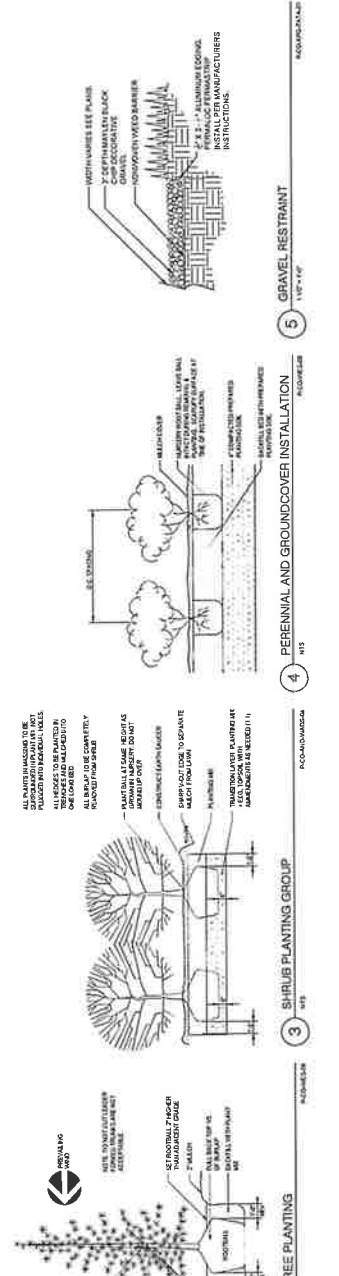
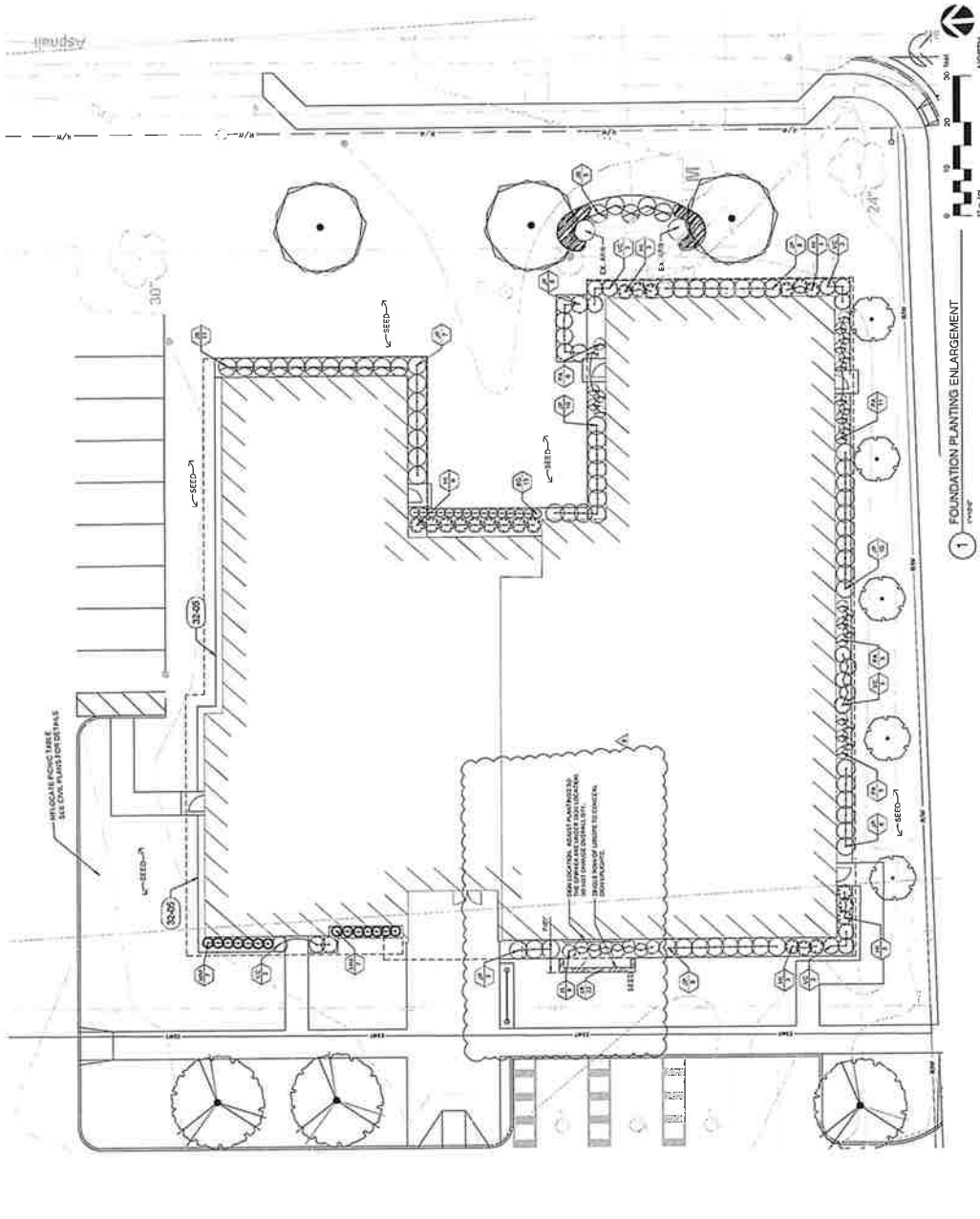


1 SITE LANDSCAPE PLAN
RESURGE SCREEN ALTERNATE SEE (L-1.1)

PLANT SCHEDULE SITE

NO.	QTY	SYMBOL	PLANT NAME	SIZE	NOTES
1	1	100	100' Diameter Tree	100'	See Notes
2	1	100	100' Diameter Tree	100'	See Notes
3	1	100	100' Diameter Tree	100'	See Notes
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98	1	100	100' Diameter Tree	100'	See Notes
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100	1	100	100' Diameter Tree	100'	See Notes

PLANT	QTY	COMMON / REGIONAL NAME	CONT.
1	1	Redwood American Ash / 2 1/2" diameter, 10' high	10.0
2	1	Redwood Black Cedar / 2 1/2" diameter	10.0
3	1	American Elm / 2 1/2" diameter	10.0
4	1	Redwood Yellow Birch / 2 1/2" diameter	10.0
5	1	Redwood Yellow Birch / 2 1/2" diameter	10.0
6	1	Redwood Yellow Birch / 2 1/2" diameter	10.0
7	1	Redwood Yellow Birch / 2 1/2" diameter	10.0
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25	1	Redwood Yellow Birch / 2 1/2" diameter	10.0
26	1	Redwood Yellow Birch / 2 1/2" diameter	10.0
27	1	Redwood Yellow Birch / 2 1/2" diameter	10.0



