



DEVELOPMENT PLAN APPLICATION SUMMARY



File Number	DP-25-12
Property Address	1201 CHERRY BOTTOM RD GAHANNA, OH 43230
Parcel ID	025-004304
Zoning District	CON - Conservation
Project/Business Name	Academy Park
Applicant	John Witkowski
Description of the Request	Demolish and remove existing shelter building and playground. Improve existing parking lot drainage and resurface. Install new shelter building, playground, storm water facility and expand the parking to provide additional spaces



AUTHORIZATION CONSENT FORM

If you are filling out more than one application for the same project & address, you may submit a copy of this form with each additional application.

As the owner or acting agent for the subject property, I have reviewed the application and hereby authorize the listed applicant to make decisions that may affect my property as it pertains to this application.

**Laurie A
Jadwin**

Digitally signed by Laurie A Jadwin
DN: cn=Laurie A Jadwin, c=US,
o=City of Gahanna,
email=Laurie.Jadwin@gahanna.gov
Date: 2026.02.25 14:58:49 -05'00'

(property owner/acting agent signature)

(printed name)

(date)

**John
Witkowski**

Digitally signed by
John Witkowski
Date: 2026.02.26
09:31:17 -05'00'

(applicant signature)

(printed name)

(date)

JEFFERY D &
DEBORAH D MITCHELL
369 COLDWELL CT
PID:025-007475
ACRES: 0.18

RYAN S &
STEPHANIE E WENDLER
363 COLDWELL CT
PID: 025-007474
ACRES: 0.18

EMILY QUESINBERRY &
ANDREW B BURNS
357 COLDWELL CT
PID:025-007473
ACRES: 0.17

SALLY H EASTERLING
351 COLDWELL CT
PID:025-007472
ACRES: 0.18

RAVEN PROPERTIES LTD
349 COLDWELL DR
PID: 025-007471
ACRES: 0.19

RAYMOND R JR WELLMER
341 COLDWELL DR
PID:025-007470
ACRES: 0.17

ALLA GAVRILOV
335 COLDWELL DR
PID: 025-007469
ACRES: 0.17

ANTHONY NUNNELY
329 COLDWELL DR
PID: 025-007468
ACRES: 0.16

JUSTIN DOUGLAS BONIFIELD
323 COLDWELL DR
PID: 025-007467
ACRES: 0.20

RICHARD J COPELAND
317 COLDWELL DR
PID:025-007466
ACRES: 0.19

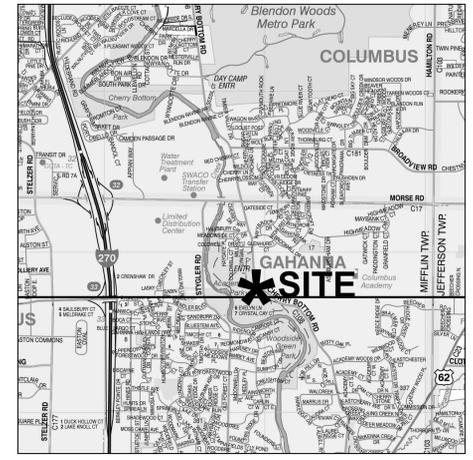
RICHARD K JR &
KAREN S HINKLE
309 COLDWELL DR
PID:025-007465
ACRES: 0.19

CARA F WASSERSTROM &
CHRISTOPHER WEIBLE
303 COLDWELL DR
PID: 025-007464
ACRES: 0.19

DONNA POLLOCK
295 COLDWELL DR
PID: 025-007463
ACRES: 0.19

RM1 SFR PROPCO B LP
287 COLDWELL DR
PID:025-007462
ACRES: 0.31

FINAL DEVELOPMENT PLAN FOR ACADEMY PARK 2026



LOCATION MAP
SCALE: 1" = 2,000'

SCOPE OF WORK

DEMOLISH AND REMOVE EXISTING SHELTER BUILDING & PLAYGROUND. IMPROVE EXISTING PARKING LOT DRAINAGE & RESURFACE. INSTALL NEW SHELTER BUILDING, PLAYGROUND, STORM WATER FACILITY AND EXPAND THE PARKING TO PROVIDE ADDITIONAL SPACES.

SITE STATISTICS

PROPOSED.....	CITY PARK
ADDRESS.....	CHERRY BOTTOM ROAD
PARCEL #.....	025-004304
ZONING.....CON (CONSERVATION)	
TOTAL SITE AREA.....	34.95 ACRES (1,522,422 SF)
LIMITS OF DISTURBANCE (LOD).....	5.92 ACRES (257,875 SF)
EXISTING IMPERVIOUS AREA.....	125,400 SF (BASED ON LOD)
EXISTING BUILDING AREA.....	1,570 SF
EXISTING BASKETBALL COURTS.....	9,690 SF
EXISTING PARKING AREA.....	99,943 SF
EXISTING PARKING 25% AREA.....	24,985 SF
EXISTING SHARED-USE PATH AREA.....	13,098 SF
PROPOSED BUILDING AREA.....	4,875 SF
PROPOSED PARKING AREA.....	123,367 SF
INCREASED PARKING AREA.....	23,424 SF
PROPOSED SHARED-USE PATH AREA.....	14,230 SF
PROPOSED IMPERVIOUS AREA.....	160,040 SF (BASED ON LOD)
MAX BUILDING HEIGHT.....	35'
EXISTING BUILDING HEIGHT.....	±15'-0"
PROPOSED BUILDING HEIGHT.....	21'3"
REQUIRED PARKING.....	N/A
EXISTING PARKING.....	298 SPACES
PROPOSED PARKING.....	345 SPACES
REQUIRED ADA SPACES.....	N/A
EXISTING ADA SPACES.....	6 SPACES
PROPOSED ADA SPACES.....	8 SPACES
REQUIRED EV SPACES.....	4 SPACES
EXISTING EV SPACES.....	0 SPACES
PROPOSED EV SPACES.....	4 SPACES
REQUIRED BICYCLE PARKING.....	N/A
EXISTING BICYCLE PARKING.....	0 U-SHAPED RACKS
PROPOSED BICYCLE PARKING.....	5 U-SHAPED RACKS

SEE LANDSCAPE PLANS FOR INTERNAL LANDSCAPE REQUIREMENTS
NOTE: ALL ACREAGE PERCENTAGES TAKEN FROM LIMITS OF DISTURBANCE

1 JEFFERY D & DEBORAH D MITCHELL 369 COLDWELL CT PID: 025-007475 ACRES: 0.18 ZONED: R2	8 ANTHONY NUNNELLY 329 COLDWELL DR PID: 025-007468 ACRES: 0.16 ZONED: R2
2 RYAN S & STEPHANIE E WENDLER 363 COLDWELL CT PID: 025-007474 ACRES: 0.18 ZONED: R2	9 JUSTIN DOUGLAS BONIFIELD 323 COLDWELL DR PID: 025-007467 ACRES: 0.20 ZONED: R2
3 EMILY QUESINBERRY & ANDREW B BURNS 357 COLDWELL CT PID: 025-007473 ACRES: 0.17 ZONED: R2	10 RICHARD J COPELAND 317 COLDWELL DR PID: 025-007466 ACRES: 0.19 ZONED: R2
4 SALLY H EASTERLING 351 COLDWELL CT PID: 025-007472 ACRES: 0.18 ZONED: R2	11 RICHARD K JR & KAREN S HINKLE 309 COLDWELL DR PID: 025-007465 ACRES: 0.19 ZONED: R2
5 RAVEN PROPERTIES LTD 349 COLDWELL DR PID: 025-007471 ACRES: 0.19 ZONED: R2	12 CARA F WASSERSTROM & CHRISTOPHER WEIBLE 303 COLDWELL DR PID: 025-007464 ACRES: 0.19 ZONED: R2
6 RAYMOND R JR WELLMER 341 COLDWELL DR PID: 025-007470 ACRES: 0.17 ZONED: R2	13 DONNA POLLOCK 295 COLDWELL DR PID: 025-007463 ACRES: 0.19 ZONED: R2
7 ALLA GAVRILOV 335 COLDWELL DR PID: 025-007469 ACRES: 0.17 ZONED: R2	14 RMI SFR PROPCO B LP 287 COLDWELL DR PID: 025-007462 ACRES: 0.31 ZONED: R2



INDEX MAP
SCALE: 1" = 80'



ADVANCED CIVIL DESIGN
ENGINEERS SURVEYORS

781 Science Boulevard, Suite 100
Gahanna, Ohio 43230
ph 614.428.7750
fax 614.428.7755

DEVELOPER
GAHANNA PARKS AND RECREATION

Gahanna
200 S HAMILTON ROAD
GAHANNA, OH 43230
CONTACT: STEPHANIA BERNARD-FERRELL
PHONE: 614-342-4230
EMAIL: PARKSANDREC@GAHANNA.GOV

ENGINEER/SURVEYOR
ADVANCED CIVIL DESIGN, INC.

ADVANCED CIVIL DESIGN
781 Science Boulevard, Suite 100
Gahanna, Ohio 43230
ph 614.428.7750
fax 614.428.7755
781 SCIENCE BLVD., SUITE 100
GAHANNA, OH 43230
CONTACT: THOMAS M. WARNER
PHONE: 614.428.7750
EMAIL: TWARNER@ADVANCEDCIVILDISEGN.COM

ARCHITECT
BBCO

BBCO
326 S HIGH STREET, STE 500
COLUMBUS, OH 43215
CONTACT: ZAC ROMER-JORDAN
PHONE: 614.437.2068
EMAIL: ZAC@BBCODESIGN.COM

LANDSCAPE ARCHITECT
POD DESIGN

POD design
100 NORTHWOODS BLVD.
COLUMBUS, OH 43235
CONTACT: CHRISTIAN HASENFRAZ
PHONE: 614.360.3058
EMAIL: CHASENFRAZ@PODDESIGN.COM

MECHANICAL/ELECTRICAL/PLUMBING
MCMULLEN ENGINEERING

MCMULLEN ENGINEERING CO., INC.
MECHANICAL AND ELECTRICAL ENGINEERS
100 S STATE STREET
WESTERVILLE, OH 43081
CONTACT: MART KLEEMAN
PHONE: 614.895-9408
EMAIL: MARTK@MCMULLENENG.COM

SHEET INDEX

TITLE SHEET	1
EXISTING CONDITIONS	2
SITE PLAN	3
UTILITY PLAN	4

CITY OF GAHANNA, FRANKLIN COUNTY, OHIO

**FINAL DEVELOPMENT PLAN
FOR
ACADEMY PARK
TITLE SHEET**

PLAN PREPARED BY:

ADVANCED CIVIL DESIGN
ENGINEERS SURVEYORS

781 Science Boulevard, Suite 100
Gahanna, Ohio 43230
ph 614.428.7750
fax 614.428.7755

SCALE: 1"=80'
DATE: 2/19/2026

SHEET C-01

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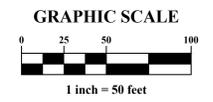
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- LEGEND**
- EXISTING TREELINE
 - 100 YEAR FLOOD PLAIN
 - 500 YEAR FLOOD PLAIN
 - EXISTING MINOR CONTOUR
 - EXISTING MAJOR CONTOUR
 - EXISTING STORM SEWER
 - EXISTING SANITARY SEWER
 - EXISTING WATER MAIN
 - EXISTING OHE
 - EX UNDERGROUND ELECTRIC
 - EXISTING PARKING COUNT
 - EXISTING TREE TO REMAIN
 - EXISTING TREE TO BE REMOVED

UTILITY NOTE: EXISTING SANITARY AND WATER SERVICES ARE TO BE ABANDONED (TBA) IN PLACE AND THE SITE CONTRACTOR SHALL CUT AND CAP THE EXISTING SERVICE LINES AT THE CLOSEST KNOWN LOCATION TO THE EXISTING MAINLINES THEY ARE CONNECTED TO.

EXISTING PARKING LOT SURFACE = 99,943 SF
 99,943 SF * 25% (0.25) = 24,985 SF



CITY OF GAHANNA, FRANKLIN COUNTY, OHIO

FINAL DEVELOPMENT PLAN FOR ACADEMY PARK EXISTING CONDITIONS

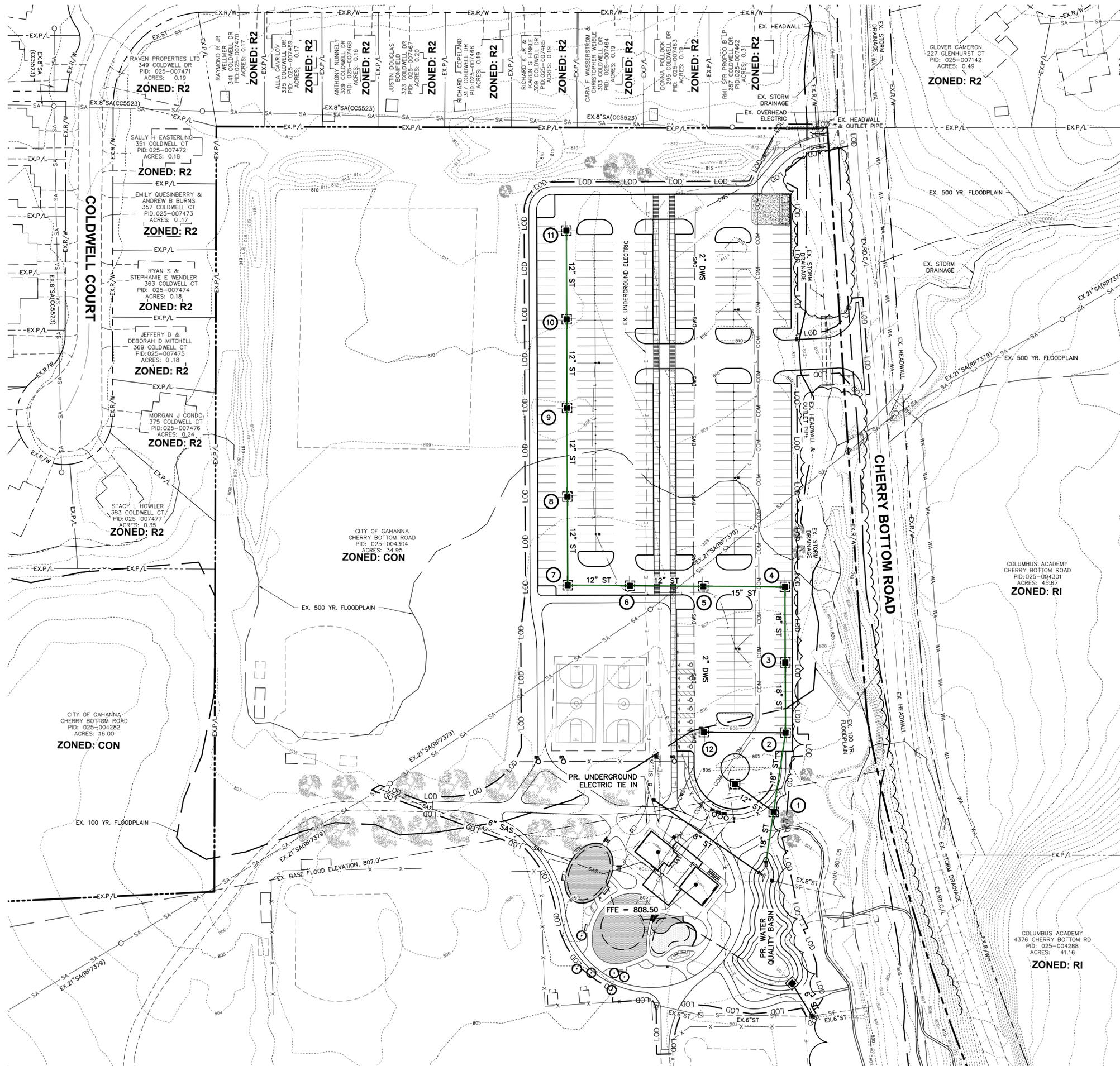
PLAN PREPARED BY:

781 Science Boulevard, Suite 100
 Gahanna, Ohio 43230
 ph 614.428.7750
 fax 614.428.7755

SCALE: 1"=80'
 DATE: 2/9/2026

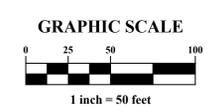
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LEGEND

---	LOD	LIMITS OF DISTURBANCE
---	---	100 YEAR FLOOD PLAIN
---	---	500 YEAR FLOOD PLAIN
---	---	EXISTING MINOR CONTOUR
---	---	EXISTING MAJOR CONTOUR
---	---	EXISTING STORM SEWER
---	---	EXISTING SANITARY SEWER
---	---	EXISTING WATER MAIN
---	---	EXISTING OHE
---	---	EX UNDERGROUND ELECTRIC
---	---	EXISTING TREE - SEE LANDSCAPE PLAN



CITY OF GAHANNA, FRANKLIN COUNTY, OHIO

**FINAL DEVELOPMENT PLAN
FOR
ACADEMY PARK
SITE UTILITY & GRADING PLAN**

PLAN PREPARED BY:

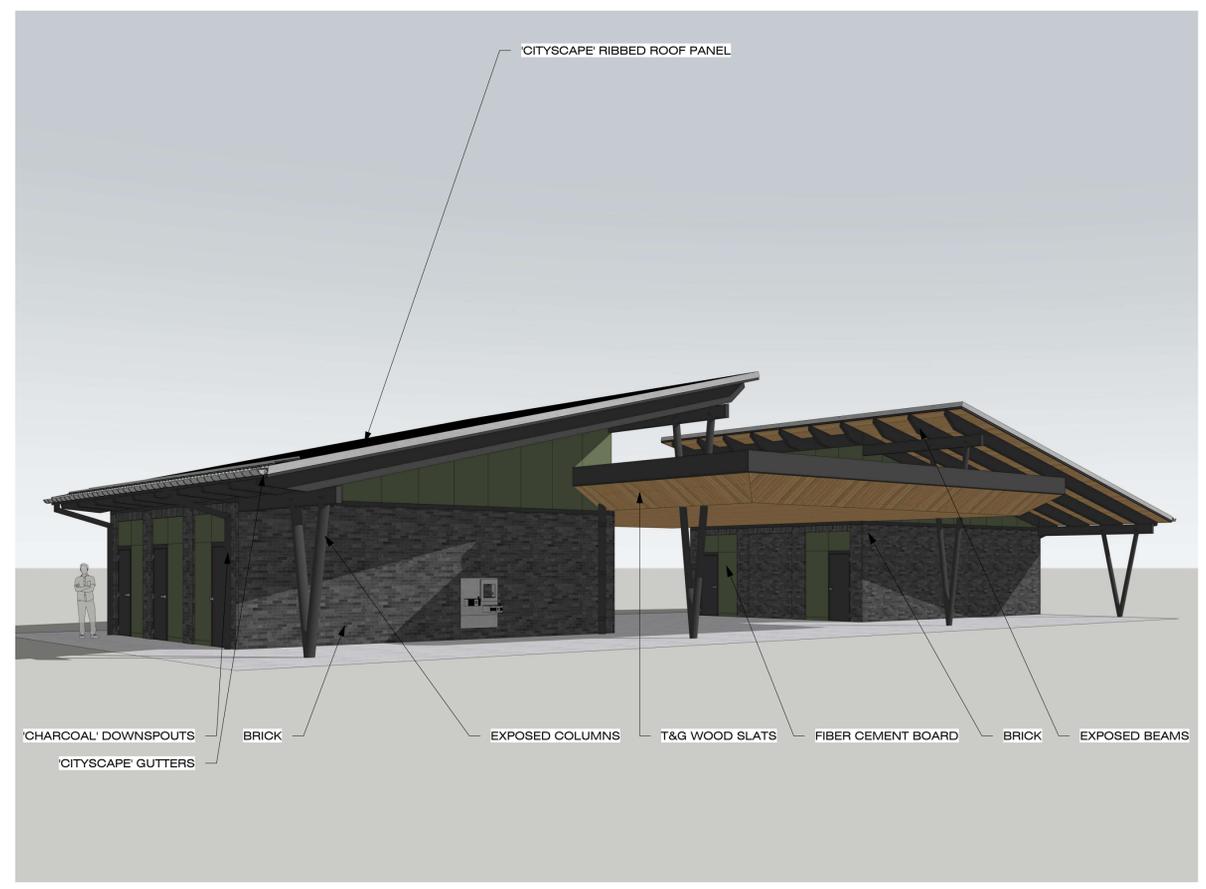
781 Science Boulevard, Suite 100
Gahanna, Ohio 43230
ph 614.428.7750
fax 614.428.7755

SCALE: 1"=50'
DATE: 2/19/2026

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V U T S R Q P N M L K J H G F E D C B A



V9 FRONT PERSPECTIVE
12" = 1'-0"

IMAGES ARE REPRESENTATIONAL ONLY. DRAWINGS AND SPECIFICATIONS PREVAIL.

K9 REAR PERSPECTIVE
12" = 1'-0"

IMAGES ARE REPRESENTATIONAL ONLY. DRAWINGS AND SPECIFICATIONS PREVAIL.



V1 FRONT AXON
12" = 1'-0"

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K1 REAR AXON
12" = 1'-0"

IMAGES ARE REPRESENTATIONAL ONLY. DRAWINGS AND SPECIFICATIONS PREVAIL.

V U T S R Q P N M L K J H G F E D C B A



Columbus
100 Northwoods Blvd, Ste A
Columbus, Ohio 43235
p 614.255.3399

Cincinnati
20 Village Square, Floor 3
Cincinnati, Ohio 45246
p 614.360.3066

PODdesign.net



Project Name
Academy Park
1201 Cherry Bottom Road
Gahanna, OH 43230



Prepared For
Gahanna Parks & Recreation
200 South Hamilton Road
Gahanna, OH 43230

Project Info
Project # 24027
Date 02.26.2026
By JW
Scale As Shown

Revisions
PRELIMINARY
NOT FOR CONSTRUCTION

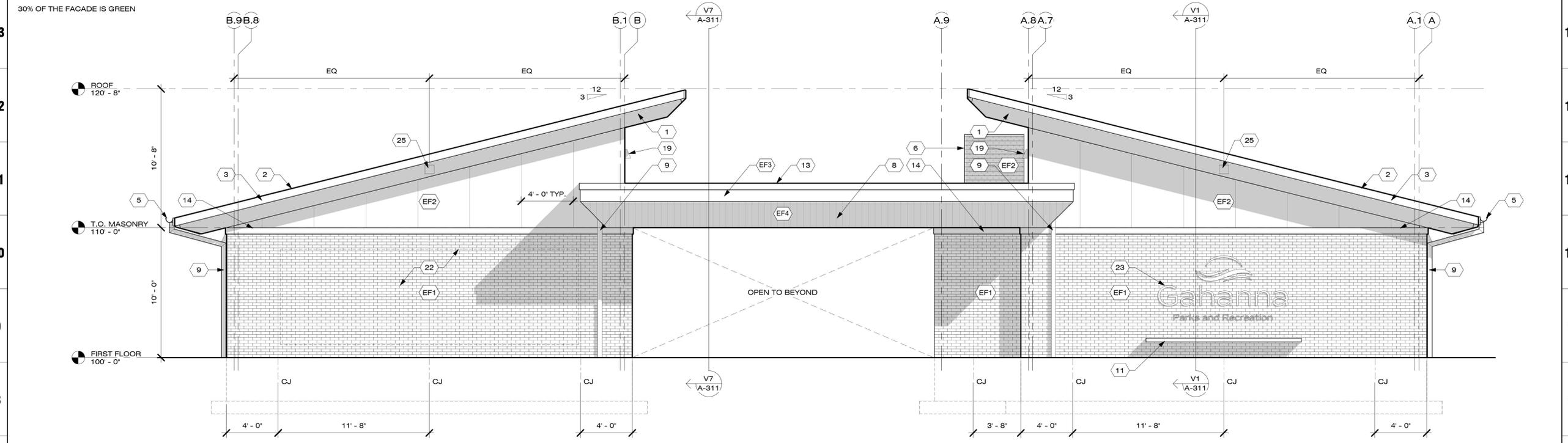
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RENDERINGS



