



**ARCHITECTURAL REVIEW BOARD
MUNICIPAL PLANNING COMMISSION
-AGENDA-
Thursday, June 22, 2023 at 7:00 P.M.**

Louis J.R. Goorey Worthington Municipal Building
The John P. Coleman Council Chamber
6550 North High Street
Worthington, Ohio 43085

Watch online at [worthington.org/live](https://www.worthington.org/live) and comment in person or at [worthington.org/meeting-public-input](https://www.worthington.org/meeting-public-input)

A. Call to Order - 7:00 pm

1. Roll Call
2. Pledge of Allegiance
3. Approval of minutes of the June 8, 2023 meeting
4. Affirmation/swearing in of witnesses.

B. Architectural Review Board – New Business

1. Shed – **5545 N. High St.** (Meghan Colleli/Villa Nova) **ARB 45-2023**
2. Fence – **872 Oxford St.** (Bailey Moore/Drabant) **ARB 47-2023**

C. Municipal Planning Commission – New Business

1. **Conditional Use Permit**
 - a. Personal Services in C-3 – Pilates & Wellness Studio – **1000 High St., Suite I** (Body Intuit) **CU 03-2023**
2. **Amendment to Development Plan**
 - a. Parking Lot Lighting – **200 E. Wilson Bridge Rd.** (Mandy Aldrich/Worthington Schools) **ADP 06-2022**

D. Other

E. Adjournment



MEMORANDUM

TO: Members of the Architectural Review Board
Members of the Municipal Planning Commission

FROM: Lynda Bitar, Planning Coordinator

DATE: June 16, 2023

SUBJECT: Staff Memo for the Meeting of June 22, 2023

B. Architectural Review Board – New Business

1. Shed – **5545 N. High St.** (Meghan Colleli/Villa Nova) **ARB 45-2023**

Findings of Fact & Conclusions

Background & Request:

Villa Nova Ristorante was started in 1977. The building and site have been renovated over the years, including the addition of parking to the south with the demolition of the former Just Pies building, and upgraded lighting. The parcel is .89 acres and has mixed zoning. Included is a 12' x 14' piece at the northwest corner of the property that has been the location of a shed for a long time. The shed is in the C-4 Zoning District.

This is a request to replace the shed.

Project Details:

1. The proposed shed would be the same size as the existing which is 8' x 12'. Location of the shed would be on the 12' x 14' section of property, with placement 1' from the north property line and 2' from the east and west property lines. Variances were never granted for the previous shed, so variances are now needed with the replacement.
2. The new shed is planned to match the existing with a gable roof and brown exterior. The siding would be LP Smartside and the roof would be brown metal. A double barn door is proposed for the rear.

Land Use Plans:

Worthington Design Guidelines and Architectural District Ordinance

Outbuildings are not addressed in the commercial section of the Design Guidelines, only the residential. The residential guidelines call for outbuildings to be compatible in appearance to the

house it accompanies. For any accessory structures the Board would review the compatibility of the design and materials.

Code Section 1149.02 Yard, Area and Height for all Buildings other than Dwellings

C-4 Zoning District: Required Rear Yard Adjacent to an Alley – 50’; Required Side Yard -15’.

Ohio Building Code

Although [OBC 102.10](#) exempts sheds not exceeding 120 sf in area from approval by the building official, it still requires the owner to comply with all of the applicable provisions of the rules of the [Ohio] Board [of Building Standards]. In this particular case the shed is less than 5’ from the property line. In that case, [OBC 602.1](#) and [Table 602](#) requires the exterior walls be of 1 hour, fire-resistance rated construction for a Group U occupancy. The building official does not have authority to enforce this requirement, but the owner has a duty to comply with the requirement.

Recommendation:

Staff is recommending *approval* of the shed as it would be replacing one that has been there a long time, blends with the restaurant building and Midas to the north, so would not harm the character of the neighborhood.

Motion:

THAT THE REQUEST BY MEGHAN COLLELI ON BEHALF OF THE VILLA NOVA RISTORANTE FOR A CERTIFICATE OF APPROPRIATENESS TO REPLACE THE SHED AT 5545 N. HIGH ST. AS PER CASE NO. ARB 45-2023, DRAWINGS NO. ARB 45-2023, DATED JUNE 6, 2023, BE APPROVED BASED ON THE FINDINGS OF FACT AND CONCLUSIONS IN THE STAFF MEMO AND PRESENTED AT THE MEETING.

2. Fence – 872 Oxford St. (Bailey Moore/Drabant) ARB 47-2023

Findings of Fact & Conclusions:

Background:

This 53’ wide by ~252’ deep lot is on the east side of Oxford St. toward the north end of the street. The property is zoned R-10 (Low Density Residence), as are the properties to the north, south and west. To the east are C-1 (Neighborhood Commercial) parcels with the Spa House building and the multi-tenant commercial building with Mrs. Goodman’s Baking Co., Jersey Mikes Subs and other businesses.

The 1,468 square foot single-family house on the property was built in 1900 and is a contributing building in the Worthington Historic District. A garage was added in 1985 and the house has been renovated and maintained over the years. Recently, the ARB approved replacing the front porch and constructing an addition with new living area, a screened porch, and a patio to the rear.

This is a request to install a 6’ privacy fence between this property and the property to the south.

Project Details:

1. The proposed fence would begin at the rear of the house on this property and extend about 66' east to the front of the garage on the property to the south which is 870 Oxford St.
2. The 6' high fence would have horizontal rails at the top, bottom and middle and vertical 6" wide pickets with no spacing between.
3. Both neighbors are supportive of the fence style.

Land Use Plans:Worthington Design Guidelines and Architectural District Ordinance

Fencing should be open in style; constructed with traditional materials; 3' to 4' in height; in the back yard; and of simple design, appropriate for the house style. Design and materials should be compatible with the existing structure.

Recommendation:

Staff recommends denial of this application as the proposed fence does not meet the Design Guidelines and would have visibility from the street.

Motion:

THAT THE REQUEST BY BAILEY MOORE ON BEHALF OF DONALD DRABANT TO INSTALL NEW FENCING AT 872 OXFORD ST. AS PER CASE NO. ARB 47-2023, DRAWINGS NO. ARB 47-2023 DATED JUNE 8, 2023, BE APPROVED, BASED ON THE FINDINGS OF FACT AND CONCLUSIONS IN THE STAFF MEMO AND/OR PRESENTEED AT THE MEETING.

B. Municipal Planning Commission – New Business**1. Conditional Use Permit**

- a. Personal Services in C-3 – Pilates & Wellness Studio – **1000 High St., Suite I (Body Intuit)**
CU 03-2023

Findings of Fact & Conclusions**Background & Request:**

This multi-tenant building at the southeast corner of High St. and Wilson Dr. currently houses a variety of businesses, including a dentist. The applicant is requesting approval to locate a business that offers Pilates training and other wellness modalities such as yoga, meditation and holistic nutrition. Private and semi-private training as well as periodic small group classes, workshops and teacher training programs are planned. Due to the nature of the business, it would be considered a personal service which is a Conditional Use in the C-3 Zoning District.

Project Details:

1. The proposed business has the potential to operate between 7:00 am and 7:00 pm.
2. Typically, 2-4 people would be in the space at a time, and some evenings and Saturday mornings could have up to 9 people in the space.

3. Parking is available in the private parking lot in front of the space, and there is parking on the side street if needed.

Zoning Code:**Worthington Conditional Use Permit Regulations**

The following basic standards shall apply to conditional uses in any "C" or "I" District: the location, size, nature and intensity of the use, operations involved in or conducted in connection with it, its site layout and its relation to streets giving access to it, shall be such that both pedestrian and vehicular traffic to and from it will not be hazardous, both at the time and as the same may be expected to increase with increasing development of the Municipality. The provisions for parking, screening, setback, lighting, loading and service areas and sign location and area shall also be specified by the applicant and considered by the Commission.

Recommendation:

Staff is recommending approval of this application. The impact of the proposed business in this location should be minimal.

Motion:

THAT THE REQUEST BY ANNA SULLIVAN FOR APPROVAL OF A CONDITIONAL USE PERMIT TO OPERATE A PERSONAL SERVICE AT 1000 HIGH ST. AS PER CASE NO. CU 03-2023, DRAWINGS NO. CU 03-2023, DATED MAY 31, 2023, BE APPROVED BASED ON THE FINDINGS OF FACT AND CONCLUSIONS IN THE STAFF MEMO AND PRESENTED AT THE MEETING.

2. Amendment to Development Plan

- a. Parking Lot Lighting – **200 E. Wilson Bridge Rd.** (Mandy Aldrich/Worthington Schools) **ADP 06-2022**

Findings of Fact & Conclusions**Background & Request:**

This 70,789 square foot building was constructed in 1978 on a ~7 acre tract of land adjacent to the I-270 right-of-way. The property was purchased by the Worthington Schools in 1999 and has been used as the district's administrative offices since the early 2000s. This application is a request to replace the parking lot and building lighting and install cameras.

Project Details:

1. Existing parking lot poles and building mounted fixtures that illuminate the parking lot would be removed.
2. New bronze poles would be spread throughout the lot. The poles are planned to be 24' high and sit on either 6" or 30" high concrete bases. Clarification is needed for the base height. Variances are needed for the height of the poles. Bronze fixtures are proposed that would have color temperature of 4000K.

3. Flood lights are proposed to illuminate the front of the building and the northwest corner and would also have color temperature of 4000K.
4. Existing well lights would be reused.
5. Cameras are proposed to be mounted on stanchions on many of the light poles.
6. It seems light would not spill past the property line per the photometric drawing. The average illumination level would be 2.1 footcandles.

Land Use Plans:

Chapter 1181 - Wilson Bridge Corridor Districts

1181.05 Development Standards.

(d) **Lighting.** All exterior lighting shall be integrated with the building design and site and shall contribute to the night-time experience, including façade lighting, sign and display window illumination, landscape, parking lot, and streetscape lighting.

- (1) The average illumination level shall not exceed 3 footcandles. The light level along a property line shall not exceed 0 footcandles.
- (2) The height of parking lot lighting shall not exceed 15' above grade and shall direct light downward. Parking lot lighting shall be accomplished from poles within the lot, and not building-mounted lights.
- (3) For pedestrian walkways, decorative low light level fixtures shall be used and the height of the fixture shall not exceed 12' above grade.
- (4) Security lighting shall be full cut-off type fixtures, shielded and aimed so that illumination is directed to the designated areas with the lowest possible illumination level to effectively allow surveillance.

Staff Comments:

- Lower light poles are required for the Wilson Bridge Corridor District and are typical for the corridor. The contractor designed the site with lower poles and the cost doubled, so the District is asking for variances for the height with this proposal.
- Light bases are recommended to be 6" high. If any 30" bases are approved, painting of the bases should be required.
- The average illumination level would be below the required 3.0 footcandles and should be 0 footcandles at the property lines.
- Building-mounted lights are being removed as part of this proposal.

Motion:

THAT THE REQUEST BY MANDY ALDRICH ON BEHALF OF THE WORTHINGTON SCHOOLS TO AMEND THE DEVELOPMENT PLAN BY REPLACING SITE LIGHTING AND INSTALLING NEW CAMERAS AT 200 E. WILSON BRIDGE RD., AS PER CASE NO. ADP 06-2022, DRAWINGS NO. ADP 06-2022, DATED JUNE 15, 2023, BE RECOMMENDED TO CITY COUNCIL FOR APPROVAL BASED ON THE PLANNING GOALS OF THE CITY, AS REFERENCED IN THE LAND USE PLANS AND THE FINDINGS OF FACT AND CONCLUSIONS IN THE STAFF MEMO AND PRESENTED AT THE MEETING.