GENERAL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
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GENERAL PLANTING NOTES:

1. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS NURSERY AND LANDSCAPE ASSOCIATION (TNLA) PRACTICE MANUAL.
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ZONING NOTES:

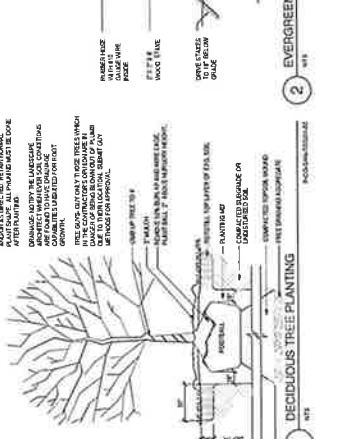
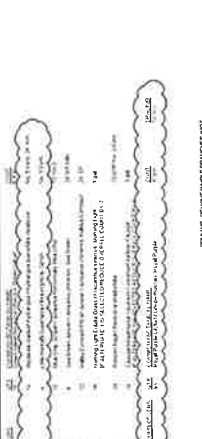
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REFERENCE NOTES SCHEDULE FOUNDATION

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PLANT SCHEDULE FOUNDATION

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- (d) Model Home Signs: Such signs shall require a permit (and not be exempt from permit as a residential for sale/for lease sign). Such signs shall be limited to eight (8) square feet in size and may not be internally illuminated. Model Home Sign permits are valid for a period not exceeding two (2) years, renewable upon filing a subsequent completed application, re-inspection by the Zoning Inspector, and payment of the appropriate fee. At such time as the model home is converted to a residence or otherwise no longer used to market new home sales, the sign shall be removed. (Ord. 2012-4067. Passed 10-1-12.)

1295.09 GENERAL SIGN STANDARDS.

(a) Banners Over the Public Right-Of-Way. Banners shall not be permitted to extend over the public right-of-way, except for those installed on special brackets for special community events or promotions, as approved by the City Administrator. Banners must be at a height to not interfere with vehicular or pedestrian traffic, and must not obscure traffic control devices. See also requirements for temporary signs and whether separate temporary sign permits are required.

(b) Permanent Signs. Within any zoning district, unless otherwise specified, the following permanent signs may be erected, provided however, that this subsection shall not serve to expand the number or area of signs otherwise allowed, and pursuant to the following.

- (1) Areas of special character. The process for Planning and zoning Commission Design Review is in Section 1295.14.

A. Non -Commercially Zoned Districts with Commercial Signs.

Unless otherwise specified, the following permanent sign provisions shall apply to non-residential uses in non-commercial zoning districts (i.e. R-residential, or AG-agricultural) whether by existing non-conformity or permitted non-residential use (See also Historic Old Village Center special regulations)

1. The total number of signs requiring permits on a single lot shall not exceed one (1) which may be free-standing, excepting sign master-planned development.
2. The total cumulative area of all signs requiring permits on such lot shall not exceed twenty-four (24) square feet, excepting wall signs for multiple tenants/units.
3. One wall or projecting sign, not to exceed ten (10) square feet per sign, shall be permitted for each separate business unit in the development or building.
4. One (1) on-premise sign, either free-standing or attached, in connection with any residentially used building in any district also zoned or used for permitted professional offices or home occupations, (see below for additional requirements for Historic Old Village Center) not exceeding two (2) square feet total area if located less than 15 feet from the public right of way, or six (6) square feet total area if located 15 feet or more feet from the public right-of-way. Such signs shall be limited to name, street address and/or vocation. Illumination shall not produce a direct glare beyond the limits of the property line and shall be mounted on the sign and directed downward.

1295.10 ILLUMINATED SIGNS.

(a) Purpose. The purpose of this section is to permit the installation and operation of illuminated signs within the City, to provide information to the general public in a legible format, to aid in the effective advertising of businesses, and to prevent the opportunity for nuisance effects in areas of land use transitions from business to residential or institutional.

(b) General Provisions. Illuminated signs shall be permitted only in the Business Sign District (i.e. areas zoned DB, LB, GB, PRO, M-l or PM), subject to any additional provisions of designated Areas of Special Character or Overlay Districts.

- (1) Cabinet Signs: Internally illuminated cabinet signs of translucent materials in which the entire sign face glows are not permitted. When cabinet signs are proposed, the permitted forms of illumination are as follows: the background field is required to be opaque so that only the lettering appears illuminated (e.g., routed or push-through lettering/graphics).
- (2) Permitted forms of illumination include indirect spot lights showing onto the sign face, such as "goose neck" lamps or ground mounted spot lights, LED or neon back-lighted signs with opaque, reverse channel letters, neon back-lighted signs with dimensional translucent letters, and signs with illuminated open-face, channel letters.
- (3) Exposed neon/LED tube-script, or outlines of building or sign features are permitted if approved by the Planning and Zoning Commission. Illuminated signs shall conform to all other applicable provisions of the City sign regulations with respect to design, placement, presentation and other regulated features.
- (4) Only one internally illuminated sign shall be permitted per physically separate business unit within a common building, excluding an additional development directory board sign if approved as part of a master sign plan.
- (5) One monument style internally-illuminated sign per establishment of free standing businesses shall be permitted per lot, not exceeding 32 square feet per face on a double-faced sign and a maximum height of 10 feet above the centerline grade of the road. Establishments that are part of a larger retail or commerce center shall conform to the master sign plan for the development.
- (6) No internally illuminated sign may be erected within one hundred (100) feet of any residential zone (R-residential and AG zones) within the City. This does not apply to planned or intentionally mixed use developments in which residential units are located on upper floors over commercial establishments.
- (7) Changeable copy signs.
 - A. General Standards.
 1. Changeable copy signs may be installed only on wall or monument style signs and must be completely framed by the wall or monument structure and colors must coordinate with the overall sign design.
 2. Changeable copy signs are not permitted to be placed upon nonconforming pole signs.
 3. The changeable copy sign face is limited to 30% of the sign face, or 24 square feet, whichever is less.

