



AGENDA
ARCHITECTURAL REVIEW BOARD MEETING
Conference Room 102-103
Thursday, April 16, 2026
5:30 PM

I. CALL TO ORDER

II. APPROVAL OF MEETING SUMMARY

A. **February 12, 2026**

III. UNFINISHED BUSINESS

IV. NEW BUSINESS

- A. **Chesterfield Commons Seven, Lot 3**: A Site Development Section Plan, Landscape Plan, Lighting Plan and Architectural Elevations for an automobile dealership building located on a 4.69-acre tract of land located north of Arnage Road, and south of I-64 zoned "PC"- Planned Commercial.

V. OTHER

VI. ADJOURNMENT

*PC Liaison Rob Rodermund is scheduled for this meeting

PERSONS REQUIRING AN ACCOMMODATION TO ATTEND AND PARTICIPATE IN THE ARCHITECTURAL REVIEW BOARD MEETING SHOULD CONTACT CITY CLERK VICKIE MCGOWND AT (636)537-6716 AT LEAST TWO (2) BUSINESS DAYS PRIOR TO THE MEETING.

II. A.



THE CITY OF CHESTERFIELD
ARCHITECTURAL REVIEW BOARD
THURSDAY – FEBRUARY 12, 2026
5:30 PM
CONFERENCE ROOM 102/103

ATTENDANCE:

Mr. Mick Weber, Chair
Mr. Scott Starling, Vice-Chair
Mr. Matt Adams
Mr. John Lavrich
Ms. Susan Lew
Mr. Kristopher Mehrtens

ABSENT:

ALSO IN ATTENDANCE:

Councilmember Merrell Hansen
Councilmember Mary Ann Mastorakos
Planning Commission Liaison, Allison Harris
Ms. Alyssa Ahner, Senior Planner/Staff Liaison
Ms. Shilpi Bharti, Planner
Mr. Isaak Simmers, Planner
Mr. Shane Streiler, Planner
Ms. Kristine Kelley, Recording Secretary

I. [CALL TO ORDER](#)

Chair Weber called the meeting to order at 5:30 p.m.

II. [APPROVAL OF MEETING SUMMARY](#)

A. [January 15, 2026](#)

Vice-Chair Starling made a motion to approve the meeting summary as written. Board Member Lew seconded the motion. The motion passed by a voice vote of 6-0.

III. [UNFINISHED BUSINESS](#)

IV. [NEW BUSINESS](#)

- A. [Burkhardt Place, Lot 4](#): Amended Architectural Elevations and Statement of Design for a commercial building with a Landmark & Preservation Area (LPA) overlay located on a 0.23-acre tract of land south of Old Chesterfield Road and west of Santa Maria Drive.

STAFF PRESENTATION

Mr. Isaak Simmers, Planner explained that the applicant intends to restore the building to match to original "historic" building condition. Mr. Simmers provided history of the site and the surrounding area along with modification details.

Color and material samples were provided and the applicant was available to answer any questions from the Board.

DISCUSSION

During discussion the following information was provided.

- The Board complimented the project and thanked the applicant for her dedication and attention to detail.
- The brick materials were sourced out of Ohio and will match exactly.
- Baxter Gardens has been hired to do the landscaping.
- Pavement repairs are proposed.
- The rear metal shed will be removed.
- ADA accessibility will be available with maintenance free materials.

Motion

Vice-Chair Starling made a motion recommending to approve Burkhardt Place, Lot 4 as presented. Board Member Mehrtens seconded the motion. The motion passed by a voice vote of 6-0.

- B. Chesterfield Village Mall, Lot 3B: A Site Development Section Plan, Landscape Plan, Lighting Plan, Architectural Elevations, and Architect's Statement of Design for a 16.82-acre tract of land zoned "PC&R" Planned Commercial and Residential located east of Chesterfield Parkway West and west of Chesterfield Center.

STAFF PRESENTATION

Ms. Alyssa Ahner, Senior Planner explained that the request is for a multi-family residential development and the construction of multiple roadway extensions including Park Circle Drive, Burkhardt Place, and Vista Place. Ms. Ahner further detailed history of the site and the surrounding zoning.

The development consists of a total of 105 attached units split between 22 buildings with eight (8) model types varying in height.

Retaining Walls

Due to the grade increase, there are several retaining walls proposed as part of this development. The walls along Chesterfield Parkway will vary in height from 1' to 5' tall. All walls will be constructed of CMU's to match the buildings and will utilize the same aluminum fencing. The other walls throughout the site are larger in size with the largest being 20' tall.

Access

The housing units will be served by Park Circle Drive, Burkhardt Place, Vista Place, and an alley. Access was detailed for each building – A thru H.

Materials and Color

The eight (8) building types share a mixture of brick, stone, board & batten siding, lap siding, and stucco.

Landscape Design

The site is required to adhere to the standard landscape requirements. A mixture of street trees, and shrubbery is proposed.

Mechanical Equipment

Shrubs have also been added to the sides of each building in order to screen the proposed ground-mounted air conditioning units.

Trash Enclosure

Each unit is to be served by individual roll-off trash bins so, unlike many multi-family developments, there's not a shared trash enclosure area that requires screening.

Lighting

Streetlights have been provided for along each roadway extension and the alley.

Limited color and material samples were provided and the applicant was available to answer any questions from the Board.

DISCUSSION

During discussion the following information was provided.

- Chair Weber emphasized the importance that future construction of the vacant parcels within Wildhorse Village is complimentary with the Downtown Chesterfield development located directly across the street.
- Due to limited material samples, the Board will recommend that those not provided this evening be made available for Staff and ARB review.
- The roadway will provide two-way traffic.
- Density and parking requirements have been met and visitor street parking will be available.
- Vista Place will provide a connection to the upper Chesterfield Mall area. A round-a-bout is part of the phased construction of the overall mall site.
- Signalized intersection at Burkhardt Place.
- Landscape was further identified, with emphasis on any erosion control.
- The front units along Chesterfield Parkway will mask the rear units due to height and elevation difference.
- Residential monument signs are proposed at Burkhardt and Vista Place.
- The applicant further explained the vision of the design.
- Suggestion to stair-step the retaining wall along Burkhardt to soften the overall appeal.

Motion

Vice-Chair Starling made a motion to forward Chesterfield Village Mall, Lot 3B with a recommendation for approval to the appropriate approval body with the following conditions:

- Provide the following color and material samples; modular concrete retaining wall, asphalt roof shingles, garage doors, window frames and shutters for Staff and ARB review.
- Provide additional landscape information for the north east hillside.

Board Member Mehtens seconded the motion. The motion passed by a voice vote of 6-0.

- C. [Elbridge Payne Office Park, Lot C702](#): Amended Architectural Elevations for a medical office located on a 2.51-acre tract of land zoned "C8" Planned Commercial District located east of Clarkson Road, north of East Chesterfield Parkway, and west of Elbridge Payne Road.

STAFF PRESENTATION

Mr. Shane Streiler, Planner explained that the application is simply proposing approval of 18 acrylic shapes already attached to the front elevation of the Mercy Health Autism Center. Mr. Streiler then provided a brief history of the site along with background of redevelopment to the office building. The applicant was available to answer any questions from the Board.

DISCUSSION

During discussion the following information was provided.

- It was noted that the digitally printed acrylic shapes are considered architectural elements not signage.
- No overall concerns due to very limited visibility along Clarkson Road.
- The property is a single-tenant use owned by Mercy Health.
- It was confirmed that the elements will not be lit.
- Municipal Zoning approval has been granted for roofing repairs with use of like-for-like materials.

Motion

Board Member Lavrich made a motion recommending to approve [Elbridge Payne Office Park, Lot C702](#) as presented. Vice-Chair Starling seconded the motion. The motion passed by a voice vote of 6-0.

- D. [TSG Chesterfield Airport Road, Lot C](#): A Site Development Section Plan, Landscape Plan, Lighting Plan and Architectural Elevations for an automobile retail store building to be located on a 1.1-acre tract of land south side of Chesterfield Airport Road, zoned "PC"-Planned Commercial.

STAFF PRESENTATION

Ms. Shilpi Bharti, Planner explained that the request is for construction of a new 7,735 square foot single-story O'Reilly Auto Parts retail store. Ms. Bharti then provided a brief history of the site and the surrounding areas.

Mechanical Equipment

The rooftop mechanical equipment is proposed and screened by an Aluminum Louver.

Trash Enclosure

A trash enclosure will be positioned on the east side of the property and screened by evergreen trees.

Materials and Color

The building is proposed to have CMU across all four (4) elevations. The front elevation facing Chesterfield Airport Road will include; an exterior window system, EIFS and CMU. The north elevation which faces Arnage Road will have one (1) overhead and one metal door.

Lighting

A total of nine (9) light fixtures are proposed for the development, including parking lights and wall pack lights.

Landscaping

The proposed landscape plan includes a mixture of shade, ornamental and evergreen trees, shrubs, and ground cover.

Color and material samples were provided and the applicant was available to answer any questions from the Board.

DISCUSSION

During discussion the following information was provided.

- Board Member Lew pointed out the stark green colors of the overhead and man doors.
- New corporate branding has determined material color selection.
- Preference that the "Putty" color selection of the roof-top mechanical equipment screening match the paint banding.
- Purposes of the wall pack lights.

Motion

Board Member Mehrtens made a motion recommending to approve TSG Chesterfield Airport Road, Lot C with the following conditions:

- The center pilaster on the Chesterfield Airport side elevation could be centered between the end pilaster and the red element.
- Change the paint color of the man door to the field color on both the north and east elevations
- Change to roof-top screen color to similar to the exterior dark paint band.

Vice-Chair Starling seconded the motion. The motion passed by a voice vote of 6-0.

V. OTHER

VI. ADJOURNMENT 7:30 p.m.



690 Chesterfield Pkwy W • Chesterfield MO 63017-0760
 Phone: 636-537-4000 • Fax 636-537-4798 • www.chesterfield.mo.us

Architectural Review Board Staff Report

Meeting Date: April 16, 2026

From: Shilpi Bharti, Planner *SB*

Location: 23 Arnage Road

Description: **Chesterfield Commons Seven, Lot 3:** A Site Development Section Plan, Landscape Plan, Lighting Plan and Architectural Elevations for an automobile dealership building located on a 4.69-acre tract of land located north of Arnage Road and south of I-64, zoned “PC”-Planned Commercial.

PROPOSAL SUMMARY

DSS Building Group, on behalf of Rivian, has submitted a Site Development Section Plan, Landscape Plan, Lighting Plan, and Architectural Elevations for an automobile sales and service building to be known as Rivian, located at 23 Arnage Road, in the Chesterfield Commons Seven subdivision.

Proposed Development includes:

- 43,035 square feet of building
- 130 parking spaces
- 55 display spaces
- Landscape Plan
- Lighting Plan



Figure 1: Subject Location

HISTORY OF SUBJECT SITE

The site is situated within the Chesterfield Commons Seven subdivision in the City of Chesterfield. Originally, the subdivision was zoned “NU” – Non-Urban District prior to the City’s incorporation. In 2008, the site was rezoned to “PC” – Planned Commercial, resulting in the creation of Ordinance 2501. The record plat of the subdivision was approved in 2011, establishing three (3) lots.

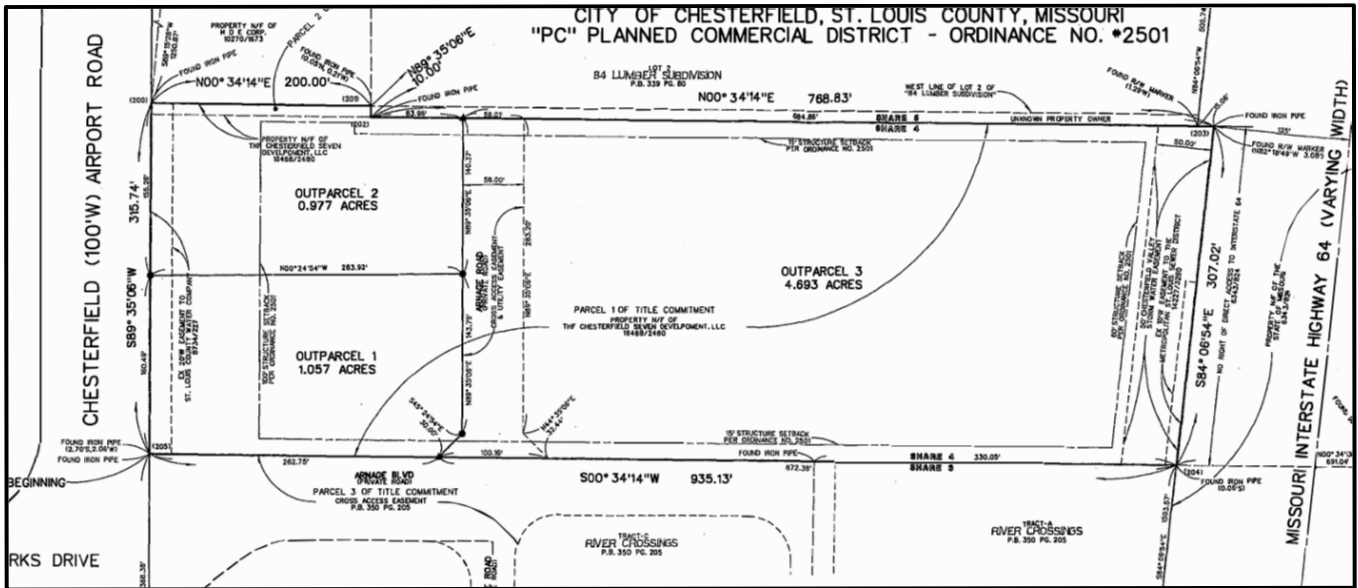


Figure 2: Record Plat

STAFF ANALYSIS

The Site Development Section Plan for Lot 3 proposes a 43,035 square-foot automobile dealership and service facility. The site will be accessed from Arnage Road to the south, with a secondary access point from Arnage Boulevard to the east.

The building is located on the north side of the site, with its front façade oriented toward I-64. Display spaces are situated along the north and east sides of the site. Service vehicle parking is located near the building on the south side. Additionally, loaner and fleet vehicle parking are proposed on the south side of the site.

The City of Chesterfield Unified Development Code (UDC) establishes general site and building design requirements, which are discussed in further detail in this report.

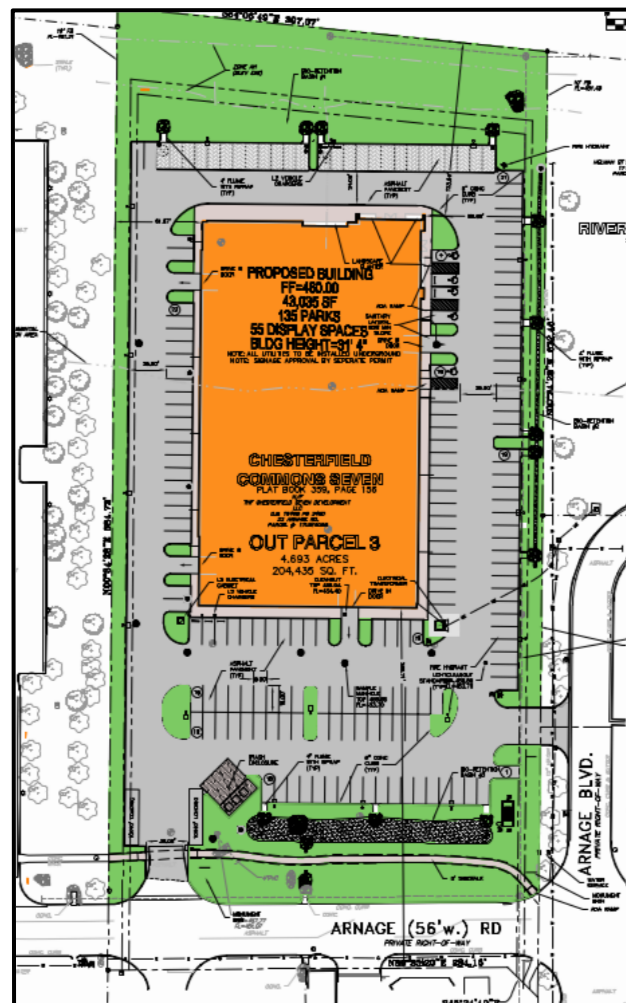


Figure 3: Site Plan

Site Relationships

The proposed building is located on a 4.63-acre parcel. The single-story building has a height of 25 feet, (four) 4 inches, with rooftop screening measuring six (6) feet in height that brings the total building height to 31 feet (four) inches. The site is bordered by Arnage Road to the south, I-64 to the north, single story car dealership to the west, and Arnage Boulevard to the east.

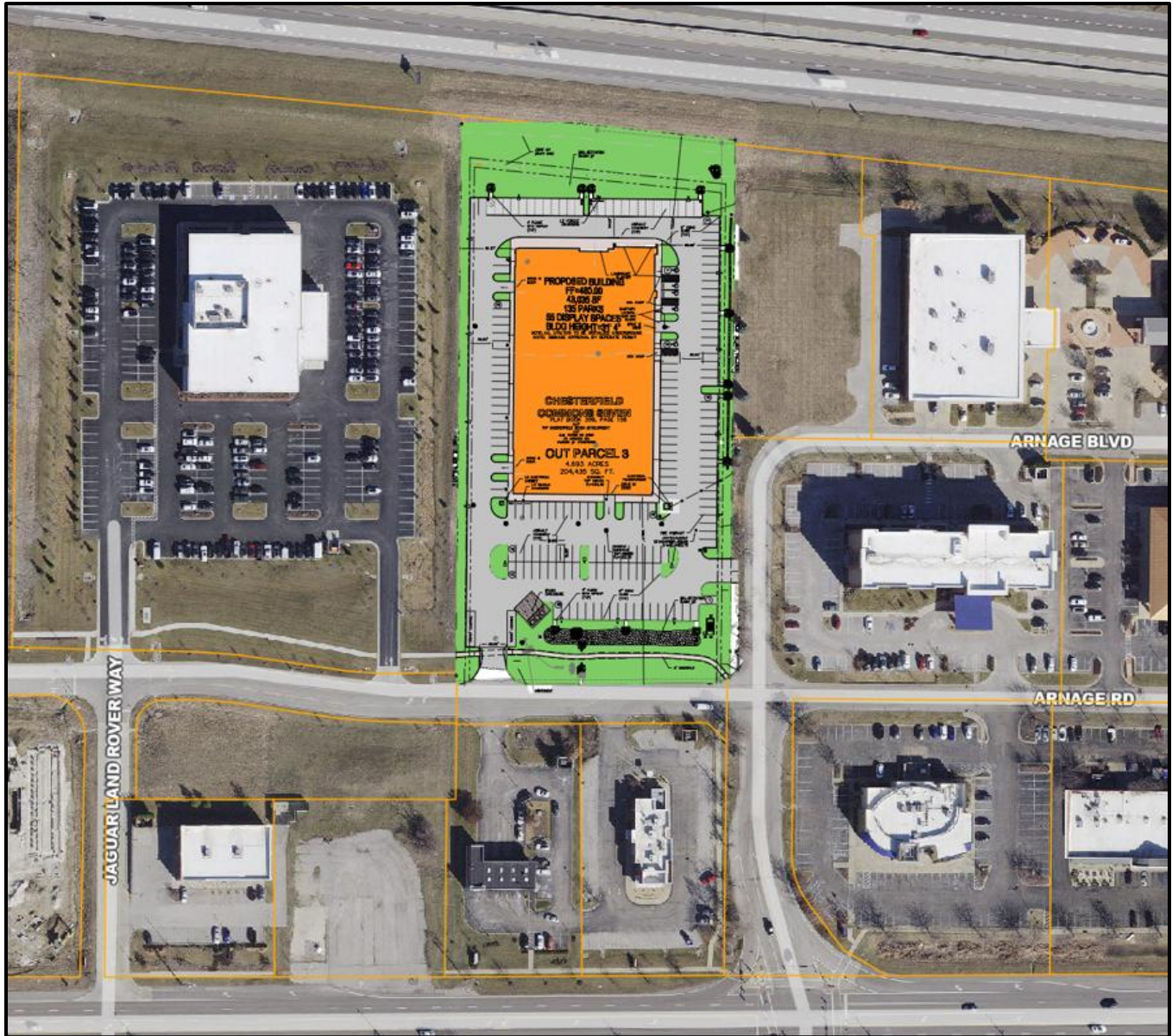


Figure 4: Neighboring development

Circulation System and Access

Access to the site is provided from Arnage Road to the south, while the building's main entrance faces I-64 to the north. The proposed access location is consistent with the Site Development Concept Plan for the subdivision.