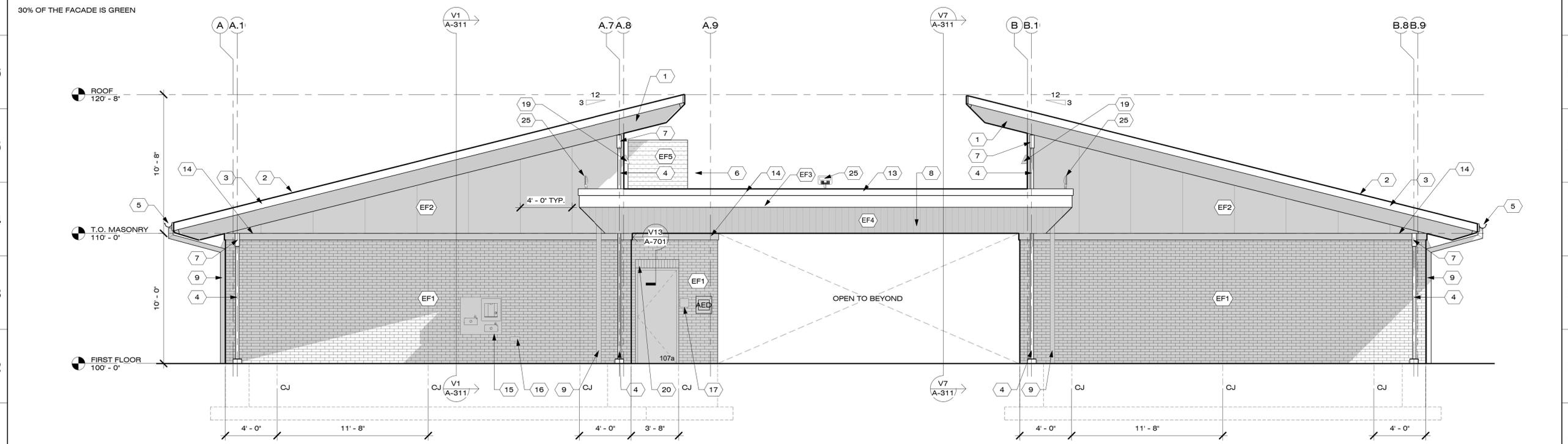
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V	U	T	S	R	Q	P	N	M	L	K	J	H	G	F	E	D	C	B	A
GENERAL NOTES				BUILDING ELEVATION KEYNOTES								FINISH LEGEND							
<p>A. REFER TO CIVIL DRAWINGS FOR SITE GRADING INFORMATION.</p> <p>B. REFER TO LANDSCAPE DRAWINGS FOR INFORMATION RELATED TO VEGETATION AROUND BUILDING.</p> <p>C. REFER TO ELECTRICAL DRAWINGS FOR BUILDING MOUNTED EXTERIOR LIGHTING INFORMATION.</p> <p>D. (XXX) INDICATES DOOR NUMBER, REFER TO A-800 SERIES.</p> <p>E. "CJ" REFERS TO MASONRY CONTROL JOINT. COLOR OF SEALANT TO MATCH MORTAR.</p>				<p>1 EXPOSED STRUCTURAL BEAMS, CHAMFER ENDS AND PAINT P-3, TYP. UNO. SEE STRUCTURAL FOR ADDITIONAL INFORMATION.</p> <p>2 RIBBED METAL ROOF OVER CONTINUOUS UNDERLAYMENT. SLOPE 3:12 TOWARDS GUTTER. BASIS OF DESIGN: PAC-CLAD 7.2 PANEL, CITYSCAPE.</p> <p>3 2X WOOD FASCIA, PAINT P-3.</p> <p>4 EXPOSED STRUCTURAL STEEL TUBE POST. EPOXY PRIMER AND FINISH COAT, TYP. PAINT P-3, UNO. SEE STRUCTURAL FOR ADDITIONAL INFORMATION.</p> <p>5 METAL HALF-ROUND GUTTER. BASIS OF DESIGN: PAC-CLAD, CITYSCAPE.</p> <p>6 PERFORATED, CORRUGATED METAL SCREENING FOR ROOFTOP CONDENSING UNIT. BASIS OF DESIGN: PAC-CLAD, CITYSCAPE.</p> <p>7 EXPOSED STRUCTURAL BEAM, EPOXY PRIMER AND FINISH PAINT COAT, P-3. SEE STRUCTURAL FOR ADDITIONAL INFORMATION.</p> <p>8 STAINED AND SEALED TONGUE AND GROOVE WOOD SOFFIT. SEE STRUCTURAL FOR ADDITIONAL INFORMATION.</p> <p>9 ROUND ALUMINUM DOWNSPOUT CONNECTED TO UNDERGROUND STORM SYSTEM. BASIS OF DESIGN: SAF PERIMETER SYSTEMS, DESIGNER SERIES, EXTRUDED ROUND. FINISH TO MATCH P-3. SEE A-300 SERIES FOR ADDITIONAL INFORMATION.</p> <p>10 MOTORIZED OVERHEAD SECTIONAL DOOR.</p> <p>11 WOOD BENCH.</p>				<p>12 MOTORIZED OVERHEAD ROLLING SECURITY SHUTTER.</p> <p>13 PARAPET COPING. BASIS OF DESIGN: PAC-CLAD CHARCOAL.</p> <p>14 METAL TRIM. BASIS OF DESIGN: PAC-CLAD CHARCOAL.</p> <p>15 FROST-PROOF, EXTERIOR GRADE DRINKING FOUNTAIN WITH BOTTLE FILL. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.</p> <p>16 LOCATION OF HOSE BIBB, SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.</p> <p>17 BUILDING MOUNTED SIGNAGE. SEE A-420 SERIES FOR ADDITIONAL INFORMATION.</p> <p>18 VINYL RESTROOM ID GRAPHIC. COLOR TO MATCH P-6.</p> <p>19 EXHAUST WALL CAP. COLOR TO MATCH P-4. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.</p> <p>20 SOLDIER COURSE. SEE A-700 SERIES FOR ADDITIONAL INFORMATION.</p> <p>21 STAINLESS STEEL THROUGH-WALL COUNTER. SEE A-400 SERIES FOR ADDITIONAL INFORMATION.</p> <p>22 TRAIL HEAD SIGNAGE AND GRAPHICS, COORDINATE WITH OWNER.</p> <p>23 PIN-MOUNTED STAINLESS STEEL LOGO SIGNAGE. FINAL ARTWORK TO BE PROVIDED BY OWNER.</p> <p>24 DIMENSIONAL, 1/4", RESTROOM ID GRAPHIC. STAINLESS STEEL.</p> <p>25 WALL PACK, TYP. SEE ELECTRICAL FOR ADDITIONAL INFORMATION.</p>				<p>EF1 BRICK - MODULAR BASIS OF DESIGN: ENDICOTT CLAY PRODUCTS CO COLOR: MANGANESE IRON SPOT SMOOTH MORTAR: LEHIGH FLAMINGO, X-25 CHARCOAL</p> <p>EF2 FIBER CEMENT BOARD SIZE: 48" PANEL BASIS OF DESIGN: JAMES HARDIE, HARDIE PANEL SIDING FINISH: SMOOTH, PAINT P-4.</p> <p>EF3 FIBER CEMENT BOARD SIZE: 48" PANEL BASIS OF DESIGN: JAMES HARDIE, HARDIE PANEL SIDING FINISH: SMOOTH, PAINT P-3.</p> <p>EF4 DOUGLAS FIR TONGUE AND GROOVE WOOD SLATS SIZE: 2X6 GRADE: SELECT FINISH: STAINED AND SEALED, P-5.</p> <p>EF5 PERFORATED, CORRUGATED METAL PANEL BASIS OF DESIGN: PAC-CLAD 7/8" CORRUGATED, 1/8" ROUND PERFORATIONS (A) COLOR: CITYSCAPE</p>							



V7 NE ELEVATION
1/4" = 1'-0"



V1 SW ELEVATION
1/4" = 1'-0"

V	U	T	S	R	Q	P	N	M	L	K	J	H	G	F	E	D	C	B	A
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Columbus
100 Northwoods Blvd, Ste A
Columbus, Ohio 43235
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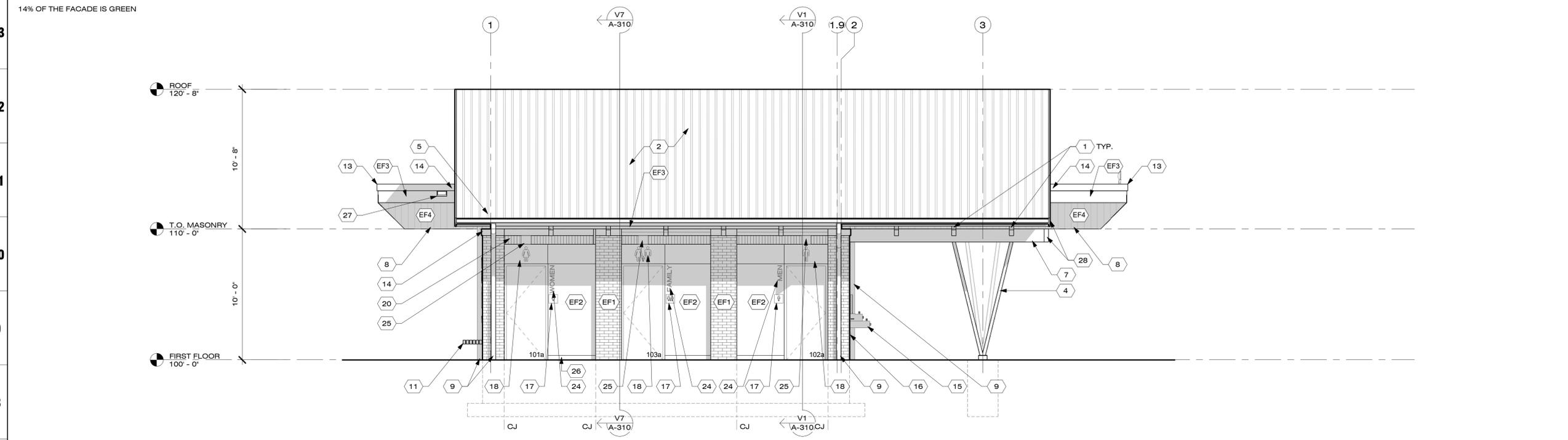
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BUILDING ELEVATIONS



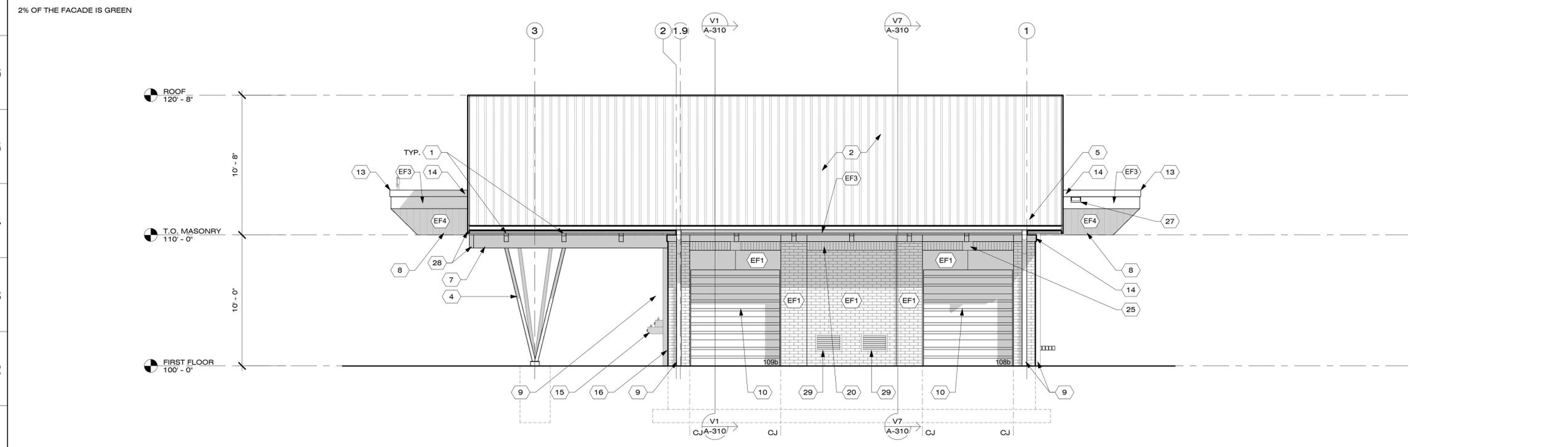
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A-300

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V	U	T	S	R	Q	P	N	M	L	K	J	H	G	F	E	D	C	B	A
GENERAL NOTES				BUILDING ELEVATION KEYNOTES								FINISH LEGEND							
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				<p>(EF1) BRICK - MODULAR BASIS OF DESIGN: ENDICOTT CLAY PRODUCTS CO COLOR: MANGANESE IRON SPOT SMOOTH MORTAR: LEHIGH FLAMINGO, X-25 CHARCOAL</p> <p>(EF2) FIBER CEMENT BOARD SIZE: 48" PANEL BASIS OF DESIGN: JAMES HARDIE, HARDIE PANEL SIDING FINISH: SMOOTH, PAINT P-4.</p> <p>(EF3) FIBER CEMENT BOARD SIZE: 48" PANEL BASIS OF DESIGN: JAMES HARDIE, HARDIE PANEL SIDING FINISH: SMOOTH, PAINT P-3.</p> <p>(EF4) DOUGLAS FIR TONGUE AND GROOVE WOOD SLATS SIZE: 2X6 GRADE: SELECT FINISH: STAINED AND SEALED, P-5.</p> <p>(EF5) PERFORATED, CORRUGATED METAL PANEL BASIS OF DESIGN: PAC-CLAD 7/8" CORRUGATED, 1/8" ROUND PERFORATIONS (A) COLOR: CITYSCAPE</p>															



V7 NW ELEVATION
1/4" = 1'-0"



V1 SE ELEVATION
1/4" = 1'-0"

V	U	T	S	R	Q	P	N	M	L	K	J	H	G	F	E	D	C	B	A
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Columbus
100 Northwoods Blvd, Ste A
Columbus, Ohio 43235
p 614.255.3399

Cincinnati
20 Village Square, Floor 3
Cincinnati, Ohio 45246
p 614.360.3066

PODdesign.net



308 SOUTH HIGH STREET SUITE 600
COLUMBUS OH 43215
P: 614.443.2866
INFO@BBDODESIGN.COM
BBDODESIGN.COM

Project Name
Academy Park
1201 Cherry Bottom Road
Gahanna, OH 43230



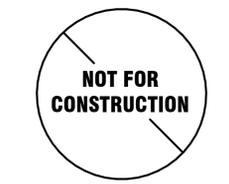
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Gahanna Parks & Recreation
200 South Hamilton Road
Gahanna, OH 43230

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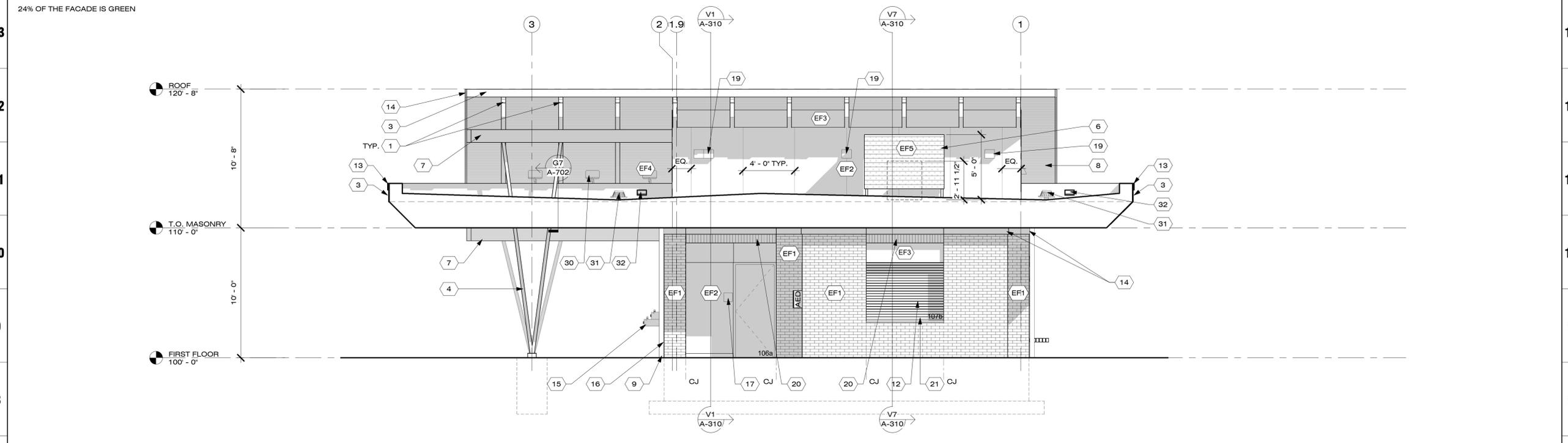
Sheet Title
BUILDING ELEVATIONS



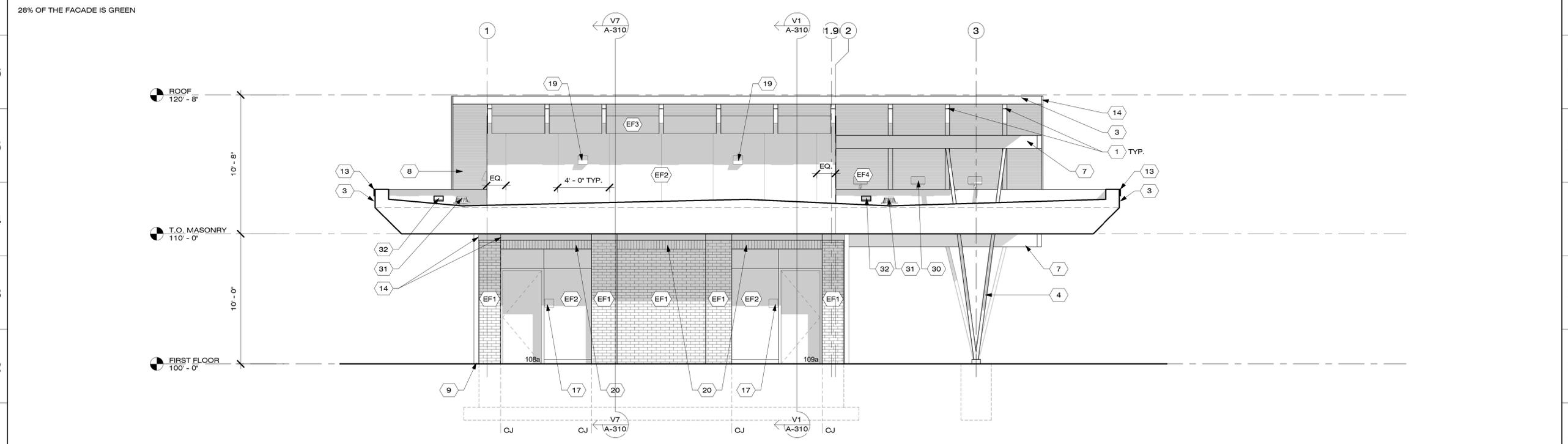
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V	U	T	S	R	Q	P	N	M	L	K	J	H	G	F	E	D	C	B	A
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V7 NW COVERED ELEVATION
1/4" = 1'-0"



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Columbus
100 Northwoods Blvd, Ste A
Columbus, Ohio 43235
p 614.255.3399

Cincinnati
20 Village Square, Floor 3
Cincinnati, Ohio 45246
p 614.360.3066

PODdesign.net



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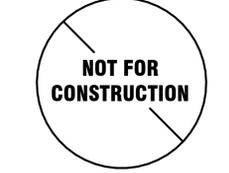


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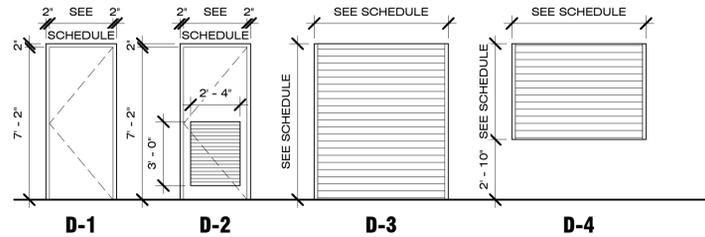
Sheet Title
BUILDING ELEVATIONS



Sheet #
A-302

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DOOR TYPES



DOOR SCHEDULE

DOOR NUMBER	ROOM NAME	HW SET	DOOR / FRAME TYPE	DOOR / FRAME RATING	DOOR			DETAILS			FRAME		REMARKS
					SIZE	MATERIAL	FINISH	HEAD	SILL	JAMB	MATERIAL	FINISH	
101a	WOMEN'S RR	05	D-1	-	3' - 0"x7' - 2"x1 3/4"	HM	P-3	Q13/A-700	Q1/A-700	E1/A-700	HM	P-3	1
102a	MEN'S RR	05	D-1	-	3' - 0"x7' - 2"x1 3/4"	HM	P-3	Q13/A-700	Q1/A-700	E1/A-700	HM	P-3	1
103a	FAMILY RR	04	D-1	-	3' - 0"x7' - 2"x1 3/4"	HM	P-3	Q13/A-700	Q1/A-700	E1/A-700	HM	P-3	1
104a	IT CLOSET	01	D-2	-	3' - 0"x7' - 2"x1 3/4"	HM	P-3	Q7/A-701	Q4/A-701	L7/A-701	HM	P-3	
106a	JANITOR	06	D-1	-	3' - 0"x7' - 2"x1 3/4"	HM	P-3	E7/A-700	Q1/A-700	E1/A-700	HM	P-3	1
107a	CONCESSIONS	05	D-1	-	3' - 0"x7' - 2"x1 3/4"	HM	P-3	V13/A-701	Q1/A-700	E1/A-700 SIM	HM	P-3	1
107b	CONCESSIONS	07	D-4	-	6' - 0"x4' - 4"x1 3/4"	STEEL	RAL 7024	M5/A-702	M1/A-702	M13/A-702	-	RAL 7024	1, 3
108a	PARK STORAGE	02	D-1	-	3' - 0"x7' - 2"x1 3/4"	HM	P-3	E7/A-700	Q1/A-700	E1/A-700	HM	P-3	1
108b	PARK STORAGE	07	D-3	-	7' - 0"x7' - 4"x1 3/4"	STEEL	RAL 7024	G11/A-701	G1/A-701	G13/A-701	-	RAL 7024	1, 2
109a	BASEBALL STORAGE	03	D-1	-	3' - 0"x7' - 2"x1 3/4"	HM	P-3	E7/A-700	Q1/A-700	E1/A-700	HM	P-3	1
109b	BASEBALL STORAGE	07	D-3	-	7' - 0"x7' - 4"x1 3/4"	STEEL	RAL7024	G11/A-701	G1/A-701	G13/A-701	-	RAL 7024	1, 2

EQUIPMENT SCHEDULE

TYPE MARK	DESCRIPTION	MANUFACTURER	MODEL	DIMENSIONS HxWxD	COMMENTS
AED	AUTOMATED EXTERNAL DEFIBRILLATOR	-	-	-	OWNER PROVIDED, OWNER INSTALLED.
E1	CHEST FREEZER	-	-	-	OWNER PROVIDED, OWNER INSTALLED.
E2	REFRIGERATOR	-	-	-	OWNER PROVIDED, OWNER INSTALLED.
E3	UTILITY SHELF WITH RAG HOOKS AND BROOM HOLDERS	BOBRICK	B-224	-	STAINLESS STEEL SATIN FINISH
T1	WELDED-FRAME MIRROR	BOBRICK	B-290 2436	36" H x 24" W	STAINLESS STEEL FINISH
T2	SURFACE-MOUNTED VERTICAL MANUAL LIQUID SOAP DISPENSER	BOBRICK	B-2111	-	CLASSIC SERIES, STAINLESS STEEL SATIN FINISH, 40 FL. OZ.
T3	SURFACE-MOUNTED AUTOMATIC HAND DRYER	XLERATOR	XL-SB	-	BRUSHED STAINLESS STEEL FINISH
T4	HORIZONTAL SURFACE-MOUNTED BABY CHANGING STATION	KOALA KARE	KB310-SSWM	-	STAINLESS STEEL SATIN FINISH
T5	SURFACE-MOUNTED JUMBO TOILET ROLL HOLDER	BOBRICK	B-2892	-	CLASSIC COLLECTION, TWO ROLLS, STAINLESS STEEL SATIN FINISH
T6	SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK	B-35139	-	TRIMLINE SERIES, STAINLESS STEEL SATIN FINISH, 0.6-GALLON
T7	GRAB BARS	BOBRICK	B-6806 SERIES	-	36" - BACK WALL, 42" - SIDE WALL, 18" - VERTICAL, STAINLESS STEEL SATIN FINISH
T8	SURFACE-MOUNTED WASTE RECEPTACLE	BOBRICK	B-9279	-	FINO COLLECTION, STAINLESS STEEL SATIN FINISH, 6-GALLON
T9	SURFACE-MOUNTED BAG HOOK	BOBRICK	B-9542	-	FINO COLLECTION, STAINLESS STEEL SATIN FINISH
T10	TOILET PARTITION	BRADLEY CORPORATION	-	-	FLOOR-MOUNTED WITH OVERHEAD BRACE, STAINLESS STEEL SATIN FINISH
T11	SURFACE MOUNTED PAPER TOWEL DISPENSER	BOBRICK	B-9262	-	FINO COLLECTION, STAINLESS STEEL SATIN FINISH
T12	ACCESS PANEL	-	-	16" x 16"	SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
T13	URINAL SCREEN	BRADLEY CORPORATION	-	-	STAINLESS STEEL SATIN FINISH

FINISH LEGEND

CODE	MANUFACTURER	STYLE MATERIAL TYPE	MODEL NUMBER COLOR	DIMENSIONS FINISH	COMMENTS
Floors					
EPOXY	-	EPOXY	-	-	50% SCHIST, 50% BASALT MIX WITH A FULL BROADCAST OF 1/4" CHIP
SCON	-	SEALED CONCRETE	-	-	PROVIDE ANTI-SLIP CONCRETE COATING
Walls					
P-1	SHERWIN WILLIAMS	PAINT	SW 7004 SNOWBOUND	SEMI-GLOSS	SEE SPECIFICATIONS FOR PAINT AND PRIMER TYPE BASED ON SUBSTRATE.
P-2	SHERWIN WILLIAMS	PAINT	SW 6433 INVERNESS	SEMI-GLOSS	-
P-3	SHERWIN WILLIAMS	PAINT	SW 7076 CYBERSPACE	SEMI-GLOSS	-
P-4	SHERWIN WILLIAMS	PAINT	SW 6432 GARDEN SPOT	SEMI-GLOSS	-
P-5	SHERWIN WILLIAMS	EXTERIOR STAIN	SW 3511 CEDAR BARK	SEMI-TRANSPARENT	-
Ceilings					
GWB	-	GYPSUM WALL BOARD	-	-	PAINT P-1 U.N.O.
MISC	-	-	-	-	-
RB-1	JOHNSONITE	RESILIENT BASE	460 COTTON W	4"	DURA-COVE THERMOPLASTIC RUBBER
RB-2	JOHNSONITE	RESILIENT BASE	VN3 GECKO	4"	DURA-COVE THERMOPLASTIC RUBBER, TYP. ALL LOCATIONS TO RECEIVE P-4.