ARB APPLICATION ARB 0045-2023 5545 N. High St.

Plan Type: Architectural Review Board	Project:	App Date: 06/06/2023
Work Class: Certificate of Appropriateness	District: City of Worthington	Exp Date:
Status: In Review		Completed:
Valuation: \$4,000.00		Approval
Description: We would like to replace the shed on the northwest corner of the Villa Nova property. There has been a shed here for at least 25 years. We have designed it to look exactly the same as the one that is currently in this location. It is brown and matches with the both the Midas building and the Villa Nova building.		Expire Date:

Parcel: 100-003069	Main	Address: 5545 N High St	Main	Zone:
		Worthington, OH 43214		

Owner	Applicant
Meghan Colleli	Meghan Colleli
5545 N High St	5545 N High St
Columbus, OH 43214	Columbus, OH 43214
Business: (614) 846-5777	Business: (614) 846-5777
Mobile: (614) 975-3305	Mobile: (614) 975-3305

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00004043	Architectural Review Board	\$4.00	\$4.00
Total for Invoice INV-00004043		\$4.00	\$4.00
Grand Total for Plan		\$4.00	\$4.00

5545 N. High St.

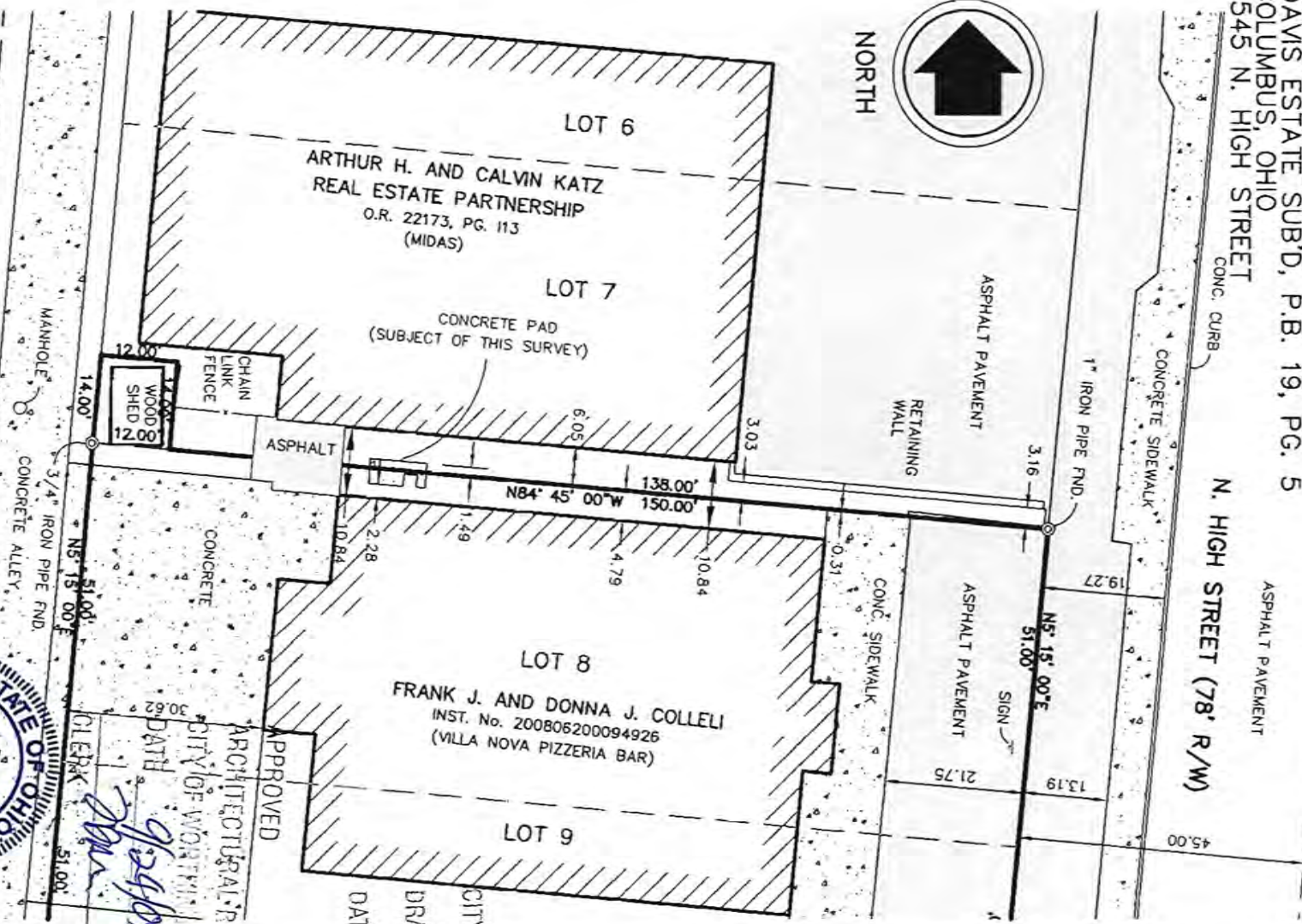


AMERICAN LAND SURVEYORS

1346 Hemlock Court N.E.
Lancaster, Ohio 43130
(740) 654-0600 - Lancaster
(614) 837-0800 - Columbus
(740) 670-0800 - Newark
(740) 455-2200 - Zanesville
(740) 654-0604 - Fox
Contact: Brett Adcock

SURVEY OF THE NORTH
LINE OF LOT 8
DAVIS ESTATE SUB'D, P.B. 19, PG. 5
COLUMBUS, OHIO
5545 N. HIGH STREET

ASPHALT PAVEMENT
N. HIGH STREET (78' R/W)
CONC. CURB
CONCRETE SIDEWALK
1" IRON PIPE FND.



SURV'D	DRAW	CHECKED
BA	BA	BA

SCALE: 1"=20'

DATE 07/20/09 JOB#09-008
REVISED DATES JOB NUMBERS

BY *[Signature]*
REGISTERED SURVEYOR
STATE OF OHIO
JON B. ADCKOCK
S-8481

CITY OF WORTHINGTON
DRAWING NO. ARB 0045-2023
DATE 9/24/09

CITY OF WORTHINGTON
DRAWING NO. ARB 0045-2023
DATE 06/06/2023

STIN S2305879

Front



Right



Back



8x12 Storage Series Shed

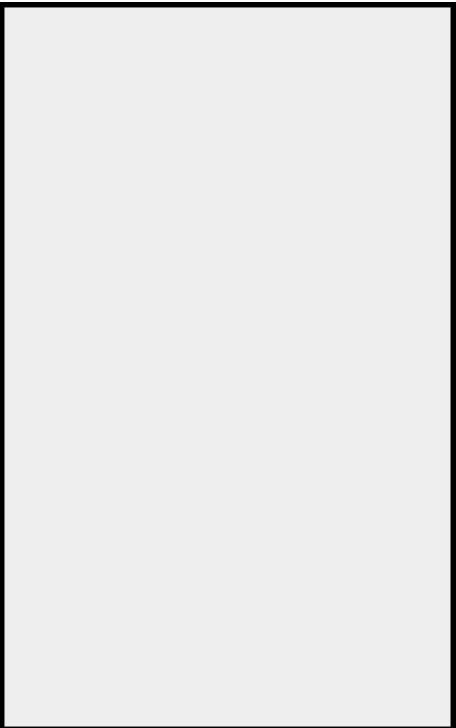
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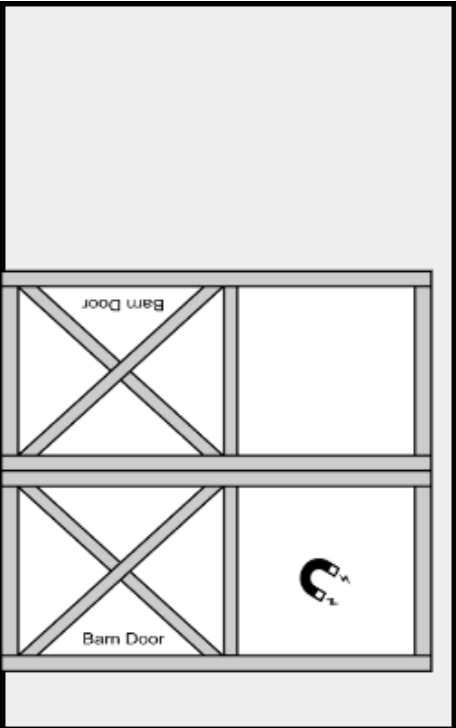
back



left



right



front






Customer

Villa Nova c/o John Colleli
5545 N High ST
Worthington, OH 43214
(614) 638-5990

Dealer

NuHaus Outdoors Online/Gene
330-390-1474

Builder

Size: 8 x 12
Roof: Shed (Metal)
Roof color: Brown 
Cladding: LP SmartSide-S
Cladding color: Brown 
Trim color: Brown 

DOUBLE DOORS	
1	72in Double Barn Door (Brown)
	1 Magnetic Door Stops (double door)
FLOORING OPTIONS	
1	16 in. O.C. floor joists
1	50 YEAR FLOORING
VENTS	
2	Rectangular Vent

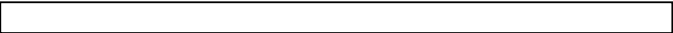


VENT



VENT

CITY OF WORTHINGTON
DRAWING NO. ARB 0045-2023
DATE 06/06/2023





ARB APPLICATION

ARB 0047-2023

872 Oxford St.

Plan Type:	Architectural Review Board	Project:		App Date:	06/08/2023
Work Class:	Certificate of Appropriateness	District:	City of Worthington	Exp Date:	
Status:	In Review			Completed:	
Valuation:	\$3,000.00			Approval	
Description:	A 6' "Picture Frame" privacy fence on the property of 872 Oxford Street but along the property line between 872 and 870 Oxford Street.				Expire Date:

Adjacent neighbor (870 Oxford Street) is in agreeance with the 6' "Picture Frame" privacy fence.

Parcel:	100-000748	Main	Address:	872 Oxford St Worthington, OH 43085	Main	Zone:	R-10(Low Density Residence)
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Applicant	Owner
Bailey Moore	Donald J Drabant TR
4220 Winchester Pike	872 OXFORD ST
Columbus, OH 43232	Worthington , OH 43085
Business: (614) 314-3258	
Mobile: (614) 314-3258	

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00004055	Architectural Review Board	\$3.00	\$3.00
		Total for Invoice INV-00004055	\$3.00
		Grand Total for Plan	\$3.00

CITY OF WORTHINGTON

DRAWING NO. ARB 0047-2023

DATE 06/08/2023

872 Oxford St.



Marc Aubry
Greenscapes Landscape Co.

Dear Marc,

My family and I reside at 870 Oxford Street in Worthington, directly next door to the Drabant residence at 872 Oxford Street. I am writing to express our support for a 6 foot privacy fence on their property abutting our driveway.

Our homes are close together and our driveway is very close to the Drabant's new screened-in porch and patio. With two basketball hoops in our driveway, along with 3 very active kids and their friends and adults playing basketball and other sports, we think it is a good idea for the protection of their property and the safety of those using their patio to have a fence erected to intercept any wayward balls and give all of us a physical buffer between that part of our adjoining properties. It will also mean fewer incursions from our yard to their yard to retrieve the kids' balls. And importantly, it will also afford all of us a bit more privacy on a day to day basis.