Pataskala Library S/F Wall Sign - Option C

Qty: 1 Set

210" Wall



Scale:
1/2" = 1' 0"

- ALL LETTERS & RULE LINES NON-ILLUMINATED
- 1"-deep PVC Letters & Rule Lines
- Painted Satin White
- Stud-mounted to Wall

NOTE

STRUCTURE HAS BEEN DESIGNED TO WITHSTAND 115 MPH AS THE ULTIMATE WIND SPEED, AND 90 MPH AS THE DESIGNED WIND SPEED, ACCORDING TO 2017 IBC TABLE 1609.6.2.1(2) WITH 30' MAX. OVERALL HEIGHT. SIGN HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2017 IBC.

NOTE: "League Spartan Bold" Font isn't a Perfect Match. Please Verify that this Font Selection is Acceptable.



127 Cypress Street SW
Reynoldsburg, OH 43068
O: 740.964.9550
F: 740.964.9558

Approval:

Date

Job Path G:\Jobs\Sales\Andrew\Pataskala (City of) Pataskala Library\Wall Sign Print1C

Order #: 000000 Proj. Location: 101 S. VINE ST., Pataskala, OH 43062
Date: 09.25.23 Designer: jlgreenlee@branhamsign.com
Page Rev: 001 Sales Rep: ablubaugh@branhamsign.com

PROJECT



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Pataskala Library

UL
Underwriters
Laboratories Inc.
LISTED E71326

Pataskala Library S/F Monument Sign

Branham Sign
COMPANY · INCORPORATED

Qty: 1 Set

- 1"-thick Type 1 PVC Letters
- Painted Satin White
- Stud-mounted to Monument Wall



NOTE: "League Spartan Bold" Font isn't a Perfect Match. Please
Verify that this Font Selection is Acc table.



Approval:

Approved _____ Date _____

Job Path G:\Jobs\Sales\Andrew\Pataskala (City of) Pataskala Library\Monument Sign Print1

127 Cypress Street SW
Reynoldsburg OH 43068
O: 740.964.9550
F: 740.964.9558

Order #: 000000 Proj. Location: 101 Vine St., Pataskala, OH 43062
Date: 09.01.23 Designer: jgreenlee@branhamsign.com
Page Rev: 001 Sales Rep: ablubaugh@branhamsign.com

PROJECT



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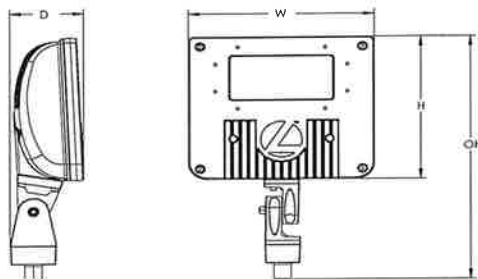
d-series

D-Series DSXF1 LED Floodlight



Specifications

EPA:	0.6 ft ² (0.05 m ²)
Depth:	3.52" (8.9 cm)
Width:	8.86" (22.5 cm)
Height:	7.84" (19.9 cm)
Overall Height:	13.37" (34.0 cm)
Weight:	7.2 lbs (3.3 kg)



Catalog
Number

Notes

Type

Introduction

The D-Series floodlights feature a site-wide offering to meet specifier's every floodlighting need in application. The D-Series flood offers three sizes delivering 3,000 to 27,000 lumens. Available with seven precision optics, three mountings and three color temperatures, D-Series floodlights offer vast design capabilities while delivering significant energy savings and long life.

The DSXF1 delivers 3,000 to 5,500 lumens, meeting a large breadth of illumination requirements for design and renovation when replacing 70W to 150W HID floodlights. All configurations are assembled in the USA allowing for quick delivery.

Ordering Information

EXAMPLE: DSXF1 LED P1 40K MSP MVOLT THK DDBXD

DSXF1 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
DSXF1 LED	P1 P2	30K 3000K 40K 4000K 50K 5000K	WFL Wide flood (6X6) FL Flood (5X5) MFL Medium flood (4X4) WFR Wide flood rectangular (6X5) HMF Horizontal medium flood (6X4) MSP Medium spot (4X4) NSP Narrow spot (3X3)	MVOLT ¹ 347	Shipped included THK Knuckle with 1/2" NPT threaded pipe IS Integral slipfitter (fits 2-3/8" O.D. tenon) YKC62 Yoke with 2ft 16-3 SO cord

Options

Shipped installed

PE	Photocontrol, button style ²
DMG	0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately)
SPD10KV	Separate surge protection

Shipped separately³

UBV	Upper/bottom visor (universal)
FV	Full visor
VG	Vandal guard

Finish (required)

DDBXD	Dark bronze
DBLXD	Black
DNAXD	Natural aluminum
DWHXD	White

Accessories³

Ordered and shipped separately.

DSXF1/ZTS DDBXD U	Slipfitter for 1-1/4" to 2-3/8" OD tenons; 1/2" THK required (specify finish)
FTS CG6 DDBXD U	Slipfitter for 2-3/8" to 2-7/8" OD tenons; YKC62 required (specify finish)
FRWB DDBXD U	Radius wall bracket, 2-3/8" OD tenon (specify finish)
FSPB DDBXD U	Steel square pole bracket, 2-3/8" OD tenon (specify finish)
DSXF1UBV DDBXD U	Upper/bottom visor accessory (specify finish)
DSXF1FV DDBXD U	Full visor accessory (specify finish)
DSXF1VG U	Vandal guard accessory

For more mounting options, visit our [Floodlighting Accessories](#) pages.

NOTES

1. MVOLT driver operates on line voltage from 120-277V.
2. Requires MVOLT or 347V (not available in 480V).
3. Also available as accessories; see Accessories information at left.

Architect to confirm
color selection



One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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DSXF1-LED
Rev. 04/13/23
Page 1 of 6

Mounting, Options and Accessories

Mountings



IS – Adjustable Slipfitter
(Fits 2-3/8" O.D. tenon)