ROOM FINISH SCHEDULE

NAME	NUMBER	WALL FINISH	FLOOR FINISH	BASE FINISH	CEILING FINISH	CASEWORK FINISH	COMMENTS
WOMEN'S RR	101	P1, P4	EPOXY	RB-1, RB-2	EF4	-	
MEN'S RR	102	P1, P4	EPOXY	RB-1, RB-2	EF4	-	
FAMILY RR	103	P1, P4	EPOXY	RB-1, RB-2	EF4	-	
IT CLOSET	104	P1	SCON	-	GWB	-	
MECHANICAL	105	P1	SCON	-	EF4	-	
JANITOR	106	P1	SCON	-	EF4	-	
CONCESSIONS	107	P1	EPOXY	RB-1	GWB	BY OWNER	PROVIDE 2 COATS OF BLOCK FILLER
PARK STORAGE	108	P1	SCON	-	EF4	-	
BASEBALL STORAGE	109	P1	SCON	-	EF4	-	

GENERAL FINISH NOTES

- VERIFY ALL FINISH MATERIALS AND COLORS WITH ARCHITECT PRIOR TO COMMENCING WORK.
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, FOUNDATION DRAWINGS AND SPECIFICATIONS.
- FIELD VERIFICATION IS REQUIRED FOR QUANTITIES OF ALL MATERIALS PRIOR TO ORDERING AND INSTALLATION. DO NOT SCALE DRAWINGS.
- ENSURE THAT FLOOR SURFACES ARE PROPERLY PREPARED FOR INSTALLATION OF SPECIFIC FLOOR FINISH.
- ALL MATERIALS ARE TO BE INSTALLED PER MANUFACTURERS INSTRUCTIONS, RECOMMENDATIONS AND SPECIFICATIONS FOR THE APPLICATION AND INTENDED USAGE.
- FLOORING TO EXTEND UNDER ALL FIXTURES AND CABINETS U.N.O.
- WHEN FLOOR FINISH CHANGE OCCURS AT A DOORWAY, THE TRANSITION IS TO BE CENTERED UNDER THE DOOR IN THE CLOSED POSITION, U.N.O.
- ALL FLOOR FINISHES TO BE PROTECTED FROM DAMAGE AFTER INSTALLATION. ALL DAMAGE TO BE REPAIRED AT NO COST TO THE OWNER.
- ALL DOOR FRAMES AND BASE TO BE PROTECTED TO AVOID DAMAGE DURING INSTALLATION OF FLOORING MATERIAL. ANY DAMAGE TO FRAMES, BASE & FINISHES TO BE REPAIRED AT NO COST TO OWNER.
- ALL INTERIOR WALLS TO BE PAINTED P-1, UNLESS NOTED OTHERWISE.
- SEE G-SERIES FOR MOUNTING HEIGHTS AND TOILET ACCESSORY DIMENSIONS.
- G.C. TO PROVIDE BLOCKING FOR ALL WALL-MOUNTED ITEMS.
- REFER TO FINISH SCHEDULE FOR FINISH LOCATIONS N. RESILIENT BASE RB-1 U.N.O.
- SEE G-200 FOR MOUNTING HEIGHTS, TYP.

GENERAL DOOR NOTES

- INSTALL CONSTRUCTION CORES IN CYLINDER LOCKS. REPLACE WITH PERMANENT UNITS AT TURN OVER.
- COORDINATE KEYING AND MASTERS WITH TENANT.
- ALL LOCKSETS TO BE COMPLIANT WITH CURRENT ADA GUIDELINES AND CURRENT OBC REQUIREMENTS.
- INSTALL WALL AND FLOOR STOPS AS REQUIRED. COORDINATE KNOX BOX REQUIREMENTS WITH FIRE MARSHALL.
- ALL EXTERIOR DOORS TO MATCH WINDOW AND DOOR COLOR, UNLESS NOTED OTHERWISE.

OBC DOOR RELATED NOTES

- ALL DOORS SHALL SWING IN THE DIRECTION OF EGRESS AS REQUIRED BY CODE (SEE PLAN) AND SHALL BE OF A SIDE SWINGING TYPE.
- ALL MEANS OF EGRESS DOORS SHALL BE READILY OPERABLE FROM THE SIDE FROM WHICH EGRESS IS TO BE MADE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
- MANUALLY OPERATED EDGE TO SURFACE BOLTS ARE PROHIBITED.
- ALL EGRESS DOORS TO HAVE PANIC HARDWARE WHEN SERVING AN OCCUPANCY OF 50 OR MORE OCCUPANTS.

HARDWARE NOTES

- PANIC HARDWARE SHALL HAVE THE ACTIVATING MEMBER MOUNTED AT A HEIGHT NOT LESS THAN 30 INCHES NOR MORE THAN 44 INCHES ABOVE FINISHED FLOOR. ALL HARDWARE SHALL BE CENTERED BETWEEN 30 AND 44 INCHES ABOVE FINISHED FLOOR FOR HAND ACTIVATED HARDWARE. THERE SHALL BE NO GRASP TYPE KNOBS.
- CLOSET DOORS SHALL BE INSTALLED WITH HARDWARE THAT CAN BE OPERATED FROM THE INSIDE (CLASSROOM LOOK).
- ALL HARDWARE FINISH TO BE XXX.
- ALL DOORS TO HAVE FLOOR DOOR STOPS OR WALL STOPS AS NEEDED PER HARDWARE SETS.
- PROVIDE DOOR CLOSER AT ALL EXTERIOR DOORS. EXTERIOR OUTSWING DOORS TO HAVE CLOSERS THAT LOCK TO PREVENT FULL OPENING OF DOOR.
- PROVIDE KICK PLATES ON BOTH SIDES OF DOORS, AS INDICATED ON THE SCHEDULE.

ADA DOOR RELATED NOTES

- 4.13.4 DOUBLE-LEAF DOORWAYS.** IF DOORWAYS HAVE TWO INDEPENDENTLY OPERATED DOOR LEAVES, THEN AT LEAST ONE LEAF SHALL MEET THE SPECIFICATIONS IN 4.13.5 AND 4.13.6. THAT LEAF SHALL BE AN ACTIVE LEAF.
- 4.13.5 CLEAR WIDTH.** DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32 IN (815 MM) WITH THE DOOR OPEN 90 DEGREES, MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP. OPENINGS MORE THAN 24 IN (610 MM) IN DEPTH SHALL COMPLY WITH 4.2.1 AND 4.3.3. EXCEPTION: DOORS NOT REQUIRING FULL USER PASSAGE, SUCH AS SHALLOW CLOSETS, MAY HAVE THE CLEAR OPENING REDUCED TO 20 IN (510 MM) MINIMUM.
- 4.13.6 MANEUVERING CLEARANCES AT DOORS.** MINIMUM MANEUVERING CLEARANCES AT DOORS THAT ARE NOT AUTOMATIC OR POWER-ASSISTED SHALL BE AS SHOWN IN FIG. 25. THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR. EXCEPTION: ENTRY DOORS TO ACUTE CARE HOSPITAL BEDROOMS FOR IN-PATIENTS SHALL BE EXEMPTED FROM THE REQUIREMENT FOR SPACE AT THE LATCH SIDE OF THE DOOR IF THE DOOR IS AT LEAST 44 IN (1120 MM) WIDE.
- 4.13.9 DOOR HARDWARE.** HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. LEAVER-OPERATED MECHANISMS, PUSH-TYPE MECHANISMS, AND U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS. WHEN SLIDING DOORS ARE FULLY OPEN, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48 IN (1200 MM) ABOVE FINISHED FLOOR.

REMARKS

- INSULATED
- BASIS OF DESIGN: C.H.I. MODEL 3222. RAL 7024.
- BASIS OF DESIGN: C.H.I. MODEL 6522. RAL 7024.



Columbus
100 Northwoods Blvd, Ste A
Columbus, Ohio 43235
p 614.255.3399

Cincinnati
20 Village Square, Floor 3
Cincinnati, Ohio 45246
p 614.360.3066

PODdesign.net



308 SOUTH HIGH STREET SUITE 600
COLUMBUS, OH 43215
P: 614.443.2864
INFO@BBDOOR.COM
BBDOOR.COM

Project Name

Academy Park
1201 Cherry Bottom Road
Gahanna, OH 43230



Prepared For

Gahanna Parks & Recreation
200 South Hamilton Road
Gahanna, OH 43230

Project Info

Project # 24027
Date 02.26.2026
By JW
Scale As Shown

Revisions



Sheet Title

SCHEDULES & LEGENDS



Sheet #

A-800

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V U T S R Q P N M L K J H G F E D C B A

EF1



BRICK - MODULAR
BASIS OF DESIGN: ENDICOTT CLAY PRODUCTS CO
COLOR: MANGANESE IRON SPOT SMOOTH
MORTAR: LEHIGH FLAMINGO, X-25 CHARCOAL

EF2



FIBER CEMENT BOARD
SIZE: 48" PANEL
BASIS OF DESIGN: JAMES HARDIE, HARDIE PANEL SIDING
FINISH: SMOOTH, PAINT P-4

EF3



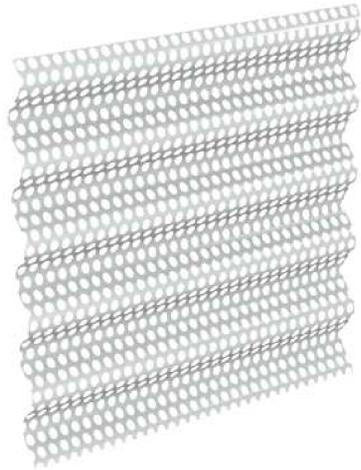
FIBER CEMENT BOARD
SIZE: 48" PANEL
BASIS OF DESIGN: JAMES HARDIE, HARDIE PANEL SIDING
FINISH: SMOOTH, PAINT P-3

EF4



DOUGLAS FIR TONGUE AND GROOVE WOOD SLATS
SIZE: 2X6
GRADE: SELECT
FINISH: STAINED AND SEALED, P-5

EF5



PERFERATED, CORRUGATED METAL PANEL
BASIS OF DESIGN: PAC-CLAD 7/8" CORRUGATED, 1/8" ROUND PERFORATIONS (A)
COLOR: CITYSCAPE

N/A



ROOF ACCESSORIES
BASIS OF DESIGN: PAC-CLAD
COLOR: CHARCOAL

N/A



RIBBED METAL PANEL ROOF
BASIS OF DESIGN: PAC-CLAD
COLOR: CITYSCAPE

N/A

MEMBRANE ROOF
COLOR: WHITE

V U T S R Q P N M L K J H G F E D C B A



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Cincinnati
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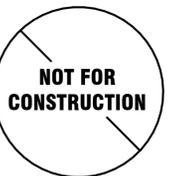
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PRELIMINARY
NOT FOR CONSTRUCTION

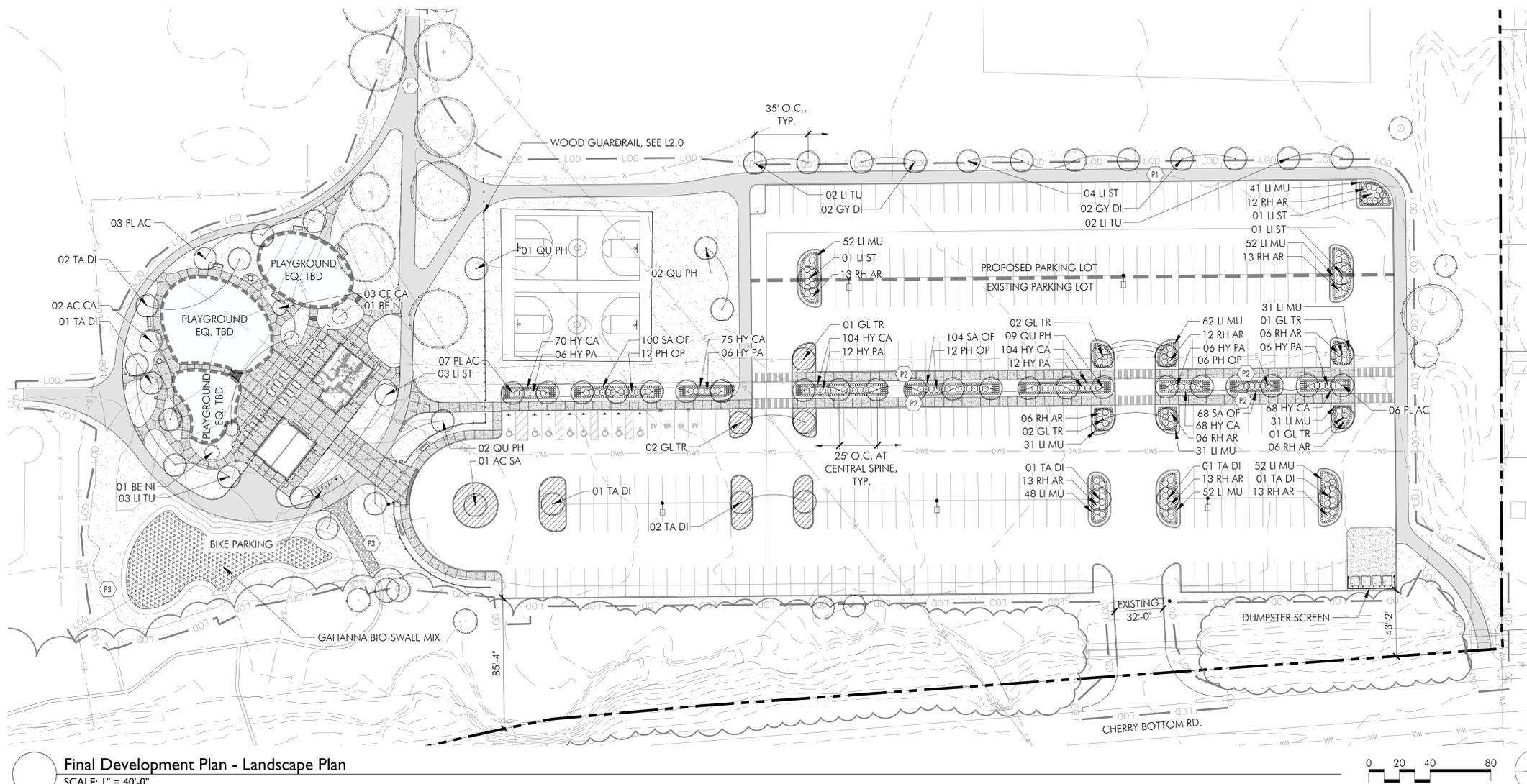
Sheet Title

EXTERIOR FINISHES



Sheet #

A-801



LAYOUT LEGEND

- LOD — LIMIT OF DISTURBANCE
- - - - - PROPERTY LINE
- EXISTING TREES TO REMAIN
- PARKING LOT LIGHTING, REFER TO LIGHTING PLANS
- ▨ MULCHED PLANTING ISLANDS
- ▽▽▽▽ CITY OF GAHANNA BIO-SWALE MIX
- ▨ SEEDED LAWN
- P1 ASPHALT MULTI-USE PATH
- P2 BROOM FINISH CONCRETE
- P3 AGGREGATE PATH
- TREE PROTECTION AT EXISTING TREES - SEE DETAIL #3, SHEET L2.0

Final Development Plan - Landscape Plan
SCALE: 1" = 40'-0"

ZONING CODE REQUIREMENTS

ZONE: CON
DESCRIPTION: CONSERVATION
LEGAL ACRES: 34.95 AC

TREE INFORMATION:
EXISTING TREES WITHIN LIMIT OF DISTURBANCE.....44
TREES TO BE REMOVED LIMIT OF DISTURBANCE.....34
*AS DIRECTED BY CITY FORESTER AND GPRD
PROPOSED TREES WITHIN LIMIT OF DISTURBANCE.....68

CHAPTER 914 - TREE PRESERVATION, PLANTING AND REPLACEMENT

914.04(A)(2) - LOCATION OF PRESERVED PROTECTED TREES AND TREES TO BE PLANTED, INDICATING SPECIES TYPE AND SIZE. SIZE OF TREES TO BE PLANTED SHALL BE DETERMINED BY CALIPER INCHES

914.05(A)(1) - ALL PROJECTS FOR WHICH AN FDP IS REQUIRED IN WHICH THERE ARE NEW STRUCTURES, PARKING AREAS, LOADING AREAS, OR OTHER IMPERVIOUS SURFACES SHALL PLANT A MINIMUM OF ONE SHADE TREE CALIPER INCH PER 1,000 SQUARE FEET OF IMPERVIOUS SURFACE UNLESS LOCATED WITHIN THE PLANNED INDUSTRIAL DISTRICT (PID) ZONING DISTRICTS. PROJECTS LOCATED WITHIN THE PID ARE REQUIRED TO PLANT A MINIMUM OF ONE SHADE TREE CALIPER INCH PER 5,000 SQUARE FEET OF IMPERVIOUS SURFACE

914.05(A)(1)(B) - FOR PROJECTS IN WHICH DEVELOPMENT ALREADY EXISTS, TREE CALIPER INCHES REQUIRED SHALL BE BASED ON THE AMOUNT OF NEW IMPERVIOUS SURFACE

EXISTING TOTAL IMPERVIOUS SURFACE:	125,400 SF
NEW TOTAL IMPERVIOUS SURFACE:	160,040 SF
SHADE TREE CALIPER INCHES REQUIRED:	35 CAL. INCHES
SHADE TREE CALIPER INCHES PROVIDED:	110 CAL. INCHES

1109.01(F) - PARKING AREA LANDSCAPING REQUIREMENTS

- FOR PARKING AREAS OF 1,000 SQUARE FEET OR MORE OR INTENDED FOR FIVE OR MORE VEHICLES, INTERIOR LANDSCAPING IS REQUIRED.
- ANY PARKING AREA ALTERED TO AN EXTENT OF 25 PERCENT OR MORE OF THE TOTAL SQUARE FOOTAGE OF THE EXISTING OFF-STREET PARKING AREA IS REQUIRED TO COMPLY WITH ALL REGULATIONS IN 1109.01(F)
- FIVE PERCENT OF THE TOTAL PARKING AREA IS REQUIRED TO BE LANDSCAPED.
EXISTING PARKING LOT AREA: 99,945 SF
PROPOSED PARKING LOT AREA: 123,367 SF
PARKING LOT INCREASE: 23,424 SF or 23.4%

INTERIOR LANDSCAPING AREA REQ'D (23,424*.05) = 1,172 SF
INTERIOR LANDSCAPING AREA PROVIDED = 4,045 SF
- INTERIOR LANDSCAPING IN PARKING AREAS SHALL BE DISPERSED THROUGHOUT THE PARKING AREA IN LANDSCAPING PENINSULAS AND ISLANDS.
- THE MINIMUM LANDSCAPED PENINSULA SIZE SHALL BE 50 SQUARE FEET AND A MINIMUM LENGTH OR WIDTH DIMENSION OF FIVE FEET.
- ONE TREE PER 100 SQUARE FEET OF REQUIRED LANDSCAPE AREA OR PORTION THEREOF IS REQUIRED. THE MINIMUM CALIPER OF SUCH TREES SHALL BE THREE INCHES AT PLANTING AS MEASURED IN ACCORDANCE WITH ANSI REQUIREMENTS. WHEN APPROPRIATE, THE CITY'S DESIGNEE MAY APPROVE REQUESTS TO PLANT TREES LESS THAN THREE CALIPER INCHES.

REQUIRED LANDSCAPE AREA.....1,172 SF
3" CAL. PARKING LOT TREES REQUIRED (1,172/100).....12 EA
3" PARKING LOT TREES PROVIDED.....27 EA
- REQUIRED LANDSCAPING SHALL BE MAINTAINED WITHIN THE MINIMUM REQUIREMENTS OF THIS SECTION.

PLANT LIST

QTY.	SYMBOL	BOTANICAL & COMMON NAMES	SIZE	COND.	SPACING
SHADE TREES - CHAPTER 914					
3	AC SA	<i>Acer saccharum</i> 'Wright Brothers' Wright Brothers Sugar Maple	3" CAL.	B&B	AS SHOWN
2	BE NI	<i>Betula nigra</i> 'Heritage' Heritage River birch	12-14' HT.	B&B	AS SHOWN
3	CE CA	<i>Cercis canadensis</i> 'MN Strain' Minnesota Strain Hardy Redbud	8-10' HT.	B&B (SINGLE-STEM)	AS SHOWN
9	GL TR	<i>Gleditsia triacanthos inermis</i> 'Suncole' Sunburst Honeylocust	2.5" CAL.	B&B	AS SHOWN
4	GY DI	<i>Gymnocladus dioica</i> Kentucky Coffee Tree	2.5" CAL.	B&B	AS SHOWN
10	LI ST	<i>Liquidambar styraciflua</i> 'Rotundiloba' Fruitless Sweet Gum	2.5" CAL.	B&B	AS SHOWN
7	LI TU	<i>Liriodendron tulipifera</i> Tuliptree	2.5" CAL.	B&B	AS SHOWN
3	PL AC	<i>Platanus x acerfolia</i> 'Morton Circle' Exclamation! London Planetree	3" CAL.	B&B	AS SHOWN
9	TA DI	<i>Taxodium distichum</i> Bald Cypress	8-10' HT	B&B	AS SHOWN
SHADE TREES - CHAPTER 1109.01					
13	PL AC	<i>Platanus x acerfolia</i> 'Morton Circle' Exclamation! London Planetree	3" CAL.	B&B	AS SHOWN
14	QU PH	<i>Quercus phellos</i> Willow Oak	3" CAL.	B&B	AS SHOWN

QTY.	SYMBOL	BOTANICAL & COMMON NAMES	SIZE	COND.	SPACING
SHRUBS					
	HY PA	<i>Hydrangea paniculata</i> 'LVOBO' Bobo Hydrangea	18" HT.	#5 CONT.	48" O.C.
	RH AR	<i>Rhus aromatica</i> 'Gro-Low' Gro-Low Fragrant Sumac	18" HT.	#3 CONT.	48" O.C.
	PH OP	<i>Physocarpus opulifolius</i> 'Donna May' Little Devil Ninebark	18" HT.	#5 CONT.	48" O.C.
PERENNIALS / ORNAMENTAL GRASSES / GROUND COVERS					
	HY CA	<i>Hypericum calycinum</i> St. John's Wort Groundcover	#1	POT	18" O.C.
	LI MU	<i>Liriope muscari</i> 'Big Blue' Big Blue Lily Turf	#1	POT	18" O.C.
	SA OF	<i>Salvia x sylvestris</i> 'Blauhugel' Blue Hill Meadow Sage	#1	CONT.	18" O.C.

*PLANT SUBSTITUTIONS MAY BE REQUIRED DEPENDING ON PLANT AVAILABILITY. ANY SUBSTITUTIONS MUST BE APPROVED BY LANDSCAPE ARCHITECT AND SHALL MEET MINIMUM CODE REQUIREMENTS AT TIME OF INSTALLATION.



