

Planning Commission Staff Report

Project type:	Site Development Plan
Meeting Date:	August 12, 2024
From:	Shilpi Bharti, Planner <i>SB</i>
Location:	North Outer 40 Road
Description:	17955 – 18055 N Outer 40 Road (Gumbo Flats): A Site Development Plan, Landscape Plan, Lighting Plan and Architectural Elevations for Contemporary Lodge & Wilderness Area located on four lots comprising total of 290.9-acre tract of land located north side of North Outer 40 Road, zoned “PC”-Planned Commercial, “PI” -Planned Industrial, “M3” -Planned Industrial, and “NU” -Non-Urban District.

PROPOSAL SUMMARY

Stock & Associates Consulting Engineers, Inc. on behalf of Gumbo Flats Properties, LLC has submitted a Site Development Plan, Landscape Plan, Lighting Plan, and Architectural Elevations for Contemporary Lodge & Wilderness Area. The site consists of four lots, Lot A, Lot B, Lot C, and Lot D. A building is proposed on Lot A that faces North Outer 40 Road.

Proposed Development includes:

- 24,500 square feet of three-story building on Lot A
- 3 Gravel parking areas on Lot C
- Lake, trail, pavilion and community garden on Lot C
- Partial parking for Lot A on Lot B
- Landscape plan for Lot A and Lot C
- New Conveyor and new plant on Lot D
- Lighting Plan



Figure 1: Subject Location

HISTORY OF SUBJECT SITE

The subject site is located in Ward 4 of City of Chesterfield. Most recently in 2024, the Boundary Adjustment Plat was submitted by the applicant which re-platted the existing ten lots located north of North Outer 40 Road into four lots, Lot A, Lot B, Lot C, and Lot D. The Boundary Adjustment Plat got approved by the City Council on April 16, 2024. Lot A, Lot B, and the middle portion of Lot C were zoned “PC” – Planned Commercial in 2023. The ordinance governing the PC site is Ordinance 3229. As per the approved ordinance and preliminary development plan, the PC site is allowed to have gravel parking on the north side of the levee trail. Lot D has an existing Batching plant governed by “PI”-Planned Industrial Ordinance 2944. Most recently Ordinance 2944 was amended to include the western portion of Lot C to the existing “PI” Planned Industrial District and allow stand-alone parking as a permitted use. The ordinance amendment was approved by City Council on June 17, 2024. The Preliminary Development Plan approved with the ordinance amendment matches with the proposed Site Development Plan.



Figure 2: Updated Lot Configuration as approved in the Boundary Adjustment Plat

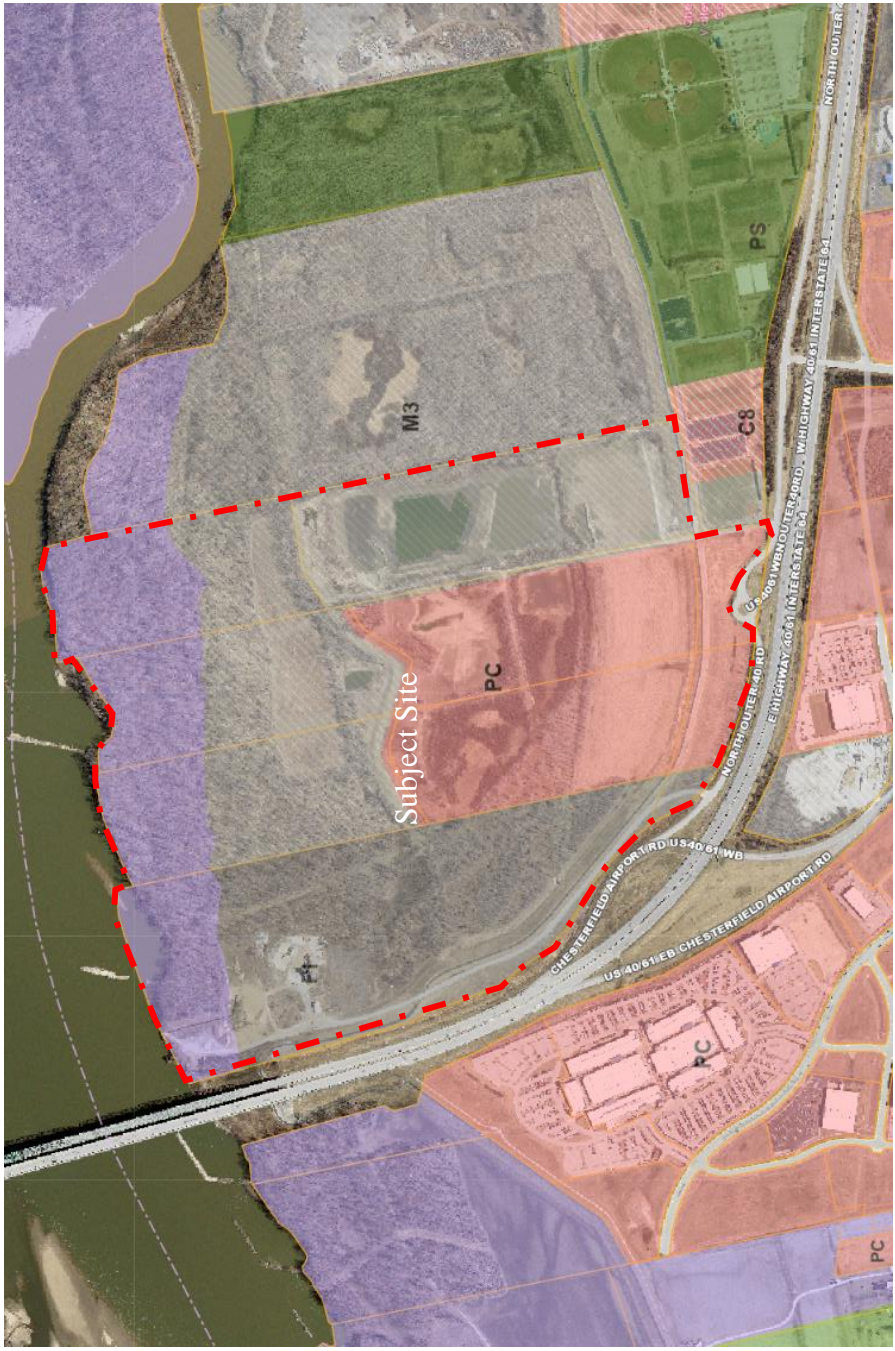


Figure 3: Zoning map

STAFF ANALYSIS

The Site Development Plan includes four lots; Lot A, Lot B, Lot C, and Lot D totaling 290.6 acres. The site is accessed from North Outer 40 Road. There are three total access points to this development from North Outer 40 Road. Also, the lots are internally connected via gravel drive.



Figure 3: Colored Site Plan

Site Relationships, Circulation, Access and Parking

The Site Development Plan outlines four lots as follows: 3.2 acres for Lot A, 6.2 acres for Lot B, 271.12 acres for Lot C, and 10 acres for Lot D. The plan includes a building on Lot A, a future building on Lot B, a passive recreational facility on Lot C, and an existing batching plant on Lot D.



Figure 4: Colored Site Plan of Lot A and partial Lot B

A three-story, mixed-use building is proposed for Lot A, covering 24,500 square feet. This building will feature retail on the ground floor, a restaurant on the second floor, and office/conference spaces on the third floor. The minimum parking requirement for Lot A is 183 parking spaces, 76 of these spaces is allocated on Lot B. To utilize these 76 spaces on Lot B, there will be a shared parking agreement between Lots A and B. Access to Lots A and B will be from North Outer 40 Road roundabout and private roads on the east and west sides of the lots. Additionally, a future Art and Studio building is proposed for Lot B.

Lot C will be dedicated to passive recreation, serving visitors to the Gateway Studios facility, which is located at the intersection of Chesterfield Airport Road and Spirit of St. Louis Blvd. The site will feature three gravel parking areas, a lake, a pavilion, and a garden. The parking area will be gated and not open to the public. The northern portion of Lot C will remain as preserved wilderness. Lot C currently has one access point from North Outer 40 Road and a private road. The existing gravel drive on the west side of Lot C, connecting to North Outer 40 Road, will be expanded to link the two proposed parking areas. A service gravel drive will connect the west and middle parking areas, while the eastern parking area will connect to the existing private road.

Lot D has an existing batching plant, accessible via a gravel drive from North Outer 40 Road. Access to Lot D will be facilitated by a cross-access easement between Lot C and Lot D. The batching plant's Amended Site Development Plan for 2.7 acres was approved in 2018 but was never constructed. Lot D will be developed according to the improvements specified in the 2018 Site Development Plan.