YKC62 - Yoke with 16-3
SO cord, 2ft



THK - Threaded Knuckle with
1/2" NPT threaded pipe

External Shields



UBV Visor
Top Mounted



UBV Visor
Bottom Mounted



FV - Full Visor

Accessories



VG - Vandal Guard



DSXF1/2TS - THK
Slipfitter Accessory

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 applicable tolerances. Actual performance may differ as a result of end-user environment and application. Actual wattage may differ by +/- 8% when operating between 120-480V +/- 10%. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	Field Angle		Beam Angle		30K (3000K, 70 CRI)			40K (4000K, 70 CRI)			50K (5000K, 70 CRI)		
			H	V	H	V	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd
P1	21W	NSP	37	38	18	19	2,601	124	16,316	2,876	137	18,039	2,876	137	18,039
		MSP	51	51	27	28	2,578	123	9,908	2,850	136	10,954	2,850	136	10,954
		MFL	60	60	46	45	2,435	116	4,027	2,692	128	4,452	2,692	128	4,452
		FL	84	91	59	72	2,682	128	2,255	2,965	141	2,494	2,965	141	2,494
		WFL	109	101	86	85	2,766	132	1,494	3,058	146	1,652	3,058	146	1,652
		WFR	103	92	80	71	2,794	133	1,809	3,089	147	2,000	3,089	147	2,000
		HMF	124	63	100	48	2,329	111	2,001	2,575	123	2,212	2,575	123	2,212
P2	42W	NSP	37	38	18	19	4,741	113	29,740	5,242	125	32,881	5,242	125	32,881
		MSP	51	51	27	28	4,699	112	18,060	5,195	124	19,967	5,195	124	19,967
		MFL	60	50	46	45	4,439	106	7,340	4,908	117	8,115	4,908	117	8,115
		FL	84	91	59	72	4,889	116	4,111	5,406	129	4,545	5,405	129	4,545
		WFL	109	101	86	85	4,753	113	2,568	5,573	133	3,011	5,573	133	3,011
		WFR	103	92	80	71	5,094	121	3,297	5,631	134	3,645	5,632	134	3,645
		HMF	124	63	100	48	4,245	101	3,647	4,693	112	4,032	4,693	112	4,032

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	
0°C	32°F
10°C	50°F
20°C	68°F
25°C	77°F
30°C	86°F
40°C	104°F

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the DSXF1 LED P2 platform 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 LMF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

TM-21 Percent Lumen Maintenance	60,000 hrs
Lumen Maintenance Factor	>88%

Electrical Load

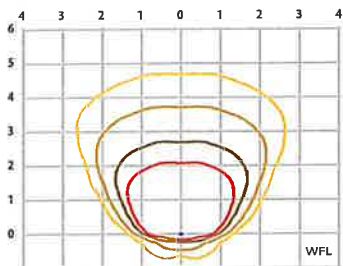
Light Engine	System Watts	Current (A)					
		120	208	240	277	347	480
P1	21W	0.18	0.1	0.09	0.08	0.07	-
P2	42W	0.35	0.20	0.18	0.15	0.12	-

Photometric Diagrams

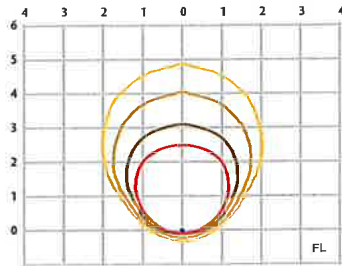
To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Flood Size 1 homepage](#).

Isofootcandle plots for DSXF1. Distances are in units of mounting height (15ft).

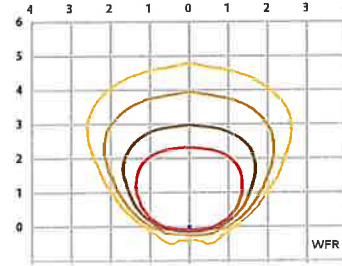
LEGEND
 0.1 fc
 0.25 fc
 0.5 fc
 1.0 fc



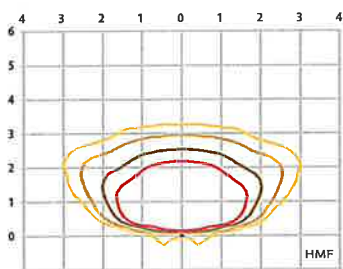
DSXF1 LED P2 40K - Tilted at 45°



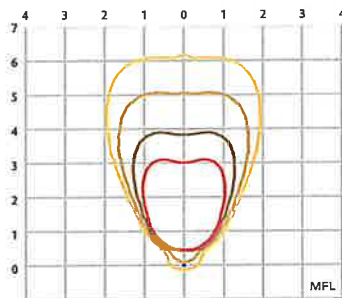
DSXF1 LED P2 40K - Tilted at 45°



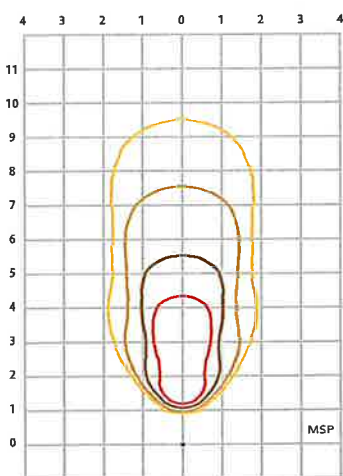
DSXF1 LED P2 40K - Tilted at 45°



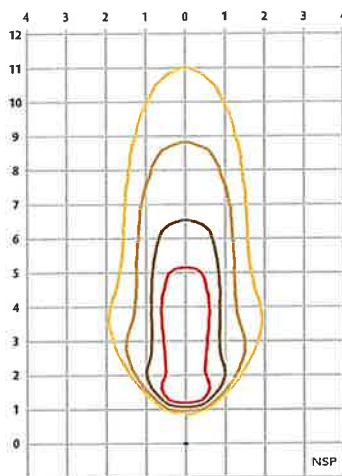
DSXF1 LED P2 40K - Tilted at 45°



DSXF1 LED P2 40K - Tilted at 60°



DSXF1 LED P2 40K - Tilted at 80°

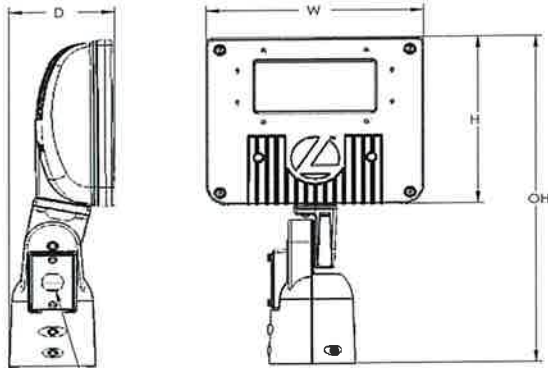


DSXF1 LED P2 40K - Tilted at 80°

MH = 15ft
 Grid = 15ft x 15ft

Dimensions

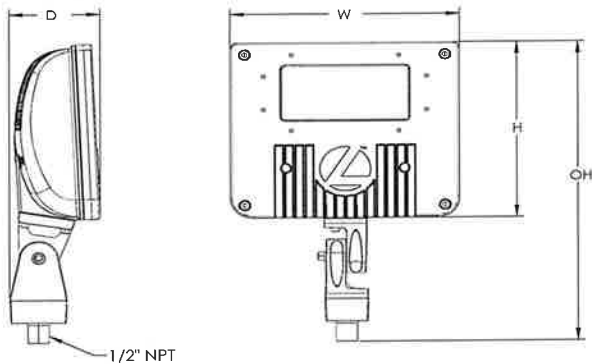
Adjustable Slipfitter (IS)