In short, we are fully on board with the addition of a 6 foot privacy fence between our properties.

Sincerely,

Amy Sumner

CITY OF WORTHINGTON

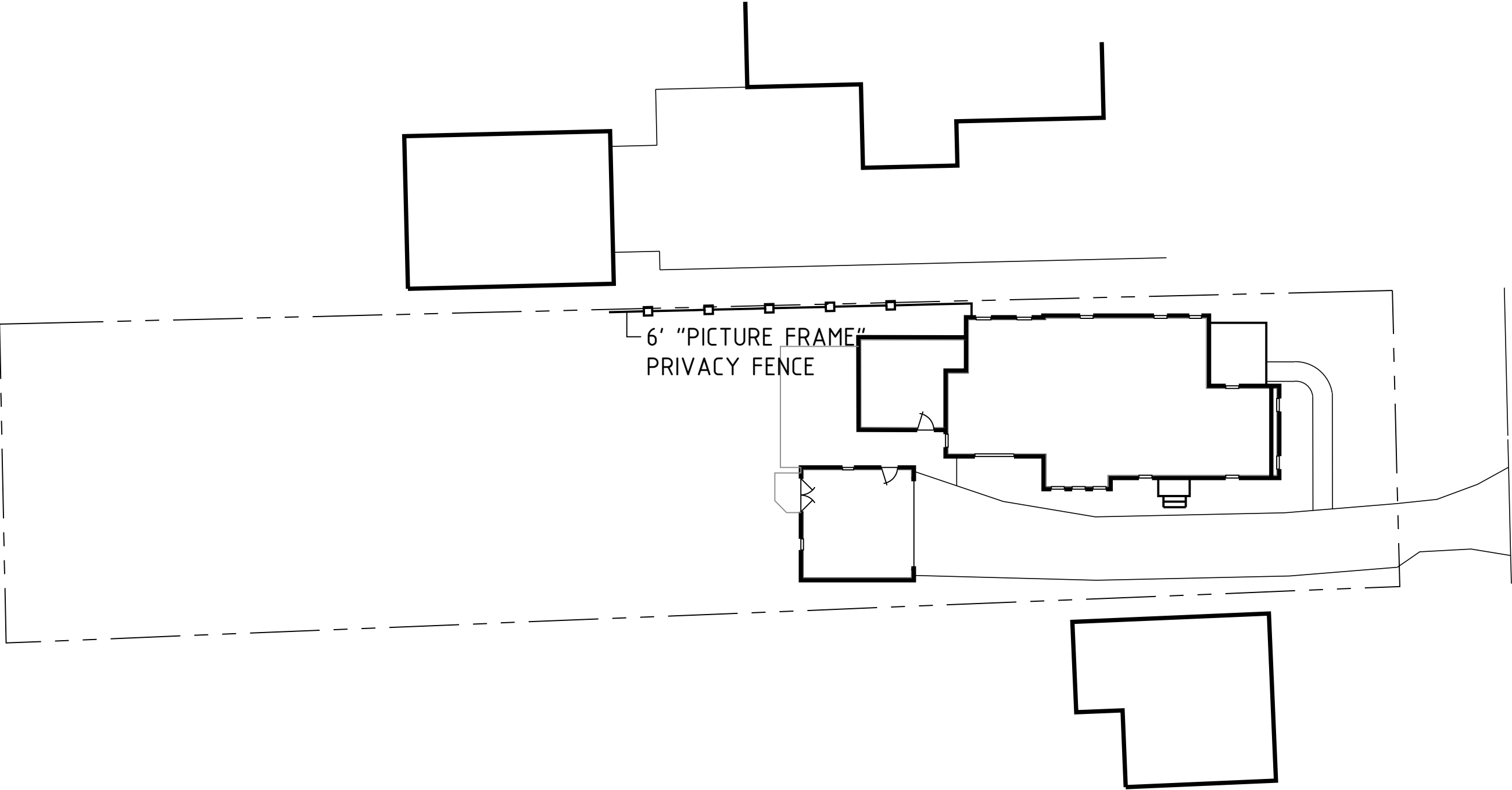
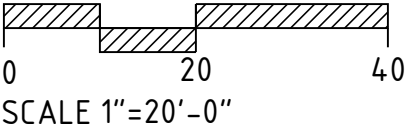
DRAWING NO. ARB 0047-2023

DATE 06/08/2023



This drawing is the original work of Greenscapes Landscape Company Inc. created specifically for this project. These drawings may not be disclosed, used or duplicated in any way without the written consent of Greenscapes Landscape Company Inc.

CITY OF WORTHINGTON
DRAWING NO. ARB 0047-2023
DATE 06/08/2023



NO.	REVISIONS:	BY

JOB NO:
DATE: 06.07.2023
SHEET:

L-2

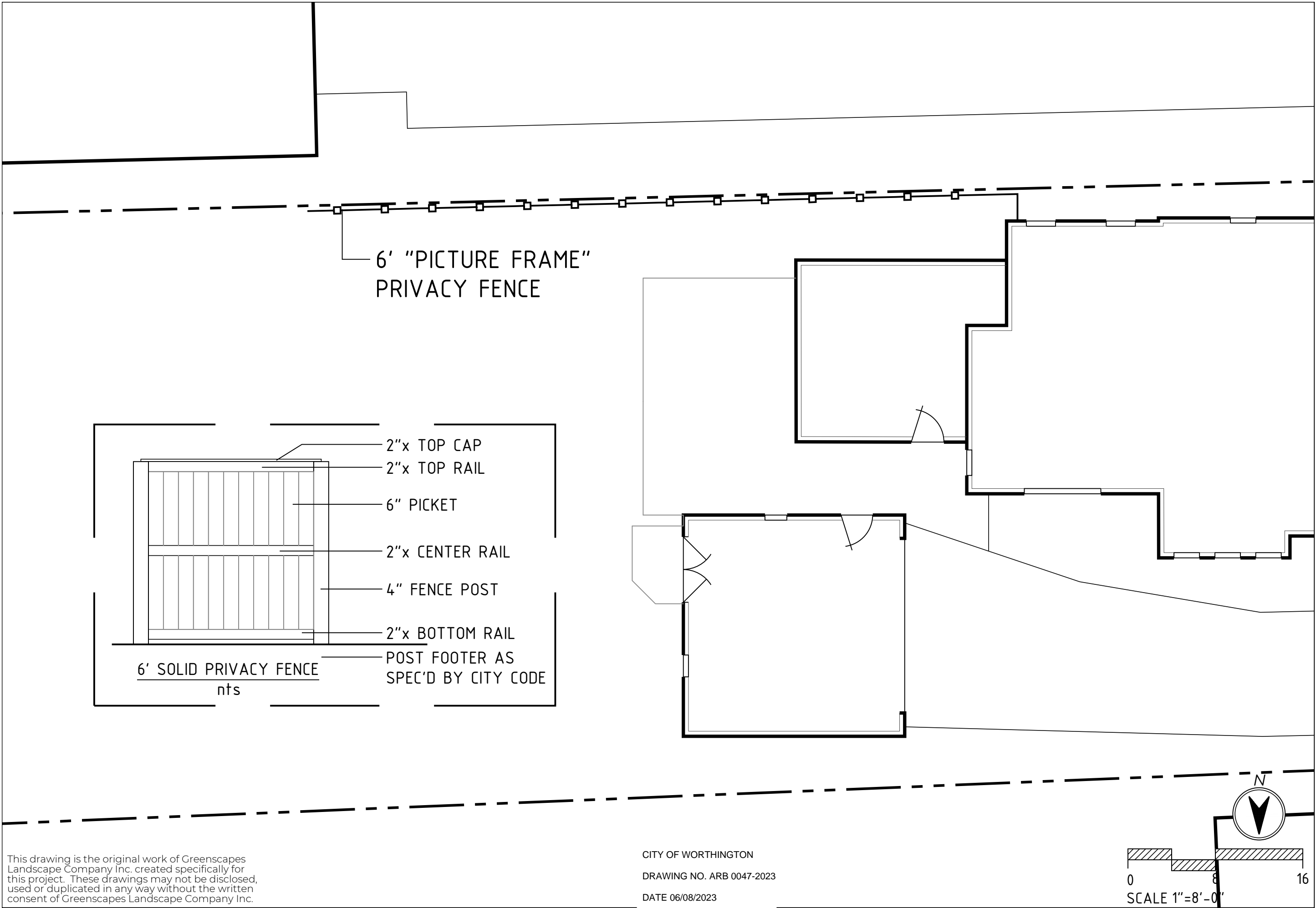
OF 2

Van Fossen / Drabant

872 OXFORD STREET
WORTHINGTON, OHIO

FENCE

MA



This drawing is the original work of Greenscapes Landscape Company Inc. created specifically for this project. These drawings may not be disclosed, used or duplicated in any way without the written consent of Greenscapes Landscape Company Inc.

CITY OF WORTHINGTON
DRAWING NO. ARB 0047-2023
DATE 06/08/2023



Greenscapes Landscape Co.
Landscape Architects & Contractors
4220 Winchester Pike - Columbus, Ohio 43232
(614) 837-1869 - greenscapes.net
"Excellence By Design"

Van Fossen / Drabant
872 OXFORD STREET
WORTHINGTON, OHIO

FENCE

MA

NO.	REVISIONS:	BY:

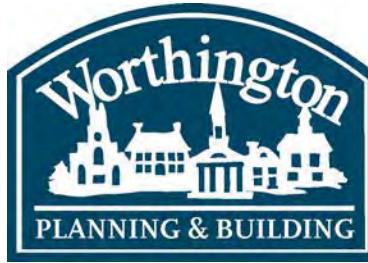
JOB NO:

DATE: 06.07.2023

SHEET:

L-1

OF 2



MPC APPLICATION CU 03-2023 1000 High St.

Plan Type: Conditional Use Permit	Project:	App Date: 05/31/2023
Work Class: Conditional Use Permit	District: City of Worthington	Exp Date:
Status: In Review		Completed:
Valuation: \$0.00		Approval
		Expire Date:

Description: Body Intuit will be located at 1000 N. High St., Suite I in Worthington. This small business should not have much effect on traffic or sewerage and drainage facilities.
The space will be quiet and maintain high quality safety and health considerations. We won't be using any hazardous substances.
Body Intuit Pilates will be a beautiful and welcoming space that offers the community of Worthington high quality Pilates training. We will require electric, water, and gas for typical use.
There will be one to three employees and typically there will be one to three students in the space at a time. During group community classes the space would hold up to eight students.

Parcel: 100-000267	Main	Address: 1000 High St	Main	Zone: C-3(Institutions and Offices)
		Worthington, OH 43085		

Applicant	Owner
Anna Sullivan	High-Wilson LLC
3095 Bremen St.	James Pardi
Columbus, OH 43224	1000 HIGH ST
Business: 4158139295	Worthington , OH 43085
Mobile: (415) 813-9295	Business: 6142212580

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00004015	Conditional Use Permit	\$25.00	\$25.00
		Total for Invoice INV-00004015	\$25.00
		Grand Total for Plan	\$25.00

Phillips, Don

From: Anna Vira <annavirayoga@gmail.com>
Sent: Tuesday, May 30, 2023 12:30 PM
To: svc.CSSSMTP@tylerhost.net
Cc: Phillips, Don
Subject: [EXTERNAL] Re: Permit BLDC2023-0065 - 1000 High St. Suite I

Personal services use. Requires a
Conditional Use Permit from the
Municipal Planning Commission.
1147.01



This message is from an external source. **Please exercise caution** when opening attachments or opening web links from external senders, especially if the message is unsolicited or unexpected. If you feel this may be a phishing attempt, please use the **Phish Alert button** or reach out to helpdesk@worthington.org for assistance.