A secondary access point is located on the east, connecting to Arnage Boulevard. The development includes 55 display spaces, along with service vehicle parking, customer parking, and parking for loaner and fleet vehicles.

Of the total display spaces, 28 are proposed along I-64 on the proposed pavers, and will be partially screened by trees and shrubs within a 30-foot landscape buffer. Service and loaner/fleet vehicle parking will be located on the south side of the site near the building.

Scale, Topography, Retaining Wall and Screening

The site is currently vacant and is bordered by a building to the west. It is relatively flat, and no retaining walls are proposed for the development. The trash enclosure is located on the south side of the property and will be constructed of composite masonry units. The enclosure will be screened with evergreen trees. Rooftop mechanical equipment will be installed and screened with aluminum panels arranged in a vertical slat configuration, painted to match the building.

Materials and Color

The proposed building will feature a smooth, unpainted, light concrete finish with (two) 2-foot reveals at the top (parapet level), along with a smooth concrete-look painted EIFS with (six) 6-inch reveals, along the main walls on all four (4) sides. The front elevation, which faces I-64, includes Black Forest composite fiberboard and a black aluminum curtain wall system. The east elevation incorporates portions of the black composite fiberboard, complemented by Accoya light ivory wood siding.

To break up the length of the façade, the applicant proposes aluminum storefront elements on the east and west elevations, with Black Forest composite fiberboard panels in between. A total of four (4) overhead doors are proposed. One (1) glass overhead door is located on the east side, two (2) overhead doors are located on the west side, and one (1) overhead door is proposed on the south side, facing Arnage Drive. No overhead doors are proposed on the north elevation facing I-64.



Figure 5: Front Elevation (North side)

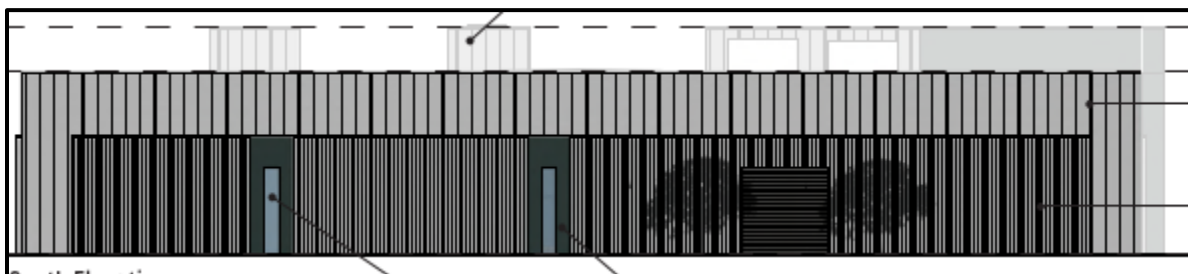


Figure 6: North Elevation

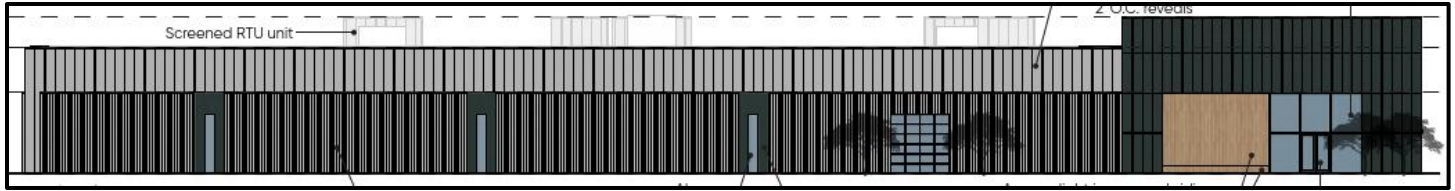


Figure 7: East Elevation

Lighting

A total of 29 light fixtures are proposed for the development, including parking lights and wall pack lights. All of the proposed light fixtures comply with City code. The lighting plan is attached in the packet.

Landscaping

The proposed landscape plan includes a mix of shade trees, ornamental trees, evergreen trees, shrubs, and ground cover. One (1) bio-retention basin is proposed on the south side of the site. Additionally, landscape planters are proposed against the building.

The development includes 55 display spaces, 28 of which are located along I-64 and will be screened with trees and shrubs. The remaining display spaces are located on the east side and will be screened with a combination of shade and evergreen trees.

In addition, landscape buffers are proposed along Arnage Road. Overall, the development is designed to provide approximately 31.3% open space.

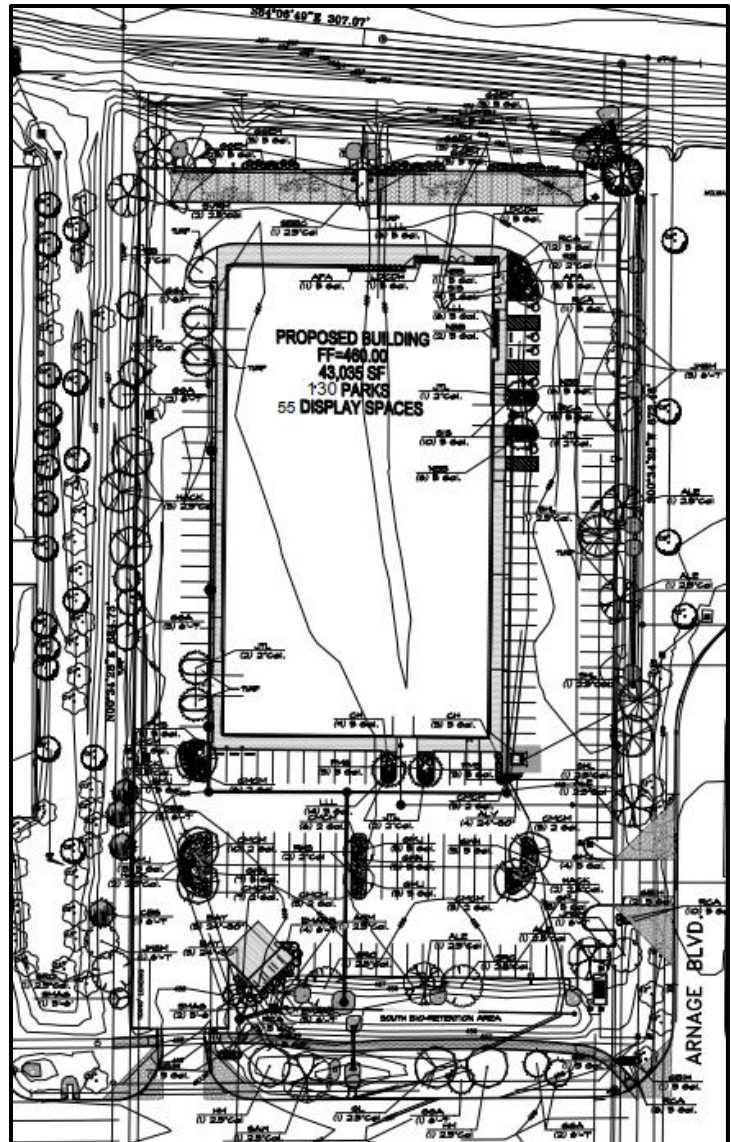


Figure 8: Landscape Plan

Rendering



Figure 9: Rendering (view from I-64)

DEPARTMENTAL INPUT

Be advised, this project is under review by City Staff and will not proceed to the Planning Commission until all outstanding items have been addressed. All recommendations made by the ARB will be included in Staff's report to the Planning Commission.

MOTION

The following options are provided to the Architectural Review Board for consideration relative to this application:

- 1) "I move to forward the Site Development Section Plan, Landscape Plan, Lighting Plan, and Architectural Elevations for Chesterfield Commons Seven, Lot 3, as presented, with a recommendation for approval (or denial)."
- 2) "I move to forward the Site Development Section Plan, Landscape Plan, Lighting Plan, and Architectural Elevations for Chesterfield Commons Seven, Lot 3, with a recommendation for approval with the following conditions..."

Attachments

1. Architectural Review Packet Submittal

RIVIAN SERVICE CENTER CHESTERFIELD, MO

CONCEPT DESIGN
APRIL 01, 2026

2/12/2026

City of Chesterfield

690 Chesterfield Pkwy W
Chesterfield, MO 63017

Rivian Sales and Service Center - 23 Arnage Blvd

Architect's Statement of Design

The proposed Rivian Service Center is designed to meet the City of Chesterfield's General Requirements for Building Design by emphasizing contextual scale, durable materials, and articulated masses.

Scale

The building massing is compatible with surrounding development along Arnage Road and its frontage of Interstate 64 consisting of low-rise commercial structures. Variation in parapet heights and articulated building volumes reduces the perceived scale and responds to similar businesses along the I-64 corridor. We reinforced the human scale through façade articulation, textural changes, and material transitions. Wood wall panels that integrate into planters near the building entry provide warmth and interest at the pedestrian level. This helps ground the building and provide a welcoming entrance for visitors.

Design

The design reinforces Rivian's commitment to sustainability and expression through materiality. Tilt-up concrete panels provide a robust foundation for the building design. The large glass storefront provides visual interest and identifies the primary entrance. The composite fiber board provides a strong contrast to the building while the wood paneling provides finer granularity and elevated accent materials. These features respond and compliment to the established rhythm of adjacent building.

Materials and Color

The durable concrete provides a naturally lighter backdrop for the main entry. This construction type also lends itself to unique reveals and textural changes across the building. The wood screen provides warmth with subtle accented colors when compared to the more neutral concrete and composite fiber board. These materials were selected with their durability in mind while visually responding to the building context.



Screening

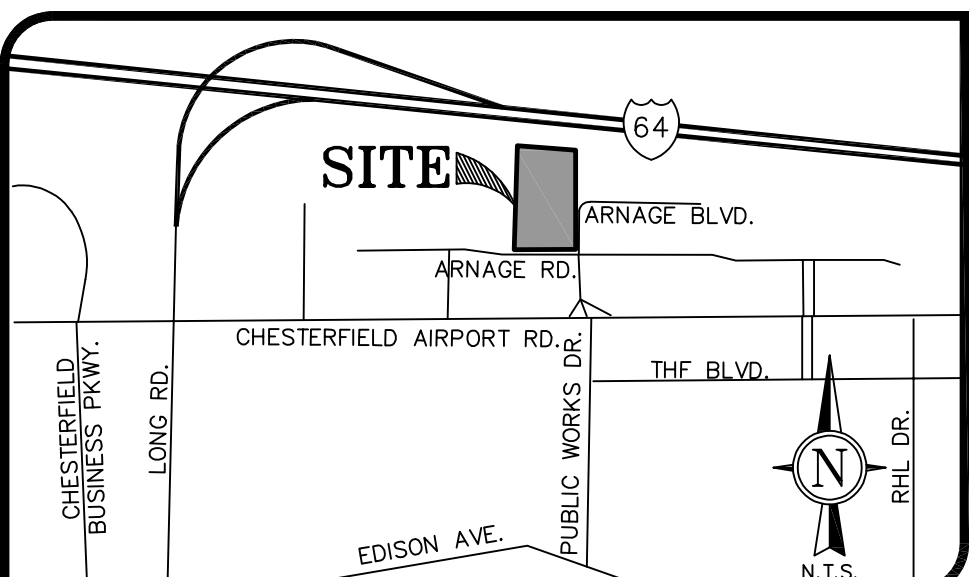
A simple CMU trash enclosure responds nicely to the material expressions found within the building while being a typical screening material to help minimize visual impact and tie the building's site together.

Kind Regards

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

Mark Specker
Senior Architect





OPEN SPACE PERCENTAGE

SITE AREA	4.963 ACRES (204,435 SF)
OPEN SPACE	1.553 ACRES (67,649 SD)
OPEN SPACE PERCENTAGE	1.553 AC./4.963 AC x 100=31.3%
BUILDING	0.988 ACRES (43,035 SF)
PAVED AREA	1.962 ACRES (85,450 SF)
SIDEWALK AREA	0.191 ACRES (8,301 SF)

PERTINENT DATA

CURRENT ZONING	"PC" PLANNED COMMERCIAL DISTRICT
SITE AREA	4.963 ACRES
WATER SHED	MISSOURI RIVER
WATER DISTRICT	MISSOURI AMERICAN WATER
FIRE DISTRICT	MONARCH FIRE DISTRICT
SCHOOL DISTRICT	ROCKWOOD R-6
SEWER DISTRICT	METROPOLITAN ST. LOUIS SEWER DISTRICT (MSD)
FEMA MAP NUMBER	29189C0145 K
DATE	FEB. 4, 2015

OWNERSHIP INFO

OWNER	NET PROP HOLD CO LLC 3167 FEE FEE RD BRIDGETON, MO 63044
PREVIOUS OWNER	THF CHESTERFIELD SEVEN DEVELOPMENT L L C 211 W STADIUM BLVD SUITE 201 COLUMBIA, MO 65203

TSG CHESTERFIELD AIRPORT ROAD
PLAT BOOK 368, PAGE 313

UTILITY CONTACTS:

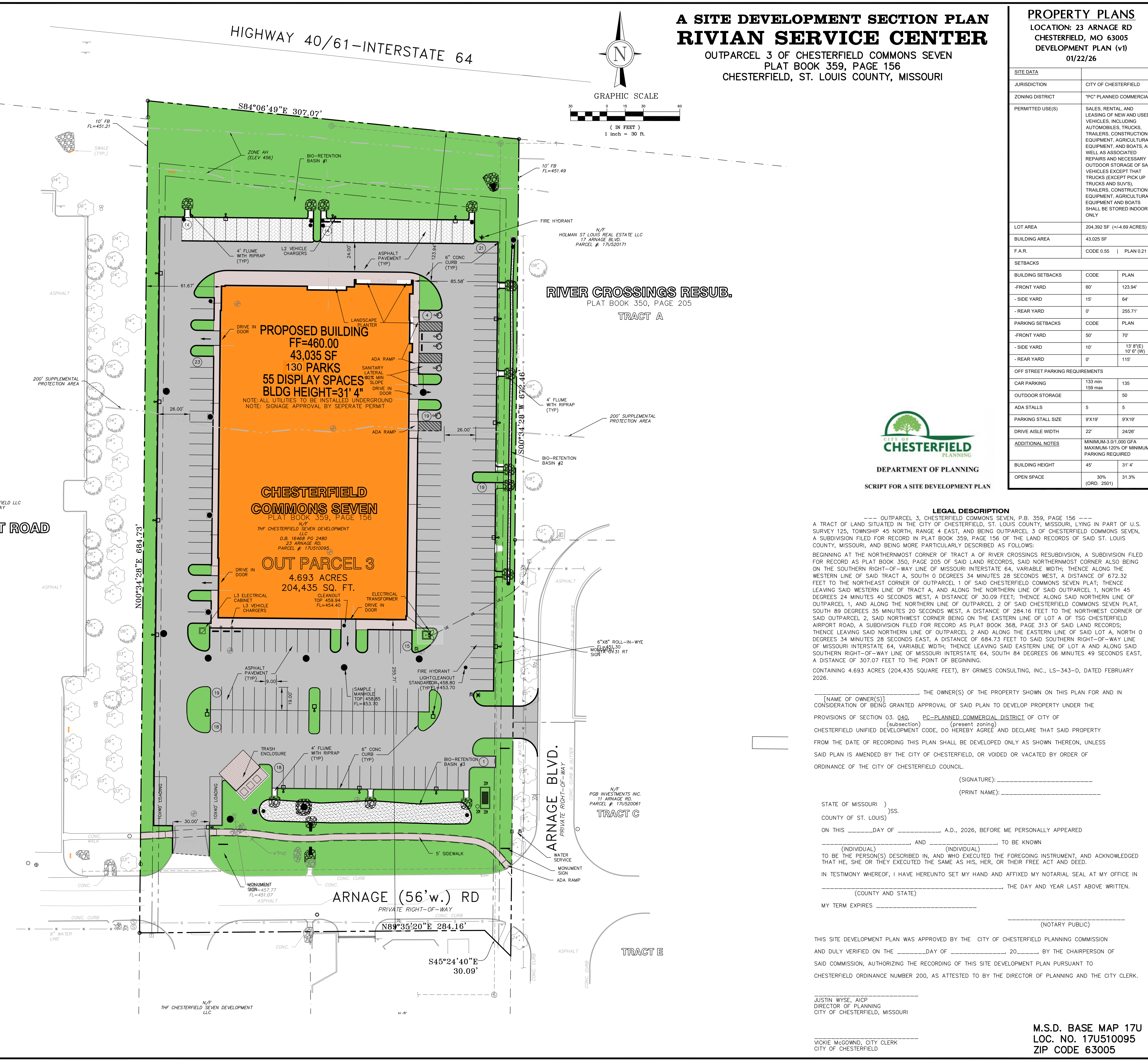
WATER: MO. AMERICAN WATER CO. 727 CRAIG ROAD ST. LOUIS, MO. 63141 TEL. (314) 996-2466	ELECTRIC POWER: AMEREN MISSOURI ELLISVILLE DISTRICT 280 OLD STATE ROAD ELLISVILLE, MO 63021 TEL. (866) 992-6619
SEWER: METROPOLITAN SEWER DISTRICT 2350 MARKET STREET ST. LOUIS, MO. 63103 TEL. (314) 768-6200	NATURAL GAS: SPIRE 720 OLIVE STREET, RM. 1413 ST. LOUIS, MO. 63101 TEL. (314) 342-0878

TELEPHONE COMPANY:
AT&T TELEPHONE CO.
OVERLAND ENGINEERING UNIT
12950 OLIVE ST. ROAD
CREVE COEUR, MO 63141
TEL. (314) 275-0075

BENCHMARK:
STL 00, #12-171: 459.01 FUS NAV088
- Standard DNR aluminum disk stamped SL-38 situated in a grassy area northwest of the intersection of Chesterfield Airport Road and Caprice Drive, south of the parking for a retail strip center approximately 0.1 miles east of Long Road; roughly 58 feet west of the centerline of Caprice Drive, 42 feet north of the centerline of Chesterfield Airport Road, and 69 feet east of a fire hydrant.

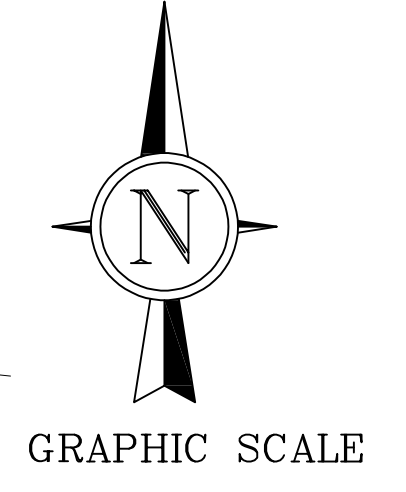
SITE BENCHMARK:
458.88 FUS NAV088 -
A 1/2" iron pipe situated at the Northeast intersection of Arnage Road and Arnage Boulevard. Roughly 2'± East of the East curb line of Arnage Boulevard and 34'± North of the North curb line of Arnage Road.