Columbus
100 Northwoods Blvd, Ste A
Columbus, Ohio 43235
p 614.255.3399

Cincinnati
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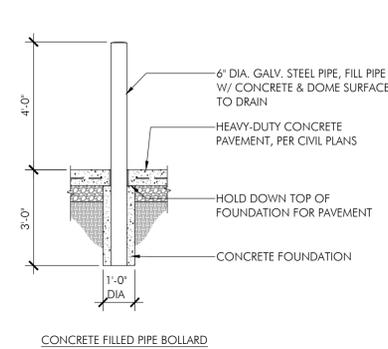
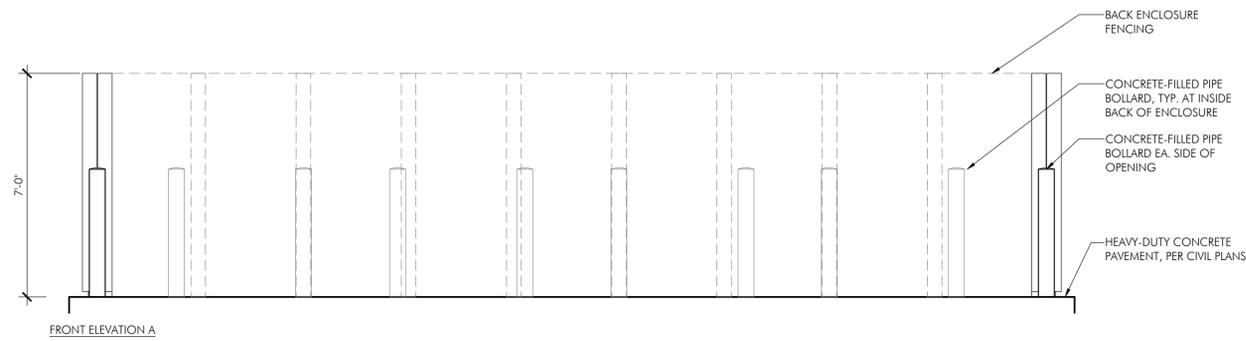
Project Info
Project # 24027
Date 02/10/2026
By JW
Scale As Shown

Revisions

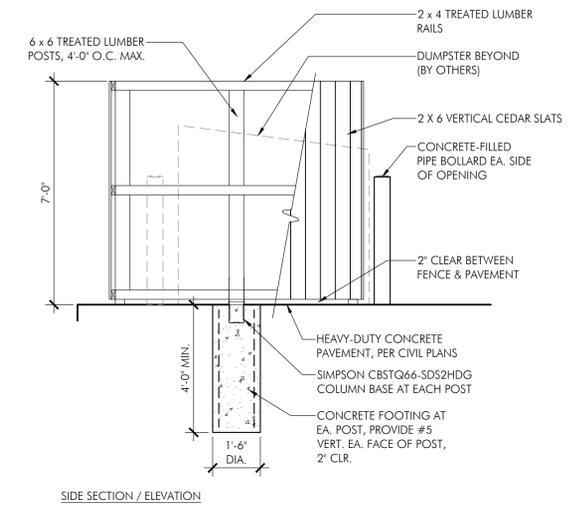
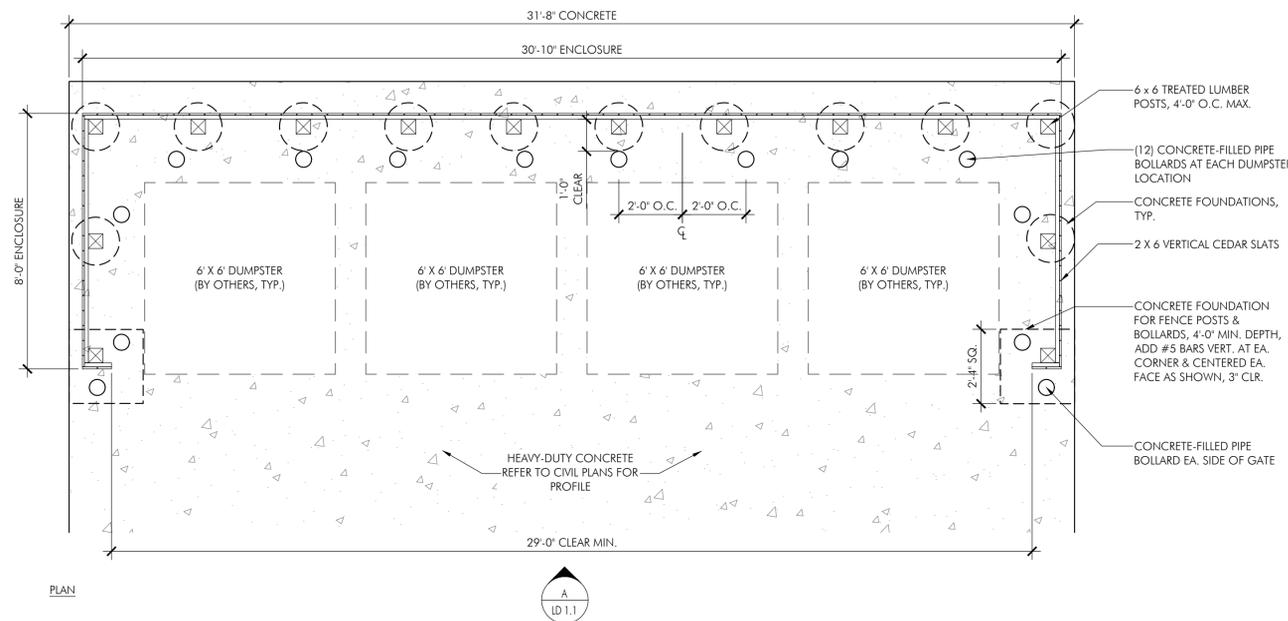
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FINAL DEVELOPMENT PLAN - LANDSCAPE PLAN



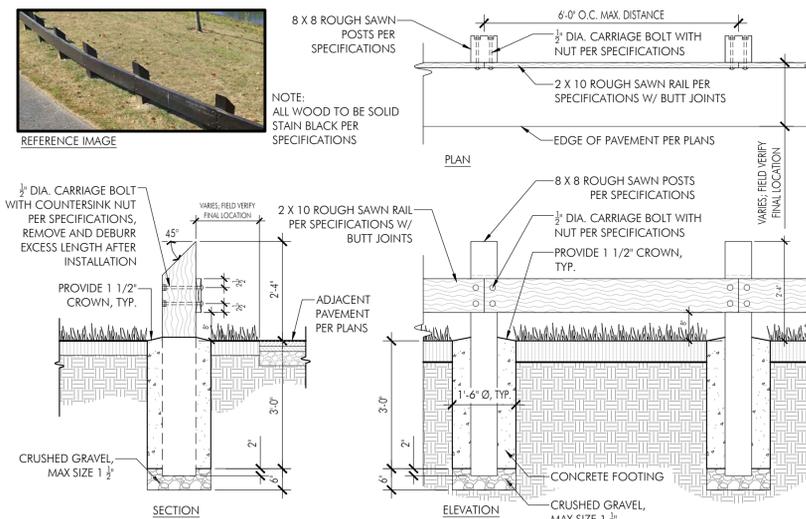
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L1.0



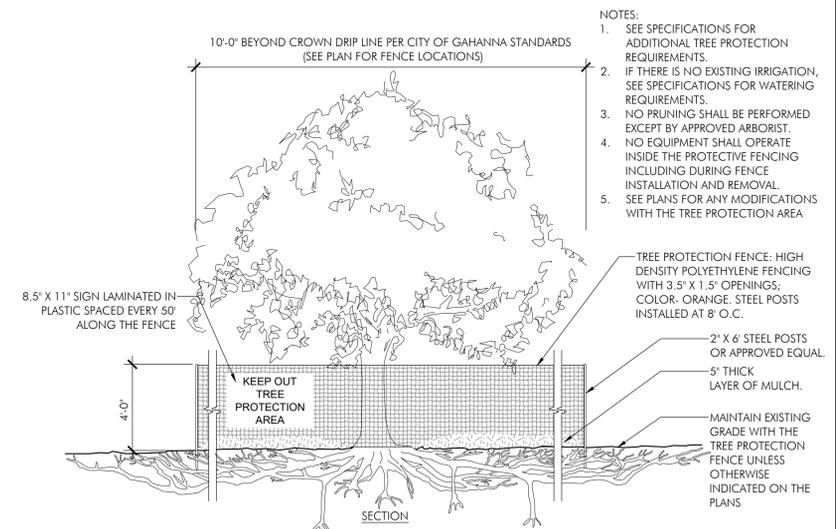
- NOTES:**
- CONTRACTOR TO SUBMIT ALL MATERIALS & PRODUCT DATA TO OWNER FOR APPROVAL.
 - ALL HARDWARE PER SPECIFICATIONS
 - ALL WOOD PER SPECIFICATIONS, STAIN COLOR. COLOR BLACK PER SPECIFICATIONS, TREATED MATERIALS AND SEALANTS PER SPECIFICATIONS.
 - ALL BOLLARDS TO BE PAINTED YELLOW RAL 1028



1 Dumpster Enclosure
3/8" = 1'-0"



2 Wood Guard Rail
1/2" = 1'-0"



3 Tree Protection
1/4" = 1'-0"

- NOTES:**
- SEE SPECIFICATIONS FOR ADDITIONAL TREE PROTECTION REQUIREMENTS.
 - IF THERE IS NO EXISTING IRRIGATION, SEE SPECIFICATIONS FOR WATERING REQUIREMENTS.
 - NO PRUNING SHALL BE PERFORMED EXCEPT BY APPROVED ARBORIST.
 - NO EQUIPMENT SHALL OPERATE INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
 - SEE PLANS FOR ANY MODIFICATIONS WITH THE TREE PROTECTION AREA.

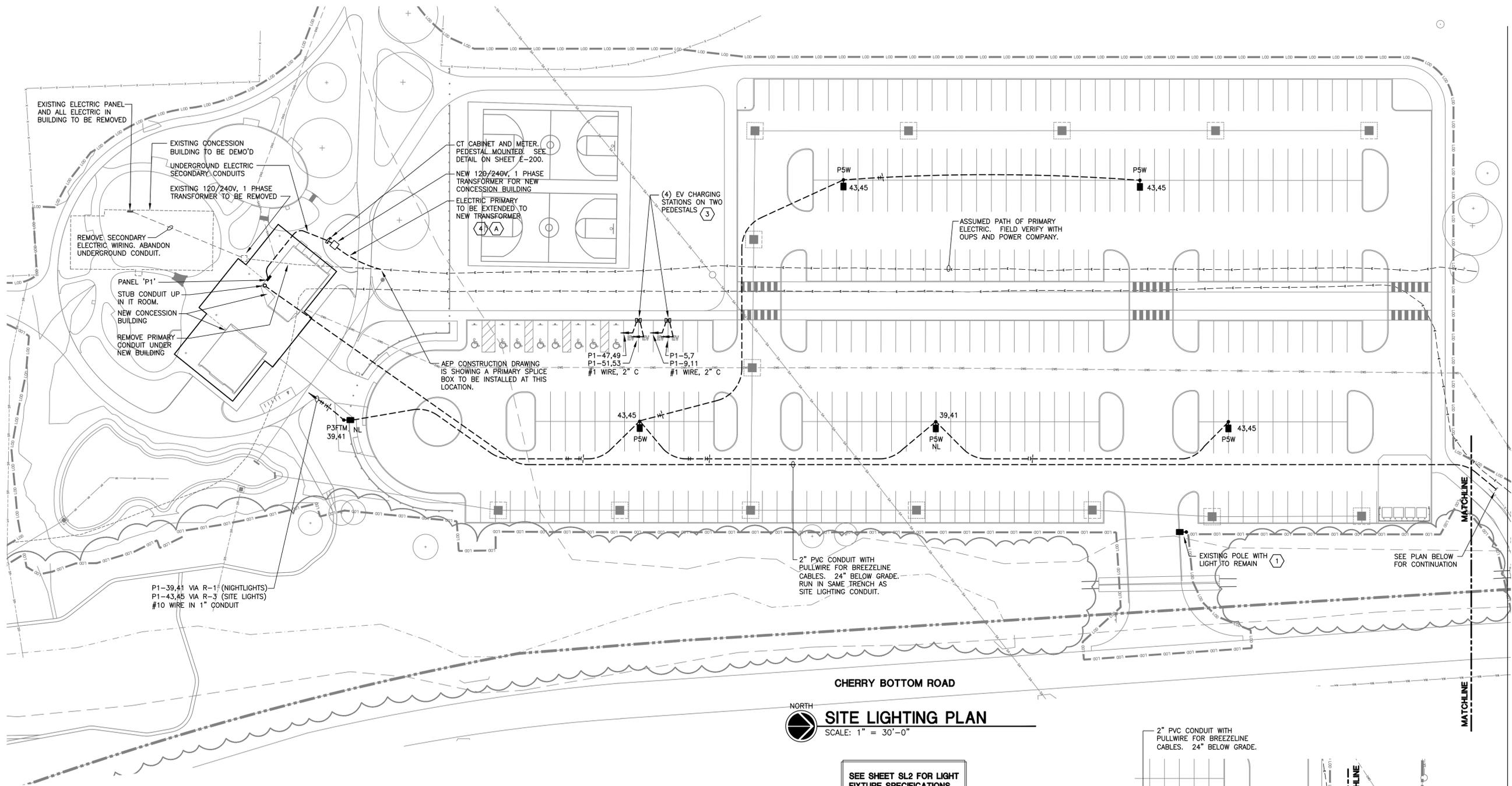
Project Info

Project # 2416-C
Date 2/19/2026
By MECI
Scale As Shown

Revisions

Sheet Title

SITE LIGHTING PLAN



SITE LIGHTING PLAN
SCALE: 1" = 30'-0"

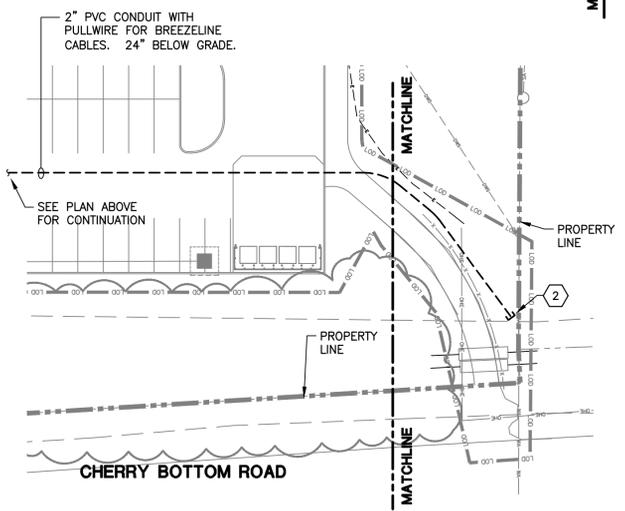
SEE SHEET SL2 FOR LIGHT FIXTURE SPECIFICATIONS

SITE LEGEND	
	TRANSFORMER
	BRANCH CIRCUIT CONDUIT, 1/2" MINIMUM, CONCEALED BELOW SLAB OR IN CEILING'S OR WALLS, SLASH MARKS INDICATE NUMBER OF CONDUCTORS, #12 AWG. UNLESS NOTED OTHERWISE.
	HOMERUN TO PANELBOARD, 3/4" MINIMUM. LETTER INDICATES PANEL, NUMBERS INDICATE CIRCUITS.
	WIRING & CONDUIT UNDERFLOOR
	JUNCTION BOX
	SECONDARY ELECTRIC
	PRIMARY ELECTRIC
	EXISTING
	GROUND FAULT INTERRUPTOR
	NIGHTLIGHT
	INDICATES SAME CIRCUIT USED ELSEWHERE
	WEATHERPROOF
	CODED NOTE, NUMBER 2 IDENTIFICATION

SITE CODED NOTES	
1.	FIELD VERIFY POWER SOURCE AND MAINTAIN CIRCUIT. POWER COMPANY DRAWINGS INDICATES LIGHT IS FED FROM 120/240 VOLT RESIDENTIAL TRANSFORMER AT NORTH PROPERTY LINE.
2.	FIELD COORDINATE STUB LOCATION AND EXACT REQUIREMENTS WITH BREEZELINE. EXTENSION OF CONDUIT TO BREEZELINE UNDERGROUND FACILITY AND CABLE FROM FACILITY TO BUILDING BY BREEZELINE. BREEZELINE CONTACT: WARREN HUNLEY, 614-668-8207. WHUNLEY@BREEZELINE.COM
3.	EV CHARGERS BY CONTRACTOR. EACH CHARGER IS 12 KW, 50 AMP AT 240 VOLT/CHARGER. SEE PANEL 'P1' SCHEDULE FOR WIRING. TWO BACK TO BACK CHARGERS ARE TO BE INSTALLED ON ONE PEDESTAL. INSTALL PEDESTAL AND CHARGER PER MANUFACTURERS INSTALLATION INSTRUCTIONS INCLUDING GROUNDING AND CONCRETE BASE. AUTEL 'MAXI'CHARGER AC ELITE BUSINESS C50' MODEL #MAXI-US-AC-W12-L-4G
4.	MAINTAIN 3' SEPARATION FROM PARALLEL UTILITIES. MAINTAIN 1' VERTICAL SEPARATION AT UTILITY CROSSINGS.

SITE GENERAL NOTES	
A.	AEP CONTACT IS KYLE J DICKS. CELL: 614-208-0310. EMAIL: KJCDICKS@AEP.COM

PRIMARY ELECTRIC CODED NOTES	
A.	For Building Construction, Aep will require the contractor to install trenching between the splice location of the existing primary line and the new transformer location. Trench will need to be a minimum of 36 inches deep below final grade, 6 inches wide with minimum 2-3" electrical schedule 40 conduit installed in the trench with sweeping 90 degree elbows at both ends with a minimum 3/4" nylon pullrope installed in the conduit for AEP to pull the wire thru. Trench will need to be inspected by AEP prior to backfilling. When the trench is ready to be inspected email KYLE DICKS photos of the trench with a tape measure showing it has been trenched to the proper depth and width as well as photos showing the ends are in the proper position with a pull string. When the trench has been inspected & approved the trench midsection can be backfilled.



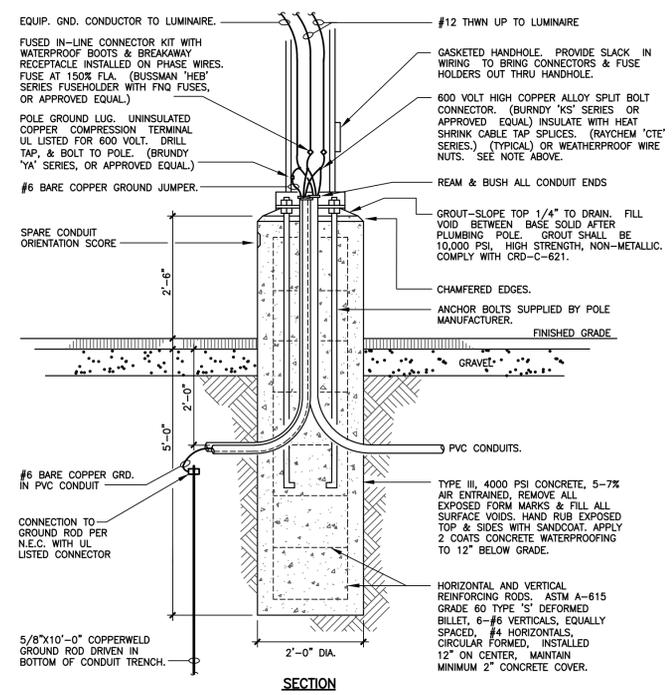
PARTIAL NORTH PLAN
SCALE: 1" = 30'-0"



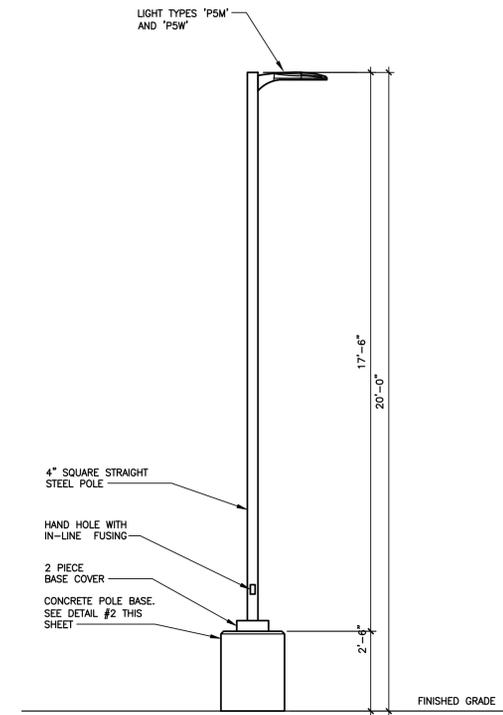
SITE LIGHTING FIXTURE SCHEDULE	
P3FTM	POLE MOUNTED LED AREA LUMINAIRE, FULL CUTOFF WITH FORWARD THROW MEDIUM LIGHT DISTRIBUTION, SINGLE PIECE DIE CAST ALUMINUM HOUSING, INTEGRAL HEAT SINK FINS, IP65 RATED, PRECISION MOLDED ACRYLIC LENSES, 30 LED ARRAY, 12,575 LUMENS, 4,000K, 70 CRI, 700 mA ELECTRONIC DRIVER(S), MOUNT TO 17'-6" LONG, 4" SQUARE STRAIGHT STEEL POLE, 11 GAUGE w/ HAND HOLE AND BASE COVER, DARK BRONZE FINISH, 240 VOLT, 102 WATTS. FIXTURE: LITHONIA DSX1-LED-P3-40K-70CRI-TFTM-MVOLT-SPA-DBXD POLE: #SSS-QS-17.5'-4C-DM19AS-DBXD or equal by McGraw Edison, Architectural Area Lighting, Lumark, Gardco, and others.
P5W	POLE MOUNTED LED AREA LUMINAIRE, FULL CUTOFF WITH TYPE 5 WIDE DISTRIBUTION, SINGLE PIECE DIE CAST ALUMINUM HOUSING, INTEGRAL HEAT SINK FINS, IP65 RATED, PRECISION MOLDED ACRYLIC LENSES, 30 LED ARRAY, 14,505 LUMENS, 4,000K, 70 CRI, 1050 mA ELECTRONIC DRIVER(S), MOUNT TO 17'-6" LONG, 4" SQUARE STRAIGHT STEEL POLE, 11 GAUGE w/ HAND HOLE AND BASE COVER, DARK BRONZE FINISH, 240 VOLT, 102 WATTS. FIXTURE: LITHONIA DSX1-LED-P3-40K-70CRI-T5W-MVOLT-SPA-DBXD POLE: #SSS-QS-17.5'-4C-DM19AS-DBXD or equal by McGraw Edison, Architectural Area Lighting, Lumark, Gardco, and others.
WM1	WALL MOUNTED CUT-OFF SMALL WALL PACK WITH 750 LUMENS, 35K, 80 CRI, WEDGE SHAPE, VISUAL COMFORT WIDE OPTICS, BLACK FINISH, 120 VOLT, 7 WATTS. LITHONIA #WJDE1-LED-PO-35K-80CRI-VW-MVOLT-DBLXD or equal

FL2, WM1 AND WM2 LIGHT SPECIFICATIONS ARE ON THE BUILDING PLANS

NOTE:
THIS STANDARD DETAIL COVERS VARIOUS INSTALLATIONS. PROVIDE IN-LINE FUSES FOR EACH 'HOT' WIRE ONLY (120 - ONE FUSE, 240 VOLT, SINGLE PHASE - TWO FUSES).
WIRE CONNECTORS INSIDE POLE AT HANDHOLE MAY BE WEATHERPROOF TYPE WIRE NUTS FOR #12 AND #10 WIRE. FOR LARGER WIRE SIZES, CONNECTORS SHALL BE SPLIT BOLT CONNECTORS AS NOTED ON DETAIL.

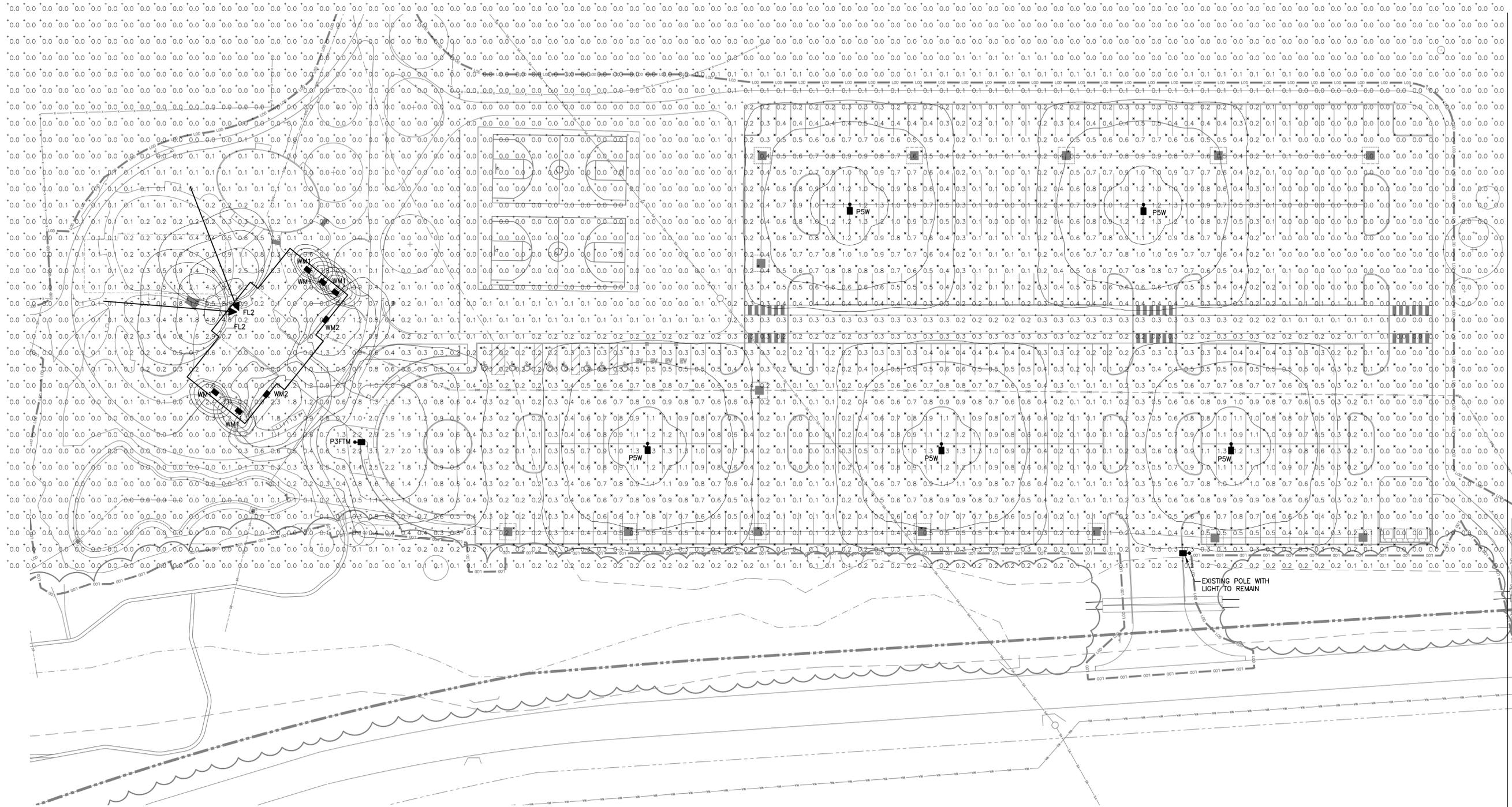


2 POLE BASE DETAIL
SL2 N.T.S.



1 LIGHTING FIXTURE w/2'-6" POLE BASE ELEVATION
SL2 N.T.S.

USED IN PAVED AREAS



NORTH

SITE LIGHTING PHOTOMETRICS
 SCALE: 1" = 30'-0"

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
EAST PARKING	X	0.4 fc	1.3 fc	0.0 fc	N/A	N/A
WEST PARKING	X	0.4 fc	1.3 fc	0.0 fc	N/A	N/A



Columbus
 100 Northwoods Blvd,
 Ste A
 Columbus, Ohio 43235
 p 614.255.3399

Cincinnati
 20 Village Square, Floor
 3
 Cincinnati, Ohio 45246
 p614.360.3066

PODdesign.net

McMULLEN ENGINEERING CO., INC.
 MECHANICAL AND ELECTRICAL ENGINEERS
 100 South State Street, Westerville, Ohio 43081
 614-895-9408 FAX:614-895-9450
 E-Mail: meci@mcmulleneng.com
 Web: http://www.mcmulleneng.com

Project Name
Academy Park
 1201 Cherry Bottom
 Road
 Gahanna, OH 43230



Prepared For
 Gahanna Parks & Recreation
 200 South Hamilton Road
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Project Info
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 Date 2/19/2026
 By MECI
 Scale As Shown

Revisions

Sheet Title
**SITE LIGHTING
 PHOTOMETRICS**



Sheet #
SLXP



d²series

D-Series DSXF2 LED Floodlight



Catalog
Number

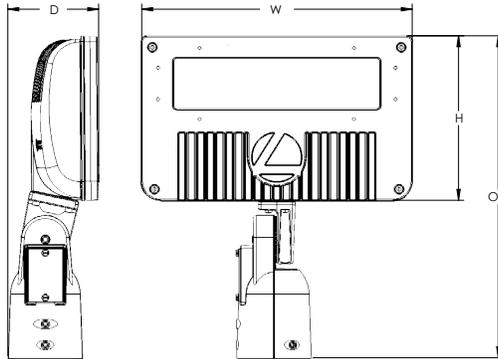
Notes

Type

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

Specifications

EPA @ 90°:	0.8 ft ² (0.07 m ²)
Depth:	4.32" (11.0 cm)
Width:	12.87" (32.7 cm)
Height:	7.83" (19.9 cm)
Overall Height:	15.33" (39.0 cm)
Weight:	12.0 lbs (5.4 kg)



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 DSXF2 delivers 7,000 to 17,000 lumens, meeting a large breadth of illumination requirements for design and renovation when replacing 175W, 250W and 400W HID floodlights. All configurations are assembled in the USA allowing for quick delivery.