Hello. Thank you for your email. Yes please add the fire extinguisher into the plan for me. Below is the info I have written explaining the intention with my business. Please let me know if you have any other questions.

Business use:

Body Intuit is a Pilates and Wellness studio that will offer equipment based Pilates, as well as other wellness modalities such as yoga, meditation, and holistic nutrition. This wellness space will be open to all with an emphasis on helping women to deepen their mind-body connection, reduce stress, increase longevity, and boost self love and confidence.

So many women are struggling with stress related conditions, and doctors are increasingly recommending Pilates as an answer because it is safe and gentle on the body while offering a long list of benefits. My teaching style falls right in line with what many of these women are seeking due to seventeen years of experience and my calm and grounding approach.

As a seasoned professional in the field of Pilates, as well as yoga and nutrition, I have witnessed my clients find a deeper connection with their body and in turn improve their quality of life. Furthermore, I use my intuition to create programs for my clients that are tailored to their specific needs. Looking deep into this has inspired me to step away from teaching at other studios and take the leap to open my own space called Body Intuit.

Body Intuit will offer high quality private and semi-private training in equipment based Pilates as well as small group mat classes, workshops and teacher training programs. Additionally, I will offer nutritional coaching for those seeking to improve digestion, get rid of unwanted weight, and balance hormones. The environment will be designed to feel calm and balanced to inspire students to improve their overall health and wellness.

Hours of operation would vary per day but would always be between the time frame of 9 am -7 pm. In the event where I would hire another teacher, sessions could begin earlier like 7 or 8 am. The studio focuses on private sessions but will also offer equipment classes for up to 3 students.

There may also be a few group mat classes on the schedule that would host up to 8 students. Group mat classes (for up to 8) is not a main focus of this studio and we can always work around the hours of other tenants in the building. I see only a few of the mat classes happening per week. Also if parking is an issue I can always request that students park on the side street.

During the hours of 9-5 there would be anywhere from 2-4 people in the space. On some evenings and Saturday morning there will be small classes held and in that event there could be up to 9 people in the space.

On Tue, May 30, 2023 at 8:31 AM <svc.CSSSMTP@tylerhost.net> wrote:

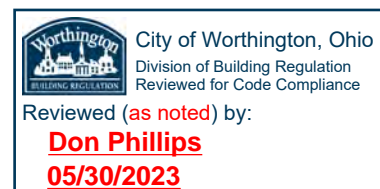
Ms. Sullivan,

CITY OF WORTHINGTON

DRAWING NO. CU 03-2023

DATE 05/31/2023

1



I am reviewing the application and floor plans at the above referenced property. [OBC Section 906](#) will require at least 1, minimum 2-A, fire extinguisher if centrally located within the suite. I can so mark that on the floor plans.

The critical missing information is the type of use of the space to verify compliance with the local zoning code, [1147.01](#). The property is zoned C-3. Please provide information on how the space will be used.

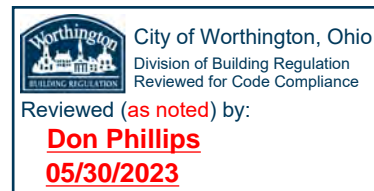
Thanks for your help.

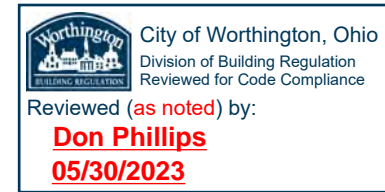
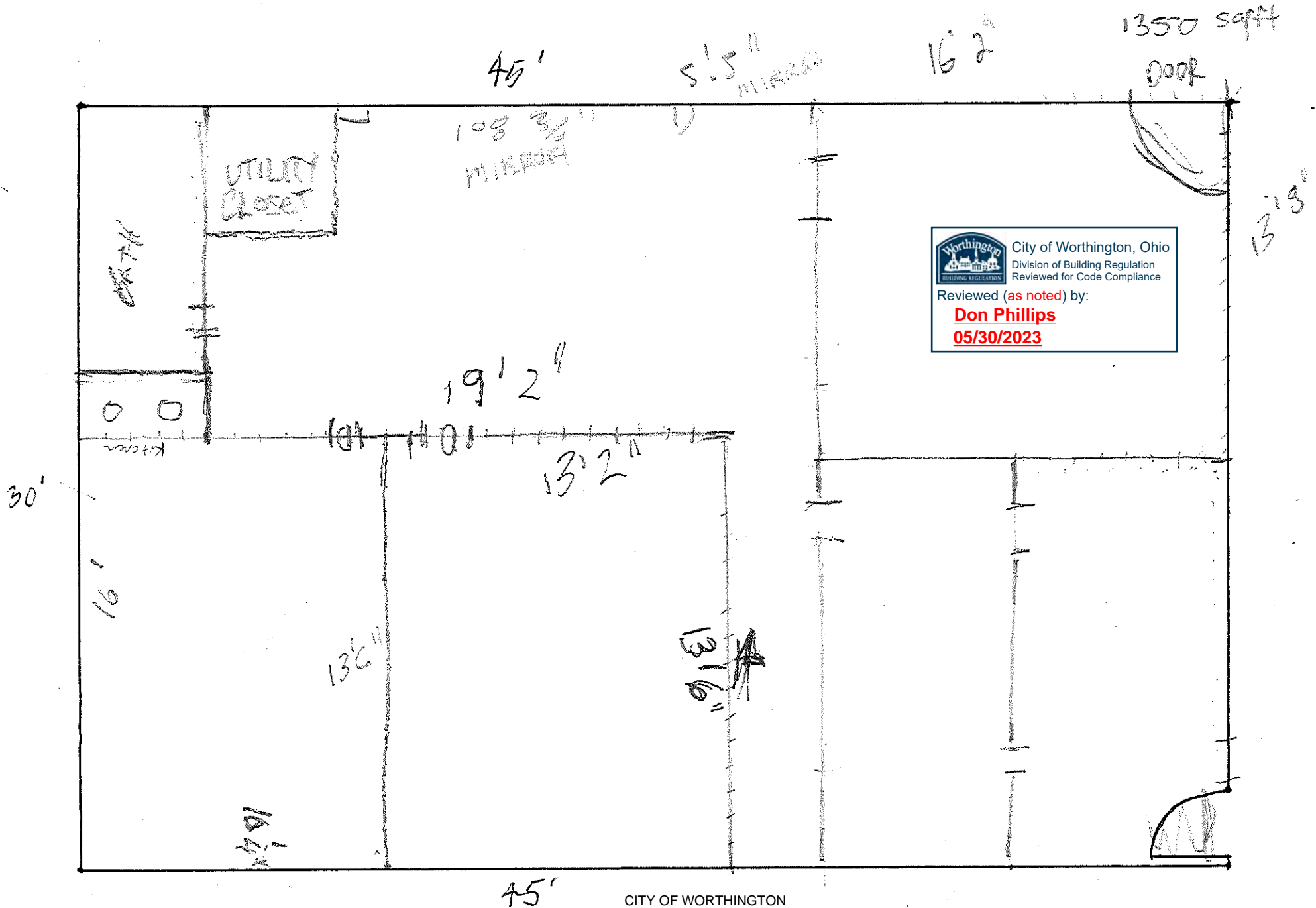
[Access your record online here](#)

This is a no-reply e-mail address. To contact us, please send an e-mail to don.phillips@worthington.org

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Anna Vira Sullivan
Pilates / Yoga / Nutrition
www.annavira.com
415-813-9295





CITY OF WORTHINGTON

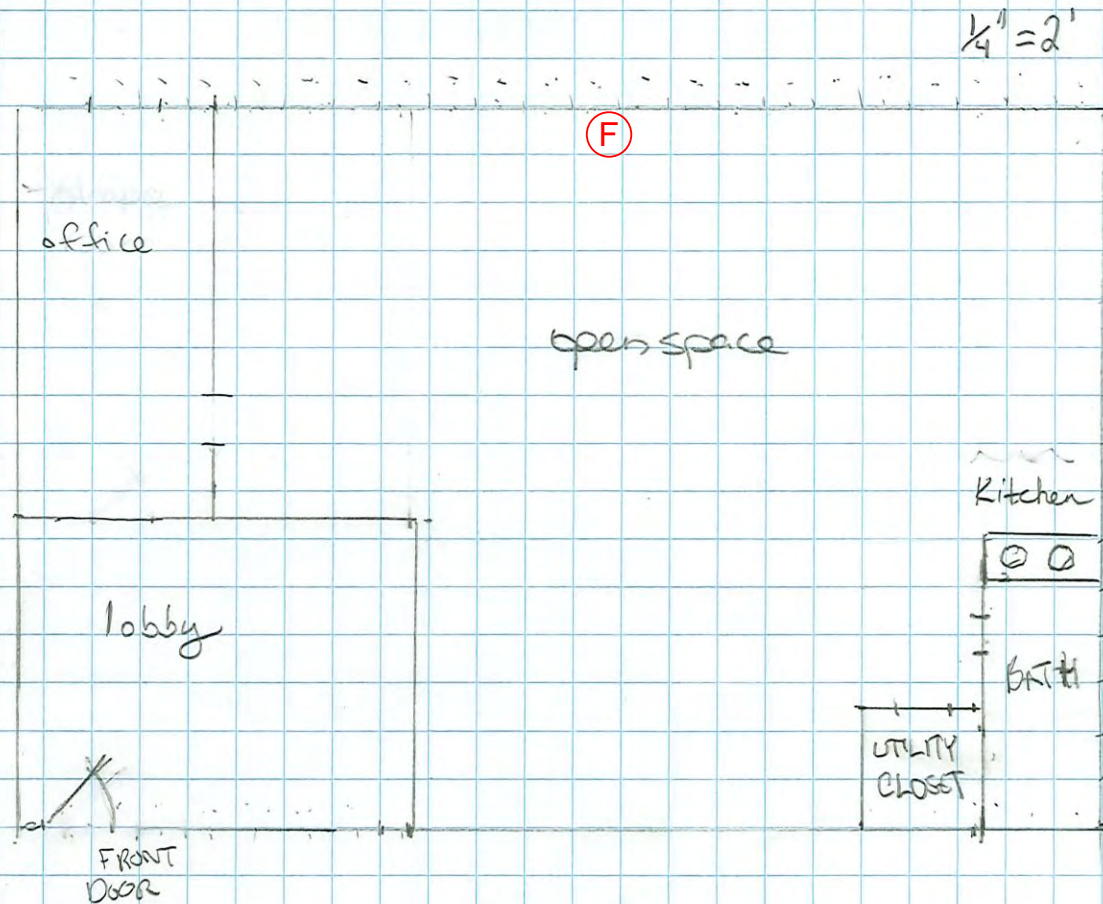
DRAWING NO. CU 03-2023

DATE 05/31/2023

TASKS

-) remove walls
-) patch ceiling
-) remove carpet
-) lay wood floor
-) paint walls

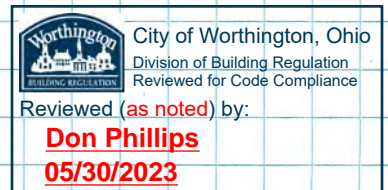
(F) Min. 2-A Fire Extinguisher,
Mounted As Required.
906.3.1, 906.5, 906.6,
906.9.1, 906.9.3



CITY OF WORTHINGTON

DRAWING NO. CU 03-2023

DATE 05/31/2023





MPC APPLICATION
ADP 06-2022
200 E. Wilson Bridge Rd.