PREPARED FOR:
DDS BUILDING GROUP
CONTACT: MATT GARVAGLIA
3167 FEE FEE RD
BRIDGETON, MO 63044
PH: (314) 578-3031



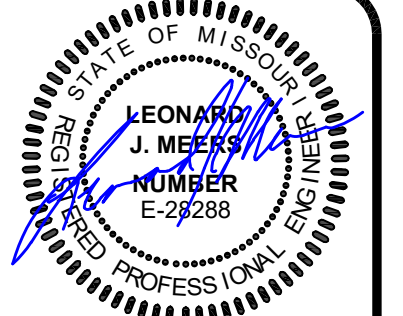
**A SITE DEVELOPMENT SECTION PLAN
RIVIAN SERVICE CENTER**

OUTPARCEL 3 OF CHESTERFIELD COMMONS SEVEN
PLAT BOOK 359, PAGE 156
CHESTERFIELD, ST. LOUIS COUNTY, MISSOURI



PROPERTY PLANS

LOCATION: 23 ARNAGE RD
CHESTERFIELD, MO 63005
DEVELOPMENT PLAN (v1)
01/22/26



3/24/26
LEONARD J. MEERS
PROFESSIONAL ENGINEER
E-28288



GRIMES CONSULTING, INC.
12300 OLD TESSON RD.
SUITE 300
ST. LOUIS, MO 63128
PH: (314) 848-4100
FAX: (314) 848-4010
www.grimesconsulting.com
PE COAP E-3470-D
FS COAP LS-343-D

SITE DATA	
JURISDICTION	CITY OF CHESTERFIELD
ZONING DISTRICT	"PC" PLANNED COMMERCIAL
PERMITTED USE(S)	SALES, RENTAL, AND LEASING OF NEW AND USED VEHICLES, INCLUDING AUTOMOBILES, TRUCKS, TRAILERS, CONSTRUCTION EQUIPMENT, AGRICULTURAL EQUIPMENT, AND BOATS, AS WELL AS ASSOCIATED REPAIRS AND NECESSARY OUTDOOR STORAGE OF SAID VEHICLES EXCEPT THAT TRUCKS (EXCEPT PICK UP TRUCKS AND SUVS), TRAILERS, CONSTRUCTION EQUIPMENT, AGRICULTURAL EQUIPMENT AND BOATS SHALL BE STORED INDOORS ONLY
LOT AREA	204,392 SF (+/-4.69 ACRES)
BUILDING AREA	43,025 SF
F.A.R.	CODE 0.55 PLAN 0.21
SETBACKS	
BUILDING SETBACKS	CODE PLAN
- FRONT YARD	60' 123.94'
- SIDE YARD	15' 64'
- REAR YARD	0' 255.71'
PARKING SETBACKS	CODE PLAN
- FRONT YARD	50' 70'
- SIDE YARD	10' 13' 8"(E) 10' 6"(W)
- REAR YARD	0' 115'
OFF STREET PARKING REQUIREMENTS	
CAR PARKING	133 min 159 max 135
OUTDOOR STORAGE	50
ADA STALLS	5 5
PARKING STALL SIZE	9'X19' 9'X19'
DRIVE AISLE WIDTH	22' 24/26'
ADDITIONAL NOTES	MINIMUM-3,01,000 GFA MAXIMUM-120% OF MINIMUM PARKING REQUIRED
BUILDING HEIGHT	45' 31' 4"
OPEN SPACE	30% (ORD. 2501) 31.3%



LEGAL DESCRIPTION
--- OUTPARCEL 3, CHESTERFIELD COMMONS SEVEN, P.B. 359, PAGE 156 ---
A TRACT OF LAND SITUATED IN THE CITY OF CHESTERFIELD, ST. LOUIS COUNTY, MISSOURI, LYING IN PART OF U.S. SURVEY 125, TOWNSHIP 45 NORTH, RANGE 4 EAST, AND BEING OUTPARCEL 3 OF CHESTERFIELD COMMONS SEVEN, A SUBDIVISION FILED FOR RECORD IN PLAT BOOK 359, PAGE 156 OF THE LAND RECORDS OF SAID ST. LOUIS COUNTY, MISSOURI, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGINNING AT THE NORTHERNMOST CORNER OF TRACT A OF RIVER CROSSINGS RESUBDIVISION, A SUBDIVISION FILED FOR RECORD AS PLAT BOOK 350, PAGE 205 OF SAID LAND RECORDS, SAID NORTHERNMOST CORNER ALSO BEING ON THE SOUTHERN RIGHT-OF-WAY LINE OF MISSOURI INTERSTATE 64, VARIABLE WIDTH; THENCE ALONG THE WESTERN LINE OF SAID TRACT A, SOUTH 0 DEGREES 34 MINUTES 28 SECONDS WEST, A DISTANCE OF 672.32 FEET TO THE NORTHEAST CORNER OF OUTPARCEL 1 OF SAID CHESTERFIELD COMMONS SEVEN PLAT; THENCE LEAVING SAID WESTERN LINE OF TRACT A, AND ALONG THE NORTHERN LINE OF SAID OUTPARCEL 1, NORTH 45 DEGREES 24 MINUTES 40 SECONDS WEST, A DISTANCE OF 30.09 FEET; THENCE ALONG SAID NORTHERN LINE OF OUTPARCEL 1, AND ALONG THE NORTHERN LINE OF OUTPARCEL 2 OF SAID CHESTERFIELD COMMONS SEVEN PLAT, SOUTH 89 DEGREES 35 MINUTES 20 SECONDS WEST, A DISTANCE OF 284.16 FEET TO THE NORTHWEST CORNER OF SAID OUTPARCEL 2, SAID NORTHWEST CORNER BEING ON THE EASTERN LINE OF LOT A OF TSG CHESTERFIELD AIRPORT ROAD, A SUBDIVISION FILED FOR RECORD AS PLAT BOOK 368, PAGE 313 OF SAID LAND RECORDS; THENCE LEAVING SAID NORTHERN LINE OF OUTPARCEL 2 AND ALONG THE EASTERN LINE OF SAID LOT A, NORTH 0 DEGREES 34 MINUTES 28 SECONDS EAST, A DISTANCE OF 684.73 FEET TO SAID SOUTHERN RIGHT-OF-WAY LINE OF MISSOURI INTERSTATE 64, VARIABLE WIDTH; THENCE LEAVING SAID EASTERN LINE OF LOT A AND ALONG SAID SOUTHERN RIGHT-OF-WAY LINE OF MISSOURI INTERSTATE 64, SOUTH 84 DEGREES 06 MINUTES 49 SECONDS EAST, A DISTANCE OF 307.07 FEET TO THE POINT OF BEGINNING.
CONTAINING 4.693 ACRES (204,435 SQUARE FEET), BY GRIMES CONSULTING, INC., LS-343-D, DATED FEBRUARY 2026.

THE OWNER(S) OF THE PROPERTY SHOWN ON THIS PLAN FOR AND IN CONSIDERATION OF BEING GRANTED APPROVAL OF SAID PLAN TO DEVELOP PROPERTY UNDER THE PROVISIONS OF SECTION 03.040, PC-PLANNED COMMERCIAL DISTRICT OF CITY OF CHESTERFIELD UNIFIED DEVELOPMENT CODE, DO HEREBY AGREE AND DECLARE THAT SAID PROPERTY FROM THE DATE OF RECORDING THIS PLAN SHALL BE DEVELOPED ONLY AS SHOWN THEREON, UNLESS SAID PLAN IS AMENDED BY THE CITY OF CHESTERFIELD, OR VOIDED OR VACATED BY ORDER OF ORDINANCE OF THE CITY OF CHESTERFIELD COUNCIL.

(SIGNATURE): _____
(PRINT NAME): _____
STATE OF MISSOURI) ss.
COUNTY OF ST. LOUIS)
ON THIS _____ DAY OF _____ A.D., 2026, BEFORE ME PERSONALLY APPEARED _____ AND _____ TO BE KNOWN (INDIVIDUAL) (INDIVIDUAL) TO BE THE PERSON(S) DESCRIBED IN, AND WHO EXECUTED THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED THAT HE, SHE OR THEY EXECUTED THE SAME AS HIS, HER, OR THEIR FREE ACT AND DEED. IN TESTIMONY WHEREOF, I HAVE HEREUNTO SET MY HAND AND AFFIXED MY NOTARIAL SEAL AT MY OFFICE IN _____ THE DAY AND YEAR LAST ABOVE WRITTEN. (COUNTY AND STATE)
MY TERM EXPIRES _____ (NOTARY PUBLIC)

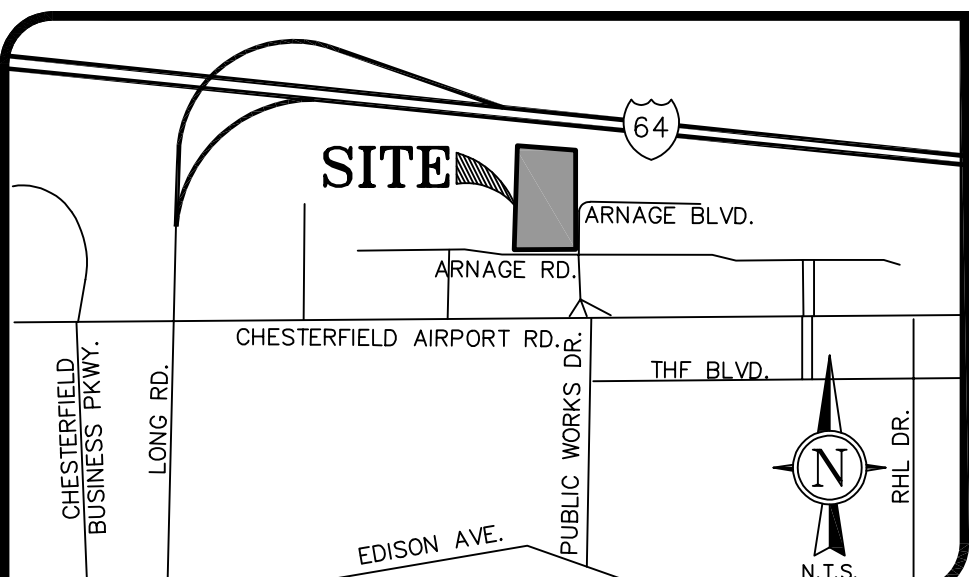
THIS SITE DEVELOPMENT PLAN WAS APPROVED BY THE CITY OF CHESTERFIELD PLANNING COMMISSION AND DULY VERIFIED ON THE _____ DAY OF _____ 20____ BY THE CHAIRPERSON OF SAID COMMISSION, AUTHORIZING THE RECORDING OF THIS SITE DEVELOPMENT PLAN PURSUANT TO CHESTERFIELD ORDINANCE NUMBER 200, AS ATTESTED TO BY THE DIRECTOR OF PLANNING AND THE CITY CLERK.

JUSTIN WYSE, AICP
DIRECTOR OF PLANNING
CITY OF CHESTERFIELD, MISSOURI
VICKIE MCGOWN, CITY CLERK
CITY OF CHESTERFIELD
M.S.D. BASE MAP 17U
LOC. NO. 17U510095
ZIP CODE 63005

IMPROVEMENT PLANS FOR
RIVIAN SERVICE CENTER
23 ARNAGE RD, CHESTERFIELD, MO 63005

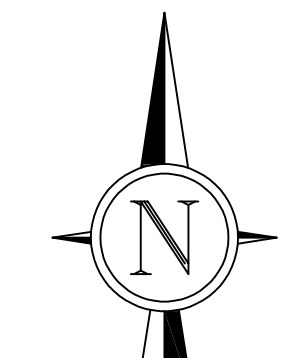
COLOR SITE PLAN

SHEET TITLE	JOB NUMBER: 4434
DRAWN BY: JLW	DATE: 02/12/26
CHECKED BY: LJM	DATE: 02/12/26
SHEET:	C2.0



A SITE DEVELOPMENT SECTION PLAN RIVIAN SERVICE CENTER

OUTPARCEL 3 OF CHESTERFIELD COMMONS SEVEN
PLAT BOOK 359, PAGE 156
CHESTERFIELD, ST. LOUIS COUNTY, MISSOURI

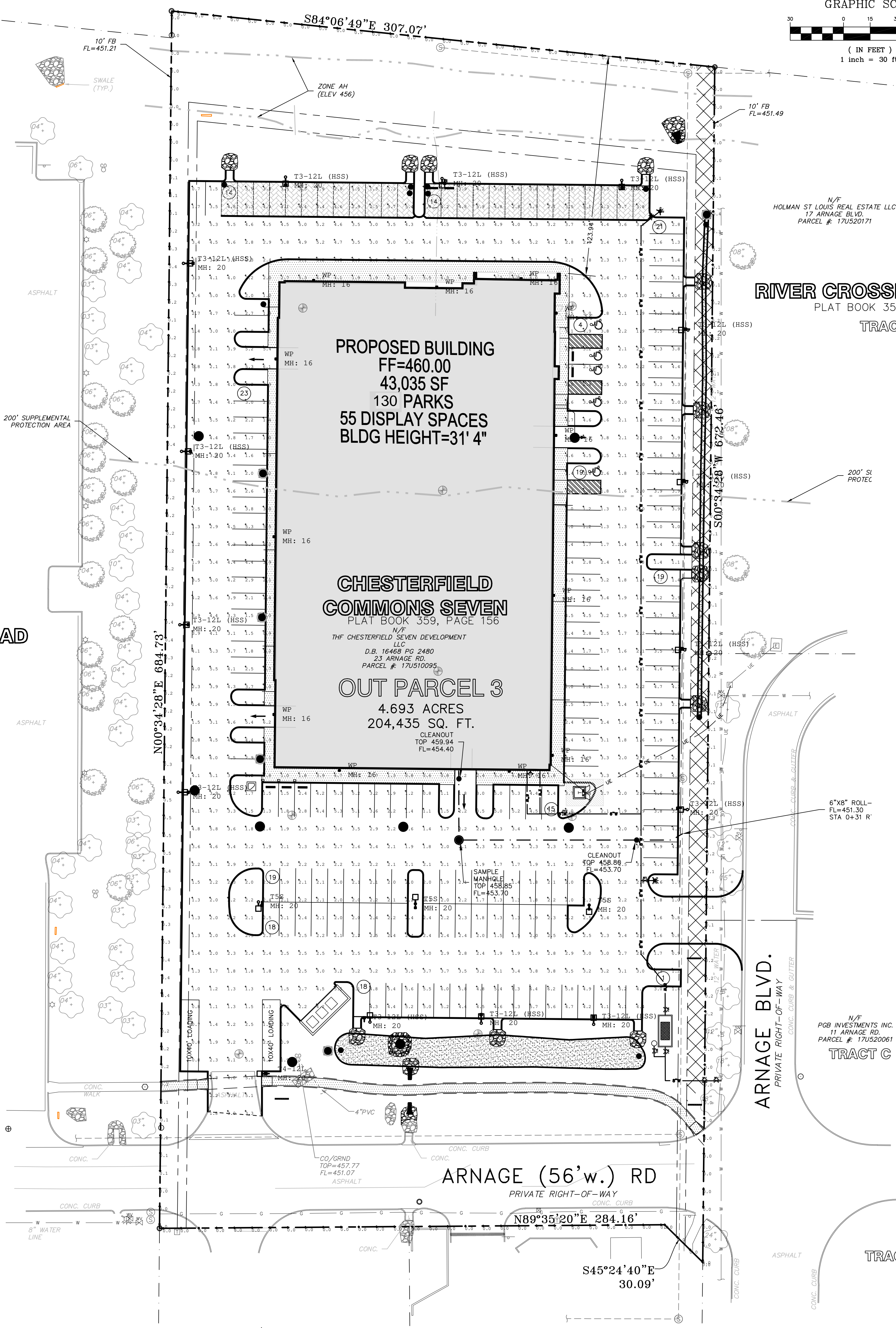


GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

HIGHWAY 40/61-INTERSTATE 64

S84°06'49"E 307.07'



RIVER CROSSINGS RESUB.
PLAT BOOK 350, PAGE 205
TRACT A

200' SI PROTEC

ARNAGE BLVD.
PRIVATE RIGHT-OF-WAY

PGB INVESTMENTS INC.
11 ARNAGE RD.
PARCEL # 17U520061
TRACT C

TRACT E

TSG CHESTERFIELD AIRPORT ROAD
PLAT BOOK 368, PAGE 313

N/F GREENBAY PROPERTIES CHESTERFIELD LLC
1 JAGUAR LAND ROVER WAY
PARCEL # 17U510116

CHESTERFIELD COMMONS SEVEN
PLAT BOOK 359, PAGE 156

OUT PARCEL 3
4.693 ACRES
204,435 SQ. FT.

PROPOSED BUILDING
FF=460.00
43,035 SF
130 PARKS
55 DISPLAY SPACES
BLDG HEIGHT=31' 4"

Symbol	Qty	Label	Arrangement	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
T4-12L	1	T4-12L	Single	SAS-12L-U-40-T4	1.000	13175	82.2	82.2
T3-12L (HSS)	14	T3-12L (HSS)	Single	SAS-12L-U-40-T3-HSS	1.000	9111	82.2	1150.8
TSS	3	TSS	Single	SAS-15L-U-40-TSS	1.000	16916	108.1	324.3
WP	12	WP	Single	SWM-12L-U-40-T4	1.000	11043	86.2	1034.4

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
BOUNDARY	Illuminance	Fc	0.11	0.5	0.0	N.A.	N.A.
SITE	Illuminance	Fc	3.02	6.7	0.6	5.03	11.17

MOUNTING HEIGHT NEXT TO EACH FIXTURE
CALCS EVERY 10' ON GROUND

DESIGN IS BASED ON CURRENT INFORMATION PROVIDED AT THE TIME OF REQUEST.
ANY CHANGES IN MOUNTING HEIGHT OR LOCATION, LAMP WATTAGE, LAMP TYPE, AND
EXISTING FIELD CONDITIONS, THAT EFFECT ANY OF THE PREVIOUSLY MENTIONED, WILL
VOID CURRENT LAYOUT AND REQUIRE A CHANGE REQUEST AND RECALCULATION.