Width: 8.86" (22.5 cm)
 Depth: 4.32" (11.0 cm)
 Height: 7.84" (19.9 cm) main body
 Overall: 15.35" (39.0 cm) with arm
 Weight: 7.7 lbs

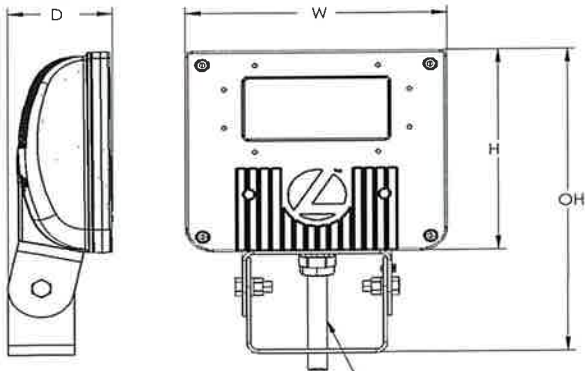
Qty (2) - splice covers included (includes one with 7/8" thru-hole allowing conduit from exterior)

Threaded Knuckle (THK)

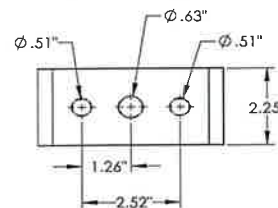


Width: 8.86" (22.5 cm)
 Depth: 3.52" (8.9 cm)
 Height: 7.84" (19.9 cm) main body
 Overall: 13.37" (34.0 cm) with arm
 Weight: 7.2 lbs

Yoke (YKC62)



Yoke (YK) Mounting Detail



Width: 8.86" (22.5 cm)
 Depth: 3.56" (9.0 cm)
 Height: 7.84" (19.9 cm) main body
 Overall: 11.84" (30.0 cm) with arm
 Weight: 7.5 lbs

Note: Standard cord is 16-3 wire, 2 ft cord. Other lengths can be specified.
 Ex: YKC62
 YK = Yoke Mount
 C6 = 16 gage, 3 wire cord
 2 = 2 feet (5 = 5ft, 6 = 6ft, etc.)



Project Name: Pataskala Library Addition & Renovation
Manufacturer: ABL-Lithonia Lighting
Model Number: DSXF1 LED P1 40K WFL MVOLT THK PE DDBXD

Type: G1

Pole Mounting Information

Accessories including bullhorns, cross arms and other adapters are available. For the complete line of accessories available, visit the accessories tab at Lithonia's Outdoor Poles and Arms product page. [Click here to visit Accessories.](#)

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek and compact design of the D-Series floodlights reflects the embedded high performance LED technology while offering a clean aesthetic suitable for specification and general purpose floodlighting applications. Three sizes are available with seven precision optics allowing for maximum design versatility. DSXF1 delivers 3,000 to 5,500 lumens and is ideal for commercial lighting applications including new construction and replacing 70W to 150W HID floodlights. DSXF1 is ideal for security, facade, flagpole, column grazing and signage lighting applications.

CONSTRUCTION

The DSXF1 LED floodlight features rugged die-cast aluminum construction with integral heat sink fins that optimize thermal management through conductive and convective cooling. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. The housing and lens frame are completely sealed against moisture and environmental contaminants providing an IP66 rating. Low EPA (0.8 ft2) for optimized wind loading. DSXF1 is 1.5G vibration rated per ANSI C136.31.

FINISH

Exterior painted 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 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, and white. Available in textured and non-textured finishes.

OPTICS

Seven unique precision-molded vacuum-metalized specular reflectors are engineered for superior field-to-beam ratios, uniformity and spacing. Light engines are available in 3000K, 4000K or 5000K (minimum 70 CRI) configurations. Optional visors offer additional versatility when shielding is required.

ELECTRICAL

Light engines consist of chip-on-board (COB) LEDs directly coupled to the housing to maximize heat dissipation and promote long life. LED lumen maintenance is L88/60,000 hours. Class 1 electronic 0-10V continuous dimming drivers ensure system power factor, 90% and THD <20%. Optional 10kV surge protection device meets a minimum Category C low operation (per ANSI/IEEE C62.41.2).

CONTROLS

DSXF2 features MVOLT (120-277V) and 347V button photocontrol.

INSTALLATION

The die-cast integral "15" mount features an adjustable slipfitter that mounts on a 2 3/8" OD tenon. Includes integral splice compartment offering easy installation and wiring. An extra cover plate with 7/8" through hole is provided to accommodate 1/2" water-tight fitting for power run from outside of the tenon. The "THK" adjustable knuckle mount includes a 1/2-14 NPT pipe thread. A steel yoke "YK" mount is available and includes a water tight cord grip and cord. DSXF1 features a glass lens enclosure that is protected to IP66 and is rated for lighting aimed up above 90°. Suitable for mounting within 4 feet of ground.

LISTINGS

CSA Certified to meet U.S. and Canadian standards, Suitable for wet locations. Rated for -40°C minimum ambient.

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.

BUY AMERICAN ACT

This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/resources/buy-american for additional information.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

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.



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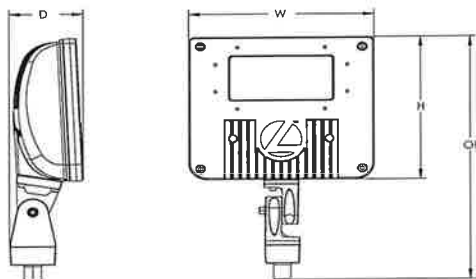
d-series

D-Series DSXF1 LED Floodlight



Specifications

EPA:	0.6 ft ² (0.05 m ²)
Depth:	3.52" (8.9 cm)
Width:	8.86" (22.5 cm)
Height:	7.84" (19.9 cm)
Overall Height:	13.37" (34.0 cm)
Weight:	7.2 lbs (3.3 kg)



Catalog
Number

Notes

Type

Introduction

The D-Series floodlights feature a site-wide offering to meet specifier's every floodlighting need in application. The D-Series flood offers three sizes delivering 3,000 to 27,000 lumens. Available with seven precision optics, three mountings and three color temperatures, D-Series floodlights offer vast design capabilities while delivering significant energy savings and long life.