Scale, Topography, Retaining Wall and Screening

The entire site is relatively flat, and no retaining walls are planned. The eastern and central sections of Lot C are flat and situated about 20 feet below the existing Levee Trail. The proposed gravel parking area in these sections will maintain a flat surface without any elevation changes. In contrast, the parking area on the western side of Lot C, facing I-64, will be elevated to meet the requirement of being 1 foot above the Base Flood Elevation. The height of this parking area will range from 6 to 20 feet, depending on the base contour level, and will be approximately 7 feet lower than the existing Levee Trail. To screen the parking area from I-64, a 10-foot-high landscape berm will be placed on the northern edge. Additionally, the berm and the western part of the parking area will feature 12-foot-high Thuja Green Giant trees for further visual screening.

The building on Lot A will include rooftop mechanical equipment, which will be concealed by 8-foot-tall large-format tiles that also contribute to the building's exterior design.

Elevations

No buildings are proposed for Lots B, D, and C, except for a 1,500-square-foot pavilion on Lot C, which will be constructed with wood posts and asphalt shingles.

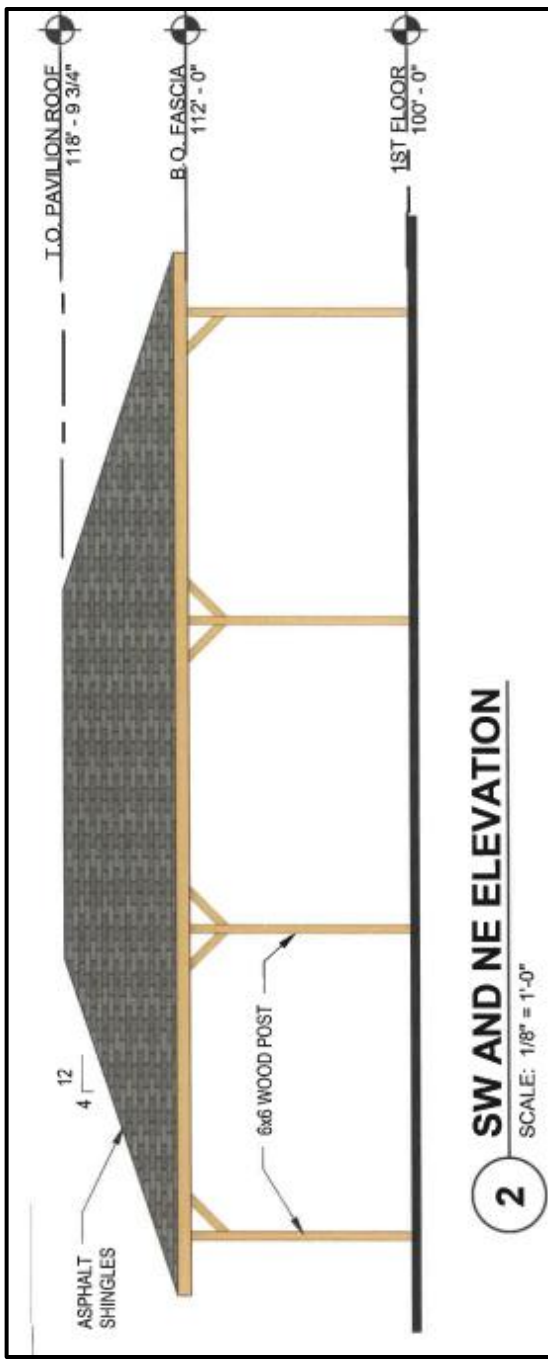


Figure 5: Proposed pavilion on Lot C

The proposed building on Lot A will be a three-story, 60-foot-tall mixed-use structure. The building's elevations will feature three primary materials: composite metal panels, large-format tiles, and a storefront system. The front elevation, facing North Outer 40 Road, will incorporate these materials prominently. On the second floor, an outdoor dining patio is planned for the proposed sit-down restaurant, while the third floor will include an open terrace connected to the office space.

The north elevation, which faces the existing Levee Trail, and a portion of the west elevation will feature a porch designed for restaurant dining. A pergola is also proposed for the third floor, with both the porch

and pergola supported by concrete columns. Additionally, the first floor will include bike racks and seating benches on the north side, which will connect to the existing Levee Trail. A trash enclosure, constructed with ground-face CMU, is planned for the north side of the parking area.



Figure 6: Front (South) Elevation facing N Outer 40 Road



Figure 7: North side Elevation



Figure 8: East side elevation facing private road

Lighting

The Lighting Plan is submitted for Lot A and portion of Lot B. There are four different types of parking light fixtures proposed for this development. There is no wall pack lighting proposed. All of the proposed light fixtures comply with City code.

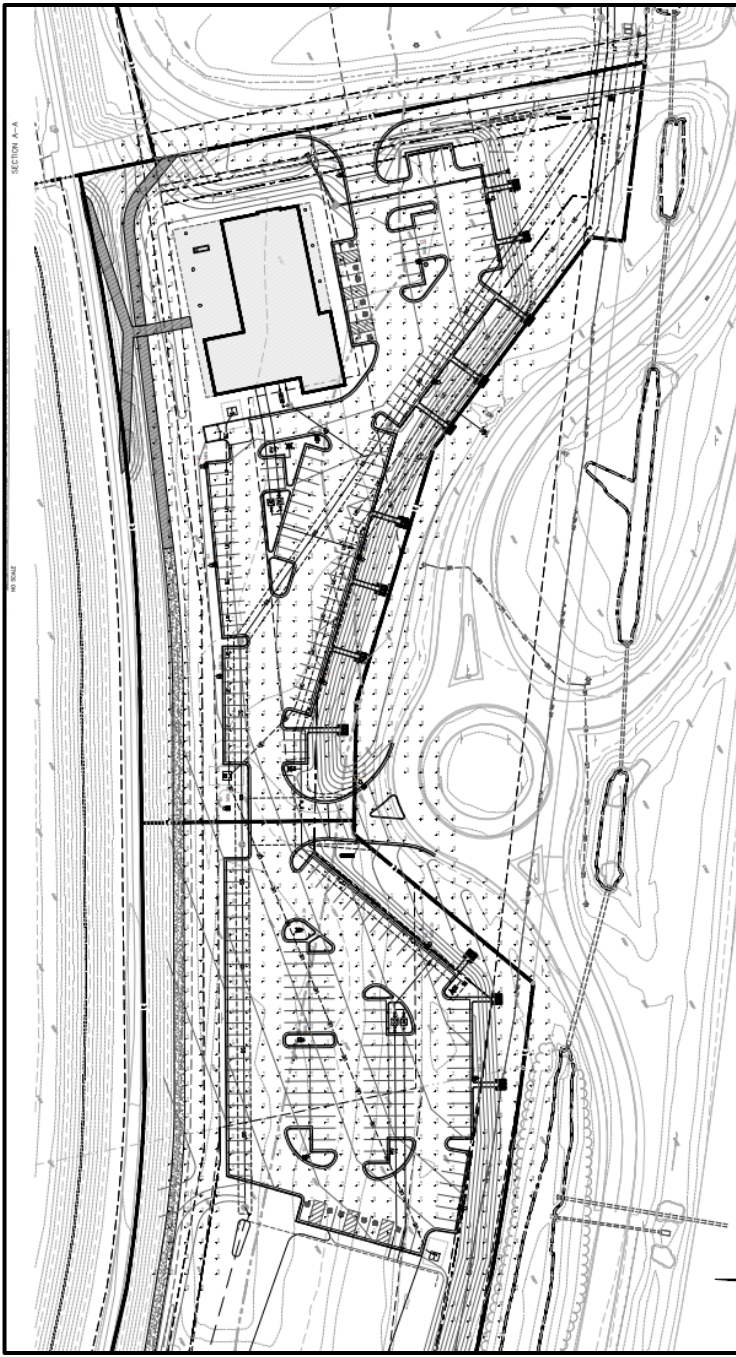


Figure 9: Lighting Plan

Landscaping

Landscape Plan is submitted for Lot A, Lot B, and Lot C. The proposed landscape plan of Lot C includes 90 Thuja Green Giant trees on the west parking area. Lot A and B falls in the seepage berm easement. The Levee District reviewed the landscape plan and requested the removal of all landscaping from the

seepage berm easement. Consequently, the applicant revised the landscape plans for Lots A and B to comply with the Levee District's requirements. The revised plan has since been approved by the Levee District. 118.37 acres of the site is covered with trees. Applicant will be preserving 88.4% of the existing tree canopy.