PREPARED FOR:
DDS BUILDING GROUP
CONTACT: MATT GARVAGLIA
3167 FEE FEE RD
BRIDGETON, MO 63044
PH: (314) 578-3031

PREPARED BY: LIGHTING ASSOCIATES
M.S.D. BASE MAP 17U
LOC. NO. 17U510095
ZIP CODE 63005



GRIMES CONSULTING, INC.
12300 OLD TESSON RD.
SUITE 300
ST. LOUIS, MO 63128
PH: (314) 848-4000
FAX: (314) 848-4010
www.grimesconsulting.com
PE COAF E-3470-D
PES COAF US-345-D

REV. NO.	DATE	REMARKS
1		
2		
3		
4		
5		

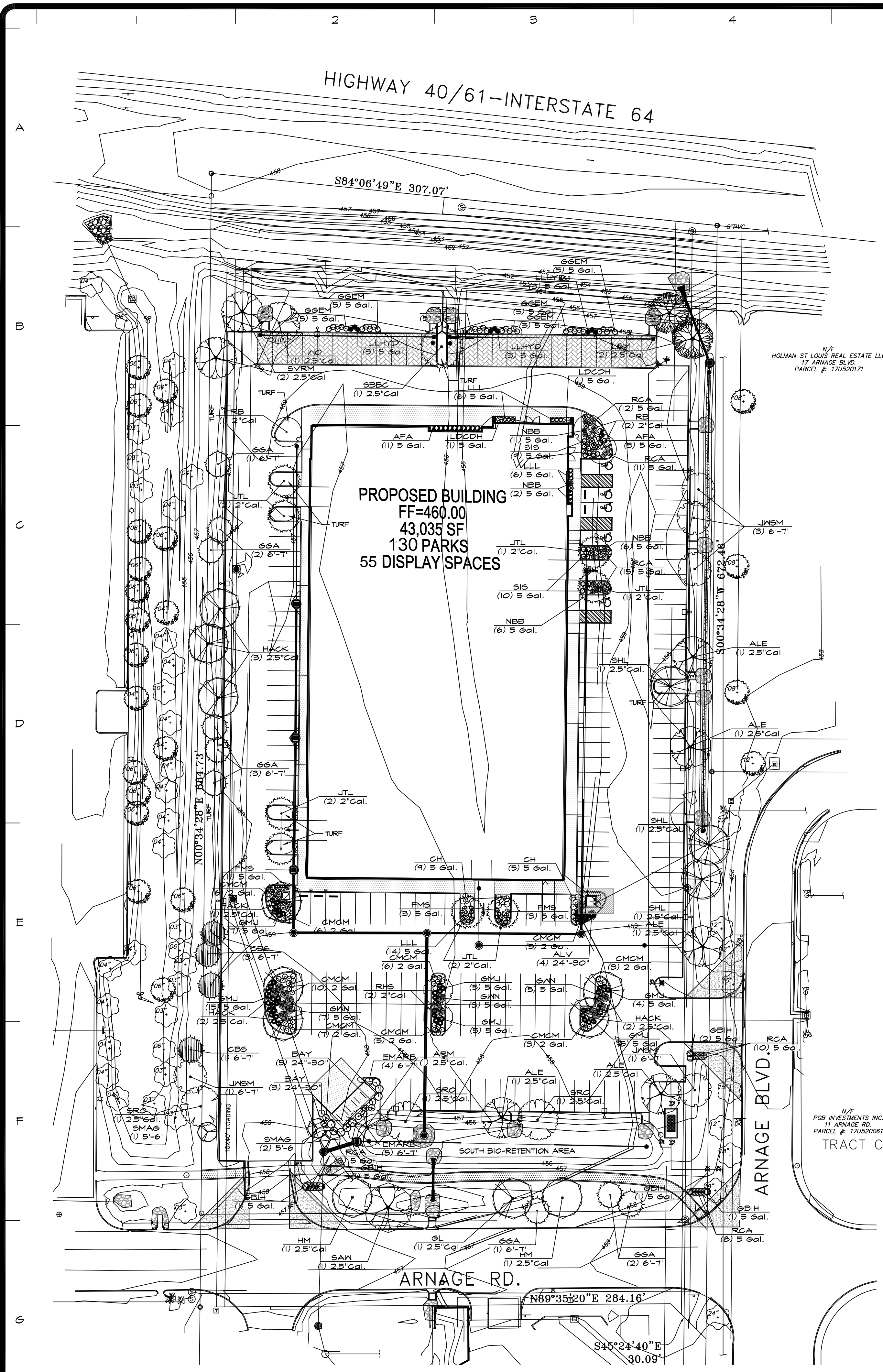
IMPROVEMENT PLANS FOR RIVIAN SERVICE CENTER

23 ARNAGE RD, CHESTERFIELD, MO 63005

PHOTOMETRICS PLAN

SHEET TITLE	PHOTOMETRICS PLAN
JOB NUMBER:	4434
DRAWN BY:	JLW
DATE:	02/12/26
CHECKED BY:	LJM
DATE:	02/12/26
SHEET:	L1.0

L1.0



PLANT SCHEDULE

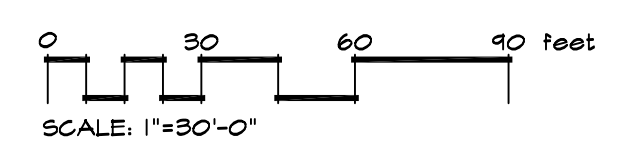
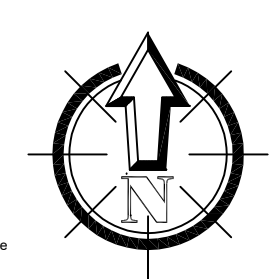
CODE	QTY	COMMON / BOTANICAL NAME	SIZE	MATURE HEIGHT	GROWTH RATE
TREES					
ARM	1	ARMSTRONGS RED MAPLE / ACER RUBRUM 'ARMSTRONGS'	2.5' GAL	40 - 65FT. HT.	FAST
ALE	5	ATHENA LACEBARK ELM / ULMUS PARVIFOLIA 'EMER 1'	2.5' GAL	25 - 40FT. HT.	MODERATE
HACK	8	COMMON HACKBERRY / CELTIS OCCIDENTALIS	2.5' GAL	40 - 65FT. HT.	MODERATE
SL	1	GREENSPIRE LITTLELEAF LINDEN / TILIA CORDATA 'GREENSPIRE'	2.5' GAL	40 - 65FT. HT.	SLOW
HM	2	HEDGE MAPLE / ACER CAMPESTRE	2.5' GAL	25 - 40FT. HT.	MODERATE
LSM	2	LEGACY SUGAR MAPLE / ACER SACCHARUM 'LEGACY'	2.5' GAL	40 - 65FT. HT.	SLOW
SAV	1	SAWTOOTH OAK / QUERCUS ACUTISSIMA	2.5' GAL	40 - 65FT. HT.	MODERATE
SBBC	1	SHAWNEE BRAVE BALD CYPRESS / TAXODIUM DISTICHUM 'MICKELSON'	2.5' GAL	40 - 65FT. HT.	MODERATE
SRQ	3	SHUMARD RED OAK / QUERCUS SHUMARDII	2.5' GAL	40 - 65FT. HT.	FAST
SVRM	2	SUN VALLEY RED MAPLE / ACER RUBRUM 'SUN VALLEY'	2.5' GAL	40 - 65FT. HT.	FAST
WO	1	WILLOW OAK / QUERCUS PHELLOS	2.5' GAL	> 65FT. HT.	MODERATE
SKL	3	'SKYLINE' LOCUST / GLIPTISIA TRIACANTHOS 'SKYLINE'	2.5' GAL	25 - FT. HT.	FAST
EVERGREEN TREES					
CBS	4	COLORADO BLUE SPRUCE / PICEA PENSILVANICA 'LAUCA'	6'-7'	40 - 65FT. HT.	SLOW - MODERATE
EMARB	4	EMERALD ARBORVITAE / THUJA OCCIDENTALIS 'EMERALD'	6'-7'	15 - 25FT. HT.	SLOW - MODERATE
GSA	4	GREEN GIANT ARBORVITAE / THUJA PLICATA 'GREEN GIANT'	6'-7'	25 - 40FT. HT.	SLOW
JMSM	5	SWEETBAY MAGNOLIA / MAGNOLIA VIRGINIANA 'JIM WILSON'	6'-7'	10 - 20FT. HT.	MODERATE
FLOWERING TREES					
JTL	3	IVORY SILK JAPANESE TREE LILAC / SYRINGA RETICULATA 'IVORY SILK'	2' GAL	15 - 25FT. HT.	SLOW - MODERATE
REB	3	REDBUD / CERGIS CANADENSIS	2' GAL	15 - 25FT. HT.	FAST
RHS	2	ROBIN HILL SERVICEBERRY / AMELANCHIER X GRANDIFLORA 'ROBIN HILL'	2' GAL	25 - 30FT. HT.	MODERATE
SMAS	3	SAUCER MAGNOLIA / MAGNOLIA X SOULANGIANA	5'-6'	15 - 25FT. HT.	SLOW
SHRUBS					
ALV	4	ALLEGHANY LEATHERLEAF VIBURNUM / VIBURNUM RHYTIDOPHYLLUM 'ALLEGHANY'	24"-30"		
AFA	16	AUTUMN FIRE AZALEA / AZALEA X 'ROBLEZ'	5 GAL		
CH	14	CHINA BOY/GIRL HOLLY / ILEX MESSEYAE 'CHINA BOY/GIRL' TM	5 GAL		
FMS	17	FIZZY WIZZY SWEETSPICE / ITEA VIRGINICA 'SMNIVM'	5 GAL		
GBH	6	GEM BOX INKERRY HOLLY / ILEX GLABRA 'GEM BOX'	5 GAL		
GN	15	GINGER WINE NINEBARK / PHYSCOCARPUS OPULIFOLIUS 'SMNPOBLR'	5 GAL		
GSEM	30	GREEN SEM BOXWOOD / BUXUS X 'GREEN SEM'	5 GAL		
GMJ	41	GREEN MOUND JUNIPER / JUNIPERUS PROCEMBENS 'GREEN MOUND'	5 GAL		
LDCDH	2	LET'S DANCE CAN DO HYDRANGEA / HYDRANGEA MACROPHYLLA X SERRATA 'LET'S DANCE CAN DO'	5 GAL		
LLL	26	LITTLE LADY LILAC / SYRINGA X 'LADY' PFB03B1	5 GAL		
LLHYD	4	LITTLE LIME HYDRANGEA / HYDRANGEA PANICULATA 'LITTLE LIME'	5 GAL		
NBB	25	NEATBALL BOXWOOD / BUXUS MICROPHYLLA 'NBBBL'	5 GAL		
BAY	3	NORTHERN BAYBERRY / MYRTICA PENNSYLVANICA	24"-30"		
RCA	64	ROSE CREEK ABELIA / ABELIA X GRANDIFLORA 'ROSE CREEK'	5 GAL		
SIS	14	SCENTLANDIA SWEETSPICE / ITEA VIRGINICA 'SMNIVDFC' TM	5 GAL		
ANNUAL PERENNIALS					
CMCM	51	CAT'S MEOW CATMINT / NEPETA X FAASSENI 'CATS MEOW'	2 GAL		
FORBS					
GAX	217	GOLDEN ALEXANDER / ZIZIA AUREA	2 QT. @ 18" OC		
OBS	57	OZARK BLUE STAR / AMSONIA ILLUSTRIS	2 QT @ 30" OC		
ROSEM	62	ROSE MALLOW / HIBISCUS LAEVIS	1 GAL @ 30" OC		
SYMBOL QTY COMMON / BOTANICAL NAME SIZE					
NATIVE GRASSES					
67	BROWN FOX SEDGE / CAREX VULPINOIDEA	PLUS AT 18" OC			
210	GREAT GREEN BULRUSH / SCIRPUS ATROVIRENS	PLUS AT 18" OC			
52	MORNING STAR SEDGE / CAREX GRAYI	PLUS AT 18" OC			
45	PALM SEDGE / CAREX MUSKINGUMENSIS	PLUS AT 18" OC			

- PLEASE NOTE:**
- ALL LANDSCAPE AREAS & ISLANDS SHALL BE PROVIDED WITH A MECHANICAL IN-GROUND IRRIGATION SYSTEM (BY OTHERS). COORDINATE LANDSCAPING WITH IRRIGATION CONTRACTOR.
 - ALL PLANTING BEDS TO BE EDGED w/ SPADE-CUT EDGE.
 - ADJUST TREE LOCATIONS FOR LIGHT STANDARDS AND UNDERGROUND UTILITIES.
 - NO TREES OR OTHER OBSTRUCTIONS CAN BE LOCATED WITHIN 6 FEET OF FIRE HYDRANTS.
 - ALL PLANT MATERIAL WITHIN SIGHT TRIANGLE ZONES TO BE MAINTAINED AT A MAXIMUM HEIGHT OF TWENTY FOUR INCHES (2 FEET).
 - ALL STREET TREES SHALL BE MIN. 2.5" CALIPER WITH A MAXIMUM OF 20% OF TREES OF ONE SPECIES THROUGHOUT.
 - LANDSCAPE AREA CALCULATIONS:
 Net Acreage: 4.963 acres (204,435 s.f.)
 Total Building Coverage Area = 43,035 s.f. (21%)
 Paved Surface Area = 85,865 s.f. (42%)
 Open Space = 67,872 s.f. (33%)
 Sidewalk Area = 7,663 s.f. (4%)
 - STREET TREES ARE LOCATED SUCH THAT CONFLICT BETWEEN TREES AND OVERHEAD POWER LINES IS AVOIDED WHERE POSSIBLE.

- LANDSCAPE REQUIREMENTS:**
- STREET TREES:** 1 per 50 LF FRONTAGE
- 314.24 LF FRONTAGE @ ARNAGE ROAD THEREFORE, SEVEN (7) STREET TREES ARE REQUIRED AND SEVEN (7) ARE PROPOSED (3 Evergreen/4 Deciduous)
- OVERALL TREE GROUPINGS:**
- | TYPE | QTY | PERCENTAGE |
|-------------|-----|------------|
| DECIDUOUS: | 30 | 33.5% |
| ORNAMENTAL: | 27 | 34.6% |
| EVERGREEN: | 21 | 26.9% |
- 12 FAST GROWTH (16%) AND 64 SLOW/MEDIUM GROWTH (84%)



UNDERGROUND UTILITIES AND OSHA SAFETY NOTE
 Underground utilities and structures have been located from available information and records. Their location must be considered approximate only. It is the responsibility of the individual contractor to verify the utility companies before actual construction. All OSHA rules and regulations established for the type of construction required by these plans shall be strictly followed (i.e. trenching, blasting, etc.)



REVISIONS	BY
3/16/2026	RMM

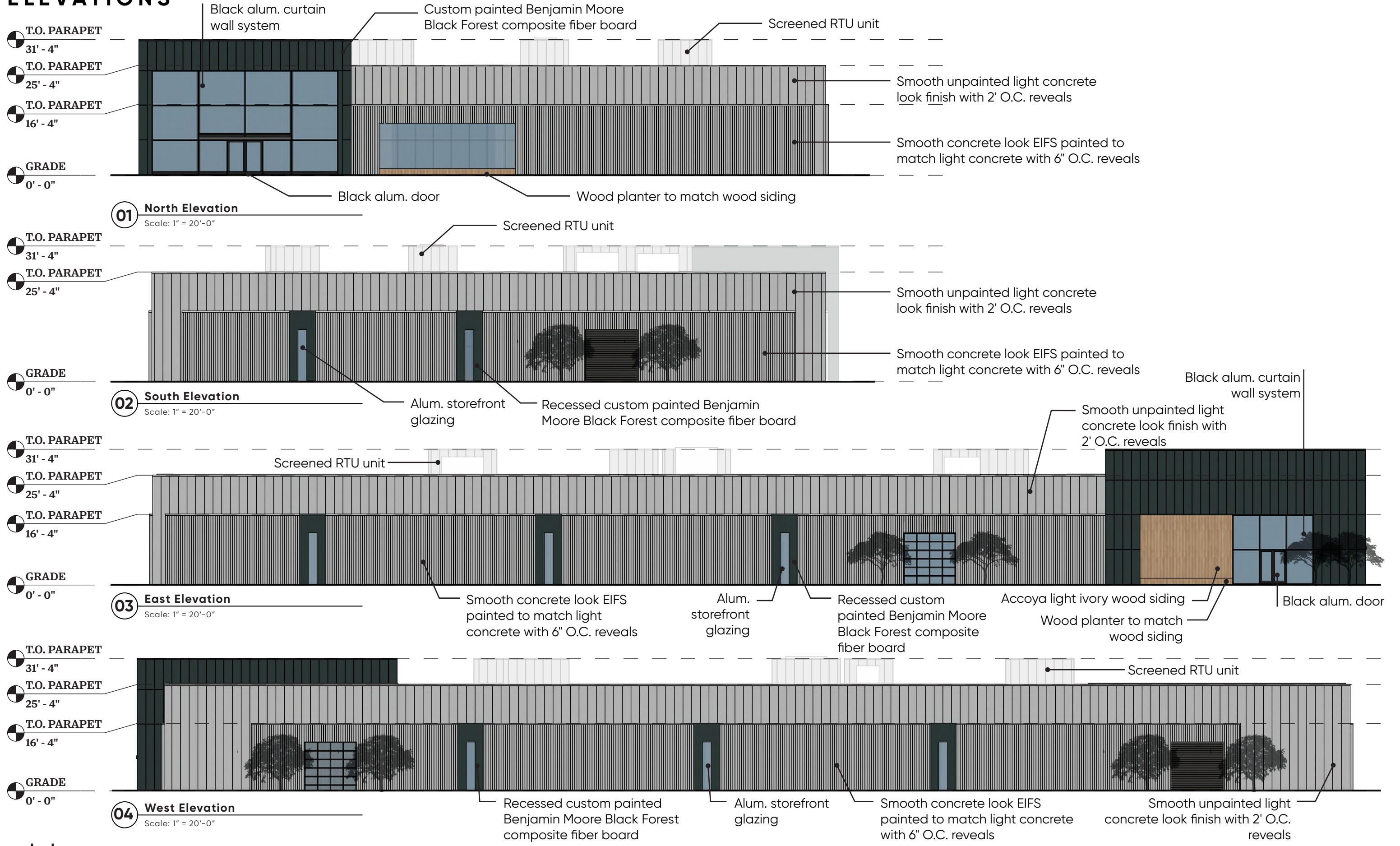
LANDSCAPE TECHNOLOGIES
 6366 123rd St
 St. Louis, MO 63126
 (636) 933-1230
 No Landscape Architecture License

REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT #000019
 RANDALL K. MARDIS
 67 Jacque Creek Drive
 Chesterfield, Missouri 63005
 DATE: 5/16/2026