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.

*See ordering tree for details

ds Design Select options indicated by this color background.

Ordering Information

EXAMPLE: DSXF2 LED P1 40K 70CRI MSP MVOLT THK DDBXD

DSXF2 LED	Performance Package	Color Temperature	CRI	Distribution	Voltage	Mounting
DSXF2 LED	P1 P2 P3 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 flood (6X4) MSP Medium spot (4X4) NSP Narrow spot (3X3)	MVOLT ² 347 480 Shipped included THK Knuckle with 1/2" NPT threaded pipe YKC62 Yoke with 2ft 16-3 SO cord IS Integral slipfitter (fits 2-3/8" O.D. tenon)

Options	Finish (required)
Shipped installed PE Photocontrol, button style (MVOLT or 347V) ³ DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) SPD10KV Separate surge protection CCE Coastal Construction ⁴	Shipped separately⁵ UBV Upper/bottom visor (universal) FV Full visor VG Vandal guard DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White

Accessories⁴

Ordered and shipped separately.

DSXF1/2TS 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)
DSXF2UBV DDBXD U	Upper/bottom visor accessory (specify finish)
DSXF2FV DDBXD U	Full visor accessory (specify finish)
DSXF2VG U	Vandal guard accessory

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

NOTES

- Performance package P4 is not available with HMF, MFL, MSP and NSP optics.
- MVOLT driver operates on line voltage from 120-277V.
- Requires MVOLT or 347V (Not available in 480V).
- CCE option not available with DSXF1/2 TS or FTS CG6
- Also available as separate accessories; see Accessories information at left.



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DSXF2-LED
Rev. 04/29/25
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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	NEMA 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	52	WFL	6 X 6	109	106	83	87	7,353	140	3,777	7,489	143	3,847	7,625	145	3,917
		FL	5 X 5	94	93	68	69	7,290	139	5,804	7,426	142	5,912	7,561	144	6,019
		WFR	6 X 5	108	93	84	69	7,375	141	4,722	7,512	143	4,810	7,648	146	4,897
	64	HMF	6 X 4	125	65	96	54	7,576	119	6,204	7,850	123	6,428	7,774	122	6,365
		MFL	4 X 4	61	60	46	46	7,915	124	12,766	8,201	128	13,228	8,121	127	13,099
		MSP	4 X 4	51	52	27	30	8,138	128	29,618	8,433	132	30,690	8,351	131	30,391
	NSP	3 X 3	41	40	20	17	8,248	129	47,865	8,546	134	49,597	8,463	133	49,114	
P2	75	WFL	6 X 6	109	106	83	87	10,161	135	5,219	10,349	138	5,316	10,538	140	5,142
		FL	5 X 5	94	93	68	69	10,192	136	6,526	10,262	137	8,169	10,448	139	8,318
		WFR	6 X 5	108	93	84	69	10,075	134	8,021	10,381	138	6,646	10,570	141	6,767
	80	HMF	6 X 4	125	65	96	54	8,963	113	7,340	9,288	117	7,605	9,197	115	7,531
		MFL	4 X 4	61	60	46	46	9,364	118	15,104	9,703	122	15,651	9,609	121	15,498
		MSP	4 X 4	51	52	27	30	9,629	121	35,043	9,977	125	36,310	9,880	124	35,957
	NSP	3 X 3	41	40	20	17	9,758	122	56,632	10,111	127	58,681	10,013	126	58,109	
P3	93	WFL	6 X 6	109	106	83	87	12,054	130	6,191	12,278	132	6,306	12,501	135	6,421
		FL	5 X 5	94	93	68	69	11,952	129	9,515	12,173	131	9,691	12,395	133	9,868
		WFR	6 X 5	108	93	84	69	12,091	130	7,741	12,315	133	7,885	12,539	135	8,028
	100	HMF	6 X 4	125	65	96	54	10,487	105	8,588	10,867	109	8,898	10,761	108	8,812
		MFL	4 X 4	61	60	46	46	10,956	110	17,672	11,353	114	18,311	11,242	113	18,133
		MSP	4 X 4	51	52	27	30	11,266	113	41,000	11,674	117	42,483	11,560	116	42,070
	NSP	3 X 3	41	40	20	17	11,417	114	66,260	11,830	119	68,657	11,715	117	67,988	
P4	145	WFL	6 X 6	109	106	83	87	17,104	118	8,785	17,421	120	8,948	17,738	123	9,110
		FL	5 X 5	94	93	68	69	16,959	117	13,501	17,273	119	13,751	17,587	122	14,001
		WFR	6 X 5	108	93	84	69	17,156	119	10,984	17,473	121	11,188	17,791	123	11,391

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 Temperature		Lumen Multiplier (Optics WFL, FL, WFR)	Lumen Multiplier (Optics HMF, MFL, MSP, NSP)
0°C	32°F	1.04	1.06
5°C	41°F	1.04	1.05
10°C	50°F	1.03	1.04
15°C	59°F	1.02	1.03
20°C	68°F	1.01	1.01
25°C	77°F	1.00	1.00
30°C	86°F	0.99	0.99
35°C	95°F	0.98	0.97
40°C	104°F	0.97	0.96

Reported LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient and hours of LED testing (tested per IESNA LM-80-08 and reported 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.

Optic Type	Performance Package	TM-21 Percent Lumen Maintenance at 60,000 hrs
WFL, FL, WFR	P1 / P2 / P3 / P4	85%
MFL, HMF, MSP, NSP	P1 / P2 / P3	88%

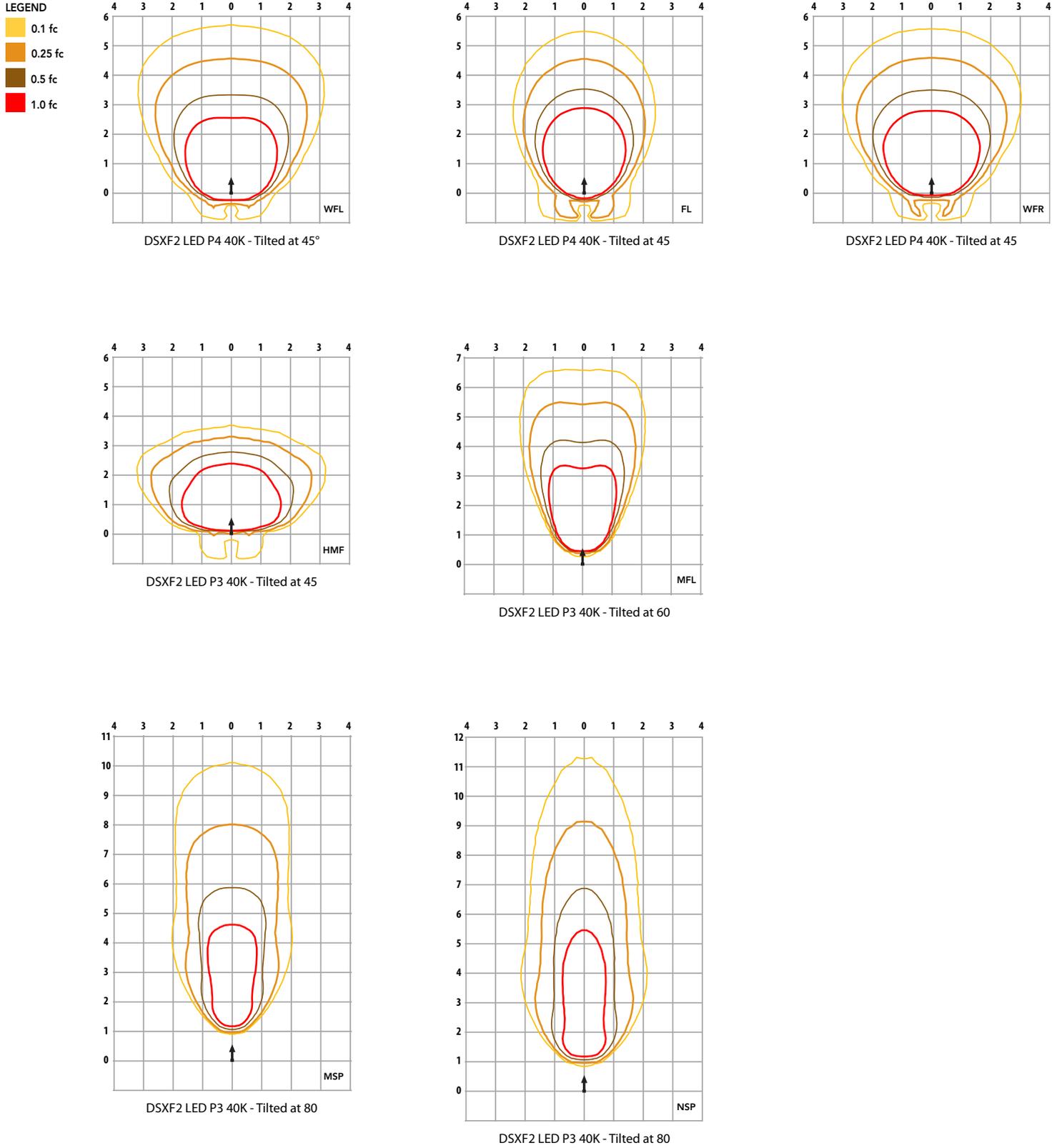
Electrical Load

Performance Package	System Watts (W)	Current (A)						
		120V	208V	240V	277V	347V	480V	
Optic Type WFL, FL, WFR	P1	52	0.45	0.26	0.23	0.20	0.16	0.12
	P2	75	0.63	0.36	0.31	0.27	0.22	0.16
	P3	93	0.77	0.45	0.38	0.33	0.27	0.20
	P4	145	1.18	0.68	0.59	0.51	0.41	0.30
Optic Type HMF, MFL, MSP, NSP	P1	64	0.54	0.31	0.27	0.23	0.19	0.14
	P2	80	0.67	0.39	0.34	0.29	0.24	0.17
	P3	100	0.85	0.49	0.42	0.36	0.29	0.21

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Flood Size 2 homepage](#).

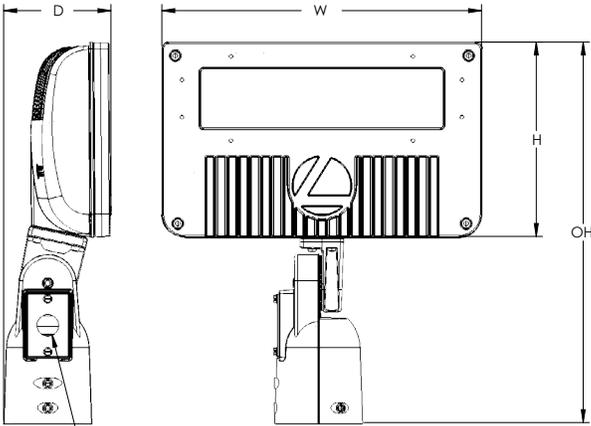
Isofootcandle plots for DSXF2. Distances are in units of mounting height (20ft).



MH = 20ft
Grid = 20ft x 20ft

Dimensions

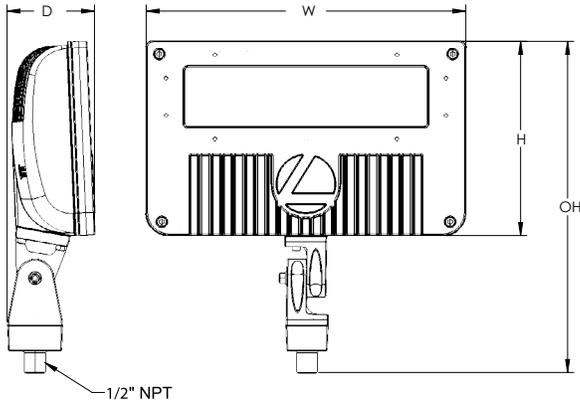
Adjustable Slipfitter (IS)



Width: 12.87" (32.7 cm)
 Depth: 4.32" (11.0 cm)
 Height: 7.83" (19.9 cm) main body
 Overall: 15.33" (39.0 cm) with arm
 Weight: 12 lbs

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

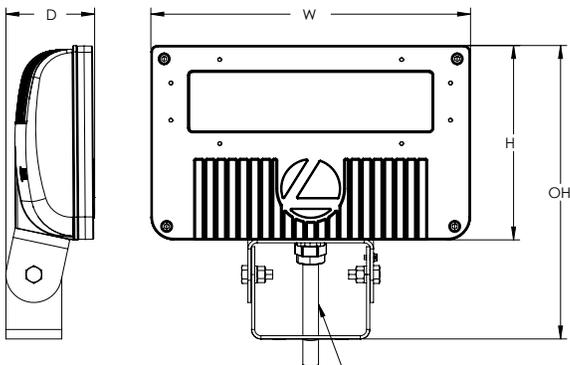
Threaded Knuckle (THK)



Width: 12.87" (32.7 cm)
 Depth: 3.52" (8.9 cm)
 Height: 7.83" (19.9 cm) main body
 Overall: 13.34" (33.9 cm) with arm
 Weight: 10.5 lbs

1/2" NPT

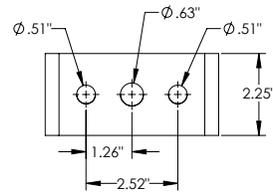
Yoke (YKC62)



Width: 12.87" (32.7 cm)
 Depth: 3.57" (9.0 cm)
 Height: 7.83" (19.9 cm) main body
 Overall: 11.82" (30.0 cm) with arm
 Weight: 10.5 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.)

Yoke (YK) Mounting Detail



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. DSXF2 delivers 7,000 to 17,000 lumens and is ideal for commercial lighting applications including new construction and replacing 175W, 250W and 400W HID floodlights. DSXF2 is ideal for area, security, facade, flagpole and signage lighting applications.

CONSTRUCTION

The DSXF2 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. DSXF2 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.

COASTAL CONSTRUCTION (CCE)

Optional corrosion resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead-times may apply.

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 L85/60,000 hours for WFL, FL and WFR optics and L88/60,000 hours for HMF, MFL, MSP and NSP optics. Class 1 electronic 0-10V continuous dimmable 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).

INSTALLATION

The die-cast integral "IS" 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. DSXF2 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.

CONTROLS

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

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.

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/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.





D-Series Size 1 LED Area Luminaire



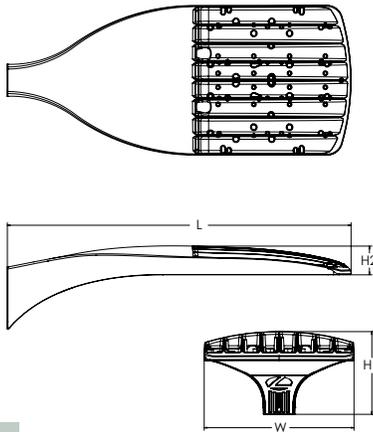
Catalog Number
Notes
Type

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

d#series

Specifications

EPA:	0.69 ft ² (0.06 m ²)
Length:	32.71" (83.1 cm)
Width:	14.26" (36.2 cm)
Height H1:	7.88" (20.0 cm)
Height H2:	2.73" (6.9 cm)
Weight:	34 lbs (15.4 kg)



ds Design Select options indicated by this color background.

Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

Ordering Information

EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

Series	LEDs	Color temperature ²	Color Rendering Index ²	Distribution	Voltage	Mounting
DSX1 LED	Forward optics	(this section 70CRI only)		AFR Automotive front row	TSM Type V medium	Shipped included
	P1 P6	30K 3000K	70CRI	T1S Type I short	TSLG Type V low glare	SPA Square pole mounting (#8 drilling)
	P2 P7	40K 4000K	70CRI	T2M Type II medium	T5W Type V wide	RPA Round pole mounting (#8 drilling)
	P3 P8	50K 5000K	70CRI	T3M Type III medium	BLC3 Type III backlight control ³	SPA5 Square pole mounting #5 drilling ⁹
	P4 P9			T3LG Type III low glare ³	BLC4 Type IV backlight control ³	RPA5 Round pole mounting #5 drilling ⁹
	P5	27K 2700K	80CRI	T4M Type IV medium	LCCO Left corner cutoff ³	SPA8N Square narrow pole mounting #8 drilling
	Rotated optics	30K 3000K	80CRI	T4LG Type IV low glare ³	RCCO Right corner cutoff ³	WBA Wall bracket ¹⁰
	P10 ¹ P12 ¹	35K 3500K	80CRI	TFTM Forward throw medium		MA Mast arm adapter (mounts on 2 3/8" OD horizontal tenon)
	P11 ¹ P13 ¹	40K 4000K	80CRI			
		50K 5000K	80CRI			

Control options	Other options	Finish (required)
Shipped installed	Shipped installed	DDBXD Dark Bronze
NLTAIR2 PIRHN nLight AIR gen 2 enabled with bi-level motion / ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc. ^{11, 12, 20, 21}	SPD20KV 20KV surge protection	DBLXD Black
PIR High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc. ^{13, 20, 21}	HS Houseside shield (black finish standard) ²²	DNAXD Natural Aluminum
PER NEMA twist-lock receptacle only (controls ordered separately) ¹⁴	L90 Left rotated optics ¹	DWHXD White
PER5 Five-pin receptacle only (controls ordered separate) ^{14, 21}	R90 Right rotated optics ¹	DDBTXD Textured dark bronze
PER7 Seven-pin receptacle only (controls ordered separate) ^{14, 21}	CCE Coastal Construction ²³	DBLBXD Textured black
FAO Field adjustable output ^{15, 21}	HA 50°C ambient operation ²⁴	DNATXD Textured natural aluminum
BL30 Bi-level switched dimming, 30% ^{16, 21}	BAA Buy America(n) Act and/or Build America Buy America Qualified	DWHGXD Textured white
BL50 Bi-level switched dimming, 50% ^{16, 21}	SF Single fuse (120, 277, 347V) ²⁵	
DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) ¹⁷	DF Double fuse (208, 240, 480V) ²⁶	
DS Dual switching ^{18, 19, 21}	Shipped separately	
	EGSR External Glare Shield (reversible, field install required, matches housing finish)	
	BSDB Bird Spikes (field install required)	



Ordering Information

Accessories

Ordered and shipped separately.

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ²⁵
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ²⁵
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ²⁵
DSHORT SBK	Shorting cap ²⁵
DSX1HS P#	House-side shield (enter package number 1-13 in place of #)
DSXRPA (FINISH)	Round pole adapter (#8 drilling, specify finish)
DSXSPA5 (FINISH)	Square pole adapter #5 drilling (specify finish)
DSXRPA5 (FINISH)	Round pole adapter #5 drilling (specify finish)
DSX1EGSR (FINISH)	External glare shield (specify finish)
DSX1BSDB (FINISH)	Bird spike deterrent bracket (specify finish)

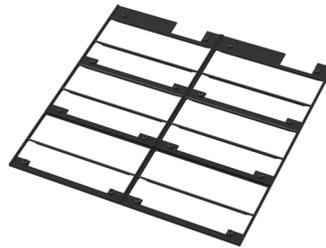
NOTES

- Rotated optics available with packages P10, P11, P12 and P13. Must be combined with option L90 or R90.
- 30K, 40K, and 50K available in 70CRI and 80CRI. 27K and 35K only available with 80CRI. Contact Technical Support for other possible combinations.
- T3LG, T4LG, BLC3, BLC4, LCCO, RCCO not available with option HS.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- HVOLT not available with package P1 and P10 when combined with option NLTAIR2 PIRHN or option PIR.
- XVOLT operates with any voltage between 277V and 480V (50/60 Hz).
- XVOLT not available in packages P1 or P10. XVOLT not available with fusing (SF or DF).
- SPA5 and RPA5 for use with #5 drilling only (Not for use with #8 drilling).
- WBA cannot be combined with Type 5 distributions plus photocell (PER).
- NLTAIR2 and PIRHN must be ordered together. For more information on nLight AIR2 visit this [link](#).
- NLTAIR2 PIRHN not available with other controls including PIR, PER, PER5, PER7, FAO, BL30, BL50, DMG and DS. NLTAIR2 PIRHN not available with P1 and P10 using HVOLT. NLTAIR2 PIRHN not available with P1 and P10 using XVOLT.
- PIR not available with NLTAIR2 PIRHN, PER, PER5, PER7, FAO BL30, BL50, DMG and DS. PIR not available with P1 and P10 using HVOLT. PIR not available with P1 and P10 using XVOLT.
- PER/PER5/PER7 not available with NLTAIR2 PIRHN, PIR, BL30, BL50, FAO, DMG and DS. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- FAO not available with other dimming control options NLTAIR2 PIRHN, PIR, PER5, PER7, BL30, BL50, DMG and DS.
- BL30 and BL50 are not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, FAO, DMG and DS. BL30 or BL50 must specify 120 or 277V.
- DMG not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, BL30, BL50, FAO and DS.
- DS not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, BL30, BL50, FAO and DMG.
- DS requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads using (2) drivers. DS only available with packages P8, P9, P10, P11, P12 and P13.
- Reference Motion Sensor Default Settings table on page 4 to see functionality.
- Reference Controls Options table on page 4.
- HS not available with T3LG, T4LG, BLC3, BLC4, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- CCE option not available with option BS and EGSR. Contact Technical Support for availability.
- Option HA not available with performance packages P4, P5, P7, P8, P9 and P13.
- Requires luminaire to be specified with PER, PER5 or PER7 option. See Controls Table on page 4.
- Single fuse (SF) requires 120V, 277V, or 347V. Double fuse (DF) requires 208V, 240V or 480V. XVOLT not available with fusing (SF or DF).

Shield Accessories



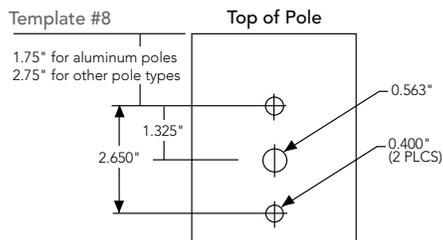
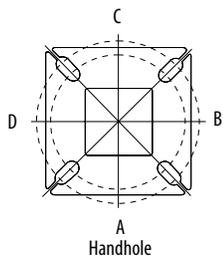
External Glare Shield (EGSR)



House Side Shield (HS)

Drilling

HANDHOLE ORIENTATION



Tenon Mounting Slipfitter

Tenon O.D.	Mounting	Single Unit	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
2-3/8"	RPA	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 390	AS3-5 320	AS3-5 490
2-7/8"	RPA	AST25-190	AST25-280	AST25-290	AST25-390	AST25-320	AST25-490
4"	RPA	AST35-190	AST35-280	AST35-290	AST35-390	AST35-320	AST35-490

Mounting Option	Drilling Template	Single	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
Head Location		Side B	Side B & D	Side B & C	Side B, C & D	Round Pole Only	Side A, B, C & D
Drill Nomenclature	#8	DM19AS	DM28AS	DM29AS	DM39AS	DM32AS	DM49AS
Minimum Acceptable Outside Pole Dimension							
SPA	#8	3.5"	3.5"	3.5"	3.5"		3.5"
RPA	#8	3"	3"	3"	3"	3"	3"
SPA5	#5	3"	3"	3"	3"		3"
RPA5	#5	3"	3"	3"	3"	3"	3"
SPA8N	#8	3"	3"	3"	3"		3"

DSX1 Area Luminaire - EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration	Single DM19	2 @ 180 DM28	2 @ 90 DM29	3 @ 90 DM39	3 @ 120 DM32	4 @ 90 DM49
Mounting Type						
DSX1 with SPA	0.69	1.38	1.23	1.54	---	1.58
DSX1 with SPA5, SPA8N	0.70	1.40	1.30	1.66	---	1.68
DSX1 with RPA, RPA5	0.70	1.40	1.30	1.66	1.60	1.68
DSX1 with MA	0.83	1.66	1.50	2.09	2.09	2.09

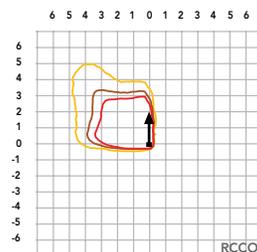
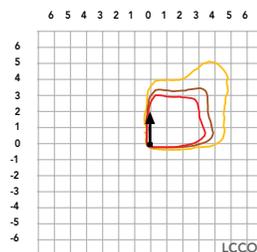
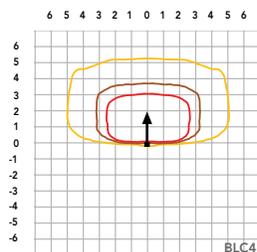
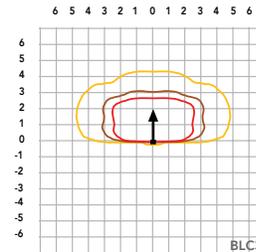
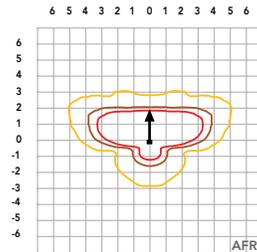
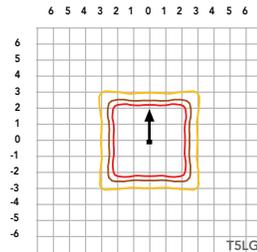
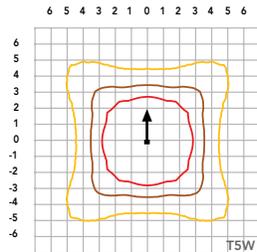
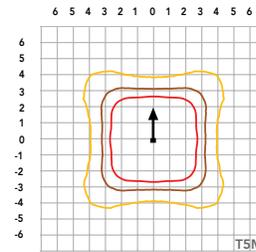
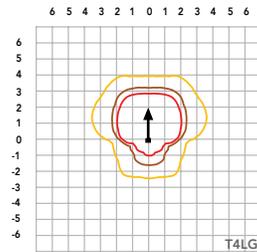
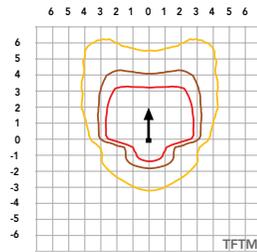
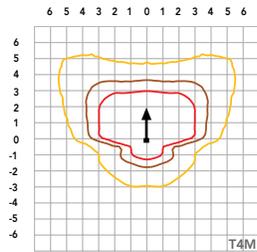
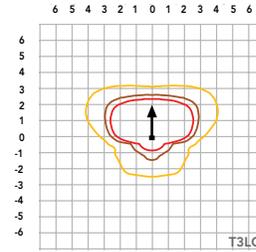
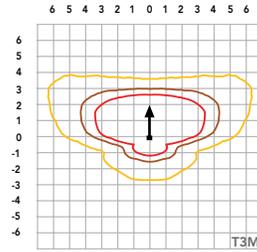
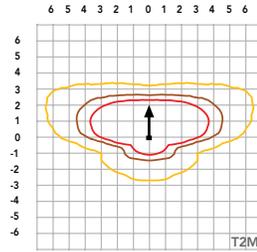
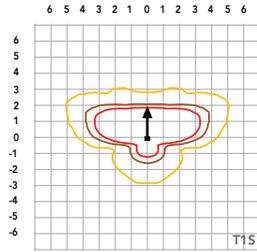
Photometric Diagrams

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

Isofootcandle plots for the DSX1 LED P9 40K 70CRI. Distances are in units of mounting height (25').