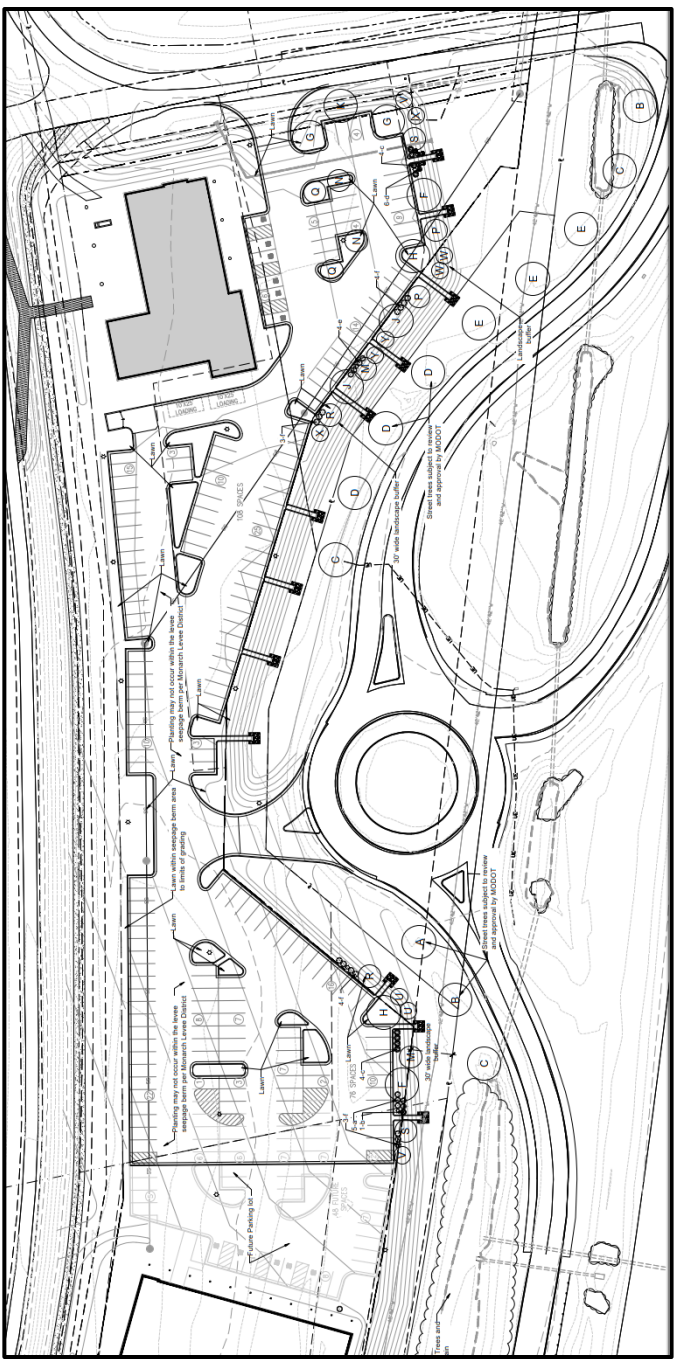


Figure 10: Proposed Landscape Plan for Lot A and B



Figure 11: Proposed Landscape Plan for Lot C

Rendering:



Figure 12: Aerial view looking West



Figure 13: Isometric View from south east corner



Figure 14: View from North Outer 40 Road (Front View)

ARB Meeting Report

The project was reviewed by Architectural Review Board on June 20, 2024. At that time the Board made a motion to forward the project to Planning Commission with a recommendation for approval with one condition:

1. Consider additional landscaping along the south, east, and western portions of the site to soften the view facing the levee trail.

Since the site falls under the seepage berm easement, the Levee District asked to remove the landscaping from the easement. The applicant has revised the landscaping as per Levee District Comments.

DEPARTMENTAL INPUT

Staff has reviewed this proposed development and found it to be in compliance with the City's Unified Development Code and site-specific ordinances. All outstanding comments have been addressed at this time. Applicant has also submitted Flood Study for the proposed development which was reviewed by the City Staff. Staff recommends approval of the Site Development Plan, Landscape Plan, Lighting Plan, and Architectural Elevations for 17955-18055 N Outer 40 Road.

MOTION

The following options are provided to the Planning Commission for consideration relative to this application:

- 1) “I move to approve (or deny) the Site Development Plan, Landscape Plan, Lighting Plan, and Architectural Elevations for 17955-18055 N Outer 40 Road, as presented.”
- 2) “I move to approve the Site Development Plan, Landscape Plan, Lighting Plan, and Architectural Elevations for 17955-18055 N Outer 40 Road, with the following conditions...”

Attachments

1. Site Development Plan Packet

SITE DEVELOPMENT PLAN

A TRACT OF LAND BEING PART OF US SURVEY 388 AND 371, TOWNSHIP 45 NORTH, RANGE 9 EAST OF THE 5TH MERIDIAN, CITY OF CHESTERFIELD, ST. LOUIS COUNTY, MISSOURI

STOCK & ASSOCIATES
 2170 N. MISSOURI AVENUE, SUITE 100
 ST. LOUIS, MISSOURI 63103
 TEL: 314.433.8888
 WWW.STOCKANDASSOCIATES.COM

PREPARED BY
 STOCK & ASSOCIATES
 2170 N. MISSOURI AVENUE, SUITE 100
 ST. LOUIS, MISSOURI 63103
 TEL: 314.433.8888
 WWW.STOCKANDASSOCIATES.COM

DATE: 04/15/2024
 SHEET NO. 1 OF 1

PROJECT NO. 24-0001

CLIENT: GUY F. ATKINS & ASSOCIATES

DATE: 04/15/2024

SCALE: 1" = 200'

GRAPHIC SCALE
 0 50 100 150 200 FEET

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

1" = 200'

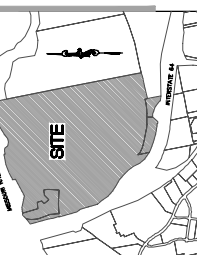
1" = 200'

1" = 200'

1" = 200'

1" = 200'

STREET NAMES
 SP 1.0
 SP 3.0
 SP 4.0
 SP 5.0
 SP 6.0
 SP 7.0
 SP 8.0
 SP 9.0
 SP 10.0
 SP 11.0
 SP 12.0
 SP 13.0
 SP 14.0
 SP 15.0
 SP 16.0
 SP 17.0
 SP 18.0
 SP 19.0
 SP 20.0
 SP 21.0
 SP 22.0
 SP 23.0
 SP 24.0
 SP 25.0
 SP 26.0
 SP 27.0
 SP 28.0
 SP 29.0
 SP 30.0
 SP 31.0
 SP 32.0
 SP 33.0
 SP 34.0
 SP 35.0
 SP 36.0
 SP 37.0
 SP 38.0
 SP 39.0
 SP 40.0
 SP 41.0
 SP 42.0
 SP 43.0
 SP 44.0
 SP 45.0
 SP 46.0
 SP 47.0
 SP 48.0
 SP 49.0
 SP 50.0
 SP 51.0
 SP 52.0
 SP 53.0
 SP 54.0
 SP 55.0
 SP 56.0
 SP 57.0
 SP 58.0
 SP 59.0
 SP 60.0
 SP 61.0
 SP 62.0
 SP 63.0
 SP 64.0
 SP 65.0
 SP 66.0
 SP 67.0
 SP 68.0
 SP 69.0
 SP 70.0
 SP 71.0
 SP 72.0
 SP 73.0
 SP 74.0
 SP 75.0
 SP 76.0
 SP 77.0
 SP 78.0
 SP 79.0
 SP 80.0
 SP 81.0
 SP 82.0
 SP 83.0
 SP 84.0
 SP 85.0
 SP 86.0
 SP 87.0
 SP 88.0
 SP 89.0
 SP 90.0
 SP 91.0
 SP 92.0
 SP 93.0
 SP 94.0
 SP 95.0
 SP 96.0
 SP 97.0
 SP 98.0
 SP 99.0
 SP 100.0