**PLANTING PLAN FOR THE PROPOSED
 Chesterfield Rivian
 CHESTERFIELD, MISSOURI**

DRAWN	R. MARDIS
CHECKED	RMM/GB
DATE	3/6/2026
SCALE	1"=30'-0"
JOB NO.	2026-106
SHEET	

ELEVATIONS



NORTHEAST CORNER



NORTHWEST CORNER



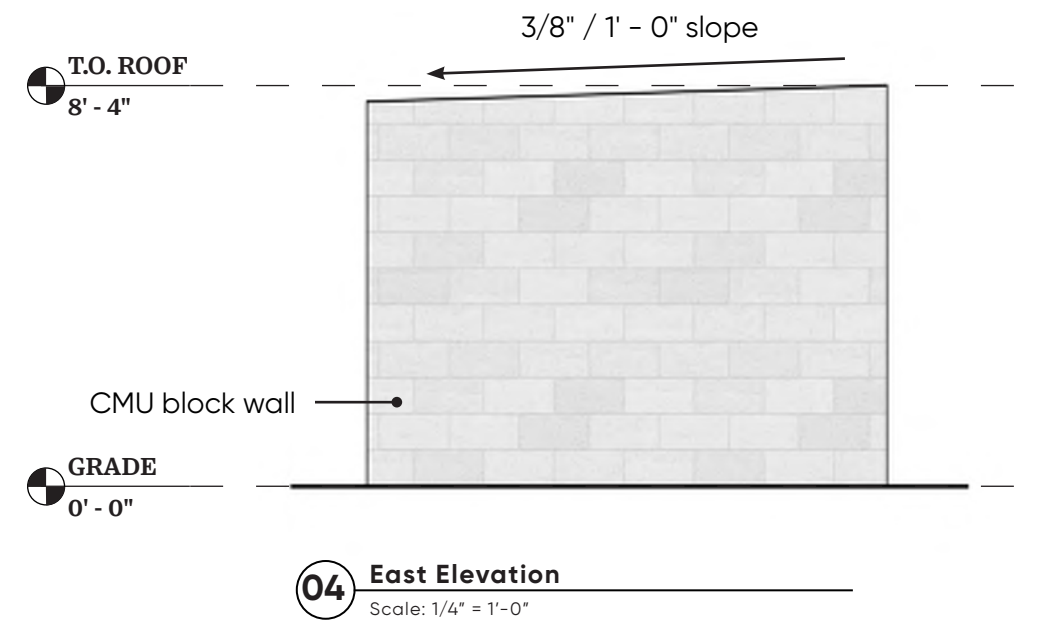
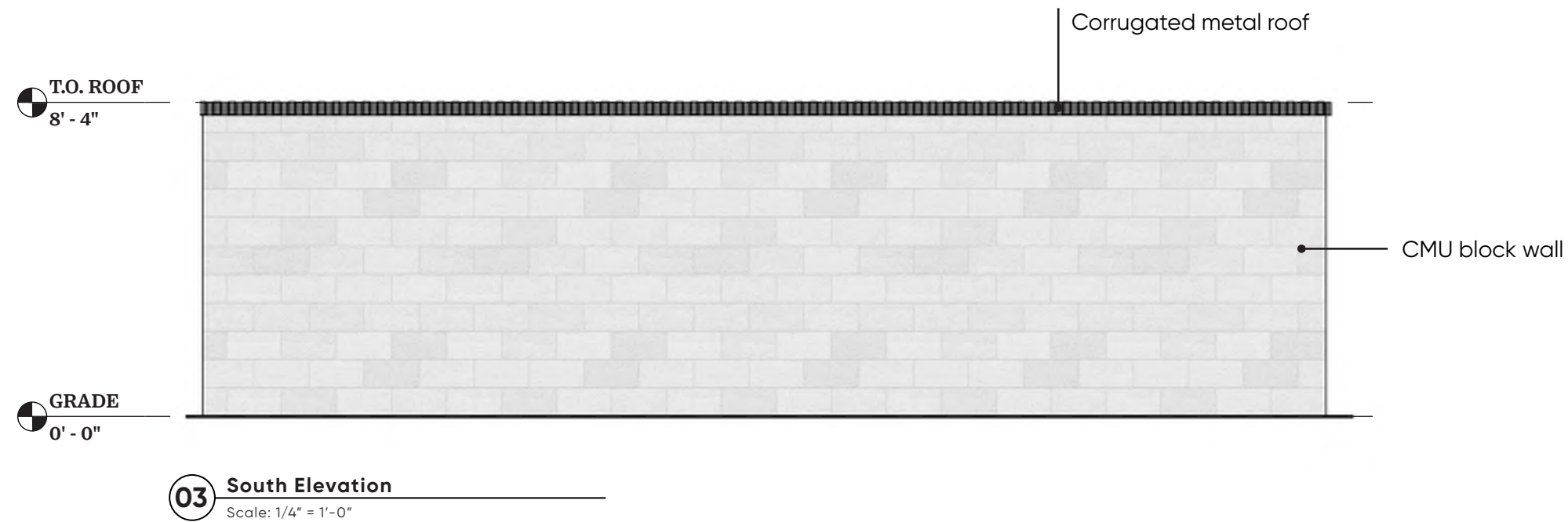
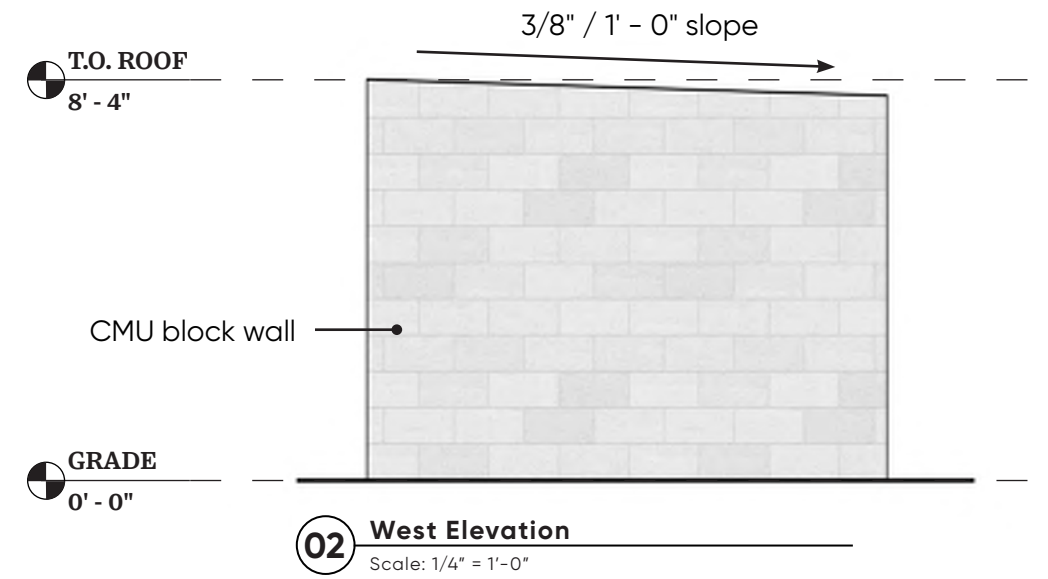
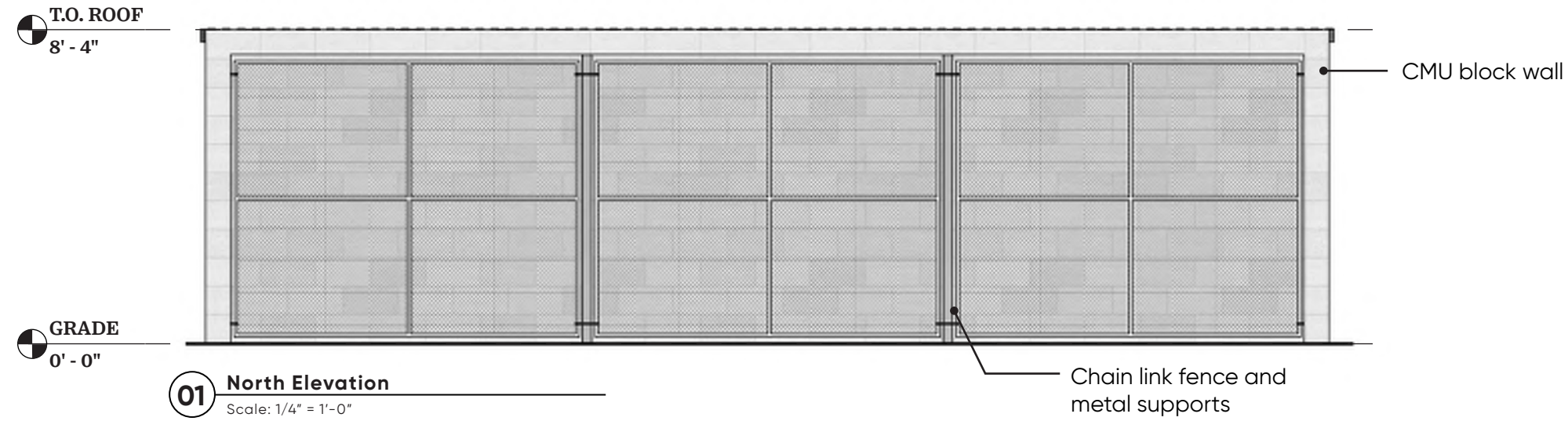
SOUTHEAST CORNER



AERIAL VIEW



TRASH ENCLOSURE ELEVATIONS



Thank You
FOR YOUR TIME



SKYLINE

AREA LIGHT SERIES

PRODUCT
OVERVIEW



SCAN OR
CLICK HERE

FEATURES

- Delivers uniform and precise lighting with five factory-rotatable optical distributions for maximum coverage.
- Simplifies installation with a no-drilling quick pole mount, enabling one-person setup on existing poles.
- Ensures long-lasting performance with an IP66-rated die-cast aluminum housing and UV-stabilized optics.
- Offers advanced control options with wireless integration, PIR occupancy sensors, and bi-level dimming capabilities.
- Adapts to diverse applications with nine mounting methods, including tilt-adjustable and fixed configurations.
- Reduce light spill with optional integrated house-side shields for improved site control.

DIGITAL NAVIGATION

Explore the spec sheet through the links below

[ORDERING GUIDE](#)

[LED SYSTEMS TABLE](#)

[EPA RATINGS VIBRATION CHART](#)

[TILT DEGREE](#)

[ELECTRICAL DATA AMPS](#)

[FIELD ADJUSTABLE OUTPUT DATA](#)

[CONTROLS](#)

[BACKLIGHT CONTROL OPTIONS](#)

[LINE DRAWINGS](#)

[PHOTOMETRIC DATA](#)



* Shown with UMB Mounting

SUITABLE APPLICATIONS

- Parking Lots
- Parking Structure
- Parks
- Education
- Hospitals
- Car Dealerships
- Roadways
- Shopping Centers

CERTIFICATIONS



*Specific Models Only

SPECIFICATIONS

CONSTRUCTION

The Skyline series features a slim profile die-cast aluminum housing available in 2 different sizes for a fully scalable solution. The versatile 9 optional mounting methods allow for easy installation while the hinged door allows for quick drop-down driver access for maintenance. The fully gasketed housing is IP66 rated for whole luminaire ingress protection against moisture and environmental contaminants. The Skyline's low-profile design results in a low EPA, allowing pole optimization to thinner or smaller size pole shafts. Vibration rated per ANSI C136.31 on all mountings (see table Above). The Skyline Series is protected with a durable bronze polyester powder coat finish to withstand extreme weather changes without cracking or peeling.

OPTICS

The IP66 silicone gasket sealed optical chamber utilizes proprietary refractive optics to provide exceptional coverage and uniformity in factory rotatable IES Types 2, 3, 4, 5S (Square) or FTA (Forward Throw Automotive). Polycarbonate optics are impact resistant and UV stabilized for maximum longevity. Available in 5000K, 4000K, and 3000K, color temperatures per ANSI C78.377. Minimum CRI of 70. The optical integrated House side shield (HSS) option allows for improved backlight control without any large shields taking away from the site. The Skyline series produces Zero upright and is DarkSky approved in 3000K color temperature. Optional field installed 3-sided glare shield accessory is available for on-site external house side protection.

ELECTRICAL

Class 1 High-performance drivers features over-voltage, under-voltage, short circuit and over temperature protection. 0-10V dimming (10% - 100%) standard. Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (277-480 Vac). L80 >100,000 hrs. in accordance with IESNA TM-21-19 projected values at 25°C Ambient temperature. Total harmonic distortion: <20%. Power factor: >0.90. Input power stays constant over life. Minimum 6kV surge rating meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2). Additional protection is available in 10kV and 20kV options.

THERMAL

The Skyline Series features an array of High-efficiency LED's mounted on a metal core circuit board. The LED boards are mounted directly to the cast aluminum housing with heat dissipating fins to provide excellent thermal performance extending the life of electronic components. Operating Ambient Temperature: -40°C to +50°C (-40°F to 122°F) 50L Lumen -Package: -40°C to +45°C (-40°F to 113°F).

INSTALLATION

The Skyline series offers nine versatile mounting options. The standard universal mounting bracket (UMB) allows for a quick, no-drill, one-person installation on existing pole drillings. The UMB quick mount fits 4-6" square poles, while the UMB/R adapts to 3-6" round poles. The universal adjustable bracket (UAB) adds full tilt capability. Wall mounting options include the fixed (WFM) and adjustable (WAM) mounts. The horizontal mast arm (HMA) fits 2" (2-3/8" OD) mast arms. The slip fitter (SLPF), rated 1.5G, supports vertical or horizontal tenons with full tilting, while all other arms are 3G-rated. The trunion/yoke bracket (TRN) enables flood applications. All mounts include a 3-wire, 3' outdoor-rated cord, with a 5-wire option available for external dimming. See charts for vibration, weight, and EPA details. Skyline is DarkSky approved for fixed mounting options only.

CONTROLS

Factory installed 3-Pin & 7-Pin ANSI C136.41 Control Receptacle Options available. Dusk to Dawn twist lock photocells sold separately (See accessories). Optional PIR sensors available installed in housing hinged door. See controls section for detailed information on standalone and wireless control options.

CERTIFICATIONS

ETL Listed for wet locations per UL 1598 standards.. Tested in accordance with IESNA LM-79 and LM-80 standards. BAA compliant. RoHS Compliant. Title 24 Compliant; see local ordinance for qualification information. IP66 rated Luminaire per IEC 60598. IP66 rated optical chamber. Finish salt-spray tested to 500 hours per ASTM B117.

DLC Premium Listed Product, Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY

5 Year Warranty Standard; 10 Year Warranty Optional ([Terms and Conditions apply](#)).

CONTINUE TO NEXT PAGE



ORDERING GUIDE

PART #

Example: SAM-24L-U-50-T4-UMB-BRZ-HSS-NURO

SERIES	LUMENS	DRIVER	CCT	DISTRIBUTION	ORIENTATION	MOUNTING
SAS Skyline Small	6L 6,000 lm 9L 9,000 lm 12L 12,000 lm 15L 15,000 lm 18L 18,000 lm	U 120-277V HV 277-480V	30 3000K 40 4000K 50 5000K	T2 T2 - Type 2 T3 T3 - Type 3 T4 T4 - Type 4 T5S Type 5 Square FTA Forward Throw Automotive	BLANK Standard L Optics Rotated Left R Optics Rotated Right	SLPF Adjustable Slip Fitter UMB Universal Fixed UMB/R Universal Mount Sqr/Rnd pole 3"-6" UAB Universal Adjustable UAB/R Universal Adjustable Sqr/Rnd pole 3"-6" WFM Wall Fixed Mount WAM Wall Adjustable Mount TRN Trunnion Mount HTM Horizontal Tenon Mount
SAM Skyline Medium	24L 24,000 lm 30L 30,000 lm 36L 36,000 lm 42L 42,000 lm 50L 50,000 lm					

FINISH	HSS	SML	CONTROLS OPTIONS	
			BASIC	ADVANCED
BRZ Bronze BLK Black WHT White SLV Silver NAT Natural RALxxxx ⁸ Custom (xxxx= Custom RAL#)	BLANK None HSS ² Rotatable House Side Shield	BLANK None SMLxxxx Specified Lumen Output (xxxx= Lumen Output, Nearest Hundred)	BLANK None FAO Field Adjustable Output CR3P 3-Pin NEMA Control receptacle CR7P ⁶ 7-Pin NEMA Control receptacle FSP311/LX ³ Legrand FSP-311 120/277V Sensor (X = Mounting Height, 3=10-20', 7=20-40') FSP321/LX ³ Legrand FSP-321 120-480V Sensor (X = Mounting Height 3=10-20';7=20-40') CR3P/FAO Universal 3-Pin control receptacle (See acc. for photocells) with Field Adjustable Output - 7 level selection connected to 0-10V dimming wires CR7P/FSP/Lx Universal 7-Pin control receptacle with FSP Sensor (X= Mounting Height, 3=20', 7=40') (Controls provided by others)	BLANK None NURO ^{1,3} NUROAir Plug n Play Bluetooth Groupable Sensor SYN ⁵ Synapse Control System SYNS/LX ⁵ Synapse Control System w/ Sensor (X = Mounting Height 3=10-20'; 7=20-40')

PROTECTION	WARRANTY	SHIP WITH ACCESSORIES
BLANK None SP1 ¹ 10kA Surge Protection Device SP2 ¹ 20kA Surge Protection Device SP1HV 10kA Max 480V Surge Protector SP2HV 20kA Max 480V Surge Protector FUSE/SXXX FUSE 120V, 277V, 347V (x= voltage) FUSE/DXXX FUSE 208V, 240V, 480V (x= voltage)	BLANK 5 Year 10YR ² 10 Year	BLANK None SAX/BIRD/yyy Bird Spikes (x= fixture size) (yyy=finish) SAX/GS/yyy ² Rotatable Glare Shield (x= fixture size) (yyy=finish) ILP PAINT CHIP PACK yyy ILP Standard Color Paint Chips (yyy=finish) TLSC ⁴ Twist Lock Shorting cap for use with CRxP Option (120V-480V) TL7/HVG ^{5,7} Synapse Twist Lock Mesh Network 120-480V TLPC/HV ⁴ 277-480V Twist Lock Photocell TLPC/UNV ^{1,4} 120-277V Twist Lock Photocell

FOOTNOTES

- ¹ Not available with HV option
- ² Option Not DLC qualified
- ³ Requires Bluetooth Enabled device for programming (provided by others)
- ⁴ Only Compatible with CR3P and CR7P
- ⁵ Contact Factory for Site Layout, For HV models contact Factory for pricing.
- ⁶ Dimming Leads will be wired to receptacle unless otherwise specified
- ⁷ CR7P Required
- ⁸ Contact factory for pricing and availability
- ⁹ Requires additional Surge Protection (SP1, SP2, SP480V2); For additional details see General Terms and Conditions. Consult Factory for pricing



DARKSKY APPROVED ORDERING GUIDE

PART #

Example: SAM-24L-U-30-T4-UMB-BRZ-HSS-NURO

SERIES		LUMENS		DRIVER	CCT	DISTRIBUTION	ORIENTATION	MOUNTING
SAS	Skyline Small	6L	6,000 lm	U 120-277V HV 277-480V	30 3000K	T2 T2 - Type 2 T3 T3 - Type 3 T4 T4 - Type 4 T5S Type 5 Square FTA Forward Throw Automotive	BLANK Standard L Optics Rotated Left R Optics Rotated Right	UMB Universal Fixed UMB/R Universal Mount Sqr/Rnd pole 3"-6" WFM Wall Fixed Mount HTM Horizontal Tenon Mount
		9L	9,000 lm					
		12L	12,000 lm					
		15L	15,000 lm					
		18L	18,000 lm					
SAM	Skyline Medium	24L	24,000 lm					
		30L	30,000 lm					
		36L	36,000 lm					
		42L	42,000 lm					

FINISH		HSS	SML	CONTROLS OPTIONS	
				BASIC	ADVANCED
BRZ	Bronze	BLANK	None	BLANK	None
BLK	Black	HSS ²	Specified	CR3P	NURO ^{1,3}
WHT	White		Lumen Output	CR7P ⁶	NUROAir Plug n Play Bluetooth Groupable Sensor
SLV	Silver		(xxxx= Lumen Output, Nearest Hundred)	FSP311/LX ^{1,3}	SYN ⁵
NAT	Natural Aluminum			FSP321/LX ³	SYNS/LX ⁵
RALxxxx ⁸	Custom (xxxx= Custom RAL#)			CR3P/FAO	
				CR7P/FSP/Lx	

PROTECTION		WARRANTY	SHIP WITH ACCESSORIES		
BLANK	None	BLANK	5 Year	BLANK	None
SP1 ¹	10kA Surge Protection Device	10YR ⁷	10 Year	SAX/BIRD/yyy	Bird Spikes (x= fixture size) (yyy=finish)
SP2 ¹	20kA Surge Protection Device			SAX/GS/yyy ²	Rotatable Glare Shield (x= fixture size) (yyy=finish)
SP1HV	10kA Max 480V Surge Protector			ILP PAINT CHIP PACKyyy	ILP Standard Color Paint Chips (yyy=finish)
SP2HV	20kA Max 480V Surge Protector			TLSC ⁴	Twist Lock Shorting cap for use with CRxP Option (120V-480V)
FUSE/SXXX	FUSE 120V, 277V, 347V (x= voltage)			TL7/HVG ^{5,7}	Synapse Twist Lock Mesh Network 120-480V
FUSE/DXXX	FUSE 208V, 240V, 480V (x= voltage)			TLPC/HV ⁴	277-480V Twist Lock Photocell
				TLPC/UNV ^{4,4}	120-277V Twist Lock Photocell

FOOTNOTES

- ¹ Not available with HV option
- ² Option Not DLC qualified
- ³ Requires Bluetooth Enabled device for programming (provided by others)
- ⁴ Only Compatible with CR3P and CR7P
- ⁵ Contact Factory for Site Layout, For HV models contact Factory for pricing.
- ⁶ Dimming Leads will be wired to receptacle unless otherwise specified
- ⁷ CR7P Required
- ⁸ Contact factory for pricing and availability
- ⁹ Requires additional Surge Protection (SP1, SP2, SP480V2); For additional details see General Terms and Conditions. Consult Factory for pricing



LED SYSTEMS INFO

LED SYSTEMS INFO		3000K		4000K		5000K		BUG Rating	Watts ²	Replaces
Part Numbers	Distribution	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy			
SAS-6L	2	6322	138.0	6655	145.3	6788	148.2	B1-U0-G1	46 W	175W MH
	3	6301	137.6	6633	144.8	6766	147.7	B1-U0-G2		
	4	6234	136.1	6562	143.3	6693	146.1	B1-U0-G1		
	5S	6345	138.5	6679	145.8	6813	148.7	B3-U0-G2		
	FTA	6824	149.0	7183	156.8	7327	160.0	B1-U0-G1		
SAS-9L	2	8941	127.9	9412	134.6	9600	137.3	B1-U0-G2	70 W	250W MH
	3	8912	127.5	9381	134.2	9569	136.9	B2-U0-G2		
	4	8817	126.1	9281	132.8	9467	135.4	B2-U0-G2		
	5S	8973	128.4	9445	135.1	9634	137.8	B4-U0-G2		
	FTA	9650	138.1	10158	145.3	10361	148.2	B1-U0-G1		
SAS-12L	2	12693	154.4	13361	162.5	13628	165.8	B2-U0-G2	82 W	320W MH
	3	12652	153.9	13318	162.0	13584	165.3	B2-U0-G2		
	4	12516	152.3	13175	160.3	13439	163.5	B2-U0-G2		
	5S	12739	155.0	13409	163.1	13677	166.4	B4-U0-G2		
	FTA	13700	166.7	14421	175.4	14709	178.9	B2-U0-G1		
SAS-15L	2	16013	148.1	16856	155.9	17193	159.0	B2-U0-G2	108 W	400W MH
	3	15962	147.7	16802	155.4	17138	158.5	B2-U0-G2		
	4	15791	146.1	16622	153.8	16954	156.8	B2-U0-G2		
	5S	16070	148.7	16916	156.5	17254	159.6	B4-U0-G2		
	FTA	17283	159.9	18193	168.3	18557	171.7	B2-U0-G1		
SAS-18L	2	18245	138.5	19205	145.8	19589	148.7	B3-U0-G2	132 W	400W MH
	3	18186	138.1	19143	145.4	19526	148.3	B3-U0-G3		
	4	17984	136.6	18931	143.7	19310	146.6	B3-U0-G3		
	5S	18310	139.0	19274	146.3	19659	149.3	B5-U0-G3		
	FTA	19692	149.5	20728	157.4	21143	160.5	B2-U0-G1		
SAM-24L	2	23494	142.4	24730	149.9	25225	152.9	B3-U0-G3	165 W	400W MH
	3	23373	141.7	24603	149.1	25095	152.1	B3-U0-G4		
	4	23203	140.6	24424	148.0	24912	151.0	B3-U0-G4		
	5S	23911	144.9	25169	152.5	25672	155.6	B5-U0-G3		
	FTA	23559	142.8	24799	150.3	25295	153.3	B2-U0-G2		
SAM-30L	2	30061	135.0	31643	142.1	32276	144.9	B3-U0-G3	222 W	750W MH
	3	29906	134.3	31480	141.4	32110	144.2	B3-U0-G4		
	4	29688	133.3	31251	140.3	31876	143.1	B3-U0-G4		
	5S	30594	137.4	32204	144.6	32848	147.5	B5-U0-G4		
	FTA	30144	135.4	31730	142.5	32365	145.3	B3-U0-G2		
SAM-36L	2	36547	153.6	38470	161.7	39239	164.9	B3-U0-G3	237 W	750W MH
	3	36357	152.8	38271	160.9	39036	164.1	B3-U0-G5		
	4	34913	146.8	36750	154.5	37485	157.6	B3-U0-G5		
	5S	35977	151.2	37871	159.2	38628	162.4	B5-U0-G4		
	FTA	35448	149.0	37314	156.8	38060	160.0	B3-U0-G2		
SAM-42L	2	39231	141.6	41296	149.0	42122	152.0	B4-U0-G3	277 W	1000W MH
	3	39099	141.1	41157	148.5	41980	151.5	B3-U0-G5		
	4	38885	140.3	40932	147.7	41751	150.7	B3-U0-G5		
	5S	39927	144.1	42028	151.7	42869	154.7	B5-U0-G4		
	FTA	39340	142.0	41410	149.4	42238	152.4	B3-U0-G2		
SAM-50L	2	48196	142.3	50732	149.8	51747	152.8	B4-U0-G4	338.6	1000W MH
	3	48033	141.9	50561	149.3	51573	152.3	B4-U0-G5		
	4	47771	141.1	50285	148.5	51291	151.5	B4-U0-G5		
	5S	49050	144.9	51631	152.5	52664	155.5	B5-U0-G5		
	FTA	48329	142.7	50872	150.2	51890	153.2	B3-U0-G3		

¹Values are nominal, see IES file for more detail ²Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

*Please refer to the DLC Qualified Products List at www.Designlights.org/QPL to confirm specific product qualifications.