LEGEND

- 0.1 fc
- 0.5 fc
- 1.0 fc



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

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

Ambient		Lumen Multiplier
0°C	32°F	1.04
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

Projected LED Lumen Maintenance

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

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

Operating Hours	Lumen Maintenance Factor
0	1.00
25,000	0.95
50,000	0.90
100,000	0.81

FAO Dimming Settings

FAO Position	% Wattage	% Lumen Output
8	100%	100%
7	93%	95%
6	80%	85%
5	66%	73%
4	54%	61%
3	41%	49%
2	29%	36%
1	15%	20%

*Note: Calculated values are based on original performance package data. When calculating new values for given FAO position, use maximum published values by package listed on specification sheet (input watts and lumens by optic type).

Electrical Load

	Performance Package	LED Count	Drive Current (mA)	Wattage	Current (A)					
					120V	208V	240V	277V	347V	480V
Forward Optics (Non-Rotated)	P1	30	530	51	0.42	0.24	0.21	0.18	0.15	0.11
	P2	30	700	68	0.56	0.33	0.28	0.24	0.20	0.14
	P3	30	1050	104	0.85	0.49	0.43	0.37	0.29	0.21
	P4	30	1250	125	1.03	0.60	0.52	0.45	0.36	0.26
	P5	30	1400	142	1.15	0.66	0.58	0.50	0.40	0.29
	P6	40	1250	167	1.38	0.79	0.69	0.60	0.48	0.34
	P7	40	1400	188	1.54	0.89	0.77	0.67	0.53	0.38
	P8	60	1100	216	1.80	1.04	0.90	0.78	0.62	0.45
	P9	60	1400	279	2.31	1.33	1.15	1.00	0.80	0.58
Rotated Optics (Requires L90 or R90)	P10	60	530	101	0.84	0.49	0.42	0.37	0.29	0.21
	P11	60	700	135	1.12	0.65	0.56	0.49	0.39	0.28
	P12	60	1050	206	1.72	0.99	0.86	0.74	0.59	0.43
	P13	60	1400	279	2.30	1.33	1.15	1.00	0.79	0.57

LED Color Temperature / Color Rendering Multipliers

	70 CRI		80CRI		90CRI	
	Lumen Multiplier	Availability	Lumen Multiplier	Availability	Lumen Multiplier	Availability
5000K	102%	Standard	92%	Extended lead-time	71%	(see note)
4000K	100%	Standard	92%	Extended lead-time	67%	(see note)
3500K	100%	(see note)	90%	Extended lead-time	63%	(see note)
3000K	96%	Standard	87%	Extended lead-time	61%	(see note)
2700K	94%	(see note)	85%	Extended lead-time	57%	(see note)

Note: Some LED types are available as per special request. Contact Technical Support for more information.

Motion Sensor Default Settings

Option	Unoccupied Dimmed Level	High Level (when occupied)	Photocell Operation	Dwell Time	Ramp-up Time	Dimming Fade Rate
PIR	30%	100%	Enabled @ 2FC	7.5 min	3 sec	5 min
NLTAIR2 PIRHN	30%	100%	Enabled @ 2FC	7.5 min	3 sec	5 min

Controls Options

Nomenclature	Description	Functionality	Primary control device	Notes
FAO	Field adjustable output device installed inside the luminaire; wired to the driver dimming leads.	Allows the luminaire to be manually dimmed, effectively trimming the light output.	FAO device	Cannot be used with other controls options that need the 0-10V leads
DS (not available on DSX0)	Drivers wired independently for 50/50 luminaire operation	The luminaire is wired to two separate circuits, allowing for 50/50 operation.	Independently wired drivers	Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative.
PERS or PER7	Twist-lock photocell receptacle	Compatible with standard twist-lock photocells for dusk to dawn operation, or advanced control nodes that provide 0-10V dimming signals.	Twist-lock photocells such as DLL Elite or advanced control nodes such as ROAM.	Pins 4 & 5 to dimming leads on driver, Pins 6 & 7 are capped inside luminaire. Cannot be used with other controls options that need the 0-10V leads.
PIR	Motion sensor with integral photocell. Sensor suitable for 8' to 40' mounting height.	Luminaires dim when no occupancy is detected.	Acuity Controls rSBG	Cannot be used with other controls options that need the 0-10V leads.
NLTAIR2 PIRHN	nLight AIR enabled luminaire for motion sensing, photocell and wireless communication.	Motion and ambient light sensing with group response. Scheduled dimming with motion sensor over-ride when wirelessly connected to the nLight Elypse.	nLight Air rSBG	nLight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app. Cannot be used with other controls options that need the 0-10V leads.
BL30 or BL50	Integrated bi-level device that allows a second control circuit to switch all light engines to either 30% or 50% light output	BLC device provides input to 0-10V dimming leads on all drivers providing either 100% or dimmed (30% or 50%) control by a secondary circuit	BLC UVOLT1	BLC device is powered off the 0-10V dimming leads, thus can be used with any input voltage from 120 to 480V

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 configurations shown within the tolerances described within LM-79. Contact factory for performance data on any configurations not shown here.

Forward Optics																			
Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K					40K					50K				
					(3000K, 70 CRI)					(4000K, 70 CRI)					(5000K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	30	530	T1S	7,776	1	0	2	153	8,104	1	0	2	159	8,262	1	0	2	162
				T2M	7,203	1	0	3	142	7,507	2	0	3	147	7,653	2	0	3	150
				T3M	7,287	1	0	3	143	7,594	1	0	3	149	7,742	1	0	3	152
				T3LG	6,509	1	0	1	128	6,783	1	0	1	133	6,916	1	0	1	136
				T4M	7,395	1	0	3	145	7,707	1	0	3	151	7,857	1	0	3	154
				T4LG	6,726	1	0	1	132	7,010	1	0	1	138	7,146	1	0	1	140
				TFTM	7,446	1	0	3	146	7,760	1	0	3	152	7,912	1	0	3	155
				T5M	7,609	3	0	2	149	7,930	3	0	2	156	8,084	3	0	2	159
				T5W	7,732	3	0	2	152	8,058	4	0	2	158	8,215	4	0	2	161
				T5LG	7,631	3	0	1	150	7,953	3	0	1	156	8,108	3	0	1	159
				BLC3	5,300	0	0	2	104	5,524	0	0	2	109	5,631	0	0	2	111
				BLC4	5,474	0	0	3	108	5,705	0	0	3	112	5,816	0	0	3	114
				RCCO	5,348	0	0	2	105	5,573	0	0	2	109	5,682	0	0	2	112
				LCCO	5,348	0	0	2	105	5,573	0	0	2	109	5,682	0	0	2	112
				AFR	7,776	1	0	2	153	8,104	1	0	2	159	8,262	1	0	2	162
				P2	68W	30	700	T1S	9,997	1	0	2	147	10,418	1	0	2	154	10,621
T2M	9,260	2	0					3	137	9,651	2	0	3	142	9,839	2	0	3	145
T3M	9,368	2	0					3	138	9,763	2	0	3	144	9,953	2	0	3	147
T3LG	8,368	1	0					2	123	8,721	1	0	2	129	8,891	1	0	2	131
T4M	9,507	2	0					3	140	9,909	2	0	3	146	10,102	2	0	3	149
T4LG	8,647	1	0					2	128	9,012	1	0	2	133	9,187	1	0	2	136
TFTM	9,573	2	0					3	141	9,977	2	0	3	147	10,172	2	0	3	150
T5M	9,782	4	0					2	144	10,195	4	0	2	150	10,393	4	0	2	153
T5W	9,940	4	0					2	147	10,360	4	0	2	153	10,562	4	0	2	156
T5LG	9,810	3	0					1	145	10,224	3	0	1	151	10,423	3	0	1	154
BLC3	6,814	0	0					2	101	7,101	0	0	2	105	7,240	0	0	2	107
BLC4	7,038	0	0					3	104	7,334	0	0	3	108	7,477	0	0	3	110
RCCO	6,875	1	0					2	101	7,165	1	0	2	106	7,305	1	0	2	108
LCCO	6,875	1	0					2	101	7,165	1	0	2	106	7,305	1	0	2	108
AFR	9,997	1	0					2	147	10,418	1	0	2	154	10,621	1	0	2	157
P3	102W	30	1050					T1S	14,093	2	0	2	138	14,687	2	0	2	144	14,973
				T2M	13,055	2	0	3	128	13,605	2	0	3	133	13,871	2	0	3	136
				T3M	13,206	2	0	4	129	13,763	2	0	4	135	14,031	2	0	4	137
				T3LG	11,797	2	0	2	115	12,294	2	0	2	120	12,534	2	0	2	123
				T4M	13,403	2	0	4	131	13,968	2	0	4	137	14,241	2	0	4	139
				T4LG	12,190	2	0	2	119	12,704	2	0	2	124	12,952	2	0	2	127
				TFTM	13,496	2	0	4	132	14,065	2	0	4	138	14,339	2	0	4	140
				T5M	13,790	4	0	2	135	14,371	4	0	2	141	14,652	4	0	2	143
				T5W	14,013	4	0	3	137	14,605	4	0	3	143	14,889	4	0	3	146
				T5LG	13,830	3	0	2	135	14,413	3	0	2	141	14,694	3	0	2	144
				BLC3	9,606	0	0	2	94	10,011	0	0	2	98	10,206	0	0	2	100
				BLC4	9,921	0	0	3	97	10,340	0	0	3	101	10,541	0	0	3	103
				RCCO	9,692	1	0	2	95	10,101	1	0	2	99	10,298	1	0	2	101
				LCCO	9,692	1	0	2	95	10,101	1	0	2	99	10,298	1	0	2	101
				AFR	14,093	2	0	2	138	14,687	2	0	2	144	14,973	2	0	2	147

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 configurations shown within the tolerances described within LM-79. Contact factory for performance data on any configurations not shown here.

Forward Optics

Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K					40K					50K								
					(3000K, 70 CRI)					(4000K, 70 CRI)					(5000K, 70 CRI)								
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW				
P4	124W	30	1250	T1S	16,416	2	0	3	132	17,109	2	0	3	138	17,442	2	0	3	141				
				T2M	15,207	3	0	4	123	15,849	3	0	4	128	16,158	3	0	4	130				
				T3M	15,383	2	0	4	124	16,032	2	0	4	129	16,345	2	0	4	132				
				T3LG	13,742	2	0	2	111	14,321	2	0	2	116	14,600	2	0	2	118				
				T4M	15,613	2	0	4	126	16,272	2	0	4	131	16,589	2	0	4	134				
				T4LG	14,200	2	0	2	115	14,799	2	0	2	119	15,087	2	0	2	122				
				TFTM	15,721	2	0	4	127	16,384	2	0	4	132	16,703	2	0	4	135				
				T5M	16,063	4	0	2	130	16,741	4	0	2	135	17,067	4	0	2	138				
				T5W	16,324	5	0	3	132	17,013	5	0	3	137	17,344	5	0	3	140				
				T5LG	16,110	3	0	2	130	16,790	4	0	2	135	17,117	4	0	2	138				
				BLC3	11,190	0	0	3	90	11,662	0	0	3	94	11,889	0	0	3	96				
				BLC4	11,557	0	0	3	93	12,044	0	0	3	97	12,279	0	0	4	99				
				RCCO	11,291	1	0	3	91	11,767	1	0	3	95	11,996	1	0	3	97				
				LCCO	11,291	1	0	3	91	11,767	1	0	3	95	11,996	1	0	3	97				
				AFR	16,416	2	0	3	132	17,109	2	0	3	138	17,442	2	0	3	141				
				P5	138W	30	1400	T1S	18,052	2	0	3	131	18,814	2	0	3	136	19,180	2	0	3	139
								T2M	16,723	3	0	4	121	17,428	3	0	4	126	17,768	3	0	4	129
T3M	16,917	3	0					4	122	17,630	3	0	4	128	17,974	3	0	4	130				
T3LG	15,111	2	0					2	109	15,749	2	0	2	114	16,055	2	0	2	116				
T4M	17,169	3	0					5	124	17,893	3	0	5	130	18,242	3	0	5	132				
T4LG	15,615	2	0					2	113	16,274	2	0	2	118	16,591	2	0	2	120				
TFTM	17,288	2	0					4	125	18,017	2	0	5	130	18,368	3	0	5	133				
T5M	17,664	5	0					3	128	18,410	5	0	3	133	18,768	5	0	3	136				
T5W	17,951	5	0					3	130	18,708	5	0	3	135	19,073	5	0	3	138				
T5LG	17,716	4	0					2	128	18,463	4	0	2	134	18,823	4	0	2	136				
BLC3	12,305	0	0					3	89	12,824	0	0	3	93	13,074	0	0	3	95				
BLC4	12,709	0	0					4	92	13,245	0	0	4	96	13,503	0	0	4	98				
RCCO	12,416	1	0					3	90	12,940	1	0	3	94	13,192	1	0	3	95				
LCCO	12,416	1	0					3	90	12,940	1	0	3	94	13,192	1	0	3	95				
AFR	18,052	2	0					3	131	18,814	2	0	3	136	19,180	2	0	3	139				
P6	165W	40	1250					T1S	21,031	2	0	3	127	21,918	2	0	3	133	22,345	2	0	3	135
								T2M	19,482	3	0	4	118	20,303	3	0	4	123	20,699	3	0	4	125
				T3M	19,708	3	0	5	119	20,539	3	0	5	124	20,939	3	0	5	127				
				T3LG	17,604	2	0	2	107	18,347	2	0	2	111	18,704	2	0	2	113				
				T4M	20,001	3	0	5	121	20,845	3	0	5	126	21,251	3	0	5	129				
				T4LG	18,191	2	0	2	110	18,959	2	0	2	115	19,328	2	0	2	117				
				TFTM	20,140	3	0	5	122	20,989	3	0	5	127	21,398	3	0	5	129				
				T5M	20,579	5	0	3	125	21,447	5	0	3	130	21,865	5	0	3	132				
				T5W	20,912	5	0	3	127	21,795	5	0	3	132	22,219	5	0	3	134				
				T5LG	20,638	4	0	2	125	21,509	4	0	2	130	21,928	4	0	2	133				
				BLC3	14,335	0	0	3	87	14,940	0	0	3	90	15,231	0	0	3	92				
				BLC4	14,805	0	0	4	90	15,430	0	0	4	93	15,731	0	0	4	95				
				RCCO	14,464	1	0	3	88	15,074	1	0	3	91	15,368	1	0	3	93				
				LCCO	14,464	1	0	3	88	15,074	1	0	3	91	15,368	1	0	3	93				
				AFR	21,031	2	0	3	127	21,918	2	0	3	133	22,345	2	0	3	135				

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 configurations shown within the tolerances described within LM-79. Contact factory for performance data on any configurations not shown here.

Forward Optics																							
Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K					40K					50K								
					(3000K, 70 CRI)					(4000K, 70 CRI)					(5000K, 70 CRI)								
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW				
P7	184W	40	1400	T1S	22,741	2	0	3	123	23,700	2	0	3	129	24,162	3	0	3	131				
				T2M	21,066	3	0	4	114	21,955	3	0	4	119	22,383	3	0	4	121				
				T3M	21,311	3	0	5	116	22,210	3	0	5	120	22,642	3	0	5	123				
				T3LG	19,036	2	0	2	103	19,839	2	0	3	108	20,226	2	0	3	110				
				T4M	21,628	3	0	5	117	22,541	3	0	5	122	22,980	3	0	5	125				
				T4LG	19,671	2	0	2	107	20,501	2	0	3	111	20,900	2	0	3	113				
				TFTM	21,778	3	0	5	118	22,697	3	0	5	123	23,139	3	0	5	125				
				T5M	22,252	5	0	3	121	23,191	5	0	3	126	23,643	5	0	3	128				
				T5W	22,613	5	0	3	123	23,567	5	0	4	128	24,027	5	0	4	130				
				T5LG	22,317	4	0	2	121	23,258	4	0	2	126	23,712	4	0	2	129				
				BLC3	15,501	0	0	3	84	16,155	0	0	4	88	16,470	0	0	4	89				
				BLC4	16,010	0	0	4	87	16,685	0	0	4	90	17,010	0	0	4	92				
				RCCO	15,641	1	0	3	85	16,301	1	0	3	89	16,619	1	0	3	90				
				LCCO	15,641	1	0	3	85	16,301	1	0	3	89	16,619	1	0	3	90				
				AFR	22,741	2	0	3	123	23,700	2	0	3	129	24,162	3	0	3	131				
				P8	216W	60	1100	T1S	28,701	3	0	3	133	29,912	3	0	4	139	30,495	3	0	4	141
								T2M	26,587	3	0	5	123	27,709	3	0	5	128	28,249	3	0	5	131
T3M	26,895	3	0					5	125	28,030	3	0	5	130	28,576	3	0	5	132				
T3LG	24,025	3	0					3	111	25,038	3	0	3	116	25,526	3	0	3	118				
T4M	27,296	3	0					5	127	28,448	3	0	5	132	29,002	3	0	5	134				
T4LG	24,826	3	0					3	115	25,873	3	0	3	120	26,378	3	0	3	122				
TFTM	27,485	3	0					5	127	28,645	3	0	5	133	29,203	3	0	5	135				
T5M	28,084	5	0					4	130	29,269	5	0	4	136	29,839	5	0	4	138				
T5W	28,539	5	0					4	132	29,743	5	0	4	138	30,323	5	0	4	141				
T5LG	28,165	4	0					2	131	29,354	4	0	2	136	29,926	4	0	2	139				
BLC3	19,563	0	0					4	91	20,388	0	0	4	94	20,786	0	0	4	96				
BLC4	20,205	0	0					5	94	21,057	0	0	5	98	21,468	0	0	5	99				
RCCO	19,740	1	0					4	91	20,572	1	0	4	95	20,973	1	0	4	97				
LCCO	19,740	1	0					4	91	20,572	1	0	4	95	20,973	1	0	4	97				
AFR	28,701	3	0					3	133	29,912	3	0	4	139	30,495	3	0	4	141				
P9	277W	60	1400					T1S	34,819	3	0	4	126	36,288	3	0	4	131	36,996	3	0	4	134
								T2M	32,255	3	0	5	116	33,616	3	0	5	121	34,271	3	0	5	124
				T3M	32,629	3	0	5	118	34,006	3	0	5	123	34,668	3	0	5	125				
				T3LG	29,146	3	0	3	105	30,376	3	0	4	110	30,968	3	0	4	112				
				T4M	33,116	3	0	5	120	34,513	3	0	5	125	35,185	3	0	5	127				
				T4LG	30,119	3	0	3	109	31,389	3	0	4	113	32,001	3	0	4	116				
				TFTM	33,345	3	0	5	120	34,751	3	0	5	125	35,429	3	0	5	128				
				T5M	34,071	5	0	4	123	35,509	5	0	4	128	36,201	5	0	4	131				
				T5W	34,624	5	0	4	125	36,084	5	0	4	130	36,788	5	0	4	133				
				T5LG	34,170	5	0	3	123	35,612	5	0	3	129	36,306	5	0	3	131				
				BLC3	23,734	0	0	4	86	24,735	0	0	4	89	25,217	0	0	4	91				
				BLC4	24,513	0	0	5	88	25,547	0	0	5	92	26,045	0	0	5	94				
				RCCO	23,948	1	0	4	86	24,958	1	0	4	90	25,445	1	0	4	92				
				LCCO	23,948	1	0	4	86	24,958	1	0	4	90	25,445	1	0	4	92				
				AFR	34,819	3	0	4	126	36,288	3	0	4	131	36,996	3	0	4	134				

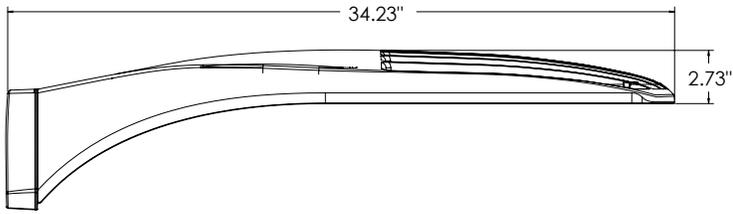
Performance Data

Lumen Output

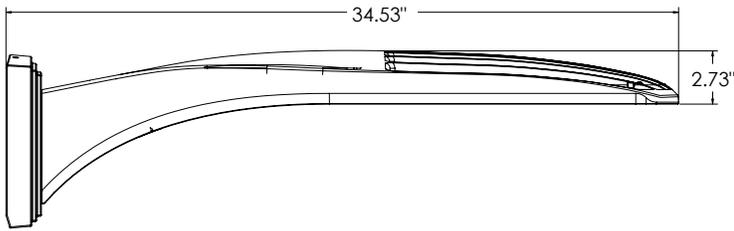
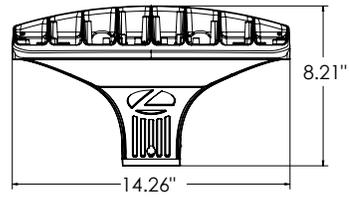
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of configurations shown within the tolerances described within LM-79. Contact factory for performance data on any configurations not shown here.