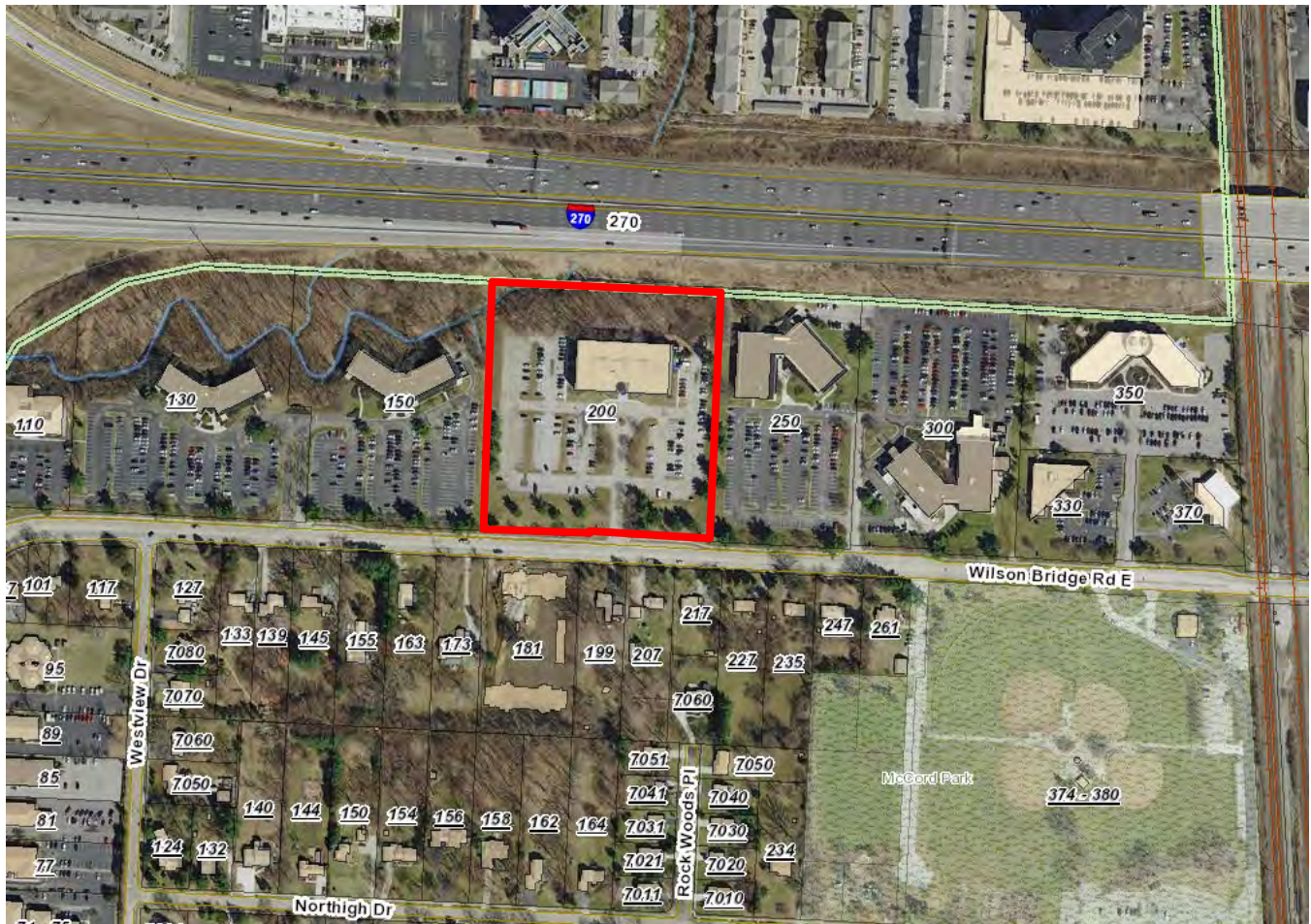
Plan Type: Wilson Bridge Corridor	Project:	App Date: 01/23/2023
Work Class: Modification	District: City of Worthington	Exp Date:
Status: In Review		Completed:
Valuation: \$0.00		Approval
Description: Exterior parking lot pole replacement		Expire Date:

Parcel: 100-005476	Main	Address: 200 E Wilson Bridge Rd	Main	Zone: C-3(Institutions and Offices)
		Worthington, OH 43085		

Applicant	Owner
Mandy Aldrich	Worthington Local School
4110 Demorest Rd.	District Bd of Education
Grove City, OH 43123	200 E WILSON BRIDGE RD
Business: 6148750104	Worthington , OH 43085

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00003329	Amendment to Development Plan	\$50.00	\$0.00
Total for Invoice INV-00003329		\$50.00	\$0.00
Grand Total for Plan		\$50.00	\$0.00

200 E. Wilson Bridge Rd.





D-Series DSXF3 LED Floodlight

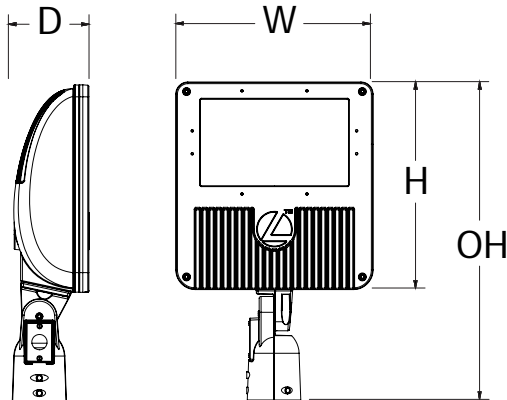


d#series

TYPE F1

Specifications

EPA @ 90°:	1.4 ft ² (0.13 m ²)
Depth:	4.89" (12.4 cm)
Width:	12.90" (32.8 cm)
Height:	13.58" (34.5 cm)
Overall Height:	20.80" (52.8 cm)
Weight:	21 lbs (9.5 kg)



Catalog
Number

Notes

Type

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

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 DSXF3 delivers 12,000 to 27,000 lumens, meeting a large breadth of illumination requirements for design and renovation when replacing 400W HID floodlights. All configurations are made in North America allowing for quick delivery.

Ordering Information

EXAMPLE: DSXF3 LED 6 P2 40K 70CRI FL MVOLT THK DDBXD

DSXF3 LED							
Series	Light Engines	Performance Package	Color Temperature	CRI	Distribution	Voltage	Mounting
DSXF3 LED	6 Six COB engines	P1 P2 P3 ¹ P4 ¹	30K 3000K 40K 4000K 50K 5000K	70CRI	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 ² 120 208 240	277 347 480 Shipped included IS Integral slipfitter (fits 2-3/8" O.D. tenon) YKC62 Yoke with 2ft, 16-3 SO cord THK Knuckle with 3/4" NPT threaded pipe

Options	Finish (required)
Shipped installed PE Photocontrol, button style ³ PEX Photocontrol external, swivel ⁴ PER7 Seven-wire receptacle only (controls ordered separate) ^{5,6} DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately)	Shipped separately⁷ UBV Upper/bottom visor (universal) FV Full visor VG Vandal guard WG Wire guard DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White

CITY OF WORTHINGTON

DRAWING NO. ADP 06-2022

DATE 06/15/2023



One Lithonia Way • Conyers, Georgia 30012 • Phone: 800-705-SERV (7378) • www.lithonia.com
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DSXF3-LED
Rev. 11/21/22
Page 1 of 6

VIPER Area/Site

VIPER LUMINAIRE

TYPE PL1

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

MICROSTRIKE | STRIKE OPTICS

FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring two different optical technologies, Strike and Micro Strike Optics, which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, wiSCAPE and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped



CONTROL TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS

- Micro Strike Optics (160, 320, 480, or 720 LED counts) maximize uniformity in applications and come standard with mid-power LEDs which evenly illuminate the entire luminous surface area to provide a low glare appearance. Catalog logic found on page 2
- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 3
- Both optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION

- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included

INSTALLATION (CONTINUED)

- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater than 20ft, a vibration damper is recommended

ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40°C to 40°C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

CONTROLS

- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)

CONTROLS (CONTINUED)

- 0-10V Dimming Drivers are standard and dimming leads are extended out of the luminaire unless control options require connection to the dimming leads. Must specify if wiring leads are to be greater than the 6" standard
- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- wiSCAPE® available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with both Premium and Standard Qualified configurations. Please refer to the DLC website for specific product qualifications at <http://www.designlights.org>
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 04/23/2020.

WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	5,000–80,000
Wattage Range	36–600
Efficacy Range (LPW)	92–155
Weight lbs. (kg)	13.7-30.9 (6.2-13.9)

VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE OPTICS – ORDERING GUIDE

Example: VP-2-320L-145-3K7-2-R-UNV-A3-BLT

CATALOG #

VP								
Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage	
VP Viper	Micro Strike	1 Size 1	160L-35 ⁶ 5500 lumens 160L-50 ⁶ 7500 lumens 160L-75 10000 lumens 160L-100 12500 lumens 160L-115 15000 lumens 160L-135 18000 lumens 160L-160 21000 lumens 320L-145 21000 lumens 320L-170 24000 lumens 320L-185 27000 lumens 320L-210 30000 lumens 320L-235 33000 lumens 320L-255 36000 lumens 320L-315 ⁶ 40000 lumens 480L-285 40000 lumens 480L-320 44000 lumens 480L-340 48000 lumens 480L-390 52000 lumens 480L-425 55000 lumens 480L-470 60000 lumens 720L-435 60000 lumens 720L-475 65000 lumens 720L-515 70000 lumens 720L-565 ⁶ 75000 lumens 720L-600 ⁶ 80000 lumens CLO Custom Lumen Output ¹	AP AP-Amber Phosphor Converted 27K8 2700K, 80 CRI 3K7 3000K, 70 CRI 3K8 3000K, 80 CRI 35K8 3500K, 80 CRI 3K9 3000K, 90 CRI 4K7 4000K, 70 CRI 4K8 4000K, 80 CRI 4K9 4000K, 90 CRI 5K7 5000K, 70 CRI 5K8 5000K, 80 CRI	2 Type 2 3 Type 3 4F Type 4 Forward 4W Type 4 Wide 5QW Type 5 Square Wide	BLANK No Rotation L Optic rotation left R Optic rotation right	UNV 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V 480 480V	
		2 Size 2						
		3 Size 3						
		4 Size 4						

Mounting	Color	Options	Network Control Options
A Arm mount for square pole/flat surface (B3 Drill Pattern) (Does not include round pole adapter) A_ Arm mount for round pole ² ASQU Universal arm mount for square pole. Can be used with B3 or S2 Drill Pattern A_U Universal arm mount for round pole ² AAU Adjustable arm for pole mounting (universal drill pattern) AA_U Adjustable arm mount for round pole ² ADU Decorative upswept Arm (universal drill pattern) AD_U Decorative upswept arm mount for round pole ² MAF Mast arm fitter for 2-3/8" OD horizontal arm K Knuckle T Trunnion WB Wall Bracket, horizontal tenon with MAF WM Wall mount bracket with decorative upswept arm WA Wall mount bracket with adjustable arm	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGS Light Grey Gloss Smooth LGT Light Grey Gloss Textured PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGT Verde Green Textured Color Option CC Custom Color	F Fusing 2PF Dual Power Feed 2DR Dual Driver TE Toolless Entry BC Backlight Control ⁸ TB Terminal Block	NXWS16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,3,4} NXWS40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,3,4} NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{3,4} WIR wiSCAPE® In-Fixture Module ^{3,4} WIRSC wiSCAPE® Module and Occupancy Sensor ^{3,4} Stand Alone Sensors BTS-14F Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens BTS-40F Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens BTSO-12F Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens 7PR 7-Pin Receptacle ⁴ 7PR-SC 7-Pin Receptacle with shorting cap ⁴ 3PR 3-Pin twist lock ⁴ 3PR-SC 3-Pin receptacle with shorting cap ⁴ 3PR-TL 3-Pin PCR with photocontrol ⁴ Programmed Controls ADD AutoDim Timer Based Dimming ⁴ ADT AutoDim Time of Day Dimming ⁴ Photocontrols PC Button Photocontrol ^{4,7}