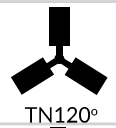




EPA RATINGS AND VIBRATION CHART

	SLPF		UMB		UAB		WFM		WAM		TRN		HTM		WEIGHT
SAS	0.53	1.5g	0.47	3g	0.53	3g	0.47	3g	0.53	3g	0.47	1.5g	0.47	3g	11 lbs
SAM	0.71	1.5g	0.64	3g	0.71	3g	0.64	3g	0.71	3g	0.64	1.5g	0.64	3g	22 lbs
WEIGHT	4.5 lbs		2.5 lbs		5.5 lbs		3.0 lbs		6.0 lbs		2.5 lbs		3.5 lbs		

* EPA Ratings listed assume fixture is mounted horizontally. For adjustable mounting options, EPA will vary with selected angle.

TILT DEGREE

TILT DEGREE		0°	30°	45°	TILT DEGREE		0°	30°	45°
 Single	SAS	0.47	1.32	1.72	 T90°	SAS	1.13	1.83	2.39
	SAM	0.64	2.49	3.32		SAM	1.54	3.46	4.61
 D180°	SAS	1.03	1.32	1.72	 TN120°	SAS	1.22	2.77	3.58
	SAM	1.41	2.49	3.32		SAM	1.66	5.23	6.91
 D90°	SAS	0.85	1.58	1.72	 Q90°	SAS	1.13	1.83	2.39
	SAM	1.15	2.99	3.32		SAM	1.54	3.46	4.61

*EPA for UMB, WFM, TRN, and HTM mounts

ELECTRICAL DATA (AMPS)

Lumen Package	120V	208V	240V	277V	347V	480V
6L	0.38 A	0.22 A	0.19 A	0.17 A	0.13 A	0.10 A
9L	0.58 A	0.34 A	0.29 A	0.25 A	0.20 A	0.15 A
12L	0.73 A	0.42 A	0.37 A	0.32 A	0.25 A	0.18 A
15L	0.92 A	0.53 A	0.46 A	0.40 A	0.32 A	0.23 A
18L	1.14 A	0.66 A	0.57 A	0.49 A	0.39 A	0.29 A
24L	1.39 A	0.80 A	0.70 A	0.60 A	0.48 A	0.35 A
30L	1.83 A	1.06 A	0.92 A	0.79 A	0.63 A	0.46 A
36L	1.96 A	1.13 A	0.98 A	0.85 A	0.68 A	0.49 A
42L	2.27 A	1.31 A	1.13 A	0.98 A	0.78 A	0.57 A
50L	2.82 A	1.63 A	1.41 A	1.22 A	0.98 A	0.71 A

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



FIELD ADJUSTABLE OUTPUT DATA (FAO)

Part Number	FAO Position	0	1	2	3	4	5	6	7
SAS-6L-U-40-T4	Input Power (W)	46	40	35	29	24	19	13	8
	Approx Lumens @3000K	6234	5421	4743	3930	3253	2575	1762	1084
	Approx Lumens @4000K	6562	5706	4993	4137	3424	2710	1854	1141
	Approx Lumens @5000K	6693	5820	5093	4220	3492	2765	1892	1164
SAS-9L-U-40-T4	Input Power (W)	70	61	52	44	35	27	19	10
	Approx Lumens @3000K	8817	7683	6550	5542	4409	3401	2393	1260
	Approx Lumens @4000K	9281	8088	6894	5834	4641	3580	2519	1326
	Approx Lumens @5000K	9467	8250	7033	5951	4734	3652	2570	1352
SAS-12L-U-40-T4	Input Power (W)	82	72	61	52	43	33	23	14
	Approx Lumens @3000K	12516	10990	9311	7937	6563	5037	3511	2137
	Approx Lumens @4000K	13175	11568	9801	8355	6909	5302	3695	2249
	Approx Lumens @5000K	13439	11800	9997	8522	7047	5408	3769	2294
SAS-15L-U-40-T4	Input Power (W)	108	95	82	70	57	44	31	18
	Approx Lumens @3000K	15791	13890	11989	10235	8334	6433	4533	2632
	Approx Lumens @4000K	16622	14621	12620	10774	8773	6772	4771	2770
	Approx Lumens @5000K	16954	14913	12872	10989	8948	6907	4866	2826
SAS-18L-U-40-T4	Input Power (W)	132	117	100	85	68	53	37	21
	Approx Lumens @3000K	17984	15940	13624	11581	9264	7221	5041	2861
	Approx Lumens @4000K	18931	16780	14342	12190	9752	7601	5306	3012
	Approx Lumens @5000K	19310	17116	14629	12434	9948	7753	5413	3072
SAM-24L-U-40-T4	Input Power (W)	165	142	123	104	84	64	44	25
	Approx Lumens @3000K	23203	19969	17297	14625	11812	9000	6187	3516
	Approx Lumens @4000K	24424	21019	18207	15395	12434	9474	6513	3701
	Approx Lumens @5000K	24912	21439	18571	15702	12682	9663	6643	3775
SAM-30L-U-40-T4	Input Power (W)	222	196	169	142	115	88	62	34
	Approx Lumens @3000K	29688	26211	22600	18990	15379	11768	8291	4547
	Approx Lumens @4000K	31251	27591	23790	19989	16189	12388	8728	4786
	Approx Lumens @5000K	31876	28143	24266	20389	16512	12636	8902	4882
SAM-36L-U-40-T4	Input Power (W)	237	210	182	154	126	99	71	42
	Approx Lumens @3000K	34913	30936	26811	22686	18561	14584	10459	6187
	Approx Lumens @4000K	36750	32563	28222	23880	19538	15351	11009	6513
	Approx Lumens @5000K	37485	33215	28786	24357	19929	15658	11230	6643
SAM-42L-U-40-T4	Input Power (W)	277	239	207	174	142	109	76	43
	Approx Lumens @3000K	38885	33551	29058	24426	19934	15301	10669	6036
	Approx Lumens @4000K	40932	35317	30588	25712	20983	16107	11230	6354
	Approx Lumens @5000K	41751	36023	31200	26226	21403	16429	11455	6481
SAM-50L-U-40-T4	Input Power (W)	339	292	253	213	174	133	93	53
	Approx Lumens @3000K	47771	41148	35652	30015	24520	18742	13105	7469
	Approx Lumens @4000K	50285	43313	37528	31595	25810	19728	13795	7862
	Approx Lumens @5000K	51291	44180	38279	32227	26326	20123	14071	8019

¹LED Chips are frequently updated therefore values are nominal ²Electrical data at 25°C (77°F) 277V. Actual wattage may differ by +/-10%.



CONTROLS OPTIONS

BASIC

FSP311/Lx - FSP321/Lx

Optional Bluetooth Programmable PIR sensor allows for Continuous Dimming, Motion and/ or daylight harvesting, Fully adjustable high/low dimmed light levels, and Adjustable time delay/ cutoff delay. The sensor is programmed via a free iOS® or Android® Sensor Configuration App (compatible device provided by others). Available in 10'-20' or 20'-40' mounting lenses. See coverage patterns below, L7=20'-40', L3=10'-20'.

Default Settings:

- High Mode: 100% Output
- Low Mode: 10% Output
- Time Delay: 5 mins
- Cutoff: 1 hr
- Sensitivity: High
- Photocell: Disabled
- Continuous Dimming: Disabled

FAO

Internal bi-level switch offers adjustable light levels for greater flexibility within one product. Utilizes 0-10V dimming wires and cannot be combined with other sensor or control options.

CRxP

3-Pin or 7-pin ANSI C136.41-2013 control receptacle option available for NEMA twist lock photocontrols or wireless control modules. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring). x = Number of pins (3 or 7).

ADVANCED

NUROAir by ILLUMUS

NURO

NUROAir Plug n Play Bluetooth Sensor is the optimal groupable controls lighting solution. With main features such as Plug and Play, PIR Motion Sensing, Occupancy/Vacancy and Photocell (BLK) - this flexibility makes the NUROAir Plug n Play Sensor ideal for tailoring lighting to specific space needs, optimizing both ambiance and efficiency. The NUROAir App, available for download on iOS and Google Play Store, offers a user-friendly interface for automatic or manual customization of your space. Through the app, users can configure sensor settings such as the Light Output, CCT, Hold Time, Standby Time/Level, High/Low End Trim, Background Light Level, Set Schedules, and Control Lighting Groups or Zones, all from a mobile or tablet device. Manual control is also available with a range of compatible wireless & wired wall switch options.



[Click Here or Scan Code to Learn More About](#)

NUROAir Bluetooth Controls

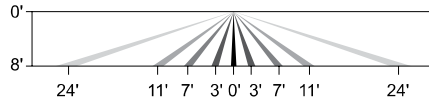
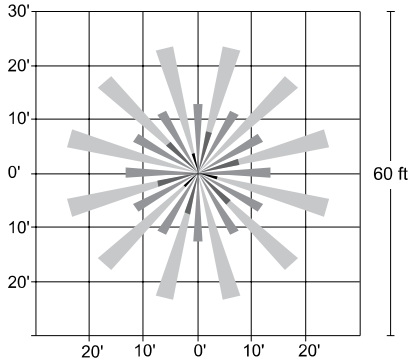
Synapse (SYN or TL7)

Utilizing a robust 2.4 GHz Self-Healing Mesh Network, Synapse provides flexibility and scalability making it a perfect outdoor solution for both new construction and retrofit projects. The easy-to-use web application is accessible on any device with an internet connection and allows for complete customization of the system and its features. Integral radio (SYN) includes (2) 24V inputs for a Wattstopper sensor or twist lock photocell into the wireless lighting system. External radio (TL7) includes (1) low voltage input for a Wattstopper sensor, available in 120-480V. Sensors available in 20' or 40' mounting lenses. See coverage patterns below. Sensor mounted on hinged driver cover. Antenna exits side of luminaire for maximum connectivity.

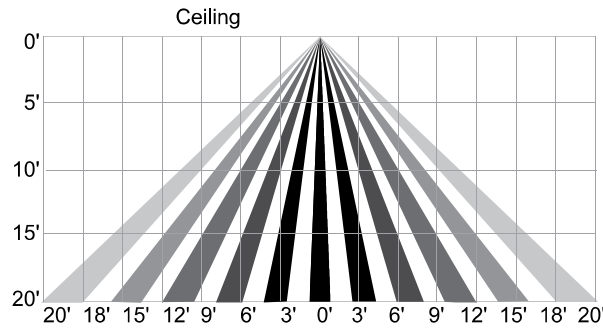
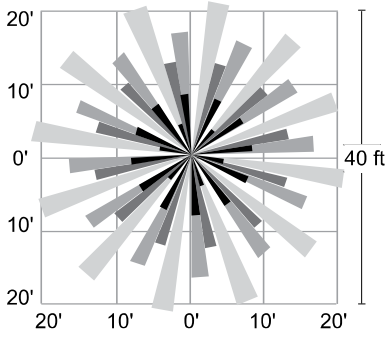


COVERAGE PATTERNS

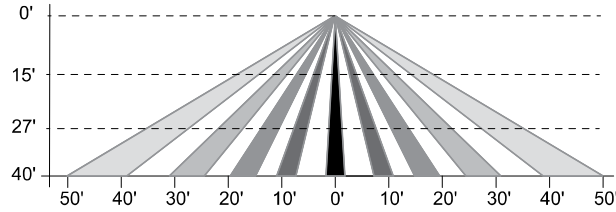
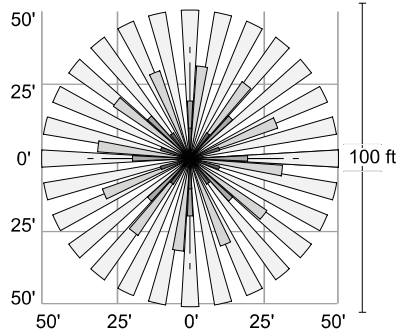
FSP-L2 Top and Side Coverage Patterns



FSP-L3 Top and Side Coverage Patterns



FSP-L7 Top and Side Coverage Patterns



BACK LIGHT CONTROL OPTIONS



HSS

Integral House Side Shield

Delivers backlight control that significantly reduces light spill behind the pole for applications with pole locations close to adjacent properties. Shown with Medium housing . HSS rotates with optic distribution.



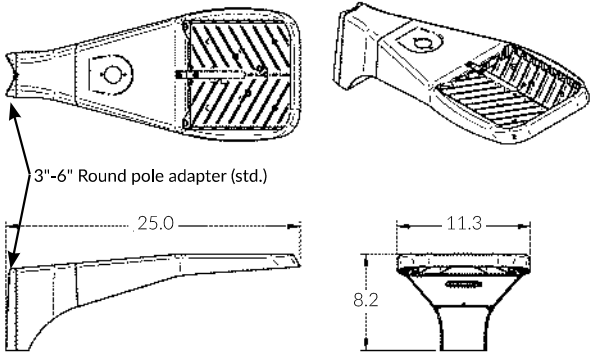
GS

External Glare Shield

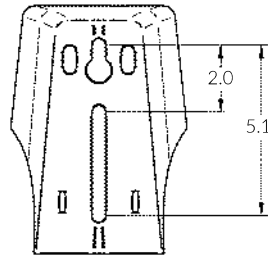
Rotatable 3-sided field installable external glare shield. Shown with Medium housing

LINE DRAWINGS

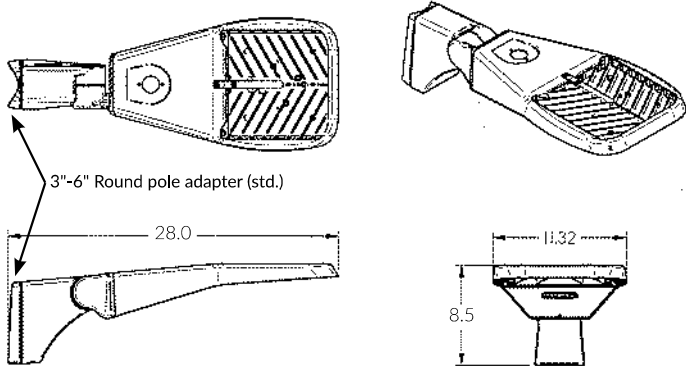
SAS Universal Mounting Bracket (UMB/R)



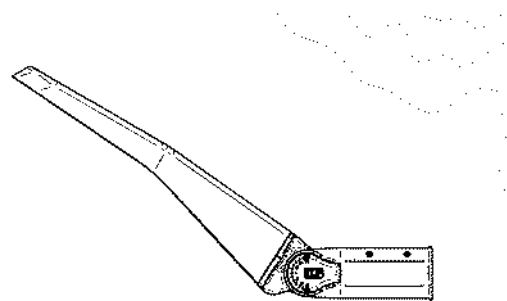
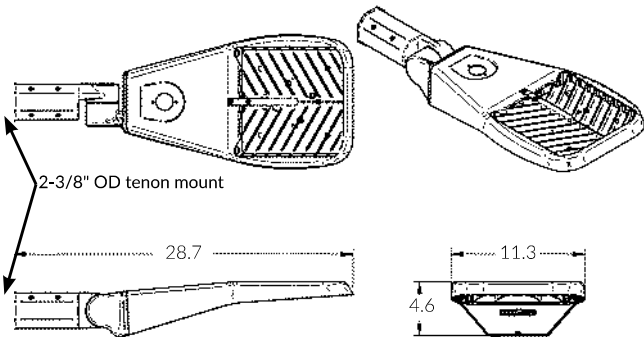
UMB/R, UAB/R Mounting Detail



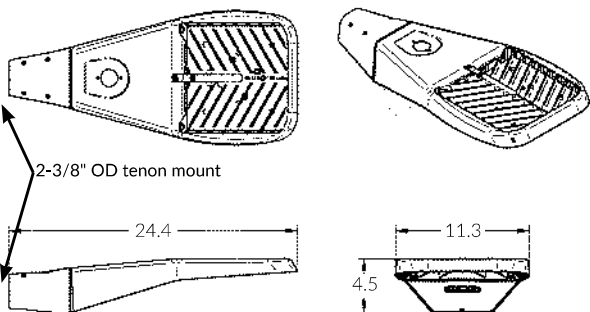
SAS Universal Adjustable Mount Bracket (UAB/R)



SAS Adjustable Slip Fitter (SLPF)



SAS Horizontal Tenon Mount (HTM)



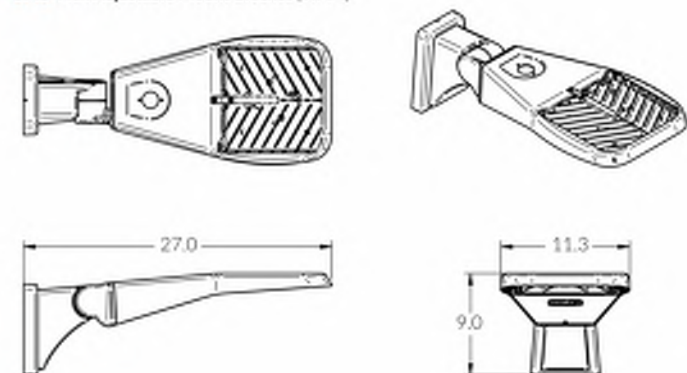


LINE DRAWINGS (Continued)