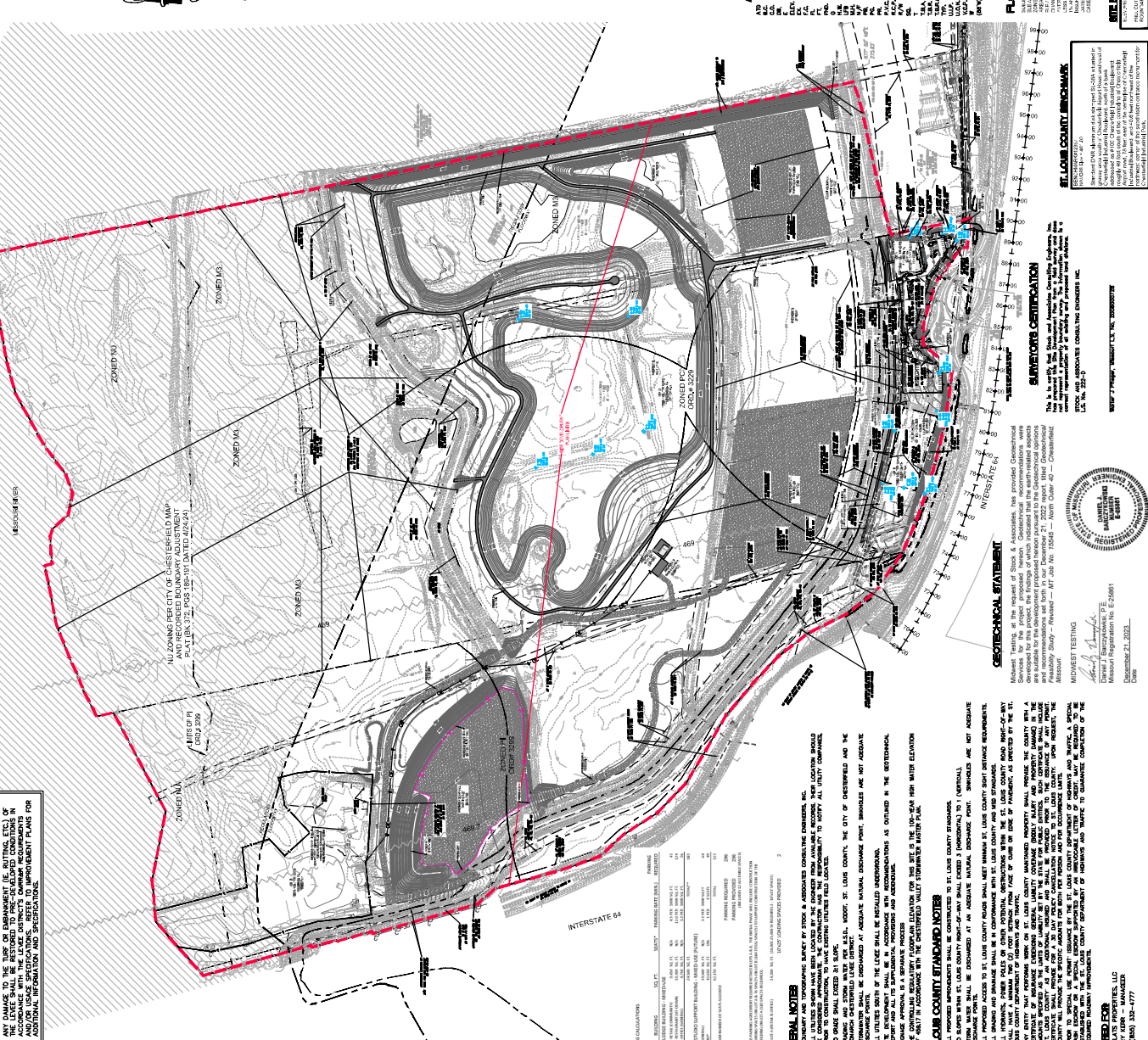
GENERAL NOTES
 1. CONCRETE FOUNDATIONS FOR GATE AND SIGN POSTS SHALL BE CAST IN EXCAVATED HOLES.
 2. ANY DAMAGE TO THE TOP OF CURB OR SURFACE (E.G. RUTTING, ETC.) OF EXCAVATED HOLES SHALL BE REPAIRED TO ORIGINAL FINISH GRADE.
 3. ANY DAMAGE TO THE TOP OF CURB OR SURFACE (E.G. RUTTING, ETC.) OF EXCAVATED HOLES SHALL BE REPAIRED TO ORIGINAL FINISH GRADE.
 4. ANY DAMAGE TO THE TOP OF CURB OR SURFACE (E.G. RUTTING, ETC.) OF EXCAVATED HOLES SHALL BE REPAIRED TO ORIGINAL FINISH GRADE.
 5. ANY DAMAGE TO THE TOP OF CURB OR SURFACE (E.G. RUTTING, ETC.) OF EXCAVATED HOLES SHALL BE REPAIRED TO ORIGINAL FINISH GRADE.
 6. ANY DAMAGE TO THE TOP OF CURB OR SURFACE (E.G. RUTTING, ETC.) OF EXCAVATED HOLES SHALL BE REPAIRED TO ORIGINAL FINISH GRADE.
 7. ANY DAMAGE TO THE TOP OF CURB OR SURFACE (E.G. RUTTING, ETC.) OF EXCAVATED HOLES SHALL BE REPAIRED TO ORIGINAL FINISH GRADE.
 8. ANY DAMAGE TO THE TOP OF CURB OR SURFACE (E.G. RUTTING, ETC.) OF EXCAVATED HOLES SHALL BE REPAIRED TO ORIGINAL FINISH GRADE.
 9. ANY DAMAGE TO THE TOP OF CURB OR SURFACE (E.G. RUTTING, ETC.) OF EXCAVATED HOLES SHALL BE REPAIRED TO ORIGINAL FINISH GRADE.
 10. ANY DAMAGE TO THE TOP OF CURB OR SURFACE (E.G. RUTTING, ETC.) OF EXCAVATED HOLES SHALL BE REPAIRED TO ORIGINAL FINISH GRADE.

LEGEND
 EXISTING STORM SEWER
 EXISTING WATER MAIN
 EXISTING GAS MAIN
 EXISTING CABLE
 EXISTING UTILITY
 EXISTING CURB
 EXISTING SIDEWALK
 EXISTING DRIVEWAY
 EXISTING DRIVE
 EXISTING PAVEMENT
 EXISTING ASPHALT
 EXISTING CONCRETE
 EXISTING GRAVEL
 EXISTING SAND
 EXISTING SOIL
 EXISTING VEGETATION
 EXISTING TREES
 EXISTING FENCES
 EXISTING SIGNAGE
 EXISTING LIGHT FIXTURES
 EXISTING UTILITIES
 EXISTING STRUCTURES
 EXISTING ROADS
 EXISTING RAILROADS
 EXISTING AIRPORTS
 EXISTING PORTS
 EXISTING AIRWAYS
 EXISTING CANALS
 EXISTING DRAINAGE
 EXISTING IRRIGATION
 EXISTING FLOOD CONTROL
 EXISTING DEFENSE
 EXISTING SECURITY
 EXISTING INFRASTRUCTURE
 EXISTING SERVICES
 EXISTING UTILITIES
 EXISTING STRUCTURES
 EXISTING ROADS
 EXISTING RAILROADS
 EXISTING AIRPORTS
 EXISTING PORTS
 EXISTING AIRWAYS
 EXISTING CANALS
 EXISTING DRAINAGE
 EXISTING IRRIGATION
 EXISTING FLOOD CONTROL
 EXISTING DEFENSE
 EXISTING SECURITY
 EXISTING INFRASTRUCTURE
 EXISTING SERVICES

ABBREVIATIONS
 A.C. = Asphalt Concrete
 C.C. = Concrete
 G.C. = Gravel Concrete
 G.P. = Gravel Pavement
 H.P. = Hot Patch
 I.P. = Interlocking Pavement
 J.P. = Joint Pavement
 L.P. = Loose Pavement
 M.P. = Macadam Pavement
 N.P. = Non-Pavement
 O.P. = Open Pavement
 P.C. = Portland Cement
 S.P. = Sand Pavement
 T.P. = Treated Pavement
 U.P. = Unpaved
 V.P. = Vegetated Pavement
 W.P. = Water Pavement
 X.P. = X-Base Pavement
 Y.P. = Y-Base Pavement
 Z.P. = Z-Base Pavement

GENERAL NOTES
 1. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 2. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 3. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 4. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 5. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 6. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 7. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 8. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 9. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 10. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.

ST. LOUIS COUNTY STANDARDS
 1. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 2. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 3. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 4. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 5. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 6. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 7. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 8. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 9. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 10. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.



GENERAL NOTES
 1. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 2. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 3. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 4. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 5. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 6. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 7. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 8. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 9. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 10. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.

ST. LOUIS COUNTY STANDARDS
 1. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 2. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 3. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 4. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 5. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 6. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 7. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 8. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 9. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
 10. ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.