The DSXF1 delivers 3,000 to 5,500 lumens, meeting a large breadth of illumination requirements for design and renovation when replacing 70W to 150W HID floodlights. All configurations are assembled in the USA allowing for quick delivery.

Ordering Information

EXAMPLE: DSXF1 LED P1 40K MSP MVOLT THK DDBXD

DSXF1 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
DSXF1 LED	P1 P2	30K 3000K 40K 4000K 50K 5000K	WFL Wide flood (6X6) FL Flood (5X5) MFL Medium flood (4X4) WFR Wide flood rectangular (6X5) HMF Horizontal medium flood (6X4) MSP Medium spot (4X4) NSP Narrow spot (3X3)	MVOLT ¹ 347	Shipped included THK Knuckle with 1/2" NPT threaded pipe IS Integral slipfitter (fits 2-3/8" O.D. tenon) YKC62 Yoke with 2ft 16-3 SO cord

Options

Shipped installed

PE	Photocontrol, button style ²
DMG	0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately)
SPD10KV	Separate surge protection

Shipped separately³

UBV	Upper/bottom visor (universal)
FV	Full visor
VG	Vandal guard

Finish (required)

DDBXD	Dark bronze
DBLXD	Black
DNAXD	Natural aluminum
DWHXD	White

Accessories³

Ordered and shipped separately.

DSXF1/ZTS DDBXD U	Slipfitter for 1-1/4" to 2-3/8" OD tenons; 1/2" THK required (specify finish)
FTS C66 DDBXD U	Slipfitter for 2-3/8" to 2-7/8" OD tenons; YKC62 required (specify finish)
FRWB DDBXD U	Radius wall bracket, 2-3/8" OD tenon (specify finish)
FSPB DDBXD U	Steel square pole bracket, 2-3/8" OD tenon (specify finish)
DSXF1UBV DDBXD U	Upper/bottom visor accessory (specify finish)
DSXF1FV DDBXD U	Full visor accessory (specify finish)
DSXF1VG U	Vandal guard accessory

For more mounting options, visit our [Floodlighting Accessories](#) pages.

NOTES

1. MVOLT driver operates on line voltage from 120-277V.
2. Requires MVOLT or 347V (not available in 480V).
3. Also available as accessories; see Accessories information at left.



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Mounting, Options and Accessories

Mountings



IS - Adjustable Slipfitter
(Fits 2-3/8" O.D. tenon)



**YKC62 - Yoke with 16-3
SO cord, 2ft**



**THK - Threaded Knuckle with
1/2" NPT threaded pipe**

External Shields



**UBV Visor
Top Mounted**



**UBV Visor
Bottom Mounted**



FV - Full Visor

Accessories



VG - Vandal Guard



**DSXF1/2TS - THK
Slipfitter Accessory**



Project Name: Pataskala Library Addition & Renovation
Manufacturer: ABL-Lithonia Lighting
Model Number: DSXF1 LED P1 40K MSP MVOLT THK PE DDBXD

Type: G1A

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 applicable tolerances. Actual performance may differ as a result of end-user environment and application. Actual wattage may differ by +/- 8% when operating between 120-480V +/- 10%. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	Field Angle		Beam Angle		30K (3000K, 70 CRI)			40K (4000K, 70 CRI)			50K (5000K, 70 CRI)		
			H	V	H	V	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd
			°	°	°	°									
P1	21W	NSP	37	38	18	19	2,601	124	16,316	2,876	137	18,039	2,876	137	18,039
		MSP	51	51	27	28	2,578	123	9,908	2,850	136	10,954	2,850	136	10,954
		MFL	60	60	46	45	2,435	116	4,027	2,692	128	4,452	2,692	128	4,452
		FL	84	91	59	72	2,682	128	2,255	2,965	141	2,494	2,965	141	2,494
		WFL	109	101	86	85	2,766	132	1,494	3,058	146	1,652	3,058	146	1,652
		WFR	103	92	80	71	2,794	133	1,809	3,089	147	2,000	3,089	147	2,000
		HMF	124	63	100	48	2,329	111	2,001	2,575	123	2,212	2,575	123	2,212
P2	42W	NSP	37	38	18	19	4,741	113	29,740	5,242	125	32,881	5,242	125	32,881
		MSP	51	51	27	28	4,699	112	18,060	5,195	124	19,967	5,195	124	19,967
		MFL	60	50	46	45	4,439	106	7,340	4,908	117	8,115	4,908	117	8,115
		FL	84	91	59	72	4,889	116	4,111	5,406	129	4,545	5,405	129	4,545
		WFL	109	101	86	85	4,753	113	2,568	5,573	133	3,011	5,573	133	3,011
		WFR	103	92	80	71	5,094	121	3,297	5,631	134	3,645	5,632	134	3,645
		HMF	124	63	100	48	4,245	101	3,647	4,693	112	4,032	4,693	112	4,032

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	Ambient
0°C	32°F
10°C	50°F
20°C	68°F
25°C	77°F
30°C	86°F
40°C	104°F

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the DSXF1 LED P2 platform 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.

TM-21 Percent Lumen Maintenance	60,000 hrs
Lumen Maintenance Factor	>98%

Electrical Load

Light Engines	System Watts	Current (A)					
		120	208	240	277	347	480
P1	21W	0.18	0.1	0.09	0.08	0.07	-
P2	42W	0.35	0.20	0.18	0.15	0.12	-



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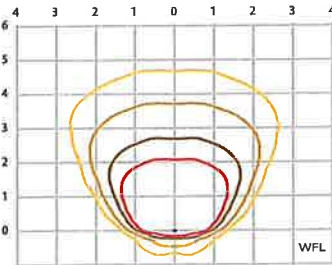
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Photometric Diagrams

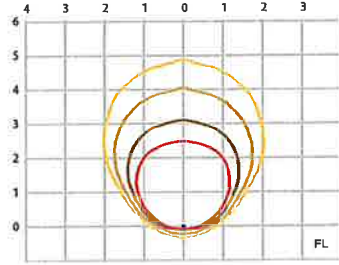
To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Flood Size 1 homepage](#).

Isofootcandle plots for DSXF1. Distances are in units of mounting height (15ft).