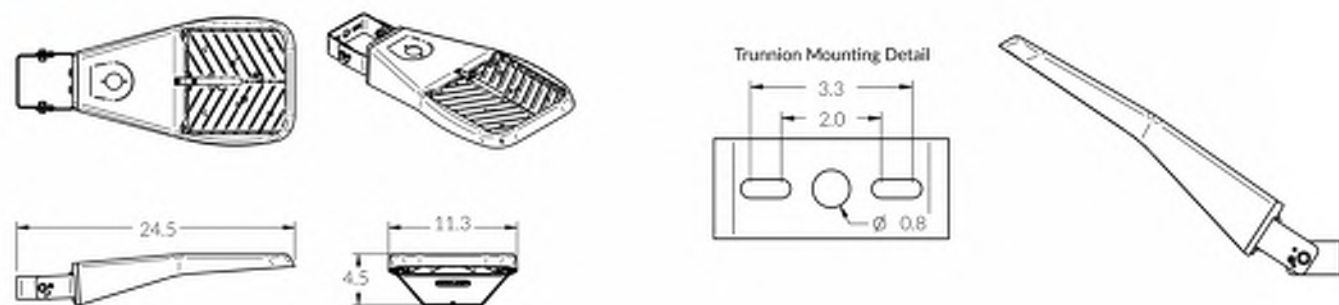
SAS Wall Fixed Mount (WFM)



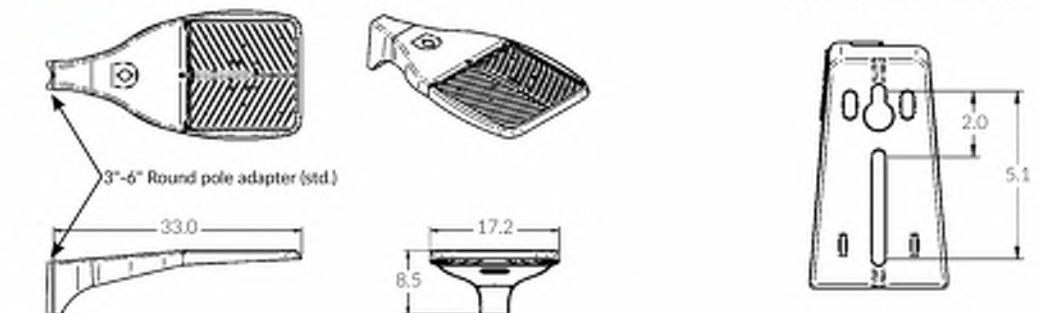
SAS Wall Adjustable Mount Bracket (WAM)



SAS Trunnion Mount (TRN)



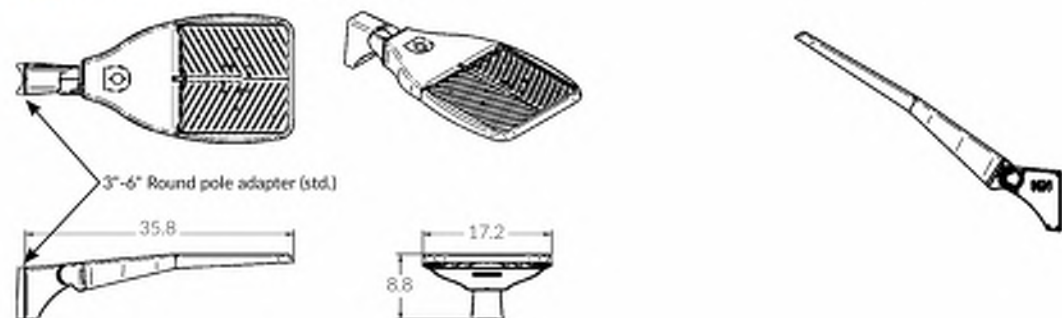
SAM Universal Mounting Bracket (UMB/R)





LINE DRAWINGS (Continued)

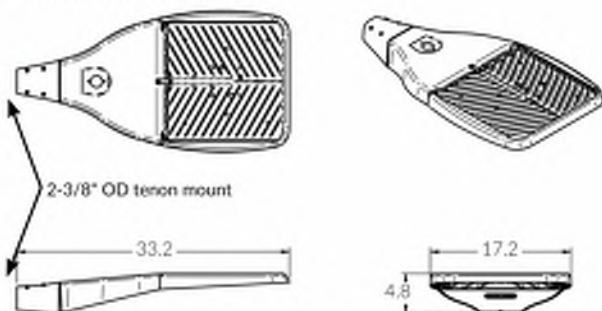
SAM Universal Adjustable Mount Bracket (UAB/R)



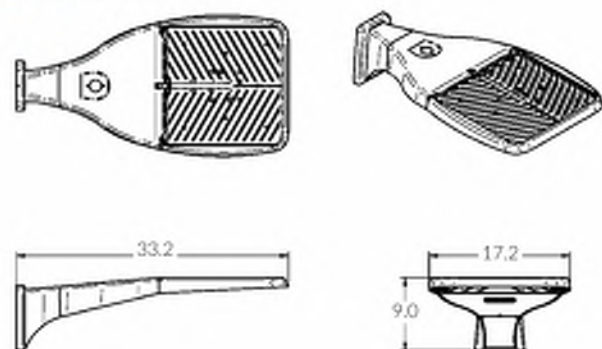
SAM Adjustable Slip Fitter (SLPF)



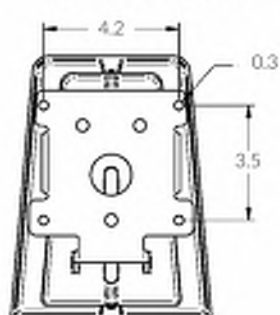
SAM Horizontal Tenon Mount (HTM)



SAM Wall Fixed Mount (WFM)



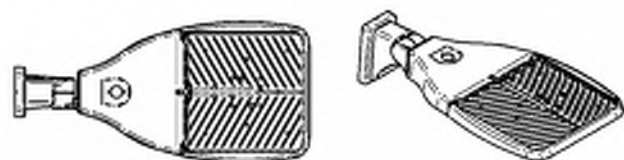
WFM/WAM Mounting Detail





LINE DRAWINGS (Continued)

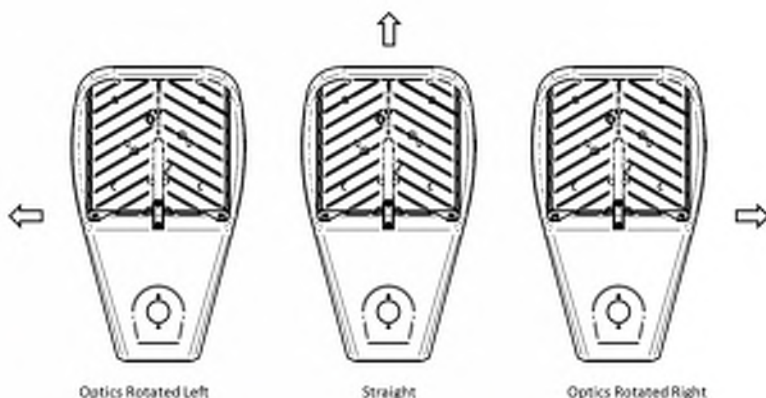
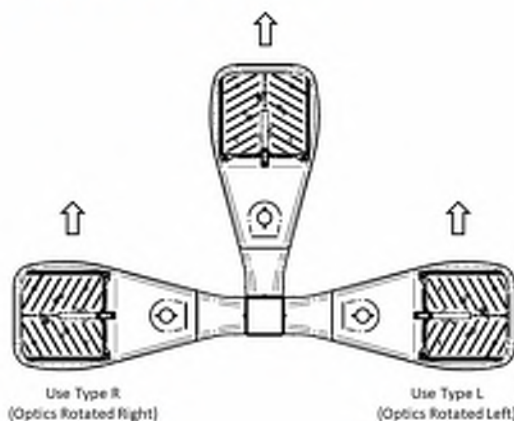
SAM Wall Adjustable Mount Bracket WAM



SAM Trunnion Mount (TRN)



OPTICS ORIENTATION



FACTORY SELECT FINISH GUIDE



COLOR NAME AND DESCRIPTION	PRICING
WHT - ILP White	Standard
SLV - ILP Silver	Standard
NAT - ILP Natural Aluminum	Standard
BRZ - ILP Bronze	Standard
BLK - ILP Black	Standard

COLORS SHOWN ABOVE ARE TO BE USED AS REFERENCE, NOT EXACT MATCH.
PLEASE REQUEST PAINT CHIPS FOR EXACT MATCH.



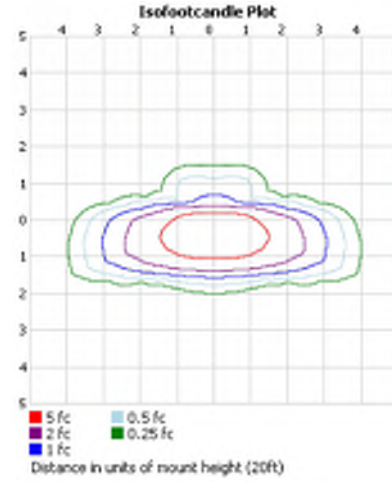
PHOTOMETRICS

Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

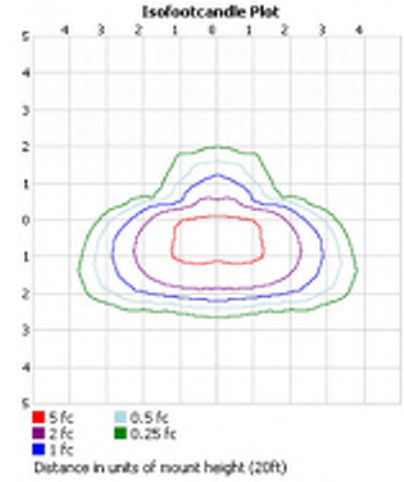
FTA



T2



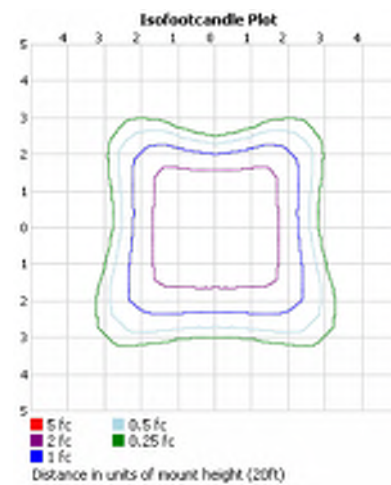
T3



T4



T5S




**PRODUCT
OVERVIEW**

**SCAN OR
CLICK HERE**

FEATURES

- Delivers uniform and precise lighting with five optical distributions for maximum coverage with optional diffuse lens for maximum visual comfort
- Available in three sizes, delivering 1,000 to 24,000 lumens at up to 160 LPW for a scalable lighting solution that fits any application.
- Pairs with the matching Skyline Area Light for a cohesive site lighting solution, ensuring a uniform look across any project.
- Patent-pending quick-mount bracket enables hands-free wiring and simplifies installation on standard junction boxes or vertical surfaces.
- Ensures long-lasting performance with an IP66-rated die-cast aluminum housing and UV-stabilized optics.
- Offers advanced control options with wireless integration, PIR occupancy sensors, and bi-level dimming capabilities.
- Integrated EM in all fixture sizes for emergency Egress.

DIGITAL NAVIGATION

 Explore the spec sheet through the links below

[ORDERING GUIDE](#)
[LED SYSTEMS TABLE](#)
[CONTROLS](#)
[LINE DRAWINGS](#)


SUITABLE APPLICATIONS

- Exterior Wall Lighting
- Industrial Facilities
- Multi-Family
- Building Entrances
- Parking Lots
- Retail
- Pedestrian Walkways
- Storage Facilities
- Office
- Multi-use Facilities
- Education

CERTIFICATIONS


*3000K Only


SPECIFICATIONS

CONSTRUCTION

The Skyline Wall Pack series features an architectural rectilinear wedge shape with die-cast aluminum construction. Available in 3 different sizes for a fully scalable solution, the fully gasketed housings are IP66 rated for whole luminaire ingress protection against moisture and environmental contaminants. The Skyline is protected with a durable Bronze polyester powder coat finish to withstand extreme weather changes without cracking or peeling with optional wet paint Black, White, Natural Aluminum and Silver finishes (Consult factory for availability of alternate finishes). Finish is Salt Spray tested for 500 hrs.

OPTICS

The IP66 silicone gasket sealed optical chamber utilizes proprietary polycarbonate refractive optics to provide exceptional coverage and uniformity in IES Types 2, 3, 4, or 4FT. Polycarbonate optics are impact resistant and UV stabilized for maximum longevity. Available in 5000K, 4000K, and 3000K, color temperatures per ANSI C78.377. Minimum CRI of 80. The Skyline series produces Zero uplight and is DarkSky approved in 3000K color temperature. The optional Visual Comfort Acrylic (AD) lens enhances the building's entryways by creating a welcoming and visually comfortable environment. Its recessed optics, paired with a surface-mounted diffusing lens, minimize surface brightness while maintaining effective optical control.

ELECTRICAL

High-performance driver features over-voltage, under-voltage, short circuit and over temperature protection. 0-10V dimming (10% - 100%) standard. Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac). L85 >100,000 hrs. in accordance of IESNA TM-21-19 Projected values at 25°C Ambient temperature. Total harmonic distortion: <20%. Power factor: >0.90. Surge Protection 10kA: 1L; 6kV: 2L-24L. Additional protection is available in 10kV and 20kV options. Optional 120-277V battery backup & cold weather battery options provide 90 minutes of constant power to the LED system, ensuring code compliance. Select models CEC title 20 Compliant, see ordering guide.

THERMAL

The Skyline Wall Pack Series features an array of High-efficacy LED's mounted on a metal core circuit board. The LED boards are mounted directly to the cast aluminum housing with internal heat dissipating fins to provide excellent thermal performance extending the life of electronic components. Base Operating Ambient Temperature: -40°C to +50°C (-40°F to +122°F). SWM, SWL: -40°C to +40°C (-40°F to +104°F). Reduced fixture maximum ambient on emergency battery backups and HV options, consult factory.

INSTALLATION

The Skyline Wall Pack is designed for effortless installation, featuring a patent-pending universal quick-mount bracket that enables hands-free wiring. This innovative bracket securely holds the fixture in place while wiring connections are made, streamlining the installation process. It is compatible with standard 3-1/2" to 4" round/octagonal, 4" square, and single-gang masonry junction boxes, as well as vertical surface mounting using lag bolts (supplied by others). The SBB option allows for 1/2" NPT conduit entry points for surface conduit or through-branch wiring. The back box is an authorized electrical wiring compartment. The Architectural Wall Spacer (AWS) enhances the fixture's aesthetic by creating a subtle floating effect while also helping to compensate for minor wall surface irregularities.

CONTROLS

Optional integrated passive infrared Bluetooth™ motion sensors are available on SWM & SWL fixtures for standalone controls and can be configured using an intuitive iOS or Android app.

For advanced wireless control, the Skyline Wall Pack (SWM/SWL) offers Bluetooth & 2.4Ghz wireless mesh network options via NuroAir, Synapse, & Enlighted. See controls section for detailed information on standalone and wireless control options.

CERTIFICATIONS

ETL Listed for wet locations to UL 1598 and UL 8750 standards. IP66 Rated Optical Chamber per IEC 60598. Tested in accordance with IESNA LM-79 and LM-80 standards. BAA compliant. RoHS Compliant. Title 24 Compliant; see local ordinance for qualification information. Finish salt-spray tested to 500 hours per ASTM B117. DLC Premium Listed Product, Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY

5 Year Warranty Standard; 10 Year Warranty Optional ([Terms and Conditions apply](#)).

ORDERING GUIDE

PART #

Example: SWM-5L-U-50-T4-BRZ-EM16-NURO-SP1-10YR

SERIES		LUMENS		DRIVER		CCT		OPTIC		LENS		FINISH	
SWS ²	Skyline	1L ²	1,000 lm	U 120-277V HV 347-480V	30 3000K 40 4000K 50 5000K	T2 ⁸ T2 - Type 2 T3 ⁸ T3 - Type 3 T4 T4 - Type 4 T4FT ⁸ Forward Throw	BLANK None AD ⁷ Visual Comfort Diffuser	BRZ Bronze BLK Black NAT Natural Aluminum SLV Silver WHT White RALxxxx ¹ Custom (xxxx = Custom RAL#)	Wall Pack	2L ²	2,000 lm	3L ²	3,000 lm
	Small	3L ²	3,000 lm										
	SWM	Skyline	3L ²							3,000 lm	4L 4,000 lm 6L 6,000 lm 9L 9,000 lm 12L ^{2,5} 12,000 lm		
Wall Pack		4L	4,000 lm										
Medium		6L	6,000 lm										
		9L	9,000 lm										
		12L ^{2,5}	12,000 lm										
SWL	Skyline	12L	12,000 lm	15L 15,000 lm 18L ⁵ 18,000 lm 21L ^{2,5} 21,000 lm 24L ^{2,5} 24,000 lm									
	Wall Pack	15L	15,000 lm										
	Large	18L ⁵	18,000 lm										
		21L ^{2,5}	21,000 lm										
		24L ^{2,5}	24,000 lm										

SML	EMERGENCY	CONTROLS OPTIONS	
		BASIC	ADVANCED
BLANK None SMLxxxx ¹ Specified Lumen Output (xxxx= Lumen Output, Nearest Hundred)	BLANK None EM5 ⁷ 10°C 5W Self Diagnostic CEC Title 20 Battery Backup EM16 ^{8,15} 16W Self Diagnostic CEC Title 20 Battery Backup EMCT6 ^{7,8} 6W Self Diagnostic Cold Temp Battery Backup -40°F (-40°C) - CEC Title 20 Compliant EMCT8 ^{7,8} 8W Self Diagnostic Cold Temp Battery Backup -22°F (-30°C) - CEC Title 20 Compliant EMCT14 ^{7,8} -20°C CEC Title 20 14W Self Diagnostic Cold Temp Battery Backup	BLANK None FSP311/LX ^{2,3,8,11} Legrand FSP-311 120/277V Sensor (X = Mounting Height 2=<10', 3=10-20', 7=20-40') FSP321/LX ^{3,8,12} Legrand FSP-321 120-480V Sensor (X = Mounting Height 2=<10', 3=10-20', 7=20-40') PCU ² Electronic UNIV Photocell (120-277V)	BLANK None NURO ^{2,3,8} NUROAir Plug n Play Bluetooth Groupable Sensor SYN ^{2,5,8,14} Synapse Control System SYNS/LX ^{2,5,8,11,14} Synapse Control System w/ Sensor (X = Mounting Height 3=10-20', 7=20-40')

PROTECTION	WARRANTY	SHIP WITH ACCESSORIES
BLANK None SP1 ² 10kA Surge Protection Device SP2 ² 20kA Surge Protection Device SP1HV 10kA Max 480V Surge Protector SP2HV 20kA Max 480V Surge Protector FUZE/SXXX FUZE 120V, 277V, 347V (x= voltage) FUZE/DXXX FUZE 208V, 240V, 480V (x= voltage)	BLANK 5 Year 10YR ⁹ 10 Year	BLANK None +SWx-SBB-yyy-KIT Surface Back Box (x=fixture size; yyy = Finish; BRZ, BLK, SLV, WHT, NAT) +SWx-AWS-yyy-KIT ⁶ Architectural Wall Spacer (x=fixture size; yyy = Finish; BRZ, BLK, SLV, WHT, NAT)

FOOTNOTES

¹ Contact Factory for pricing and availability

² Not available with HV option

³ Requires Bluetooth Enabled device for programming (provided by others)

⁴ Only available with SWL-12L

⁵ Not available with EM

⁶ Not compatible with SBB

⁷ Not available with SWL

⁸ Not available with SWS

⁹ Requires additional Surge Protection; For additional details see General Terms and Conditions, consult factory for pricing