Rotated Optics																							
Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K					40K					50K								
					(3000K, 70 CRI)					(4000K, 70 CRI)					(5000K, 70 CRI)								
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW				
P10	101W	60	530	T1S	15,164	3	0	3	150	15,803	3	0	3	156	16,112	3	0	3	159				
				T2M	14,047	4	0	4	139	14,640	4	0	4	145	14,925	4	0	4	147				
				T3M	14,208	4	0	4	140	14,807	4	0	4	146	15,096	4	0	4	149				
				T3LG	12,693	3	0	3	125	13,229	3	0	3	131	13,487	3	0	3	133				
				T4M	14,420	4	0	4	142	15,028	4	0	4	148	15,321	4	0	4	151				
				T4LG	13,115	3	0	3	129	13,668	3	0	3	135	13,934	3	0	3	138				
				TFTM	14,522	4	0	4	143	15,134	4	0	4	149	15,429	4	0	4	152				
				T5M	14,836	4	0	2	146	15,462	4	0	2	153	15,763	4	0	2	156				
				T5W	15,076	4	0	3	149	15,712	5	0	3	155	16,019	5	0	3	158				
				T5LG	14,879	3	0	2	147	15,507	3	0	2	153	15,809	3	0	2	156				
				BLC3	10,335	3	0	3	102	10,771	4	0	4	106	10,981	4	0	4	108				
				BLC4	10,674	4	0	4	105	11,124	4	0	4	110	11,341	4	0	4	112				
				RCCO	10,429	1	0	2	103	10,869	1	0	2	107	11,080	1	0	2	109				
				LCCO	10,429	1	0	2	103	10,869	1	0	2	107	11,080	1	0	2	109				
				AFR	15,164	3	0	3	150	15,803	3	0	3	156	16,112	3	0	3	159				
				P11	135W	60	700	T1S	19,437	4	0	4	144	20,257	4	0	4	150	20,651	4	0	4	153
								T2M	18,005	4	0	4	133	18,765	4	0	4	139	19,131	4	0	4	142
T3M	18,211	4	0					4	135	18,980	4	0	4	141	19,350	4	0	4	143				
T3LG	16,270	3	0					3	121	16,957	3	0	3	126	17,287	4	0	4	128				
T4M	18,483	4	0					4	137	19,263	5	0	5	143	19,638	5	0	5	146				
T4LG	16,810	3	0					3	125	17,519	3	0	3	130	17,861	3	0	3	132				
TFTM	18,614	4	0					4	138	19,399	4	0	4	144	19,777	5	0	5	147				
T5M	19,017	5	0					3	141	19,819	5	0	3	147	20,205	5	0	3	150				
T5W	19,325	5	0					3	143	20,140	5	0	3	149	20,533	5	0	3	152				
T5LG	19,072	4	0					2	141	19,876	4	0	2	147	20,264	4	0	2	150				
BLC3	13,247	4	0					4	98	13,806	4	0	4	102	14,075	4	0	4	104				
BLC4	13,682	4	0					4	101	14,259	4	0	4	106	14,537	4	0	4	108				
RCCO	13,367	1	0					3	99	13,931	1	0	3	103	14,203	1	0	3	105				
LCCO	13,367	1	0					3	99	13,931	1	0	3	103	14,203	1	0	3	105				
AFR	19,437	4	0					4	144	20,257	4	0	4	150	20,651	4	0	4	153				
P12	206W	60	1050					T1S	27,457	4	0	4	133	28,616	4	0	4	139	29,174	4	0	4	142
								T2M	25,436	5	0	5	124	26,509	5	0	5	129	27,025	5	0	5	131
				T3M	25,727	5	0	5	125	26,812	5	0	5	130	27,335	5	0	5	133				
				T3LG	22,984	4	0	4	112	23,954	4	0	4	116	24,421	4	0	4	119				
				T4M	26,110	5	0	5	127	27,212	5	0	5	132	27,742	5	0	5	135				
				T4LG	23,747	4	0	4	115	24,749	4	0	4	120	25,231	4	0	4	123				
				TFTM	26,295	5	0	5	128	27,404	5	0	5	133	27,938	5	0	5	136				
				T5M	26,864	5	0	4	130	27,997	5	0	4	136	28,543	5	0	4	139				
				T5W	27,299	5	0	4	133	28,451	5	0	4	138	29,006	5	0	4	141				
				T5LG	26,942	4	0	2	131	28,078	4	0	2	136	28,626	4	0	2	139				
				BLC3	18,714	4	0	4	91	19,504	4	0	4	95	19,884	4	0	4	97				
				BLC4	19,327	5	0	5	94	20,143	5	0	5	98	20,535	5	0	5	100				
				RCCO	18,883	1	0	4	92	19,680	1	0	4	96	20,064	1	0	4	97				
				LCCO	18,883	1	0	4	92	19,680	1	0	4	96	20,064	1	0	4	97				
				AFR	27,457	4	0	4	133	28,616	4	0	4	139	29,174	4	0	4	142				
				P13	276W	60	1400	T1S	34,436	5	0	5	125	35,889	5	0	5	130	36,588	5	0	5	133
								T2M	31,900	5	0	5	116	33,246	5	0	5	121	33,894	5	0	5	123
T3M	32,265	5	0					5	117	33,626	5	0	5	122	34,282	5	0	5	124				
T3LG	28,826	4	0					4	105	30,042	4	0	4	109	30,628	4	0	4	111				
T4M	32,746	5	0					5	119	34,128	5	0	5	124	34,793	5	0	5	126				
T4LG	29,782	4	0					4	108	31,039	4	0	4	113	31,644	5	0	4	115				
TFTM	32,978	5	0					5	120	34,369	5	0	5	125	35,039	5	0	5	127				
T5M	33,692	5	0					4	122	35,113	5	0	4	127	35,797	5	0	4	130				
T5W	34,238	5	0					4	124	35,682	5	0	4	129	36,378	5	0	4	132				
T5LG	33,789	5	0					3	122	35,215	5	0	3	128	35,901	5	0	3	130				
BLC3	23,471	5	0					5	85	24,461	5	0	5	89	24,937	5	0	5	90				
BLC4	24,240	5	0					5	88	25,262	5	0	5	92	25,755	5	0	5	93				
RCCO	23,683	1	0					4	86	24,682	1	0	4	89	25,163	1	0	4	91				
LCCO	23,683	1	0					4	86	24,682	1	0	4	89	25,163	1	0	4	91				
AFR	34,436	5	0					5	125	35,889	5	0	5	130	36,588	5	0	5	133				

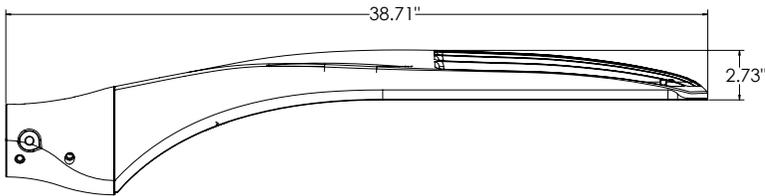
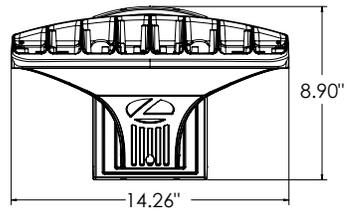
Dimensions



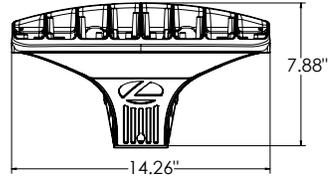
DSX1 with RPA, RPA5, SPA5, SPA8N mount
Weight: 36 lbs



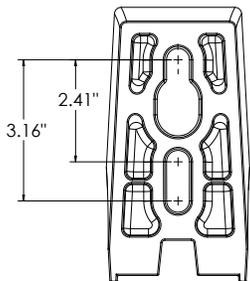
DSX1 with WBA mount
Weight: 38 lbs



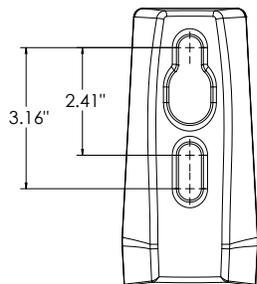
DSX1 with MA mount
Weight: 39 lbs



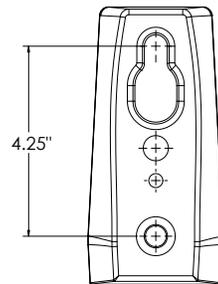
SPA (STANDARD ARM)



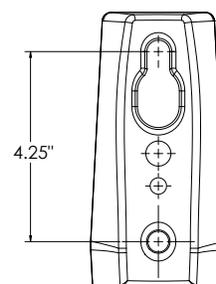
RPA



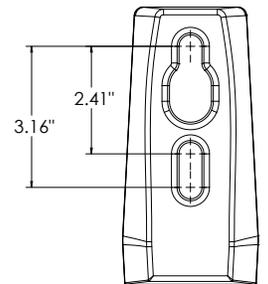
SPA5



RPA5

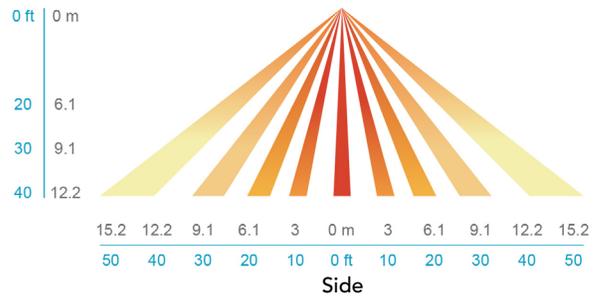
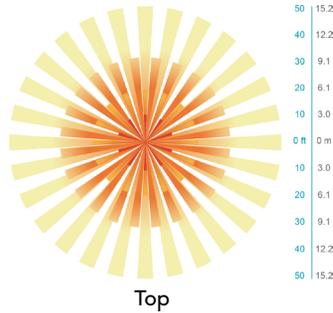


SPA8N



nLight Sensor Coverage Pattern

NLTAIR2 PIRHN



FEATURES & SPECIFICATIONS

INTENDED USE

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

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing driver compartment is completely sealed against moisture and environmental contaminants (IP66). Vibration rated per ANSI C136.31 for 3G for SPA and MA. 1.5G for mountings RPA, RPA5, SPA5 and SPA8N. Low EPA (0.69 ft²) for optimized pole wind loading.

FINISH

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

Coastal Construction (CCE)

Optional corrosion resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead-times may apply.

OPTICS

Precision-molded proprietary silicone lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 3000 K, 4000 K and 5000 K (70 CRI) configurations. 80CRI configurations are also available. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L81/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The DSX1 LED area luminaire has a number of control options. DSX Size 1, comes standard with 0-10V dimming drivers. Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell receptacles. Integrated motion sensor with on-board photocells feature field-adjustable programming and are suitable for mounting heights up to 40 feet. Control option BL features a bi-level device that allows a second control circuit to switch all light engines to either 30% or 50% light output.

nLIGHT AIR CONTROLS

The DSX1 LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once commissioned using a smartphone and the easy-to-use CLAIRITY app, nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found here.

INSTALLATION

Integral mounting arm allows for fast mounting using Lithonia standard #8 drilling and accommodates pole drilling's from 2.41 to 3.12" on center. The standard "SPA" option for square poles and the "RPA" option for round poles use the #8 drilling. For #5 pole drillings, use SPA5 or RPA5. Additional mountings are available including a wall bracket (WBA) and mast arm (MA) option that allows luminaire attachment to a 2 3/8" horizontal mast arm.

LISTINGS

UL listed to meet U.S. and Canadian standards. UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP66 rated. 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.

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

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/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.

FEATURES & SPECIFICATIONS

INTENDED USE — These specifications are for USA standards only. Square Straight Steel is a general purpose light pole for up to 39-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and floodlights.

CONSTRUCTION

Pole Shaft: The pole shaft is of uniform dimension and wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 55 KSI (11-gauge, 0.120"), or 50 KSI (7-gauge, 0.179"). Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4", 5" and 6".

Pole Top: Options include 4" tenon top, drilled for side mount fixture, tenon with drilling (includes extra handhole) and open top. Side drilled and open top poles include a removable top cap.

Handhole: A reinforced handhole with grounding provision is provided at 18" from the base on side A. Positioning the handhole lower may not be possible and requires engineering review; consult Tech Support-Outdoor for further information. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2.5" x 5".

Base Cover: A durable ABS plastic two-piece full base cover, finished to match the pole, is provided with each pole assembly. Additional base cover options are available upon request.

Anchor Base/Bolts: Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications. Anchor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153.

HARDWARE — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

FINISH — Extra durable painted finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359. Powder-coat finishes include Dark Bronze, White, Black, and Natural Aluminum colors. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes.

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

INSTALLATION — Do not erect poles without having fixtures installed. Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage. Lithonia Lighting is not responsible for the foundation design.

WARRANTY — 1-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. Specifications subject to change without notice.

Catalog Number
Notes
Type



Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL



SSS Square Straight Steel Poles

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: SSS 20 5C DM28AS DDBXD

Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness ¹	Mounting ²	Options	Finish
SSS	10'-39' (for 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.) (See technical information table for complete ordering information.)	4C 4" 11g (0.120") 4G 4" 7g (0.179") 5C 5" 11g (0.120") 5G 5" 7g (0.179") 6G 6" 7g (0.179") (See technical information table for complete ordering information.)	<u>Tenon mounting</u> PT Open top (includes top cap) T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS) T35 4" O.D. (3-1/2" NPS) <u>DSX/RSX/OMERO™ Drill mounting³</u> DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM39AS 3 at 90° DM49AS 4 at 90° <u>RAD drill mounting³</u> DM19RAD 1 at 90° DM28RAD 2 at 180° DM29RAD 2 at 90° DM39RAD 3 at 90° DM49RAD 4 at 90° <u>ESX Drill mounting³</u> DM19ESX 1 at 90° DM28ESX 2 at 180° DM29ESX 2 at 90° DM39ESX 3 at 90° DM49ESX 4 at 90° <u>Arm drill mounting</u> To be added as series + drill orientations EX: SMAC19 for SMAC arm drilling 1 at 90°	<u>Shipped installed</u> VD Vibration damper ⁴ JHxy J-Hook for cable strain relief ⁵ HAxy Horizontal arm bracket (1 fixture) ^{5,6} FDLxy Festoon outlet less electrical ^{5,7} FDLGFCLxy Festoon with GFCl outlet and in-use cover ^{5,8} CPL12/xy 1/2" coupling ⁵ CPL34/xy 3/4" coupling ⁵ CPL1/xy 1" coupling ⁵ NPL12/xy 1/2" threaded nipple ⁵ NPL34/xy 3/4" threaded nipple ⁵ NPL1/xy 1" threaded nipple ⁵ EHHxy Extra handhole ^{5,9} STLTMP Steel anchor bolt template (standard is paper) STLHHC Steel handhole cover (standard is plastic, finish is smooth) ¹⁰ FBCSTL2PC 2 Piece steel base cover (standard is plastic) ¹⁰ IC Interior coating ¹¹ L/AB Less anchor bolts (Include when anchor bolts are not needed) TP Tamper resistant handhole cover fasteners NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled) UL UL listed with label (Includes NEC compliant cover) BAA Buy America(n) Act Compliant ¹² VM/original order# Match pole to prior order or project ¹³	<u>Super durable paint colors</u> DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DGCXD Charcoal gray DTGXD Tennis green DBRXD Bright red DSBXD Steel blue DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white <u>Other finishes</u> GALV Galvanized finish <u>Architectural colors and special finishes¹⁴</u> [PAINT] GALV Paint over galvanizing VP30 3 year warranty extension VP53 5 year warranty extension RAL#### Use designated Lithonia Lighting nomenclature in brochure Custom color Nomenclature assigned through Customer Care "Custom Color Process"

Accessories: Order as separate catalog number.

PL DT20	Plugs for ESX drillings
PL DT8	Plugs for DMxxAS drillings
FVD xxFT	Field installed vibration damper (snake style)

NOTES:

- Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomenclature. "C" - 0.120" | "G" - 0.179".
- PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, specify as drilling option/tenon option. The combination includes a required extra handhole.
Example: DM28/T20.
- Refer to the fixture spec sheet for the correct drilling template pattern and orientation compatibility.
- On 4" and 5" poles, VD cannot be installed if provisions (EHH, FDL, NPL, CPL) are located higher than 2/3 of the pole's total height.
Example: Pole height is 25ft, A provision cannot be placed above 16ft.
- Specify location and orientation when ordering option.
For "x": Specify the height above the base of pole in feet or feet and inches; separate feet and inches with a "-".
Example: 5ft = 5 and 20ft 3in = 20-3
For "y": Specify orientation from handhole (A,B,C,D) Refer to the Handhole Orientation diagram below.
Example: 1/2" coupling at 5' 8", orientation C = CPL12/5-8C
- Horizontal arm is 18" x 2-3/8" O.D. tenon standard, with radius curve providing 12" rise and 2-3/8" O.D. If ordering two horizontal arm at the same height, specify with HAxyy.
Example: HA20BD.
- FDL does not come with GFCl outlet or handhole cover. These must be supplied by contractor or electrician.
- Festoon option that comes with GFCl and in-use cover. GFCl and in-use cover ship separately from pole.
- Combination of tenon-top and drill mount includes extra handhole. EHH includes cover.
- Plastic hand hole cover and base covers come standard with all poles. Items ship separately. Additional parts can be ordered as replacements.
- N/A with GALV.
- Use when mill certifications are required.
- Must add original order number. Not for replacement parts or post sales issues, contact tech support or post sales teams. VM is used to ensure poles match in appearance exactly from order to order, on a single project site. A common use case would be a multi-phase project with multiple orders. *Example: VM/010-36784*
- Must be quoted through AQD. Finishes do not require RFA. RAL colors available are shown in "Architectural Colors brochure". Lead times may be extended up to 2 weeks due to paint procurement.

SSS Square Straight Steel Poles

TECHNICAL INFORMATION — EPA (ft ²) with 1.3 gust											
Catalog Number	Nominal Shaft Length (ft.)*	Pole Shaft Size (Base in. x Top in. x ft.)	Wall thick (in.)	Gauge	EPA (ft ²) with 1.3 gust						Approximate ship weight (lbs.)
					80 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight	
SSS 10 4C	10	4.0 x 10.0	0.120"	11	30.6	765	23.8	595	18.9	473	75
SSS 12 4C	12	4.0 x 12.0	0.120"	11	24.4	610	18.8	470	14.8	370	90
SSS 14 4C	14	4.0 x 14.0	0.120"	11	19.9	498	15.1	378	11.7	293	100
SSS 16 4C	16	4.0 x 16.0	0.120"	11	15.9	398	11.8	295	8.9	223	115
SSS 18 4C	18	4.0 x 18.0	0.120"	11	12.6	315	9.2	230	6.7	168	125
SSS 20 4C	20	4.0 x 20.0	0.120"	11	9.6	240	6.7	167	4.5	150	140
SSS 20 4G	20	4.0 x 20.0	0.179"	7	14	350	11	275	8	200	198
SSS 20 5C	20	5.0 x 20.0	0.120"	11	17.7	443	12.7	343	9.4	235	185
SSS 20 5G	20	5.0 x 20.0	0.179"	7	28.1	703	21.4	535	16.2	405	265
SSS 25 4C	25	4.0 x 25.0	0.120"	11	4.8	150	2.6	100	1	50	170
SSS 25 4G	25	4.0 x 25.0	0.179"	7	10.8	270	7.7	188	5.4	135	245
SSS 25 5C	25	5.0 x 25.0	0.120"	11	9.8	245	6.3	157	3.7	150	225
SSS 25 5G	25	5.0 x 25.0	0.179"	7	18.5	463	13.3	333	9.5	238	360
SSS 30 4G	30	4.0 x 30.0	0.179"	7	6.7	168	4.4	110	2.6	65	295
SSS 30 5C	30	5.0 x 30.0	0.120"	11	4.7	150	2	50	--	--	265
SSS 30 5G	30	5.0 x 30.0	0.179"	7	10.7	267	6.7	167	3.9	100	380
SSS 30 6G	30	6.0 x 30.0	0.179"	7	19	475	13.2	330	9	225	520
SSS 35 5G	35	5.0 x 35.0	0.179"	7	5.9	150	2.5	100	--	--	440
SSS 35 6G	35	6.0 x 35.0	0.179"	7	12.4	310	7.6	190	4.2	105	540
SSS 39 6G	39	6.0 x 39.0	0.179"	7	7.2	180	3	75	--	--	605

NOTE: EPA values are based ASCE 7-93 wind map.

*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

TECHNICAL INFORMATION — EPA (ft ²) WITH 3-SECOND GUST PER AASHTO 2013																	
Series	Mounting Height (ft.)*	Shaft Base Size	90 MPH	Max. weight	100 MPH	Max. weight	110 MPH	Max. weight	120 MPH	Max. weight	130 MPH	Max. weight	140 MPH	Max. weight	150 MPH	Max. weight	Approximate ship weight (lbs.)
SSS	10	4C	20	500	16	400	13	325	10.5	263	8.5	213	7	175	6	150	75
SSS	12	4C	16	400	13	325	10	250	8	200	6.5	163	5	125	4	100	90
SSS	14	4C	13.5	338	10	250	7.5	188	6	150	4.5	113	3.5	88	2.5	63	100
SSS	16	4C	10.5	263	7.5	188	5.5	138	4	100	3	75	1.5	38	1	25	115
SSS	18	4C	8	200	5.5	138	4	100	2.5	63	1.5	38	0.5	13	-	-	125
SSS	18	4G	13	325	9.5	238	7	175	5	125	3.5	88	2.5	63	1.5	38	185
SSS	18	5C	13	325	9.5	238	6.5	163	4.5	113	3	75	1.5	38	.5	13	170
SSS	20	4C	6	150	4	100	2.5	63	1	25	-	-	-	-	-	-	140
SSS	20	4G	10.5	263	7.5	188	5.5	138	3.5	88	2	50	1	25	-	-	205
SSS	20	5C	10	250	7	175	4.5	113	2.5	63	1	25	-	-	-	-	185
SSS	20	5G	20	500	15	375	11.5	288	8.5	213	6	150	4.5	113	3	75	265
SSS	25	4C	2	50	0.5	13	-	-	-	-	-	-	-	-	-	-	170
SSS	25	4G	5.5	138	3	75	1.5	38	-	-	-	-	-	-	-	-	245
SSS	25	5C	4.5	113	2	50	-	-	-	-	-	-	-	-	-	-	225
SSS	25	5G	12	300	8.5	213	5.5	138	3	75	1.5	38	-	-	-	-	360
SSS	25	6G	19	475	13.5	338	9	225	5.5	138	3	75	1	25	-	-	445
SSS	30	4G	1.5	38	-	-	-	-	-	-	-	-	-	-	-	-	291
SSS	30	5C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	265
SSS	30	5G	6.5	163	3.5	88	1	25	-	-	-	-	-	-	-	-	380
SSS	30	6G	11	275	6	150	2.5	63	-	-	-	-	-	-	-	-	520
SSS	35	5G	2	50	-	-	-	-	-	-	-	-	-	-	-	-	440
SSS	35	6G	4	100	-	-	-	-	-	-	-	-	-	-	-	-	540
SSS	39	6G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	605

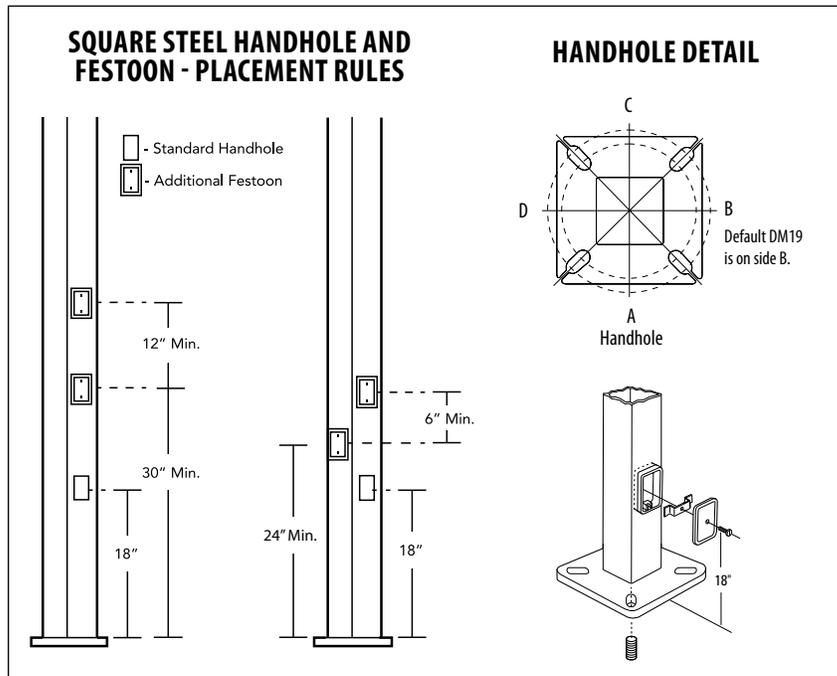
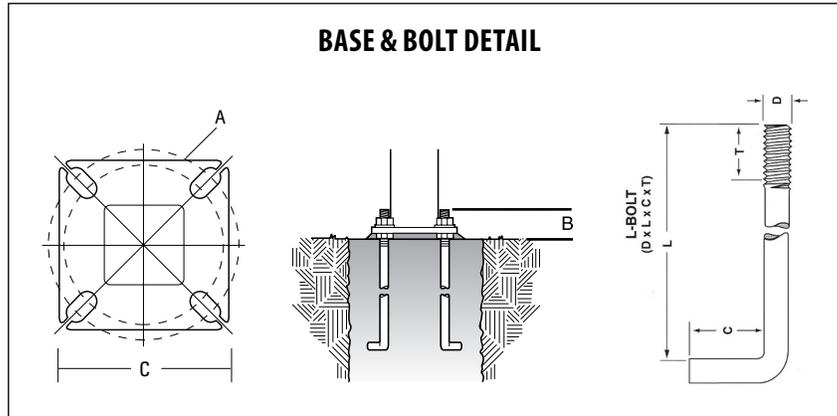
NOTE: AASHTO 2013 design criteria is the most common EPA and uses wind map ASCE7-05. Please review the project Spec document to determine the correct design criteria for the poles on your jobsite.

*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

SSS Square Straight Steel Poles

ANCHORAGE AND TEMPLATE INFORMATION								
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Base plate thickness	Template description *	Anchor bolt description	Bolt size (in.) D x L x C	Anchor bolt/Template Combo
4"C	8" - 9"	3.25" - 3.75"	8" - 8.25"	0.75"	ABTEMPLATE PJ50004	AB18-0	3/4 x 18 x 3	ABSSS-4C
4"G	8" - 9"	3.38" - 3.75"	8" - 8.25"	0.875"	ABTEMPLATE PJ50004	AB30-0	3/4 x 30 x 3	ABSSS-4G
5"	10" - 12"	3.5" - 4"	11"	1"	ABTEMPLATE PJ50010	AB36-0	1 x 36 x 4	ABSSS-5
6"	11" - 13"	4" - 4.50"	12.5"	1"	ABTEMPLATE PJ50011	AB36-0	1 x 36 x 4	N/A

* Paper template standard. Add STL to end of description for the steel template.



IMPORTANT INSTALLATION NOTES:

- Do not erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.
- Bolt circles have +/- 1/2" tolerance.

CAUTION: These specifications are intended for general purposes only. Lithonia Lighting reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.



WEDGE1 LED

Architectural Wall Sconce



Catalog Number

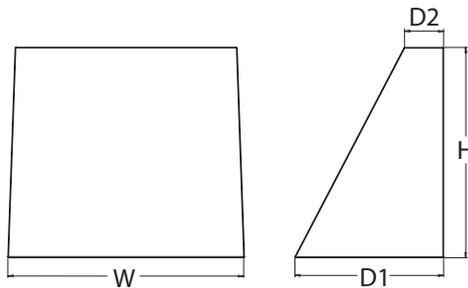
Notes

Type

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

Specifications

Depth (D1):	5.5"
Depth (D2):	1.5"
Height:	8"
Width:	9"
Weight: (without options)	9 lbs



Introduction

The WEDGE1 LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution.

WEDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WEDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details

WEDGE LED Family Overview

Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	Approximate Lumens (4000K, 80CRI)						
					P0	P1	P2	P3	P4	P5	P6
WEDGE1 LED	Visual Comfort	4W		--	750	1,200	2,000	--	--	--	--
WEDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000	--
WEDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	--	--
WEDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	6,000	7,500	8,500	10,000	12,000	--	--
WEDGE4 LED	Precision Refractive			Standalone / nLight	--	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WEDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WEDGE1 LED	P0 P1 P2	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K ¹ 5000K	80CRI 90CRI	VF Visual comfort forward throw VW Visual comfort wide	MVOLT 347 ²	Shipped included SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) ³ Shipped separately AWS 3/8inch Architectural wall spacer ⁴ PBBW Surface-mounted back box (top, left, right conduit entry) Use when there is no junction box available. ⁴

Options	Finish
E4WH Emergency battery backup, Certified in CA Title 20 MAEDBS (4W, 0°C min) ⁵	DDBXD Dark bronze
PE Photocell, Button Type ⁶	DBLXD Black
DS Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details) ⁷	DNAXD Natural aluminum
DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)	DWHXD White
BCE Bottom conduit entry for back box (PBBW). Total of 4 entry points.	DSSXD Sandstone
DSLE Dual Switching (1 Driver, 2 Light Engines)	DDBTXD Textured dark bronze
CCE Coastal Construction ⁴	DBLTXD Textured black
	DNATXD Textured natural aluminum
	DWHGXD Textured white
	DSSTXD Textured sandstone



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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WEDGE1 LED
Rev. 04/02/25

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD	WDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE1PBBW DDBXD U	WDGE1 surface-mounted back box (specify finish)

NOTES

- 50K not available in 90CRI.
- 347V not available with E4WH, DS, DSLE or PE.
- Not qualified for DLC. Not available with E4WH.
- For PBBW and AWS with CCE option, require an RFA.
- E4WH not available with PE or DS.
- PE not available with DS.
- DS is not available with P0.