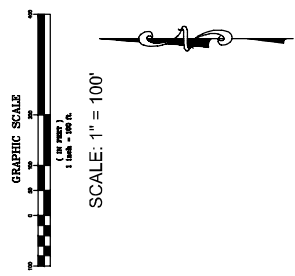
PREPARED FOR
 GUY F. ATKINS & ASSOCIATES
 2170 N. MISSOURI AVENUE, SUITE 100
 ST. LOUIS, MISSOURI 63103
 TEL: 314.433.8888
 WWW.GUYATKINS.COM



NO.	REVISION	DATE	BY	CHKD.
1	ISSUED FOR PERMIT	08/20/2024	DLS	DLS
2	REVISED TO REFLECT PERMIT COMMENTS	09/10/2024	DLS	DLS
3	REVISED TO REFLECT PERMIT COMMENTS	09/20/2024	DLS	DLS
4	REVISED TO REFLECT PERMIT COMMENTS	10/10/2024	DLS	DLS
5	REVISED TO REFLECT PERMIT COMMENTS	10/20/2024	DLS	DLS
6	REVISED TO REFLECT PERMIT COMMENTS	11/05/2024	DLS	DLS
7	REVISED TO REFLECT PERMIT COMMENTS	11/15/2024	DLS	DLS
8	REVISED TO REFLECT PERMIT COMMENTS	11/25/2024	DLS	DLS
9	REVISED TO REFLECT PERMIT COMMENTS	12/05/2024	DLS	DLS
10	REVISED TO REFLECT PERMIT COMMENTS	12/15/2024	DLS	DLS
11	REVISED TO REFLECT PERMIT COMMENTS	12/25/2024	DLS	DLS
12	REVISED TO REFLECT PERMIT COMMENTS	01/05/2025	DLS	DLS
13	REVISED TO REFLECT PERMIT COMMENTS	01/15/2025	DLS	DLS
14	REVISED TO REFLECT PERMIT COMMENTS	01/25/2025	DLS	DLS
15	REVISED TO REFLECT PERMIT COMMENTS	02/05/2025	DLS	DLS
16	REVISED TO REFLECT PERMIT COMMENTS	02/15/2025	DLS	DLS
17	REVISED TO REFLECT PERMIT COMMENTS	02/25/2025	DLS	DLS
18	REVISED TO REFLECT PERMIT COMMENTS	03/05/2025	DLS	DLS
19	REVISED TO REFLECT PERMIT COMMENTS	03/15/2025	DLS	DLS
20	REVISED TO REFLECT PERMIT COMMENTS	03/25/2025	DLS	DLS

CONTEMPORARY LODGE & WILDERNESS AREA
 SITE DEVELOPMENT PLAN FOR
 17935-18055 NORTH OUTER 40 ROAD
 CHESTERFIELD, MO 63005

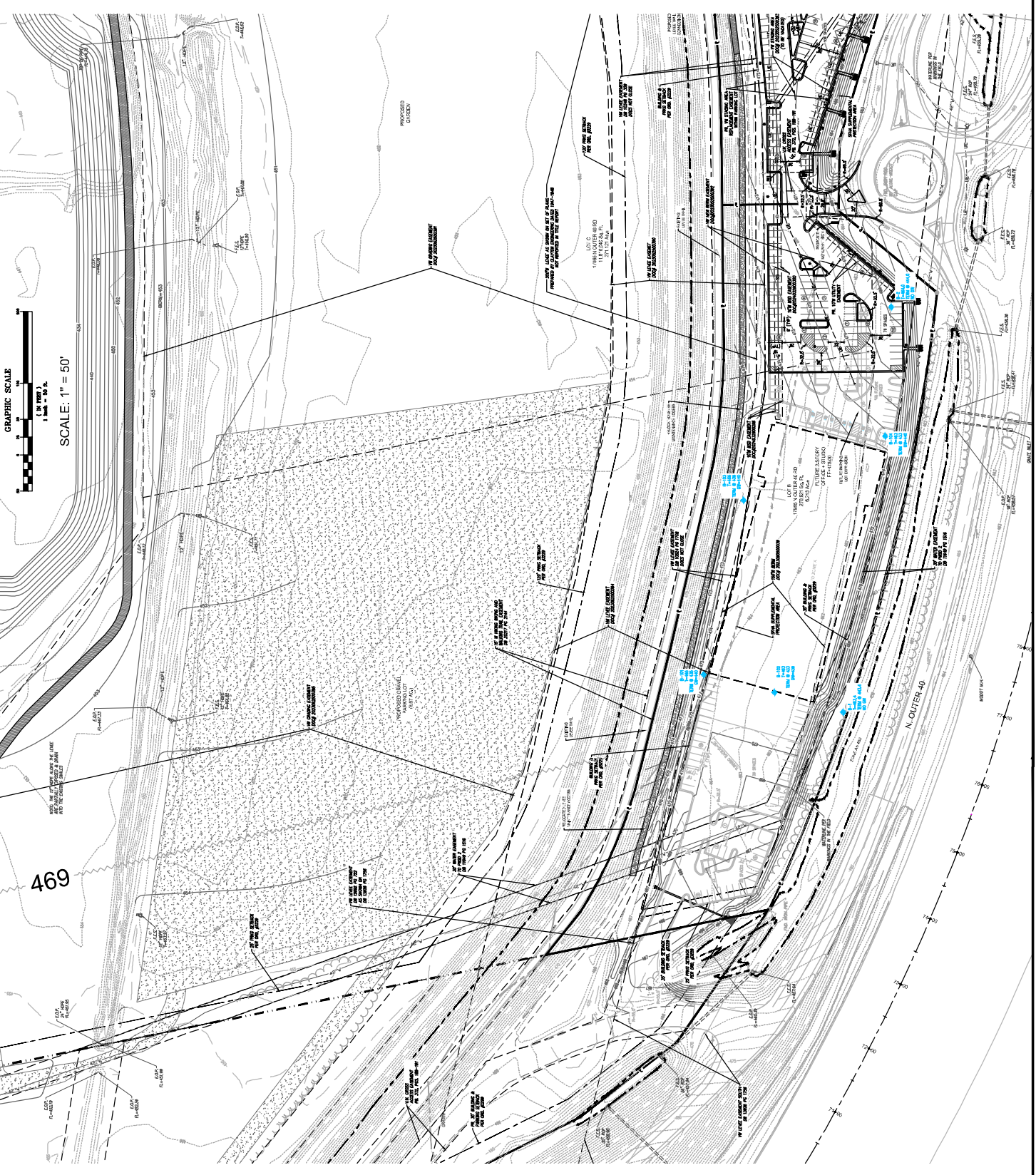
PREPARED BY
Stork & Associates
 Consulting Engineers, Inc.
 5717 Chesterfield Business Parkway
 Chesterfield, MO 63005
 (636) 437-1111
 www.storkeng.com



CONTEMPORARY LODGE & WILDERNESS AREA

SITE DEVELOPMENT PLAN FOR

PREPARED BY: STEUER & ASSOCIATES
 CONSULTING ENGINEERS, INC.
 2710 CHESTERFIELD BUSINESS PARKWAY
 CHESTERFIELD, MO 63005
 DATE: 10/20/11
 DRAWN BY: J. W. STEUER
 CHECKED BY: J. W. STEUER
 PROJECT NO. 17935-18055 NORTH OUTER 40 ROAD
 SHEET TITLE: CONTEMPORARY LODGE & WILDERNESS AREA
 SHEET NO. 10 OF 10



GRAPHIC SCALE
 1" = 50'
 1" = 50'
 1" = 50'
 1" = 50'

469

Tree ID	Common Name	DBH	Condition
4001	Cornus	3.0	2
4002	Cornus	3.0	2
4003	Cornus	3.0	2
4004	Cornus	3.0	2
4005	Cornus	3.0	2
4006	Cornus	3.0	2
4007	Cornus	3.0	2
4008	Cornus	3.0	2
4009	Cornus	3.0	2
4010	Cornus	3.0	2
4011	Cornus	3.0	2
4012	Cornus	3.0	2
4013	Cornus	3.0	2
4014	Cornus	3.0	2
4015	Cornus	3.0	2
4016	Cornus	3.0	2
4017	Cornus	3.0	2
4018	Cornus	3.0	2
4019	Cornus	3.0	2
4020	Cornus	3.0	2
4021	Cornus	3.0	2
4022	Cornus	3.0	2
4023	Cornus	3.0	2
4024	Cornus	3.0	2
4025	Cornus	3.0	2
4026	Cornus	3.0	2
4027	Cornus	3.0	2
4028	Cornus	3.0	2
4029	Cornus	3.0	2
4030	Cornus	3.0	2
4031	Cornus	3.0	2
4032	Cornus	3.0	2
4033	Cornus	3.0	2
4034	Cornus	3.0	2
4035	Cornus	3.0	2
4036	Cornus	3.0	2
4037	Cornus	3.0	2
4038	Cornus	3.0	2
4039	Cornus	3.0	2
4040	Cornus	3.0	2
4041	Cornus	3.0	2
4042	Cornus	3.0	2
4043	Cornus	3.0	2
4044	Cornus	3.0	2
4045	Cornus	3.0	2
4046	Cornus	3.0	2
4047	Cornus	3.0	2
4048	Cornus	3.0	2
4049	Cornus	3.0	2
4050	Cornus	3.0	2
4051	Cornus	3.0	2
4052	Cornus	3.0	2
4053	Cornus	3.0	2
4054	Cornus	3.0	2
4055	Cornus	3.0	2
4056	Cornus	3.0	2
4057	Cornus	3.0	2
4058	Cornus	3.0	2
4059	Cornus	3.0	2
4060	Cornus	3.0	2
4061	Cornus	3.0	2
4062	Cornus	3.0	2
4063	Cornus	3.0	2
4064	Cornus	3.0	2
4065	Cornus	3.0	2
4066	Cornus	3.0	2
4067	Cornus	3.0	2
4068	Cornus	3.0	2
4069	Cornus	3.0	2
4070	Cornus	3.0	2
4071	Cornus	3.0	2
4072	Cornus	3.0	2
4073	Cornus	3.0	2
4074	Cornus	3.0	2
4075	Cornus	3.0	2
4076	Cornus	3.0	2
4077	Cornus	3.0	2
4078	Cornus	3.0	2
4079	Cornus	3.0	2
4080	Cornus	3.0	2
4081	Cornus	3.0	2
4082	Cornus	3.0	2
4083	Cornus	3.0	2
4084	Cornus	3.0	2
4085	Cornus	3.0	2
4086	Cornus	3.0	2
4087	Cornus	3.0	2
4088	Cornus	3.0	2
4089	Cornus	3.0	2
4090	Cornus	3.0	2
4091	Cornus	3.0	2
4092	Cornus	3.0	2
4093	Cornus	3.0	2
4094	Cornus	3.0	2
4095	Cornus	3.0	2
4096	Cornus	3.0	2
4097	Cornus	3.0	2
4098	Cornus	3.0	2
4099	Cornus	3.0	2
4100	Cornus	3.0	2