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information

2 – Replace “_” with “2” for 2.5”-3.4” OD pole, “3” for 3.5”-4.13” OD pole, “4” for 4.18”-5.25” OD pole, “5” for 5.5”-6.5” OD pole

3 – Networked Controls cannot be combined with other control options

4 – Not available with 2PF option

5 – Not available with Dual Driver option

6 – Some voltage restrictions may apply when combined with controls

7 – Not available with 480V

8 – BC not available on 4F and type 5 distributions

CITY OF WORTHINGTON

DRAWING NO. ADP 06-2022

DATE 06/15/2023

VIPER Area/Site

VIPER LUMINAIRE

TYPE PL2

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

MICROSTRIKE | **STRIKE** OPTICS

FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring two different optical technologies, Strike and Micro Strike Optics, which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, wiSCAPE and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped



CONTROL TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS

- Micro Strike Optics (160, 320, 480, or 720 LED counts) maximize uniformity in applications and come standard with mid-power LEDs which evenly illuminate the entire luminous surface area to provide a low glare appearance. Catalog logic found on page 2
- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 3
- Both optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION

- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included

INSTALLATION (CONTINUED)

- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater than 20ft, a vibration damper is recommended

ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40°C to 40°C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

CONTROLS

- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)

CONTROLS (CONTINUED)

- 0-10V Dimming Drivers are standard and dimming leads are extended out of the luminaire unless control options require connection to the dimming leads. Must specify if wiring leads are to be greater than the 6" standard
- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- wiSCAPE® available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with both Premium and Standard Qualified configurations. Please refer to the DLC website for specific product qualifications at <http://www.designlights.org>
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 04/23/2020.

WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	5,000–80,000
Wattage Range	36–600
Efficacy Range (LPW)	92–155
Weight lbs. (kg)	13.7-30.9 (6.2-13.9)

VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE OPTICS – ORDERING GUIDE

Example: VP-2-320L-145-3K7-2-R-UNV-A3-BLT

CATALOG #

VP	Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
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CITY OF WORTHINGTON

DRAWING NO. ADP 06-2022

DATE 06/15/2023

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VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE OPTICS – ORDERING GUIDE

Example: VP-2-320L-145-3K7-2-R-UNV-A3-BLT

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		2 Size 2					
		3 Size 3					
		4 Size 4					

Mounting	Color	Options	Network Control Options
A Arm mount for square pole/flat surface (B3 Drill Pattern) (Does not include round pole adapter) A_ Arm mount for round pole ² ASQU Universal arm mount for square pole. Can be used with B3 or S2 Drill Pattern A_U Universal arm mount for round pole ² AAU Adjustable arm for pole mounting (universal drill pattern) AA_U Adjustable arm mount for round pole ² ADU Decorative upswept Arm (universal drill pattern) AD_U Decorative upswept arm mount for round pole ² MAF Mast arm fitter for 2-3/8" OD horizontal arm K Knuckle T Trunnion WB Wall Bracket, horizontal tenon with MAF WM Wall mount bracket with decorative upswept arm WA Wall mount bracket with adjustable arm	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGS Light Grey Gloss Smooth LGT Light Grey Gloss Textured PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGT Verde Green Textured Color Option CC Custom Color	F Fusing 2PF Dual Power Feed 2DR Dual Driver TE Toolless Entry BC Backlight Control ⁸ TB Terminal Block	NXWS16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,3,4} NXWS40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,3,4} NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{3,4} WIR wiSCAPE® In-Fixture Module ^{3,4} WIRSC wiSCAPE® Module and Occupancy Sensor ^{3,4} Stand Alone Sensors BTS-14F Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens BTS-40F Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens BTSO-12F Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens 7PR 7-Pin Receptacle ⁴ 7PR-SC 7-Pin Receptacle with shorting cap ⁴ 3PR 3-Pin twist lock ⁴ 3PR-SC 3-Pin receptacle with shorting cap ⁴ 3PR-TL 3-Pin PCR with photocontrol ⁴ Programmed Controls ADD AutoDim Timer Based Dimming ⁴ ADT AutoDim Time of Day Dimming ⁴ Photocontrols PC Button Photocontrol ^{4,7}

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information

2 – Replace “_” with “2” for 2.5”-3.4” OD pole, “3” for 3.5”-4.13” OD pole, “4” for 4.18”-5.25” OD pole, “5” for 5.5”-6.5” OD pole