Performance Data

Lumen Output

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

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)					30K (3000K, 80 CRI)					35K (3500K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P0	7W	VF	693	99	0	0	0	718	103	0	0	0	739	106	0	0	0	759	108	0	0	0	764	109	0	0	0
		VW	694	99	0	0	0	720	103	0	0	0	740	106	0	0	0	760	109	0	0	0	766	109	0	0	0
P1	10W	VF	1,120	112	0	0	0	1,161	116	0	0	0	1,194	119	0	0	0	1,227	123	0	0	0	1,235	123	0	0	0
		VW	1,122	112	0	0	0	1,163	116	0	0	0	1,196	120	0	0	0	1,229	123	0	0	0	1,237	124	0	0	0
P2	15W	VF	1,806	120	1	0	0	1,872	125	1	0	0	1,925	128	1	0	0	1,978	132	1	0	0	1,992	133	1	0	0
		VW	1,809	120	1	0	0	1,876	125	1	0	0	1,929	128	1	0	0	1,982	132	1	0	0	1,996	133	1	0	0

Electrical Load

Performance Package	System Watts	Current (A)				
		120V	208V	240V	277V	347V
P0	7W	0.060	0.035	0.030	0.026	--
	9W	--	--	--	--	0.026
P1	10W	0.082	0.049	0.043	0.038	--
	13W	--	--	--	--	0.046
P2	15W	0.132	0.081	0.072	0.064	--
	18W	--	--	--	--	0.056

Lumen Multiplier for 90CRI

CCT	Multiplier
27K	0.845
30K	0.867
35K	0.845
40K	0.885
50K	0.898

Lumen Output in Emergency Mode (4000K, 80 CRI)

Option	Dist. Type	Lumens
E4WH	VF	646
	VW	647

Lumen Ambient Temperature (LAT) Multipliers

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

Ambient	Lumen Multiplier
0°C / 32°F	1.03
10°C / 50°F	1.02
20°C / 68°F	1.01
25°C / 77°F	1.00
30°C / 86°F	0.99
40°C / 104°F	0.98

Projected LED Lumen Maintenance

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

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

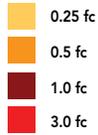
Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.95	>0.91



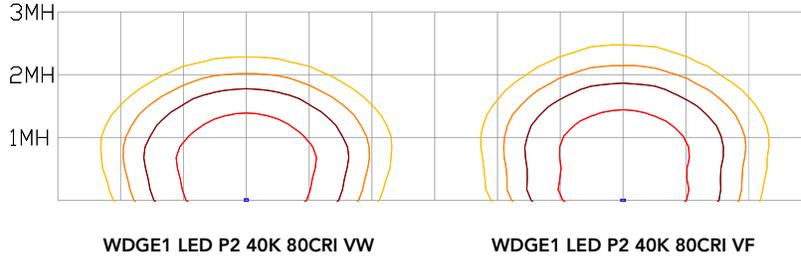
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND



MH = 8ft
Grid = 8ft x 8ft



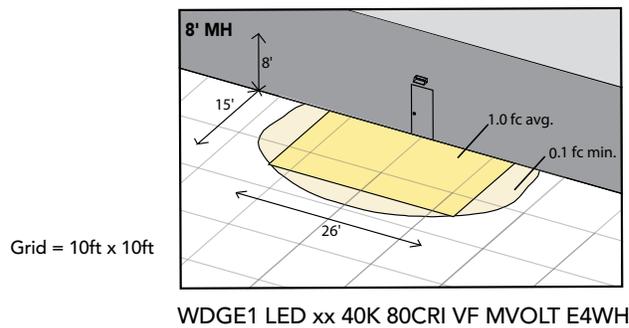
Emergency Egress Options

Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

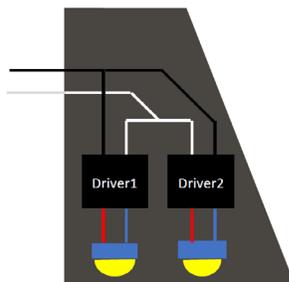
The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E4WH and VF distribution.



Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark.

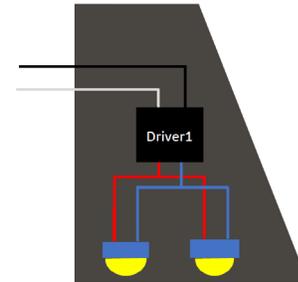
Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9



Dual Switching Light Engine (DSLE) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with one driver and two light engines. These work completely independent to each other so that a failure of either light engine does not cause the whole luminaire to go dark.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9





E4WH – 4W Emergency Battery Backup

D = 5.5"

H = 8"

W = 9"



PBBW – Surface-Mounted Back Box

Use when there is no junction box available.

D = 1.75"

H = 8"

W = 9"



AWS – 3/8inch Architectural Wall Spacer

D = 0.38"

H = 4.4"

W = 7.5"

FEATURES & SPECIFICATIONS

INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

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, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.

INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. 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. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.

GOVERNMENT PROCUREMENT

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/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.



WDGE2 LED

Architectural Wall Sconce

Precision Refractive Optic



Catalog Number

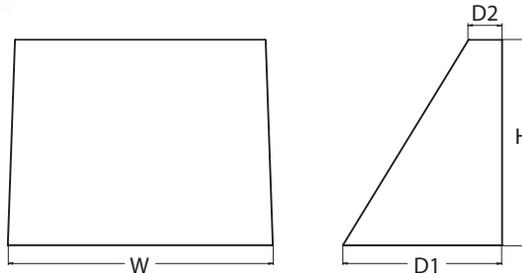
Notes

Type

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

Specifications

Depth (D1):	7"
Depth (D2):	1.5"
Height:	9"
Width:	11.5"
Weight: (without options)	13.5 lbs



Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE2 with industry leading precision refractive optics provides great uniform distribution and optical control. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

WDGE LED Family Overview

Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	Approximate Lumens (4000K, 80CRI)						
					P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W		--	750	1,200	2,000	--	--	--	--
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000	--
WDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	--	--
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	--	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	Precision Refractive			Standalone / nLight	--	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI T3M MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	
WDGE2 LED	P0 ¹	27K 2700K	40K 4000K	70CRI ⁴	MVOLT	Shipped included SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) ⁶	
	P1 ²	30K 3000K	50K 5000K	80CRI			347 ⁵
	P2 ²	35K 3500K	AMB ³ Amber	LW ³ Limited Wavelength			480 ⁵
	P3 ²						
	P4 ²						
				T1S Type I Short T2M Type II Medium T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium		Shipped separately AWS 3/8inch Architectural wall spacer ⁷ PBBW Surface-mounted back box (top, left, right conduit entry). Use when there is no junction box available ⁸	

Options	Finish
E10WH Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min) E20WC Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min) PE Photocell, Button Type ⁸ DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) ⁹ BCE Bottom conduit entry for back box (PBBW). Total of 4 entry points. CCE Coastal Construction ⁷	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DDBTXD Textured dark bronze DBLTXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone
Standalone Sensors/Controls PIR Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching. PIRH Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching PIR1FC3V Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation. PIRH1FC3V Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation. Networked Sensors/Controls NLTAIR2 PIR Embedded wireless controls by nLight with Passive Infrared Occ sensor and on/off photocell for 8-15' mounting heights. NLTAIR2 PIRH Embedded wireless controls by nLight with Passive Infrared Occ sensor and on/off photocell for 15-30' mounting heights. NLTAIREM2 PIR Embedded wireless controls by nLight with UL924 listed emergency operation, Passive Infrared Occ sensor and on/off photocell for 8-15' mounting heights NLTAIREM2 PIRH Embedded wireless controls by nLight with UL924 listed emergency operation, Passive Infrared Occ sensor and on/off photocell for 15-30' mounting heights. See page 4 for out of box functionality	



COMMERCIAL OUTDOOR

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WDGE2 LED
Rev. 07/07/25

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD U	WDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE2PBBW DDBXD U	WDGE2 surface-mounted back box (specify finish)

NOTES

- 1 P0 option not available with sensors/controls.
- 2 P1-P4 not available with AMB and LW.
- 3 AMB and LW always go together.
- 4 70CRI only available with T3M and T4M.
- 5 347V and 480V not available with E10WH or E20WC.
- 6 Not qualified for DLC. Not available with emergency battery backup or sensors/controls.
- 7 For PBBW and AWS with CCE option, require an RFA.
- 8 PE not available in 480V or with sensors/controls.
- 9 DMG option not available with sensors/controls.

Performance Data

Lumen Output

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

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)					30K (3000K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)					Amber (Limited Wavelength)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P0	7W	T1S	636	92	0	0	0	666	97	0	0	0	699	101	0	0	1	691	100	0	0	1	712	47	0	0	1
		T2M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T3M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T4M	648	94	0	0	0	679	98	0	0	0	712	103	0	0	0	704	102	0	0	0	726	47	0	0	0
		TFTM	652	95	0	0	0	683	99	0	0	0	717	104	0	0	0	708	103	0	0	0	730	48	0	0	1
P1	11W	T1S	1,105	99	0	0	1	1,157	104	0	0	1	1,215	109	0	0	1	1,200	107	0	0	1					
		T2M	1,150	103	0	0	1	1,204	108	0	0	1	1,264	113	0	0	1	1,249	112	0	0	1					
		T3M	1,150	103	0	0	1	1,205	108	0	0	1	1,265	113	0	0	1	1,250	112	0	0	1					
		T4M	1,126	101	0	0	1	1,179	106	0	0	1	1,238	111	0	0	1	1,223	110	0	0	1					
		TFTM	1,133	101	0	0	1	1,186	106	0	0	1	1,245	112	0	0	1	1,230	110	0	0	1					
P2	19W	T1S	1,801	95	1	0	1	1,886	99	1	0	1	1,981	104	1	0	1	1,957	103	1	0	1					
		T2M	1,875	99	1	0	1	1,963	103	1	0	1	2,061	109	1	0	1	2,037	107	1	0	1					
		T3M	1,876	99	1	0	1	1,964	103	1	0	1	2,062	109	1	0	1	2,038	107	1	0	1					
		T4M	1,836	97	1	0	1	1,922	101	1	0	1	2,018	106	1	0	1	1,994	105	1	0	1					
		TFTM	1,847	97	1	0	1	1,934	102	1	0	1	2,030	107	1	0	1	2,006	106	1	0	1					
P3	32W	T1S	2,809	87	1	0	1	2,942	92	1	0	1	3,089	96	1	0	1	3,052	95	1	0	1					
		T2M	2,924	91	1	0	1	3,062	95	1	0	1	3,215	100	1	0	1	3,176	99	1	0	1					
		T3M	2,925	91	1	0	1	3,063	95	1	0	1	3,216	100	1	0	1	3,177	99	1	0	1					
		T4M	2,862	89	1	0	1	2,997	93	1	0	1	3,147	98	1	0	1	3,110	97	1	0	1					
		TFTM	2,880	90	1	0	1	3,015	94	1	0	1	3,166	99	1	0	1	3,128	97	1	0	1					
P4	47W	T1S	3,729	80	1	0	1	3,904	84	1	0	1	4,099	88	1	0	1	4,051	87	1	0	1					
		T2M	3,881	83	1	0	1	4,063	87	1	0	1	4,267	91	1	0	1	4,216	90	1	0	1					
		T3M	3,882	83	1	0	1	4,065	87	1	0	1	4,268	91	1	0	1	4,217	90	1	0	1					
		T4M	3,799	81	1	0	1	3,978	85	1	0	1	4,177	90	1	0	1	4,127	88	1	0	1					
		TFTM	3,822	82	1	0	1	4,002	86	1	0	1	4,202	90	1	0	1	4,152	89	1	0	1					

Performance Package	System Watts	Dist. Type	27K (2700K, 70 CRI)					30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)									
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G					
P0	7W	T3M	737	107	0	0	0	763	111	0	0	0	822	119	0	0	0	832	121	0	0	1					
		T4M	721	105	0	0	0	746	108	0	0	0	804	117	0	0	1	814	118	0	0	1					
P1	11W	T3M	1,280	115	0	0	1	1,325	119	0	0	1	1,427	128	1	0	1	1,445	129	1	0	1					
		T4M	1,253	112	0	0	1	1,297	116	0	0	1	1,397	125	0	0	1	1,415	127	0	0	1					
P2	19W	T3M	2,087	110	1	0	1	2,160	114	1	0	1	2,327	123	1	0	1	2,357	124	1	0	1					
		T4M	2,042	108	1	0	1	2,114	111	1	0	1	2,278	120	1	0	1	2,306	121	1	0	1					
P3	32W	T3M	3,254	101	1	0	1	3,369	105	1	0	1	3,629	113	1	0	1	3,675	114	1	0	1					
		T4M	3,185	99	1	0	1	3,297	103	1	0	1	3,552	111	1	0	1	3,597	112	1	0	1					
P4	47W	T3M	4,319	93	1	0	1	4,471	96	1	0	1	4,817	103	1	0	2	4,878	105	1	0	2					
		T4M	4,227	91	1	0	1	4,376	94	1	0	2	4,714	101	1	0	2	4,774	102	1	0	2					

Electrical Load

Performance Package	System Watts	Current (A)					
		120Vac	208Vac	240Vac	277Vac	347Vac	480Vac
P0	7.0	0.061	0.042	0.04	0.039	--	--
	9.0	--	--	--	--	0.031	0.021
P1	11.0	0.100	0.064	0.059	0.054	--	--
	14.1	--	--	--	--	0.046	0.031
P2	19.0	0.168	0.106	0.095	0.083	--	--
	22.8	--	--	--	--	0.067	0.050
P3	32.0	0.284	0.163	0.144	0.131	--	--
	37.1	--	--	--	--	0.107	0.079
P4	47.0	0.412	0.234	0.207	0.185	--	--
	53.5	--	--	--	--	0.153	0.112

Lumen Output in Emergency Mode (4000K, 80 CRI, T3M)

Option	Lumens
E10WH	1,358
E20WC	2,230

Lumen Ambient Temperature (LAT) Multipliers

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

Ambient		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

Projected LED Lumen Maintenance

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

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

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.93	>0.87

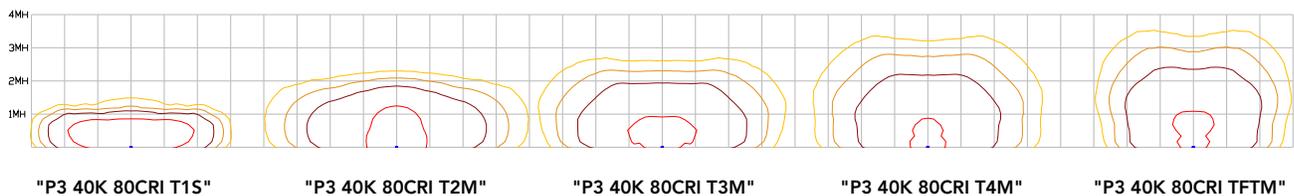
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND

- 0.25 fc
- 0.5 fc
- 1.0 fc
- 3.0 fc

MH = 10ft
Grid = 10ft x 10ft



Emergency Egress Options

Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

Control / Sensor Options

Motion/Ambient Sensor (PIR, PIRH)

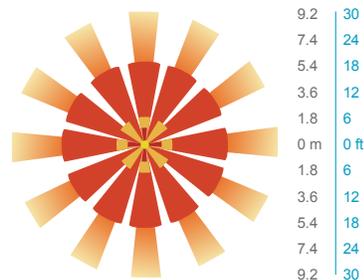
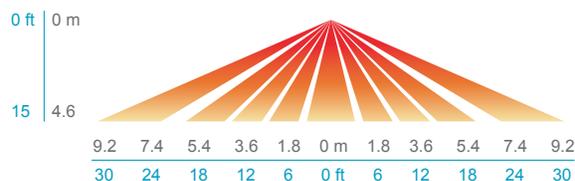
Motion/Ambient sensor (Sensor Switch MSOD) is integrated into the the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

Networked Control (NLTAIR2)

nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY™ Pro) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.

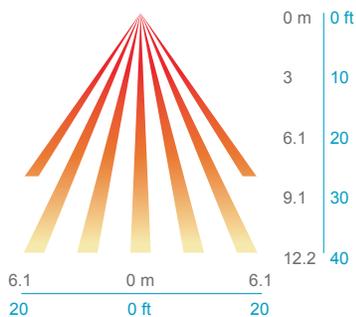
PIR

HIGH VIEW

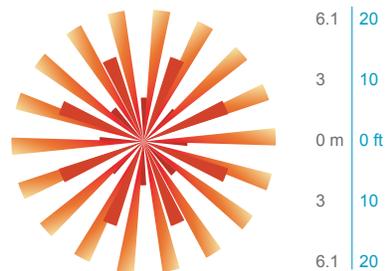


PIRH

SIDE VIEW



TOP VIEW



Option	Dim Level	High Level (when triggered)	Photocell Operation	Motion Time Delay	Ramp-down Time	Ramp-up Time
PIR or PIRH	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
PIR1FC3V, PIRH1FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 1fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
NLTAIR2 PIR, NLTAIR2 PIRH, NLTAIREM2 PIR, NLTAIREM2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec

UL 924 Response – nLight AIR Devices with EM Option

- NLTAIREM2 devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+ mobile app, NLTAIREM2 devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- The non-emergency devices, NLTAIR2 PIR and NLTAIR2 PIRH, with version 3.4 or later firmware can be used for normal power sensing.



Motion/Ambient Sensor

D = 7"
 H = 9" (Standalone controls)
 11" (nLight AIR controls, 2" antenna will be pointing down behind the sensor)
 W = 11.5"



PBBW – Surface-Mounted Back Box Use when there is no junction box available.

D = 1.75"
 H = 9"
 W = 11.5"



AWS – 3/8inch Architectural Wall Spacer

D = 0.38"
 H = 4.4"
 W = 7.5"

FEATURES & SPECIFICATIONS

INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

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, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Individually formed acrylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.

INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. 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. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.

GOVERNMENT PROCUREMENT

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/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

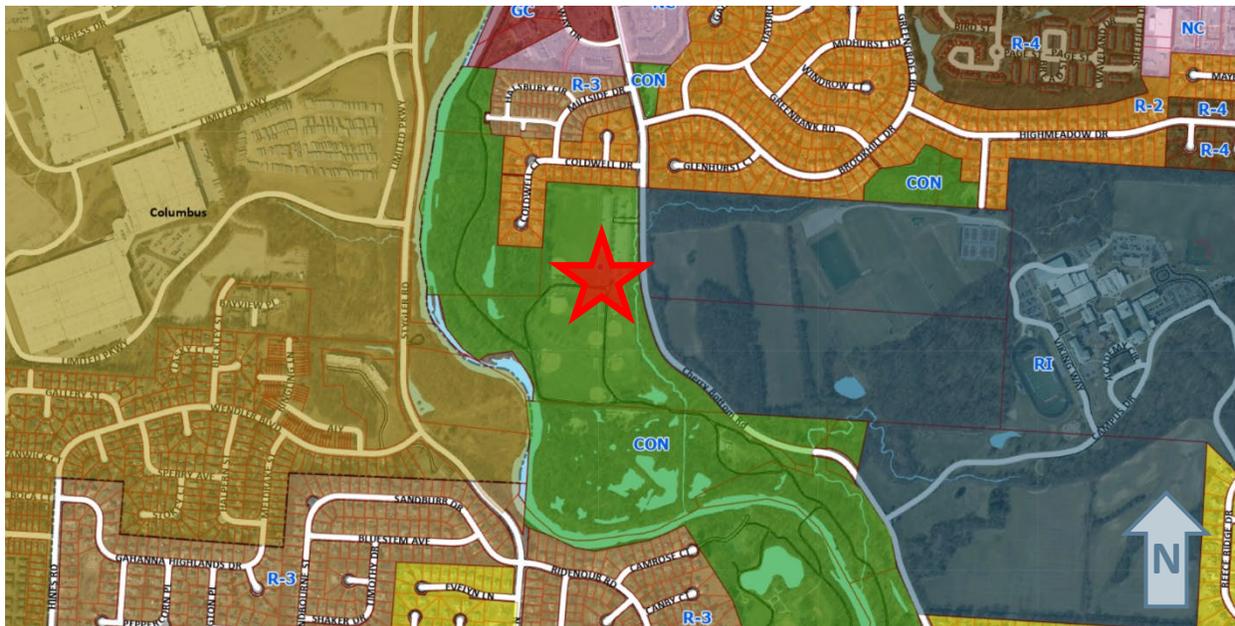
Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

PLANNING COMMISSION STAFF REPORT

Project Summary – Academy Park

- Meeting Date:** March 11, 2026
- Location:** 1201 Cherry Bottom Road
- Zoning:** Conservation (CON)
- Application Type(s):** Development Plan (DP), Variance (V)
- Staff Representative:** Maddie Capka, Planner II
- Recommendation:** Staff recommends approval of both applications.

Location Map:



Staff Review

Overview

The applicant is requesting approval of Major Development Plan and Variance applications to redevelop Academy Park. The project includes repaving the existing parking lot, adding an additional 47 spaces, adding new playground equipment, and constructing a new bathroom/storage building.

Building Design

The only new building included with these applications is a bathroom/storage building adjacent to the parking area. The building is 1,570 SF and 21.25 ft tall at its highest point. It is a modern style building with exterior materials of green fiber cement board, grey brick, a grey roof, and wood slats. The materials themselves meet code requirements, but green is not listed as an approved color in the zoning code. Planning Commission must approve the green color, which will occur if these applications are approved.

In the design guidelines chapter, the zoning code requires that all buildings have at least 25% transparent glass on the primary façade, and the proposed building does not have any windows. This is because its primary function is a public restroom.

Playground Area

Adjacent to the new building is a new playground area with new equipment. The existing playground will be removed. There is a system of new sidewalks around the parking lot leading to the new playground and building area. The basketball courts will remain.

Parking

As mentioned, the layout of the existing parking area will be unchanged but repaved. 47 additional spaces will be added onto the west side of the existing parking area. Since the existing parking layout is not being modified, EV charging and landscaping requirements only apply to the new parking area. They are installing 4 EV charging spaces next to the required ADA parking spaces.

The use on the site is considered “large scale outdoor recreation”, which requires one parking space per 400 SF of GFA. Since there is only one building on the site, this equates to only four parking spaces. The applicant is providing 345 spaces to meet their needs. There will also be five bicycle parking spaces, and the park currently has zero.

There will be new dumpsters near where the existing dumpsters are. A variance is required for the dumpsters’ location since it is to the front of the primary building. However, based on site layout and the location of the only building on the site, it is impossible to have the dumpsters to the rear of that building. The dumpsters are fully screened.

Landscaping

For the new parking area, the zoning code required 1,172 SF of parking lot landscaping, and the applicant is providing 4,045 SF of landscaping. 12 new parking lot trees are required, and they are

planting 27. The applicant is also planting an additional 110 caliper inches of trees to meet the requirements in Ch 914.

The zoning code also requires screening between the parking lot and the ROW. The applicant requested a variance to this requirement since there is existing dense vegetation between the parking lot and the ROW. Additionally, the parking lot is 4-6 ft lower in elevation than the ROW.

Review Criteria

Major Development Plan (MDP)

Planning Commission shall approve an application for a Major Development Plan if the following four conditions are met:

- 1) The proposed development meets the applicable development standards of this Zoning Ordinance.
- 2) The proposed development is in accord with appropriate plans for the area.
- 3) The proposed development would not have undesirable effects on the surrounding area.
- 4) The proposed development would be in keeping with the existing land use character and physical development potential of the area.

Variance (V)

The following variances have been requested:

1. 1107.01(g)(1) – City-Wide Design Standards
 - a. The ground floor of the primary façade must be at least 25% transparent glass.
 - b. The proposed building has 0% transparent glass on the primary façade.
2. 1109.01(e)(2) – Parking, Access, and Circulation
 - a. Parking areas must be screened from the ROW with a three-foot-high continuous screen.
 - b. No new screening is proposed, but there is existing dense foliage along the ROW.
3. 1109.02(e) – Setbacks and Structure Placement
 - a. Dumpsters must be to the rear of the principal structure.
 - b. The dumpsters are located to the front of the only structure.

Before granting a variance, Planning Commission shall find that:

- a) The variance is not likely to result in substantial change to the essential character of the neighborhood;
- b) The variance is not likely to result in damage to adjoining properties;
- c) The variance is not likely to affect the delivery of governmental services (e.g., water, sewer, garbage);
- d) The variance is not likely to result in environmental impacts greater than what is typical for other lots in the neighborhood;
- e) The variance is necessary for the economical use of the property, and such economical use of the property is not easily achieved through some method other than a variance;

- f) The variance is not likely to undermine the objectives of the land use plan;
- g) Whether the variance is substantial and is the minimum necessary to make possible the reasonable use of land or structures; and,
- h) The practical difficulty could be eliminated by some other method, even if the solution is less convenient or more costly to achieve.

Recommendation

Staff recommends approval of both the Major Development Plan and all three variance requests. The variances are all requested out of necessity, and they are minor in nature. Staff believes that granting these variances would not have any negative effects.

The site is in need of redevelopment, and the updated site is more aesthetically pleasing and accessible than the current site layout. The building materials themselves meet code requirements, and the green color is only 30% of the building. Staff believes that the green color is appropriate for a park and complements the building design.