Existing woodland tree canopy consisting of primarily Cottonwood, Sycamore and Silver Maple (4"-30")
Very sparse understorey.

Existing woodland tree canopy consisting of primarily Cottonwood, Sycamore and Silver Maple (4"-30")
Very sparse understorey.

Existing woodland tree canopy consisting of primarily Cottonwood, some Sycamore and Silver Maple. Considerable small Box Elder and invasive honeysuckle.

Tree Stand Delineation Prepared by
Brian Blythe
Certified Arborist MW-5033A

Tree Condition Rating
Excellent 4
Good 3
Fair 2
Poor 1
Dead 0

Tree ID Number
MWD License # LA0007

Consultants

Contemporary Lodge & Wilderness Area Gumbo Flats

17935-18055 North Outer 40 Road
Cheslerfield, MO 63005

Revisions:	Date	Description	No.
	11/20/24	City Comments	2
	11/20/24	Field Revision	3

Drawn: KPF
Checked: FSS

Sheet: Tree Stands
Title: Delineation North
Scale: 1" = 40'

TSD-1
Date: 11/20/24
Job #: 1815306

Total Site Area = 12,657,447 sq. ft. (290.88 acres)
Woodland Tree Canopy Area = 5,156,054 sq. ft. (118.37 acres)



Match Line
Match Line

Tree Stand Delineation
SCALE 1" = 40'



Andrew Starnes
 License # 14207
 State of Maryland
 Civil Engineer

Contemporary Lodge & Wilderness Area Gumbo Flats

17935 - 18055 North Outer Ferry Drive
 Chestersfield, MO 63005

Revisions:

Date	Description	No.
11/20/24	Final Construction	1
11/20/24	Final Construction	2
11/20/24	Final Construction	3

Drawn: KCP
 Checked: PS

LOOMIS ASSOCIATES
 Landscape Architects + Planners
 899-611-8100
 www.loomis-associates.com

Sheet Title: Delineation South
 Sheet No.: TSD-2

Date: 1/23/24
 Job #: 1813.006



Existing woodland tree canopy consisting of primarily Cottonwood, some Sycamore and Silver Maple. Considerable small Box Elder and invasive honeysuckle.

INTERSTATE 40

N. OUTER 40

Existing levee and trail

ZONED PC ORD # 3229

Match Line
 Match Line



Tree Stand Delineation
 SCALE 1"=120'



Tree Preservation Plan Prepared for the use of
 Brian Bagg
 Certified Arborist MW 6033A

Contemporary Lodge & Wilderness Area Gumbo Flats

17936-18055 North Outer 40 Road
 Chestersfield, MO 63005

Revisions:

Date	Description	No.
8/7/24	City Comments	2
10/2/24	Per. Revision	3
10/2/24	Per. Revision	4

Drawn: KJP
 Checked: FCS

LOOMIS ASSOCIATES
 landscape architects + planners
 8140 Brentwood Blvd., Suite 100
 Brentwood, MO 63025
 Phone: 636-938-8888
 www.loomis-associates.com

Sheet: Tree Preservation
 Title: Plan No. 1
 Sheet No. 1
TPP-1
 Date: 1/26/24
 Job #: 1813/206

Tree Condition Rating:
 Excellent 4
 Good 3
 Fair 2
 Poor 1
 Dead 0



Existing woodland tree canopy consisting of primarily Cottonwood, Sycamore and Silver Maple (4'-30')
 Very sparse understorey.

Existing woodland tree canopy consisting of primarily Cottonwood, Sycamore and Silver Maple (4'-30')
 Very sparse understorey.

Existing woodland tree canopy consisting of primarily Cottonwood, some Sycamore and Silver Maple. Considerable small Box Elder and invasive honeysuckle.

Key:

- Existing Tree Canopy Area To Be Removed
- Existing Tree Canopy Area To Remain

Total Site Area	= 12,867,447 sq. ft. (293.28 acres)
Woodland Tree Canopy Area	= 5,166,654 sq. ft. (118.37 acres)
Existing Tree Canopy Area To Be Removed	= 595,644 sq. ft. (13.69 acres) (4.6%)
Existing Tree Canopy Area To Remain	= 4,569,210 sq. ft. (104.68 acres) (86.4%)



Match Line
 Match Line

Tree Preservation Plan
 SCALE: 1"=20'



17935-18055 North Outer 40 Drive
 Chesterfield, MO 63005

Contemporary Lodge & Wilderness Area Gumbo Flats

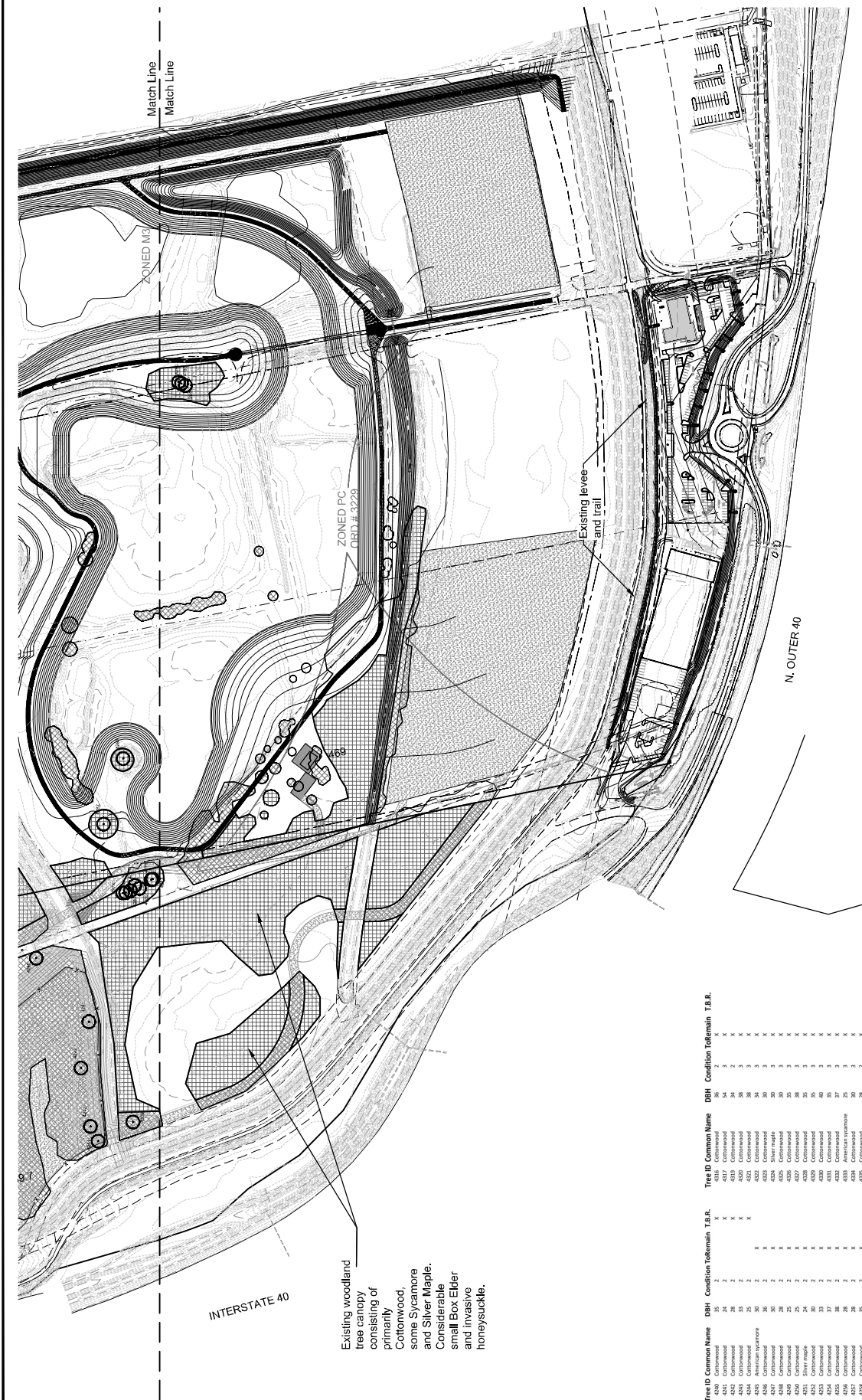
Revisions	Date	Description	No.
	1/14/24	Final Plan	1
	1/14/24	Final Plan	2
	1/14/24	Final Plan	3
	1/14/24	Final Plan	4