¹⁰ Not compatible with any control options

¹¹ L7 only available with SWL

¹² Only available with SWL

¹³ Not available with SWM

¹⁴ Requires additional system components; Contact Factory for Site Layout

¹⁵ When used with SWM: 10°C; SWL: 0°C

CONTINUE TO NEXT PAGE

DARKSKY APPROVED ORDERING GUIDE

PART #

Example: SWM-5L-U-50-T4-BRZ-EM16-NURO-SP1-10YR

SERIES		LUMENS		DRIVER	CCT	OPTIC	LENS	FINISH
SWS ²	Skyline	1L ²	1,000 lm	U 120-277V HV 347-480V	30 3000K	T2 ⁸ T2 - Type 2 T3 ⁸ T3 - Type 3 T4 T4 - Type 4 T4FT ⁸ Forward Throw	BLANK None AD ⁷ Visual Comfort Diffuser	BRZ Bronze BLK Black NAT Natural Aluminum SLV Silver WHT White RALxxxx ¹ Custom (xxxx = Custom RAL#)
	Wall Pack	2L ²	2,000 lm					
	Small	3L ²	3,000 lm					
SWM	Skyline	3L ²	3,000 lm					
	Wall Pack	4L	4,000 lm					
	Medium	6L	6,000 lm					
		9L	9,000 lm					
		12L ^{2,5,15}	12,000 lm					
SWL	Skyline	12L ¹⁵	12,000 lm					
	Wall Pack	15L ¹⁵	15,000 lm					
	Large	18L ^{5,15}	18,000 lm					
		21L ^{2,5,15}	21,000 lm					
24L ^{2,5,15}	24,000 lm							

SML	EMERGENCY	CONTROLS OPTIONS	
		BASIC	ADVANCED
BLANK None	BLANK None	BLANK None	BLANK None
SMLxxxx Specified Lumen Output (xxxx=Lumen Output, Nearest Hundred)	EM5 ^{7,13} 5°C 5W CEC Title 20 Battery Backup	FSP311/LX ^{2,3,8,11} Legrand FSP-311 120/277V Sensor (X = Mounting Height 2=<10', 3=10-20', 7=20-40')	NURO ^{2,3,8} NUROAir Plug n Play
	EM16 ⁸ 5°C 16W CEC Title 20 Battery Backup		Bluetooth Groupable Sensor
	EMCT6 ^{7,8} 6W Cold Temp Battery Backup -40°F (-40°C) - CEC Title 20 Compliant		SYN ^{2,5,8,14} Synapse Control System
	EMCT8 ^{7,8} 8W Cold Temp Battery Backup -22°F (-30°C) - CEC Title 20 Compliant	FSP321/LX ^{3,8,12} Legrand FSP-321 120-480V Sensor (X = Mounting Height 2=<10', 3=10-20', 7=20-40')	SYNS/LX ^{2,5,8,14} Synapse Control System w/ Sensor (X = Mounting Height 3=10-20', 7=20-40')
	EMCT14 ^{7,8} -20°C CEC Title 20 14W Cold Temp Battery Backup	PCU ² Electronic UNIV Photocell (120-277V)	

PROTECTION	WARRANTY	SHIP WITH ACCESSORIES
BLANK None	BLANK 5 Year	BLANK None
SP1 ² 10kA Surge Protection Device	10YR ⁹ 10 Year	+SWx-SBB-yyy-KIT Surface Back Box (x=fixture size; yyy = Finish; BRZ, BLK, SLV, WHT, NAT)
SP2 ² 20kA Surge Protection Device		+SWx-AWS-yyy-KIT ⁶ Architectural Wall Spacer (x=fixture size; yyy = Finish; BRZ, BLK, SLV, WHT, NAT)
SP1HV 10kA Max 480V Surge Protector		
SP2HV 20kA Max 480V Surge Protector		
FUSE/SXXX FUSE 120V, 277V, 347V (x= voltage)		
FUSE/DXXX FUSE 208V, 240V, 480V (x= voltage)		

FOOTNOTES

¹ Contact Factory for pricing and availability

² Not available with HV option

³ Requires Bluetooth Enabled device for programming (provided by others)

⁴ Only available with SWL-12L

⁵ Not available with EM

⁶ Not compatible with SBB

⁷ Not available with SWL

⁸ Not available with SWS

⁹ Requires additional Surge Protection; For additional details see General Terms and Conditions, consult factory for pricing

¹⁰ Not compatible with any control options

¹¹ L7 only available with SWL

¹² Only available with SWL

¹³ Not available with SWM

¹⁴ Requires additional system components; Contact Factory for Site Layout

¹⁵ Not available with pedestrian comfort luminaire

LED SYSTEMS INFO

LED SYSTEMS INFO ¹		3000K		4000K		5000K		Watts ²	BUG Rating	DLC
Part Numbers	Lens	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy			
SWS-1L	T4	932	136.5	993	145.4	1007	148.5	7	B0-U0-G0	Premium
SWS-2L	T4	2092	136.5	2180	140.3	2254	144.4	16	B1-U0-G1	Premium
SWS-3L	T4	2757	129.6	2873	133.2	2934	139.2	21	B1-U0-G1	Premium
SWM-3L	T2	3051	148.5	3110	150.0	3270	156.9	21	B1-U0-G1	Premium
	T3	3108	151.2	3168	152.8	3331	159.8			Premium
	T4	3071	149.5	3131	151.0	3292	158.0			Premium
	T4FT	3037	147.8	3096	149.4	3256	156.2			Premium
SWM-4L	T2	3981	145.6	4059	147.1	4268	153.9	28	B2-U0-G2	Premium
	T3	4056	148.3	4134	149.9	4348	156.7			Premium
	T4	4008	146.6	4086	148.1	4297	154.9			Premium
	T4FT	3964	145.0	4041	146.5	4249	153.2			Premium
SWM-6L	T2	5940	140.7	6055	142.2	6367	148.7	43	B2-U0-G2	Premium
	T3	6051	143.3	6168	144.8	6486	151.5			Premium
	T4	5980	141.7	6096	143.1	6410	149.7			Premium
	T4FT	5914	140.1	6029	141.6	6339	148.1			Premium
SWM-9L	T2	8386	133.7	8549	135.1	8989	141.3	63	B2-U0-G2	Premium
	T3	8542	136.2	8708	137.6	9157	143.9			Premium
	T4	8443	134.6	8607	136.0	9050	142.2			Premium
	T4FT	8349	133.1	8512	134.5	8950	140.7			Premium
SWM-12L	T2	10759	125.9	10967	127.2	11533	133.1	86	B2-U0-G2	Premium
	T3	10960	128.2	11168	129.6	11749	135.5			Premium
	T4	10832	126.8	11043	128.1	11612	134.0			Premium
	T4FT	10700	125.4	10908	126.7	11470	132.5			Premium
SWL-12L	T2	12294	148.5	12533	150.1	13178	157.0	83	B2-U0-G2	Premium
	T3	12523	151.3	12767	152.9	13425	159.9			Premium
	T4	12377	149.6	12618	151.1	13268	158.1			Premium
	T4FT	12240	147.9	12478	149.4	13121	156.3			Premium
SWL-15L	T2	15165	141.9	15460	143.4	16256	150.0	108	B3-U0-G4	Premium
	T3	15448	144.6	15749	146.1	16560	152.8			Premium
	T4	15268	142.9	15565	144.4	16367	151.0			Premium
	T4FT	15099	141.3	15393	142.8	16186	149.4			Premium
SWL-18L	T2	17838	135.3	18185	136.8	19121	143.0	133	B3-U0-G4	Premium
	T3	18171	137.9	18524	139.3	19479	145.7			Premium
	T4	17959	136.3	18308	137.7	19252	144.0			Premium
	T4FT	17760	134.8	18106	136.2	19038	142.4			Premium
SWL-21L	T2	20259	128.7	20653	130.1	21717	136.1	159	B3-U0-G4	Premium
	T3	20638	131.2	21039	132.5	22123	138.6			Premium
	T4	20397	129.6	20794	131.0	21865	137.0			Premium
	T4FT	20171	128.2	20563	129.5	21623	135.5			Premium
SWL-24L	T2	23037	122.1	23485	123.4	24695	129.1	190	B3-U0-G4	Premium
	T3	23467	124.4	23924	125.7	25156	131.5			Premium
	T4	23194	123.0	23436	124.3	24863	130.0			Premium
	T4FT	22937	121.6	23383	122.9	24588	128.5			Premium

¹Values are nominal, see IES file for more detail ²Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

CONTROLS OPTIONS

BASIC

FSP311/Lx - FSP321/Lx

Optional Bluetooth Programmable PIR sensor allows for Continuous Dimming, Motion and/ or daylight harvesting, Fully adjustable high/low dimmed light levels, and Adjustable time delay/ cutoff delay. The sensor is programmed via a free iOS® or Android® Sensor Configuration App (compatible device provided by others). Available in up to 40' mounting lenses. See coverage patterns below, L7=20'-40', L3=10'-20', L2=<10'.

Default Settings:

- High Mode: 100% Output
- Low Mode: 10% Output
- Time Delay: 5 mins
- Cutoff: 1 hr
- Sensitivity: High
- Photocell: Disabled
- Continuous Dimming: Disabled

ADVANCED

NUROAir by ILLUMUS

NURO

NUROAir Plug n Play Bluetooth Sensor is the optimal groupable controls lighting solution. With main features such as Plug and Play, PIR Motion Sensing, Occupancy/Vacancy and Photocell (BLK) - this flexibility makes the NUROAir Plug n Play Sensor ideal for tailoring lighting to specific space needs, optimizing both ambiance and efficiency. The NUROAir App, available for download on iOS and Google Play Store, offers a user-friendly interface for automatic or manual customization of your space. Through the app, users can configure sensor settings such as the Hold Time, Standby Time/ Level, High/Low End Trim, Background Light Level, Set Schedules, and Control Lighting Groups or Zones, all from a mobile or tablet device. Manual control is also available with a range of compatible wireless & wired wall switch options.



Enlighted

Enlighted's over-the-air upgradeable wireless control platforms provide out-of-the-box compliance with energy use regulations. The comprehensive capabilities of the sensor include vacancy detection, daylight harvesting, demand response, and energy savings reporting. Enlighted's enterprise system allows for easy integration of indoor and outdoor lighting with building management systems for site-wide IOT management. Enlighted ruggedized sensor mounted on hinged driver cover.

• Enlighted Connected (SU/5S/LR/CL)

-Fixtures are controlled based on occupancy & ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by the Enlighted Smart Sensors for energy, occupancy & environment.

• Enlighted IOT (SU/5S/LR/IOT)

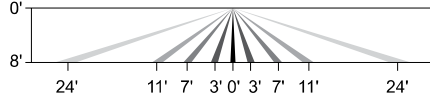
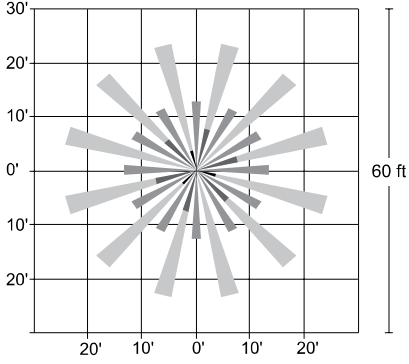
-Fixtures are controlled based on occupancy and ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by Enlighted Smart Sensors for energy, occupancy & environment. Additionally, the IOT functionality takes the data access and function beyond just lighting to a wide range of applications beyond the standard connected lighting controls.

Synapse (SYN)

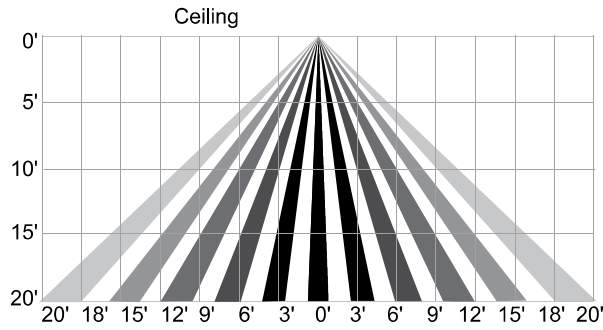
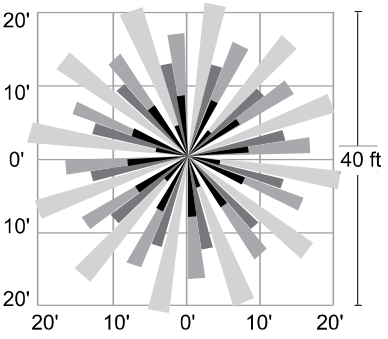
Utilizing a robust 2.4 GHz Self-Healing Mesh Network, Synapse provides flexibility and scalability making it a perfect outdoor solution for both new construction and retrofit projects. The easy-to-use web application is accessible on any device with an internet connection and allows for complete customization of the system and its features. Integral radio (SYN) includes (2) 24V inputs for a Wattstopper sensor. Sensors available in 10' or 40' mounting lenses. See coverage patterns below. Sensor mounted on hinged driver cover. Antenna exits side of luminaire for maximum connectivity.

COVERAGE PATTERNS

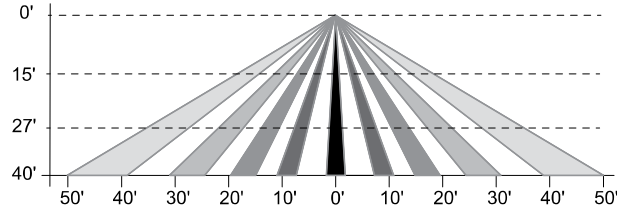
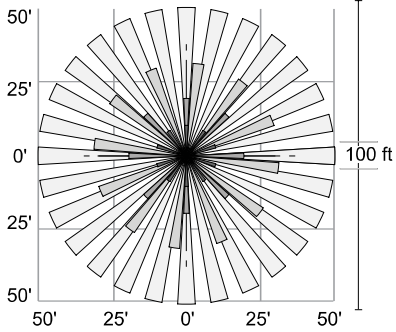
SYNS/L2, FSP311/L2, or FSP321/L2



SYNS/L3, FSP311/L3, or FSP321/L3



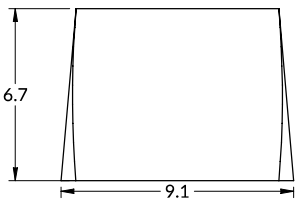
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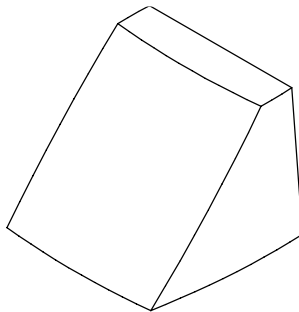
LINE DRAWINGS (All dimensions shown in inches)

SWS

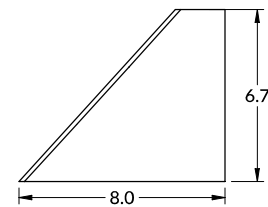
Front



Isometric



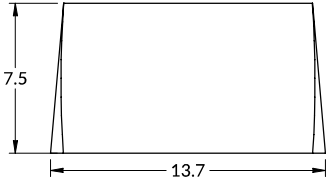
Side



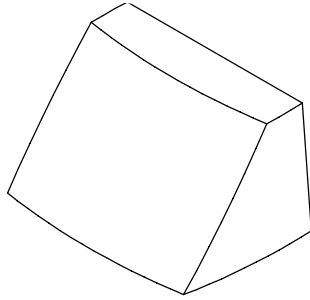
LINE DRAWINGS (Continued)

SWM

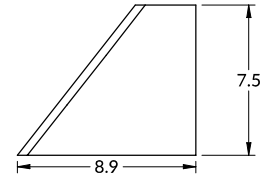
Front



Isometric

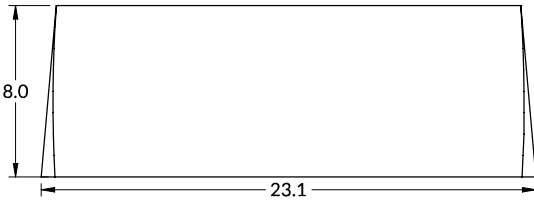


Side

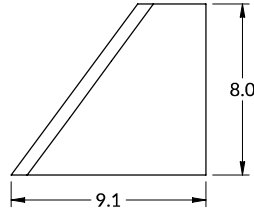


SWL

Front

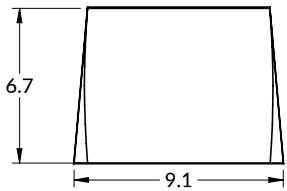


Side

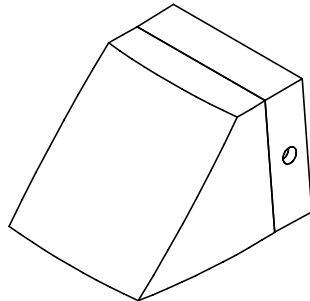


SWS SBB

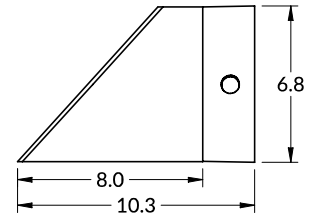
Front



Isometric



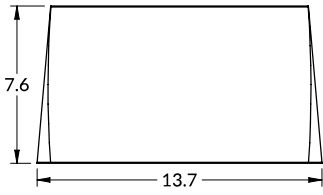
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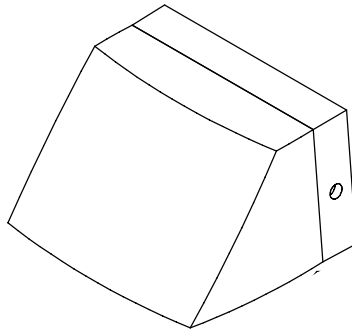
LINE DRAWINGS (Continued)

SWM SBB

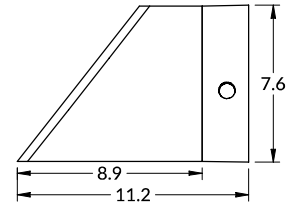
Front



Isometric

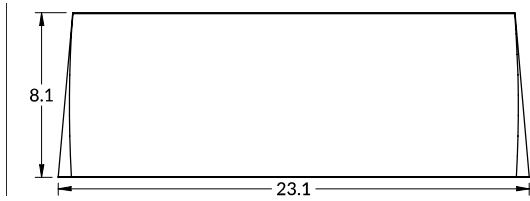


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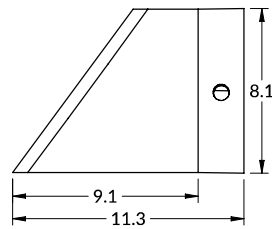


SWL SBB

Front

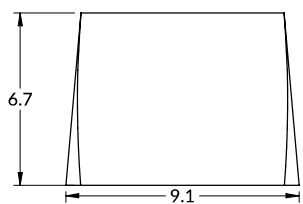


Side

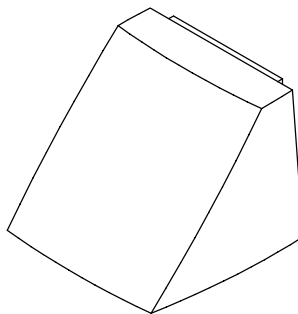


SWS AWS

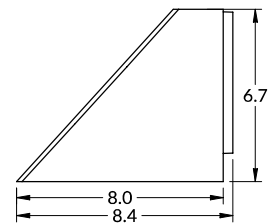
Front



Isometric



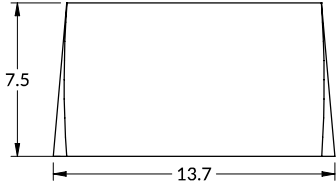
Side



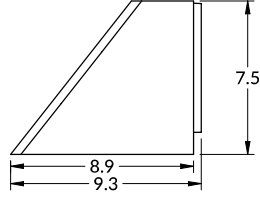
LINE DRAWINGS (Continued)

SWM AWS

Front

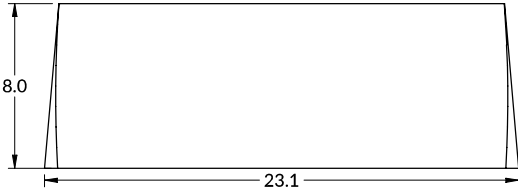


Side

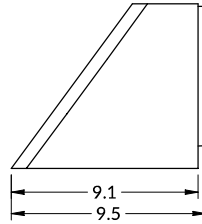


SWLAWS

Front

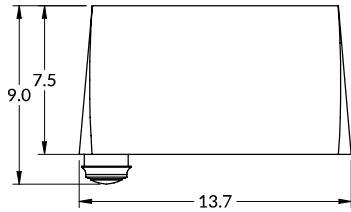


Side



SWM NURO

Front



Side