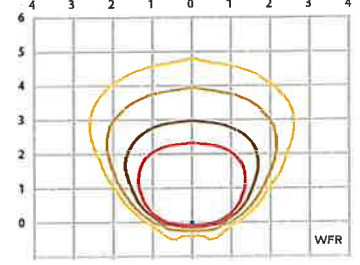
LEGEND
 0.1 fc
 0.25 fc
 0.5 fc
 1.0 fc



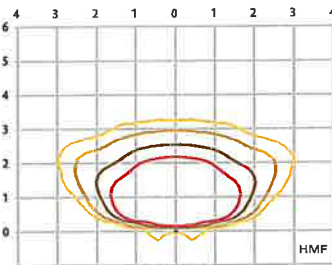
DSXF1 LED P2 40K - Tilted at 45°



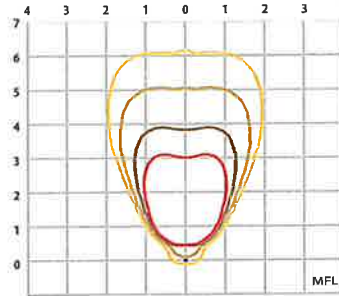
DSXF1 LED P2 40K - Tilted at 45°



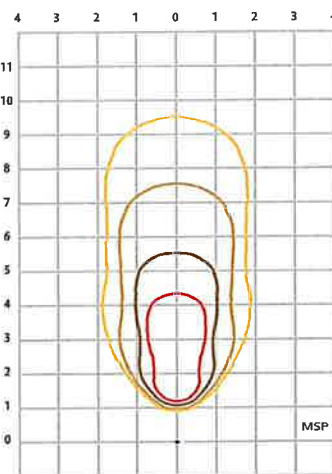
DSXF1 LED P2 40K - Tilted at 45°



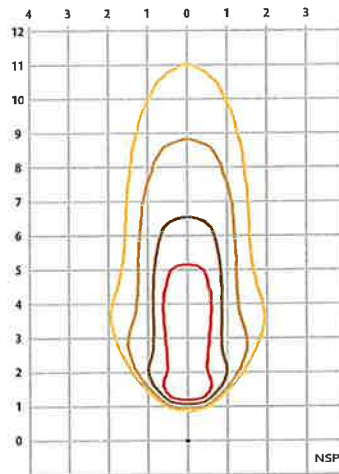
DSXF1 LED P2 40K - Tilted at 45°



DSXF1 LED P2 40K - Tilted at 60°



DSXF1 LED P2 40K - Tilted at 80°

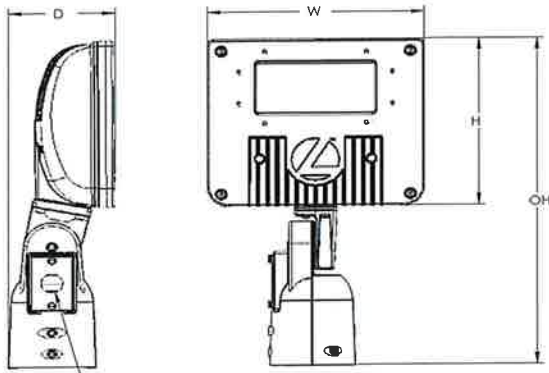


DSXF1 LED P2 40K - Tilted at 80°

MH = 15ft
 Grid = 15ft x 15ft

Dimensions

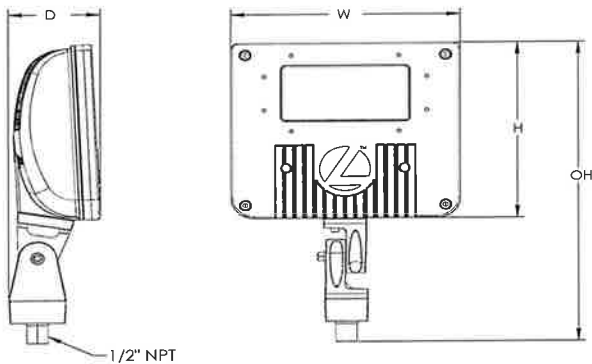
Adjustable Slipfitter (IS)



Width: 8.86" (22.5 cm)
 Depth: 4.32" (11.0 cm)
 Height: 7.84" (19.9 cm) main body
 Overall: 15.35" (39.0 cm) with arm
 Weight: 7.7 lbs

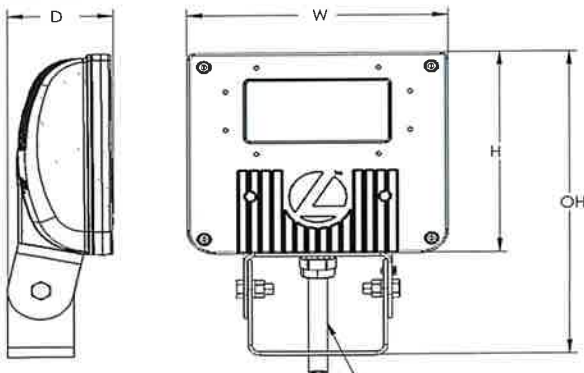
Qty (2) - splice covers included (includes one with 7/8" thru-hole allowing conduit from exterior)

Threaded Knuckle (THK)

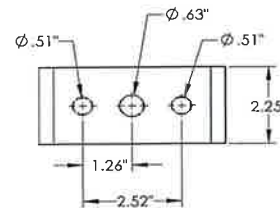


Width: 8.86" (22.5 cm)
 Depth: 3.52" (8.9 cm)
 Height: 7.84" (19.9 cm) main body
 Overall: 13.37" (34.0 cm) with arm
 Weight: 7.2 lbs

Yoke (YKC62)



Yoke (YK) Mounting Detail



Width: 8.86" (22.5 cm)
 Depth: 3.56" (9.0 cm)
 Height: 7.84" (19.9 cm) main body
 Overall: 11.84" (30.0 cm) with arm
 Weight: 7.5 lbs

Note: Standard cord is 16-3 wire, 2 ft cord. Other lengths can be specified.
 Ex: YKC62
 YK = Yoke Mount
 C6 = 16 gage, 3 wire cord
 2 = 2 feet (5 = 5ft, 6 = 6ft, etc.)



Project Name: Pataskala Library Addition & Renovation
Manufacturer: ABL-Lithonia Lighting
Model Number: DSXF1 LED P1 40K MSP MVOLT THK PE DDBXD

Type:
G1A

Pole Mounting Information

Accessories including bullhorns, cross arms and other adapters are available. For the complete line of accessories available, visit the accessories tab at Lithonia's Outdoor Poles and Arms product page. [Click here to visit Accessories.](#)

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek and compact design of the D-Series floodlights reflects the embedded high performance LED technology while offering a clean aesthetic suitable for specification and general purpose floodlighting applications. Three sizes are available with seven precision optics allowing for maximum design versatility. DSXF1 delivers 3,000 to 5,500 lumens and is ideal for commercial lighting applications including new construction and replacing 70W to 150W HID floodlights. DSXF1 is ideal for security, facade, flagpole, column grazing and signage lighting applications.