LOOMIS ASSOCIATES
 Landscape Architects + Planners
 1-636-939-9988
 www.loomis-associates.com

Project: Contemporary Lodge & Wilderness Area
 Title: Tree Preservation Plan
 Sheet No: TPP-2

Drawn: RSP
 Checked: RSP

Job #: 17935-18055



Tree Preservation Plan
 SCALE 1"=120'

Key:

- Existing Tree Canopy Area To Be Removed (diagonal hatching)
- Existing Tree Canopy Area To Remain (cross-hatching)

INTERSTATE 40

Existing woodland tree canopy consisting of primarily Cottonwood, some Sycamore and Silver Maple. Considerable small Box Elder and invasive honeysuckle.

Tree ID	Common Name	DBH	Condition	To Remain T.B.R.	To Be Removed T.B.R.	DBH	Condition	To Remain T.B.R.	To Be Removed T.B.R.
4207	Cottonwood	35	2	X		36	2	X	
4208	Cottonwood	34	2	X		37	2	X	
4209	Cottonwood	33	2	X		38	3	X	
4210	Cottonwood	32	2	X		39	3	X	
4211	Cottonwood	31	2	X		40	3	X	
4212	Cottonwood	30	2	X		41	3	X	
4213	Cottonwood	29	2	X		42	3	X	
4214	Cottonwood	28	2	X		43	3	X	
4215	Cottonwood	27	2	X		44	3	X	
4216	Cottonwood	26	2	X		45	3	X	
4217	Cottonwood	25	2	X		46	3	X	
4218	Cottonwood	24	2	X		47	3	X	
4219	Cottonwood	23	2	X		48	3	X	
4220	Cottonwood	22	2	X		49	3	X	
4221	Cottonwood	21	2	X		50	3	X	
4222	Cottonwood	20	2	X		51	3	X	
4223	Cottonwood	19	2	X		52	3	X	
4224	Cottonwood	18	2	X		53	3	X	
4225	Cottonwood	17	2	X		54	3	X	
4226	Cottonwood	16	2	X		55	3	X	
4227	Cottonwood	15	2	X		56	3	X	
4228	Cottonwood	14	2	X		57	3	X	
4229	Cottonwood	13	2	X		58	3	X	
4230	Cottonwood	12	2	X		59	3	X	
4231	Cottonwood	11	2	X		60	3	X	
4232	Cottonwood	10	2	X		61	3	X	
4233	Cottonwood	9	2	X		62	3	X	
4234	Cottonwood	8	2	X		63	3	X	
4235	Cottonwood	7	2	X		64	3	X	
4236	Cottonwood	6	2	X		65	3	X	
4237	Cottonwood	5	2	X		66	3	X	
4238	Cottonwood	4	2	X		67	3	X	
4239	Cottonwood	3	2	X		68	3	X	
4240	Cottonwood	2	2	X		69	3	X	
4241	Cottonwood	1	2	X		70	3	X	
4242	Cottonwood		2	X		71	3	X	
4243	Cottonwood		2	X		72	3	X	
4244	Cottonwood		2	X		73	3	X	
4245	Cottonwood		2	X		74	3	X	
4246	Cottonwood		2	X		75	3	X	
4247	Cottonwood		2	X		76	3	X	
4248	Cottonwood		2	X		77	3	X	
4249	Cottonwood		2	X		78	3	X	
4250	Cottonwood		2	X		79	3	X	
4251	Cottonwood		2	X		80	3	X	
4252	Cottonwood		2	X		81	3	X	
4253	Cottonwood		2	X		82	3	X	
4254	Cottonwood		2	X		83	3	X	
4255	Cottonwood		2	X		84	3	X	
4256	Cottonwood		2	X		85	3	X	
4257	Cottonwood		2	X		86	3	X	
4258	Cottonwood		2	X		87	3	X	
4259	Cottonwood		2	X		88	3	X	
4260	Cottonwood		2	X		89	3	X	
4261	Cottonwood		2	X		90	3	X	
4262	Cottonwood		2	X		91	3	X	
4263	Cottonwood		2	X		92	3	X	
4264	Cottonwood		2	X		93	3	X	
4265	Cottonwood		2	X		94	3	X	
4266	Cottonwood		2	X		95	3	X	
4267	Cottonwood		2	X		96	3	X	
4268	Cottonwood		2	X		97	3	X	
4269	Cottonwood		2	X		98	3	X	
4270	Cottonwood		2	X		99	3	X	
4271	Cottonwood		2	X		100	3	X	
4272	Cottonwood		2	X		101	3	X	
4273	Cottonwood		2	X		102	3	X	
4274	Cottonwood		2	X		103	3	X	
4275	Cottonwood		2	X		104	3	X	
4276	Cottonwood		2	X		105	3	X	
4277	Cottonwood		2	X		106	3	X	
4278	Cottonwood		2	X		107	3	X	
4279	Cottonwood		2	X		108	3	X	
4280	Cottonwood		2	X		109	3	X	
4281	Cottonwood		2	X		110	3	X	
4282	Cottonwood		2	X		111	3	X	
4283	Cottonwood		2	X		112	3	X	
4284	Cottonwood		2	X		113	3	X	
4285	Cottonwood		2	X		114	3	X	
4286	Cottonwood		2	X		115	3	X	
4287	Cottonwood		2	X		116	3	X	
4288	Cottonwood		2	X		117	3	X	
4289	Cottonwood		2	X		118	3	X	
4290	Cottonwood		2	X		119	3	X	
4291	Cottonwood		2	X		120	3	X	



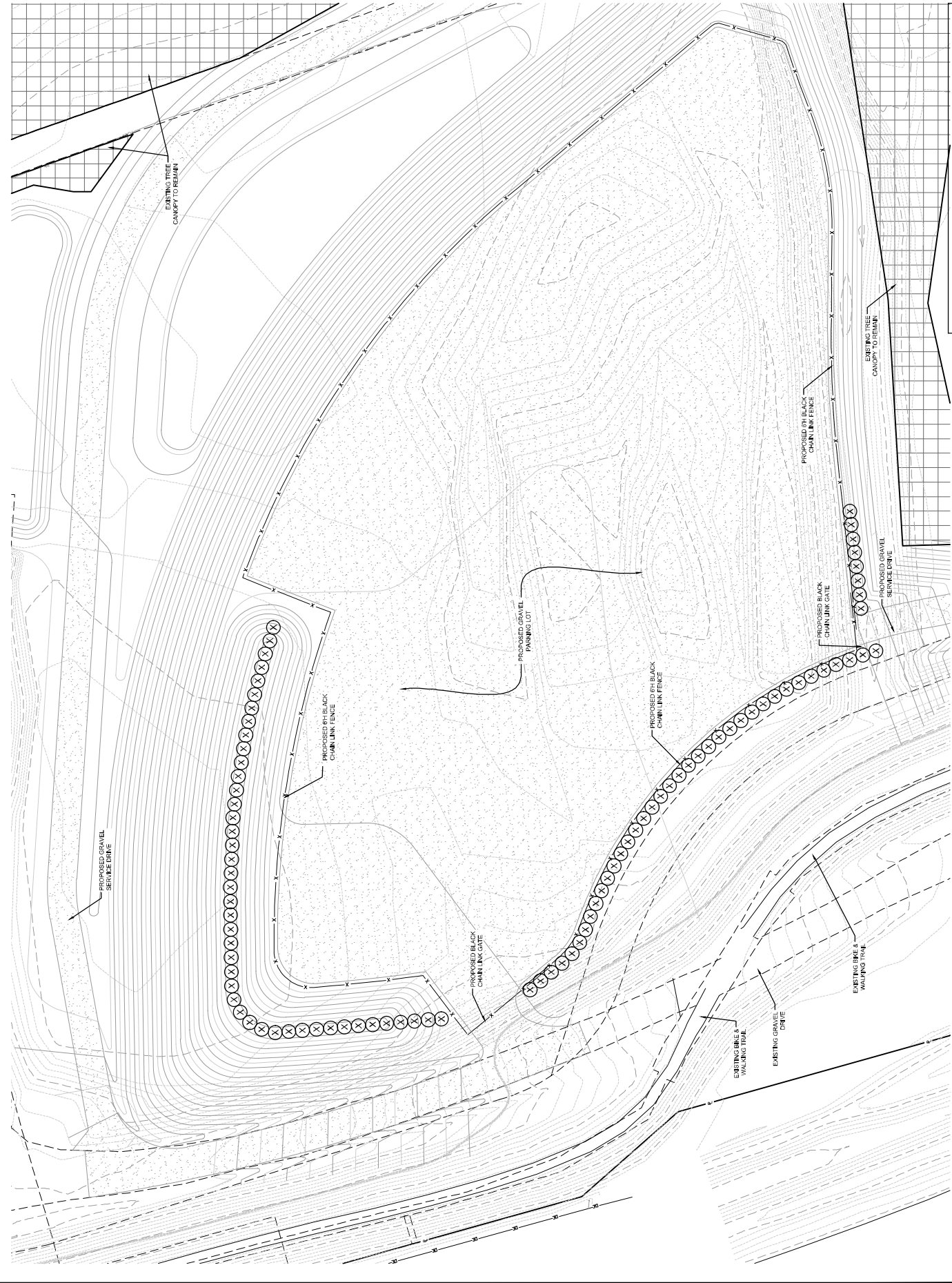
17935 - 18055 North Forty Drive
Chesapeake, MD 63005