3 – Networked Controls cannot be combined with other control options

4 – Not available with 2PF option

5 – Not available with Dual Driver option

6 – Some voltage restrictions may apply when combined with controls

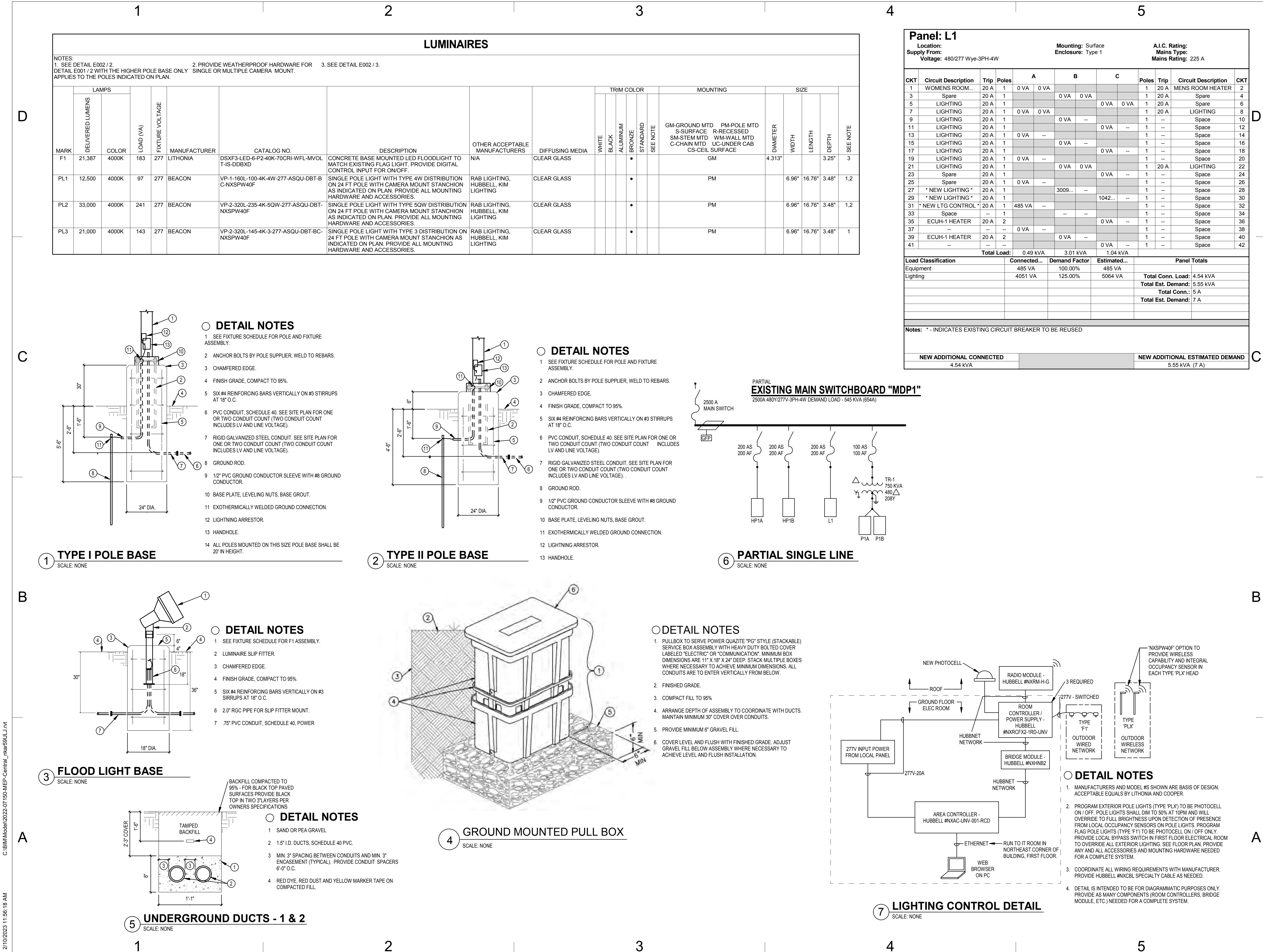
7 – Not available with 480V

8 – BC not available on 4F and type 5 distributions

CITY OF WORTHINGTON

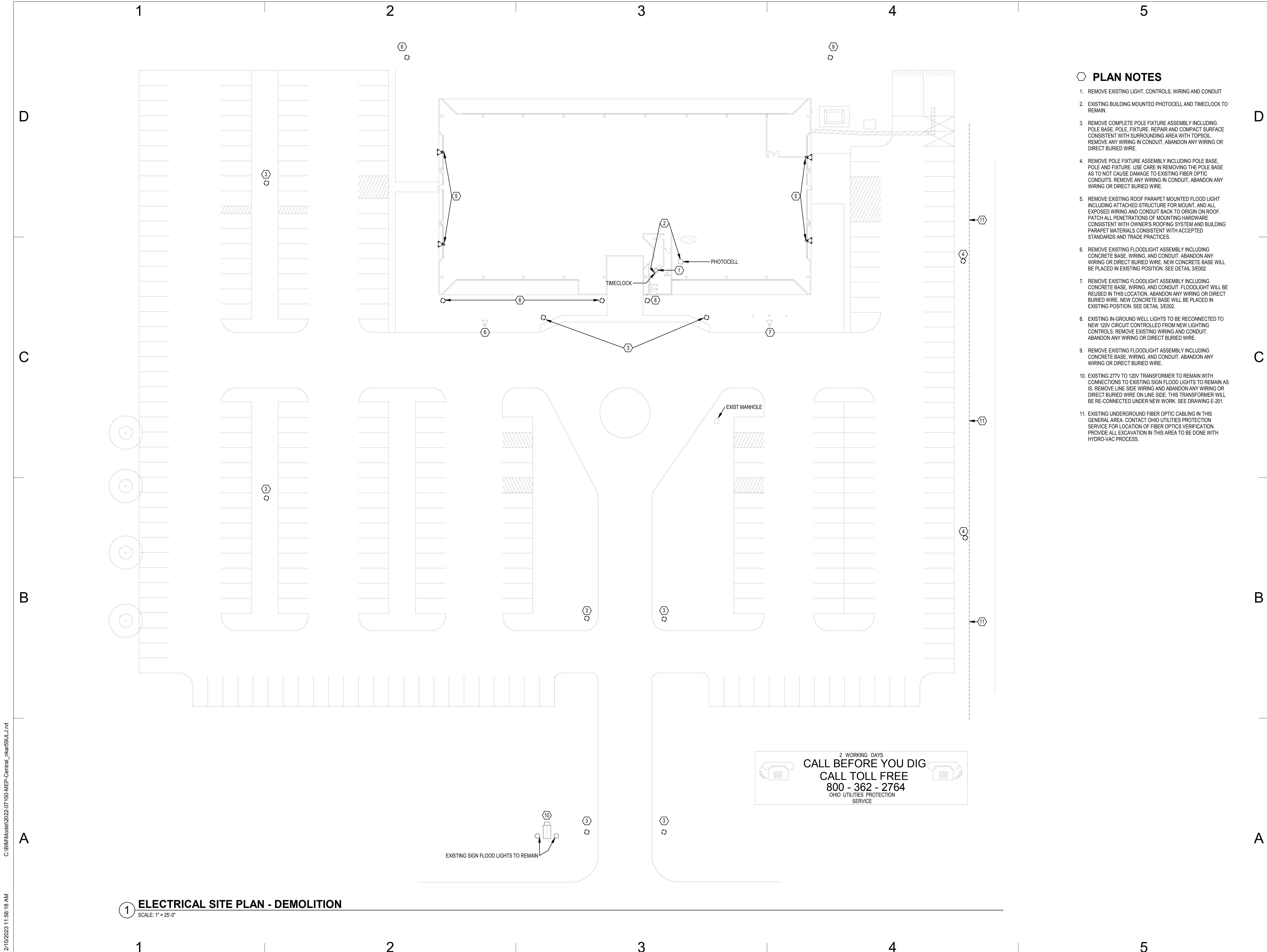
DRAWING NO. ADP 06-2022

DATE 06/15/2023



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1 ELECTRICAL SITE PLAN - DEMOLITION
SCALE: 1" = 25'-0"

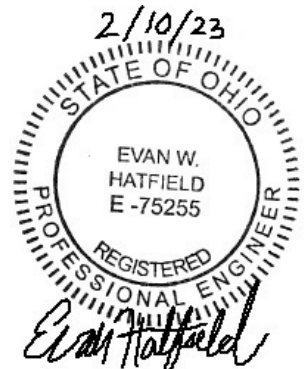
PLAN NOTES

1. REMOVE EXISTING LIGHT, CONTROLS, WIRING AND CONDUIT
2. EXISTING BUILDING MOUNTED PHOTOCELL AND TIMECLOCK TO REMAIN.
3. REMOVE COMPLETE POLE FIXTURE ASSEMBLY INCLUDING POLE BASE, POLE, FIXTURE, REPAIR AND COMPACT SURFACE CONSISTENT WITH SURROUNDING AREA WITH TOPSOIL. REMOVE ANY WIRING IN CONDUIT, ABANDON ANY WIRING OR DIRECT BURIED WIRE.
4. REMOVE POLE FIXTURE ASSEMBLY INCLUDING POLE BASE, POLE AND FIXTURE. USE CARE IN REMOVING THE POLE BASE AS TO NOT CAUSE DAMAGE TO EXISTING FIBER OPTIC CONDUITS. REMOVE ANY WIRING IN CONDUIT, ABANDON ANY WIRING OR DIRECT BURIED WIRE.
5. REMOVE EXISTING ROOF PARAPET MOUNTED FLOOD LIGHT INCLUDING ATTACHED STRUCTURE FOR MOUNT, AND ALL EXPOSED WIRING AND CONDUIT BACK TO ORIGIN ON ROOF. PATCH ALL PENETRATIONS OF MOUNTING HARDWARE CONSISTENT WITH OWNER'S ROOFING SYSTEM AND BUILDING PARAPET MATERIALS CONSISTENT WITH ACCEPTED STANDARDS AND TRADE PRACTICES.
6. REMOVE EXISTING FLOODLIGHT ASSEMBLY INCLUDING CONCRETE BASE, WIRING, AND CONDUIT. ABANDON ANY WIRING OR DIRECT BURIED WIRE. NEW CONCRETE BASE WILL BE PLACED IN EXISTING POSITION. SEE DETAIL 3E002.
7. REMOVE EXISTING FLOODLIGHT ASSEMBLY INCLUDING CONCRETE BASE, WIRING, AND CONDUIT. FLOODLIGHT WILL BE REUSED IN THIS LOCATION. ABANDON ANY WIRING OR DIRECT BURIED WIRE. NEW CONCRETE BASE WILL BE PLACED IN EXISTING POSITION. SEE DETAIL 3E002.
8. EXISTING IN-GROUND WELL LIGHTS TO BE RECONNECTED TO NEW 120V CIRCUIT CONTROLLED FROM NEW LIGHTING CONTROLS. REMOVE EXISTING WIRING AND CONDUIT. ABANDON ANY WIRING OR DIRECT BURIED WIRE.
9. REMOVE EXISTING FLOODLIGHT ASSEMBLY INCLUDING CONCRETE BASE, WIRING, AND CONDUIT. ABANDON ANY WIRING OR DIRECT BURIED WIRE.
10. EXISTING 277V TO 120V TRANSFORMER TO REMAIN WITH CONNECTIONS TO EXISTING SIGN FLOOD LIGHTS TO REMAIN AS IS. REMOVE LINE SIDE WIRING AND ABANDON ANY WIRING OR DIRECT BURIED WIRE ON LINE SIDE. THIS TRANSFORMER WILL BE RE-CONNECTED UNDER NEW WORK. SEE DRAWING E-201.
11. EXISTING UNDERGROUND FIBER OPTIC CABLE IN THIS GENERAL AREA. CONTACT OHIO UTILITIES PROTECTION SERVICE FOR LOCATION OF FIBER OPTICS VERIFICATION. PROVIDE ALL EXCAVATION IN THIS AREA TO BE DONE WITH HYDRO-VAC PROCESS.

CONSULTANTS

HEAPY

P: 937-224-0861 www.heapy.com
PROJECT NO. 2022-07150



Exterior Lighting

OWNER
**WORTHINGTON CITY SCHOOLS
WORTHINGTON
EDUCATION CENTER
200 EAST WILSON BRIDGE
ROAD, WORTHINGTON OH
43085**

CITY OF WORTHINGTON
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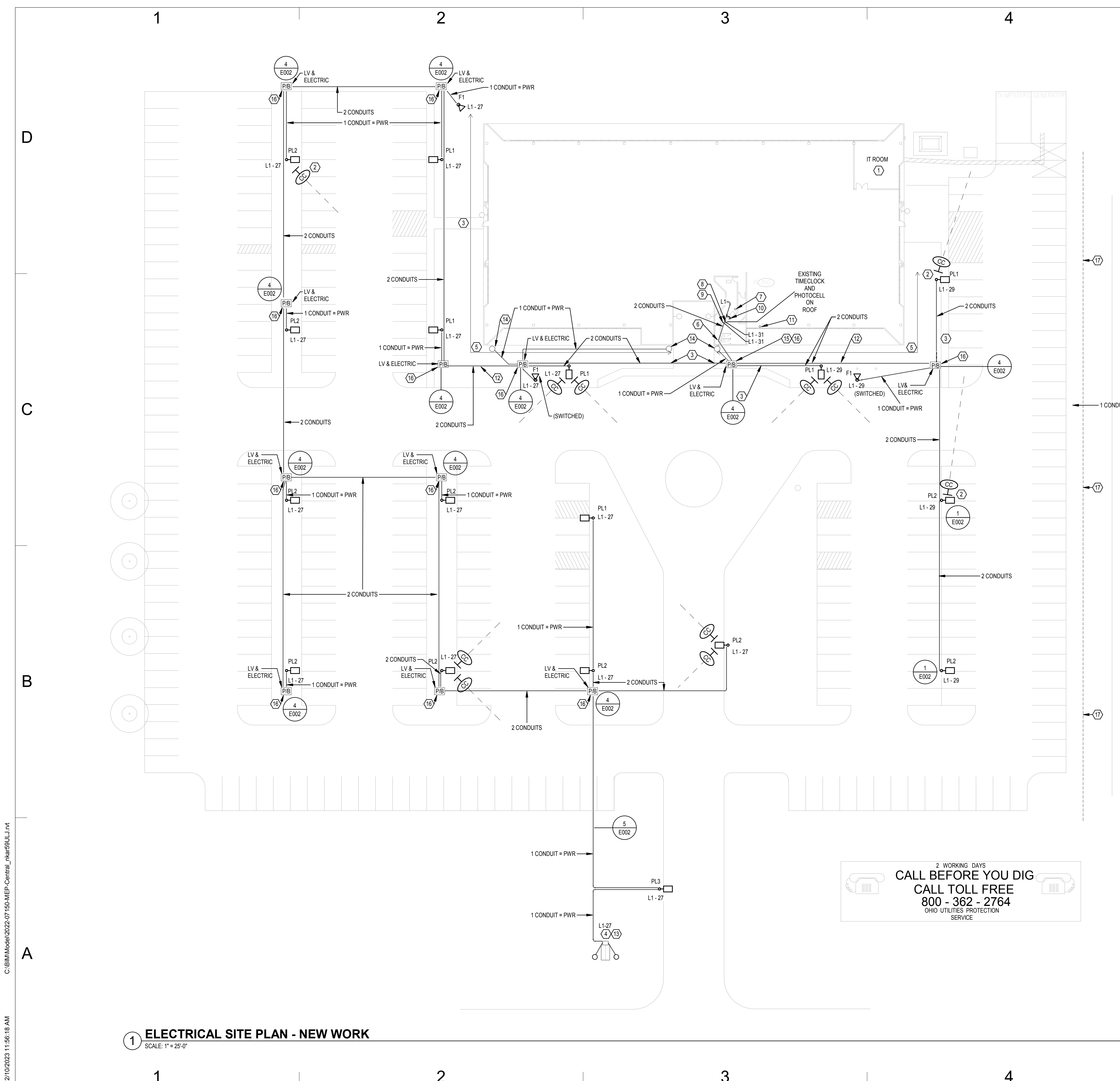
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SHEET TITLE
DEMOLITION PLAN

E101

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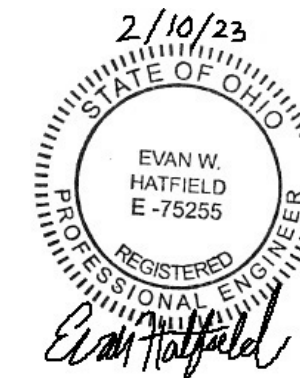
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PLAN NOTES