CONSTRUCTION

The DSXF1 LED floodlight features rugged die-cast aluminum construction with integral heat sink fins that optimize thermal management through conductive and convective cooling. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. The housing and lens frame are completely sealed against moisture and environmental contaminants providing an IP66 rating. Low EPA (0.8 ft2) for optimized wind loading. DSXF1 is 1.5G vibration rated per ANSI C136.31.

FINISH

Exterior painted 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 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, and white. Available in textured and non-textured finishes.

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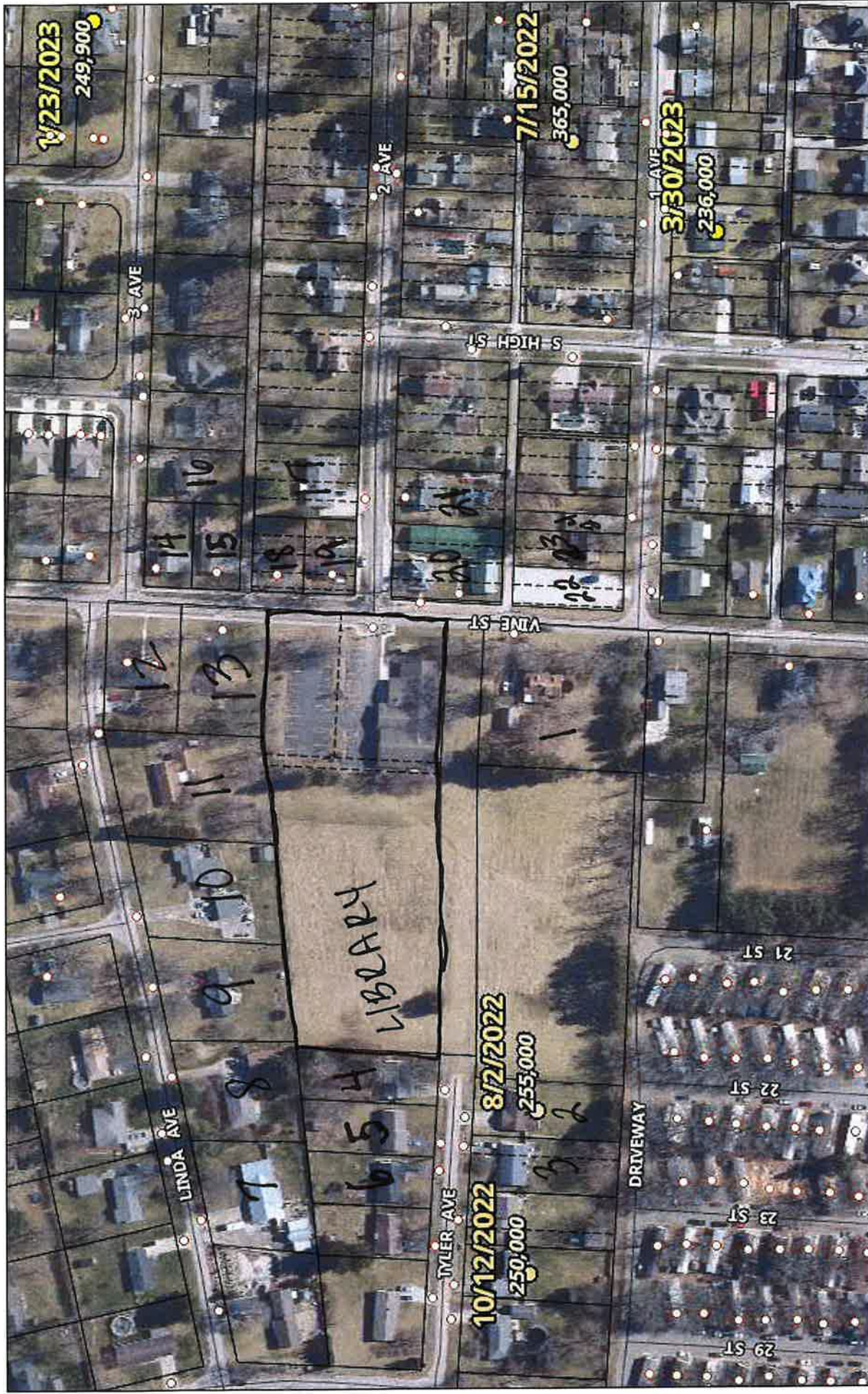
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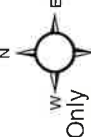
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6.7	7.6	8.1	8.4	9.1	10.1	11.1	11.3	11.2	11.2	11.3	11.1	10.2	9.1	8.6	8.1	7.6	6.7
7.3	8.7	9.4	9.6	10.3	11.5	12.6	12.8	12.8	12.8	12.6	11.5	10.3	9.6	9.6	9.4	8.7	7.5
9.0	10.4	11.5	11.6	12.1	13.7	14.9	15.2	15.2	14.9	14.9	13.7	12.1	11.6	11.5	10.4	9.0	
10.9	12.6	14.6	14.9	15.2	16.6	17.6	18.2	18.2	17.6	17.6	16.6	15.2	14.9	14.6	12.6	10.9	
13.0	15.4	17.9	18.5	18.7	19.8	20.1	20.4	20.4	20.1	19.8	18.7	18.5	17.9	15.4	13.0		
14.5	17.9	21.2	21.6	22.1	23.1	21.7	21.1	21.1	21.2	21.7	23.1	22.1	21.6	21.2	17.9	14.5	
14.9	19.9	24.1	24.3	25.9	26.6	23.4	20.5	19.5	20.3	23.4	26.6	25.9	24.3	24.1	19.9	14.9	
12.4	17.9	22.9	26.3	25.1	21.3	17.0	19.6	19.6	17.0	21.3	25.1	26.3	22.9	17.9	12.4		
2.9	4.6	5.7	6.0	6.6	6.2	5.3	4.7	3.5	3.5	4.7	5.3	6.2	6.6	6.0	5.7	4.6	2.9

OnTrac Property Map



November 16, 2023



Street Number Only Owner Name & Acres

- Sales - 2023
- Sales - 2022

Centerline Labels

- Interstate/US/State Route

- 188 Feet
- County road
- Township road
- 0.04 Miles

- Other Road Type

Municipal Corporations

Licking County Auditor GIS

LICKING COUNTY TAX MAP