1. PROVIDE (2) STRAND SINGLE MODE FIBER OPTIC CABLE FROM THE BUILDING TECH ROOM IN THE LOWER LEVEL NORTHEAST CORNER TO EACH BOX FOR SITE CAMERAS. PROVIDE FIBER TO POE++MEDIA CONVERTER IN PULLBOX NEAREST THE CAMERA POLE. MEDIA CONVERTER SHALL ACCEPT DUPLEX LC FIBER OPTIC CONNECTORS AND SHALL INJECT POE++ ON RJ-45 CONNECTION TO CAMERA LOCATION. MEDIA CONVERTER SHALL ACCEPT STANDARD 120V POWER AT THIS LOCATION. PROVIDE A 120V CONNECTION AS REQUIRED BY THE MEDIA CONVERTER. MEDIA CONVERTER SHALL BE RATED FOR OUTDOOR OPERATION. CONTRACTOR SHALL SUBMIT PROPOSED MEDIA CONVERTER FOR OWNER AND ENGINEER APPROVAL. PROVIDE MEDIA CONVERTERS TO PROVIDE (1) RJ-45 PORT PER SITE CAMERA. INCLUDE ALL WORK AS PART OF ELECTRICAL ALTERNATE E-1.
2. CAMERA POLE WITH STANICON MOUNT PERPENDICULAR TO LIGHTING FIXTURES. INCLUDE AS PART OF ELECTRICAL ALTERNATE E-1.
3. CONCRETE PAVING AND SIDEWALKS SHALL NOT BE CUT. ALL CONCRETE SURFACES SHALL BE PROTECTED AND CONDUIT NEEDED FOR FEEDS TO THE POLES AND CONTROL SHALL BE PUSHED BELOW THESE SURFACES.
4. EXISTING 277V TO 120V TRANSFORMER TO REMAIN WITH CONNECTIONS TO EXISTING SIGN FLOOD LIGHTS TO REMAIN AS IS. REMOVE LINE SIDE WIRING AND ABANDON ANY WIRING OR DIRECT BURIED WIRE ON LINE SIDE. THIS TRANSFORMER WILL BE RE-CONNECTED UNDER NEW WORK. SEE DRAWING E-201. PROVIDE NEW FUSIBLE DISC. SWITCH FUSED AT 20A.
5. IRRIGATION PIPING IN THIS AREA. REPAIR PIPING AS REQUIRED BY OWNER'S IRRIGATION SYSTEM CONTRACTOR FOR ANY DAMAGE CAUSED BY EXCAVATION FOR DUCTBANK INSTALLATION.
6. DROP SITE LIGHTING 277V CIRCUITS (4-#6 & 1-#6 GRD) ON INSIDE OF BUILDING EXTERIOR WALL AND TURN OUT THROUGH CORE DRILLED HOLE WITH WP LB FITTING TO BELOW GRADE FOR CONTINUATION TO IN GRADE PULL BOX AND POLE LIGHTS.
7. POSITION OF EXTERIOR LIGHTING CONTROL PANEL MOUNTED NEXT TO EXISTING 120/208V PANEL "P1A". CONNECT POWER INPUT TO CONTROL PANEL FROM SPARE 20A/1P CIRCUIT BREAKER IN PANEL "P1A". MOUNT TOGGLE SWITCH FOR MANUAL BY-PASS OF EXTERIOR LIGHTING CONTROLS AND LABEL "EXTERIOR LIGHTING MANUAL BY-PASS". RUN 3/4" CONDUIT VERTICALLY TO ROOF THROUGH STACKED ELECTRICAL ROOMS ON SECOND AND THIRD FLOORS. PROVIDE A ROOF PENETRATION IN CONFORMANCE WITH OWNER'S ROOFING CONTRACTOR. TO ROOF PARAPET MOUNTED TRANSMITTER TO POLE LIGHTS FOR "ON-OFF" VIA NEW PHOTO CELL AND 50% LIGHTING REDUCTION BY NEW PROGRAMMABLE TIME SETTING (SET FOR 10:00 PM). TEST AT NIGHT FOR CONFIRMATION OF CORRECT OPERATION. PROVIDE CORROSION PROOF MOUNTING HARDWARE REQUIRED FOR SECURE MOUNTING.
8. PROVIDE LIGHTING CONTROL PANEL WITH REMOTE DIAGNOSTICS AND MANAGEMENT CAPABILITY. INPUT VOLTAGE TO BE 277V. SEE DETAIL #7 ON SHEET E002 FOR MANUFACTURER, MODEL # AND OTHER REQUIRED COMPONENTS.
9. PROVIDE ROOM CONTROLLER / POWER SUPPLY. INPUT VOLTAGE TO BE 277V. SEE DETAIL #7 ON SHEET E002 FOR MANUFACTURER AND MODEL # AND OTHER REQUIRED COMPONENTS.
10. PROVIDE SINGLE POLE 277V BYPASS SWITCH TO OVERRIDE ALL EXTERIOR LIGHTS ON / OFF.
11. PROVIDE RADIO MODULE MOUNTED ON ROOF. PROVIDE ETHERNET CABLING IN 1.25" C. FROM ROOM CONTROLLER IN FIRST FLOOR ELEC ROOM TO RADIO MODULE ON ROOF. MODULE TO HAVE 300' RANGE TO FIRST POLE LIGHT. SEE DETAIL #7 ON SHEET E002 FOR MANUFACTURER AND MODEL # AND OTHER REQUIRED COMPONENTS. COORDINATE MOUNTING OF EQUIPMENT WITH OWNER PRIOR TO ROUGH-IN.
12. DUCT BANK - SEE DETAIL 5E002.
13. PROVIDE TORK PHOTO CELL RATED FOR 120V AND CONNECT TO OUTPUT OF TRANSFORMER. PROVIDE NEMA 3R JUNCTION BOX FOR FEED TO SIGN FLOOD LIGHTS FROM PHOTO CELL.
14. EXISTING WELL LIGHT TO BE REUSED. ATTACH NEW 0.75" SCHEDULE 40 PVC CONDUIT TO FIXTURE AND ROUTE TO NEW PULLBOX. RUN 2-#10 & 1-#10 GRD (120V) TO EXISTING SPARE 20A/1P CIRCUIT BREAKER IN EXISTING 120/208V PANELBOARD IN ELECTRICAL CLOSET. CONNECT LIGHTING CIRCUIT TO NEW LIGHTING CONTROL FOR PHOTO ON - PHOTO OFF CONTROL.
15. EXTEND A DEDICATED 120V-20A CIRCUIT FROM EXISTING 120/208V PANELBOARD WITH 2-#6 & 1-#10 GRD TO ALL INGROUND PULLBOXES FOR CAMERA POE INJECTORS AS PART OF ELECTRICAL ALTERNATE E-1.
16. PROVIDE BARRIER IN PULLBOX FOR CAMERA SIGNAL CABLE AND POWER WIRING. BARRIER SHALL BE THE SAME MATERIAL AS PULLBOX ENCLOSURE. ENSURE BARRIER SEPERATES LINE VOLTAGE WIRING FROM SIGNAL WIRING.
17. EXISTING UNDERGROUND FIBER OPTIC CABLING IN THIS GENERAL AREA. CONTACT OHIO UTILITIES PROTECTION SERVICE FOR LOCATION OF FIBER OPTICS VERIFICATION. PROVIDE ALL EXCAVATION IN THIS AREA TO BE DONE WITH HYDRO-VAC PROCESS.

CONSULTANTS



Exterior Lighting

OWNER

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43085**

CITY OF WORTHINGTON
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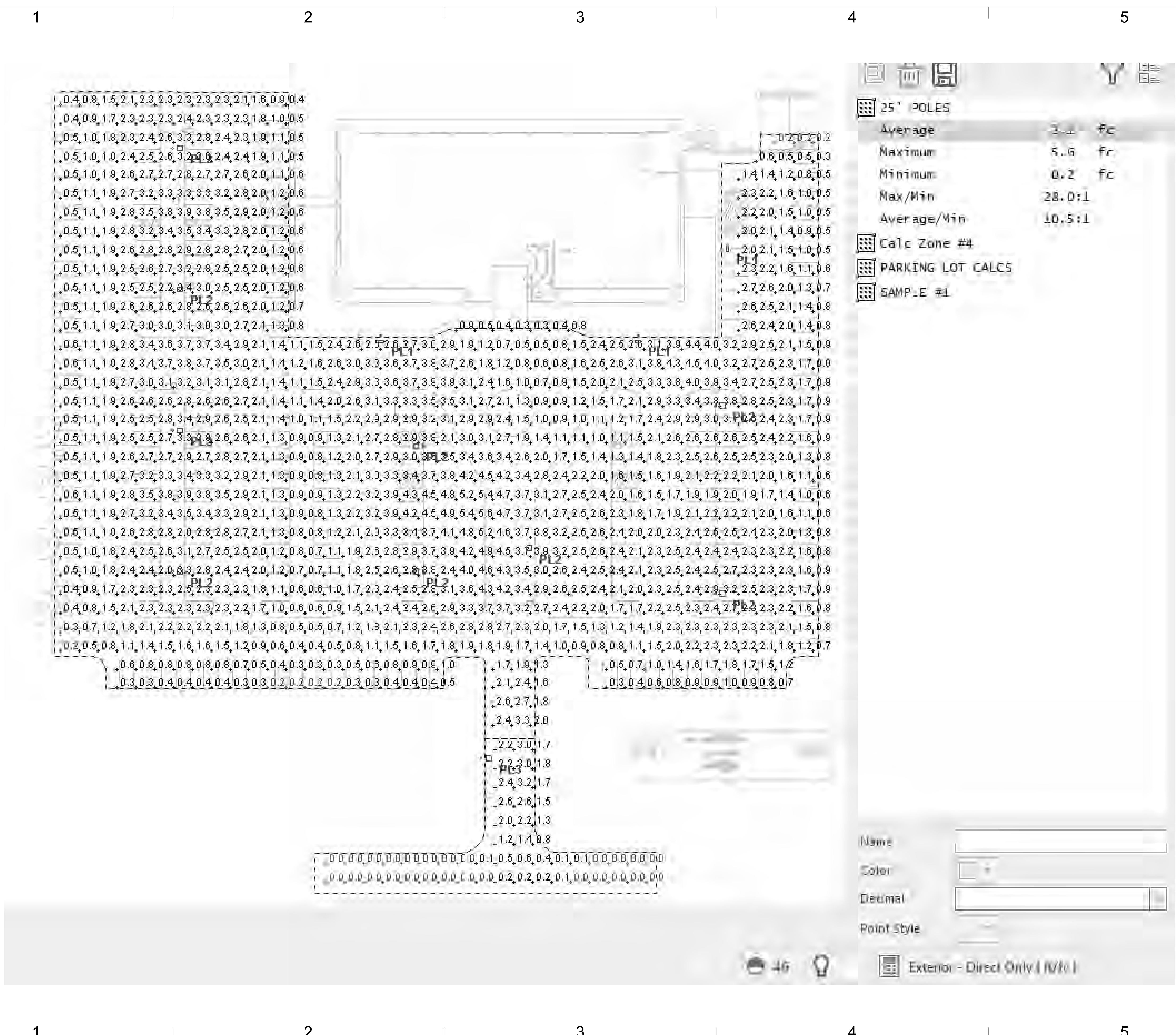
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SHEET TITLE

LIGHTING PLAN

E201

1 ELECTRICAL SITE PLAN - NEW WORK
SCALE: 1" = 25'-0"

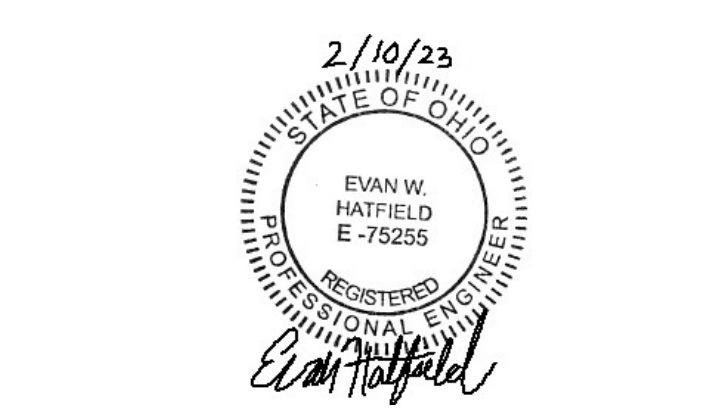


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LIGHTING CALCULATIONS

E202