Contemporary Lodge & Wilderness Area Gumbo Flats

Revisions:	Date	Description	No.
	11/20/24	Final	1
	11/20/24	Final	2
	11/20/24	Final	3
	11/20/24	Final	4
	11/20/24	Final	5

Drawn: KFP
Checked: FSS

Sheet: L1.02
Title: Landscape Plan



ID	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
X	66	Tough Green Quirt	Green Quirt Arborvitae	12" H.	B&B

PLANTING SCHEDULE

Landscape Plan
SCALE: 1"=30'



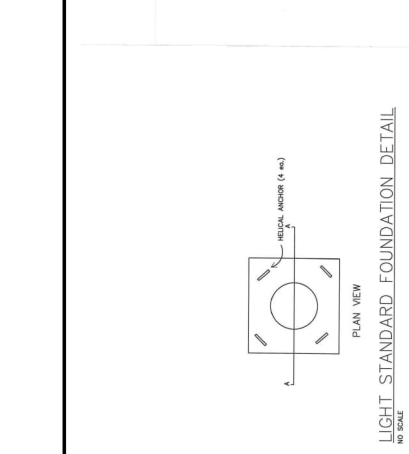
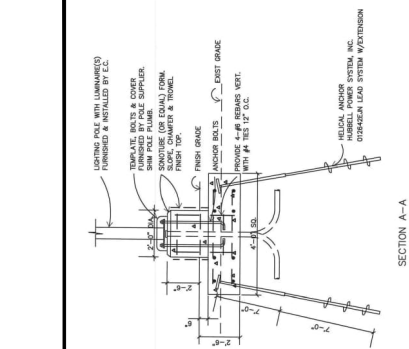
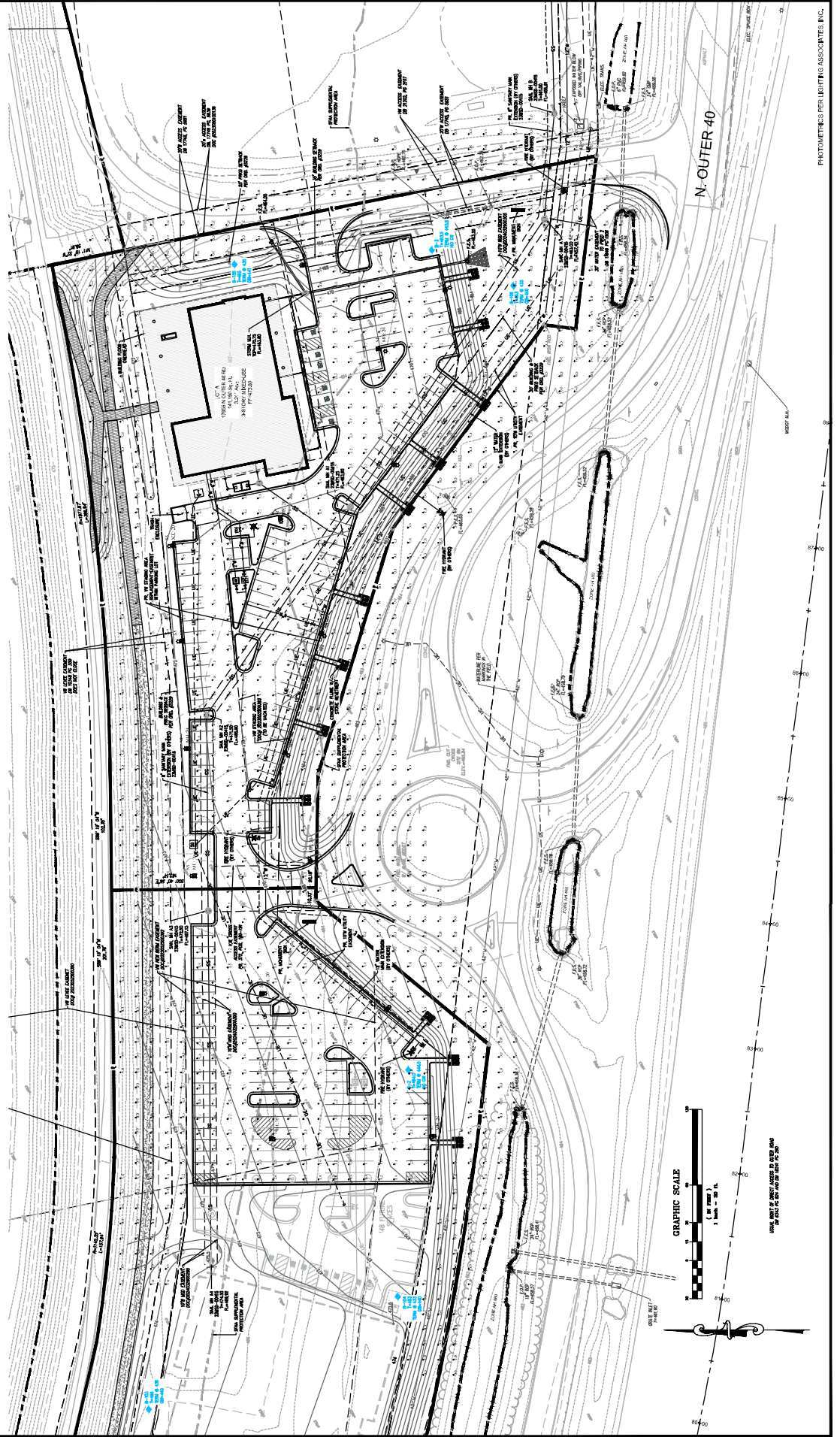
L1.02
Date: 11/20/24
10:00 AM

CONTEMPORARY LODGE & WILDERNESS AREA
 SITE DEVELOPMENT PLAN FOR
 17935-18055 NORTH OUTER 40 ROAD
 CHESTERFIELD, MO 63005



PROJECT INFORMATION			
PROJECT NO.	2024-001	DATE	10/20/2024
CLIENT	PHOTOMETRICS PER LIGHTING ASSOCIATES, INC.		
SITE NAME	CONTEMPORARY LODGE & WILDERNESS AREA		
LOCATION	17935-18055 NORTH OUTER 40 ROAD, CHESTERFIELD, MO 63005		
DRAWN BY	[Name]		
CHECKED BY	[Name]		
DATE	10/20/2024		
SCALE	AS SHOWN		
SHEET NO.	1 OF 1		

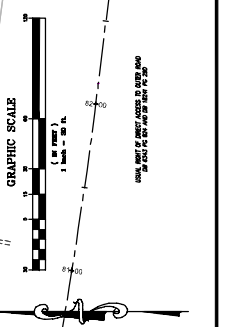
PREPARED BY:
Stork & Associates
 Consulting Engineers Inc.
 2150 North Business Parkway
 Chesterfield, MO 63005
 Tel: 314.281.1333
 www.storkeng.com



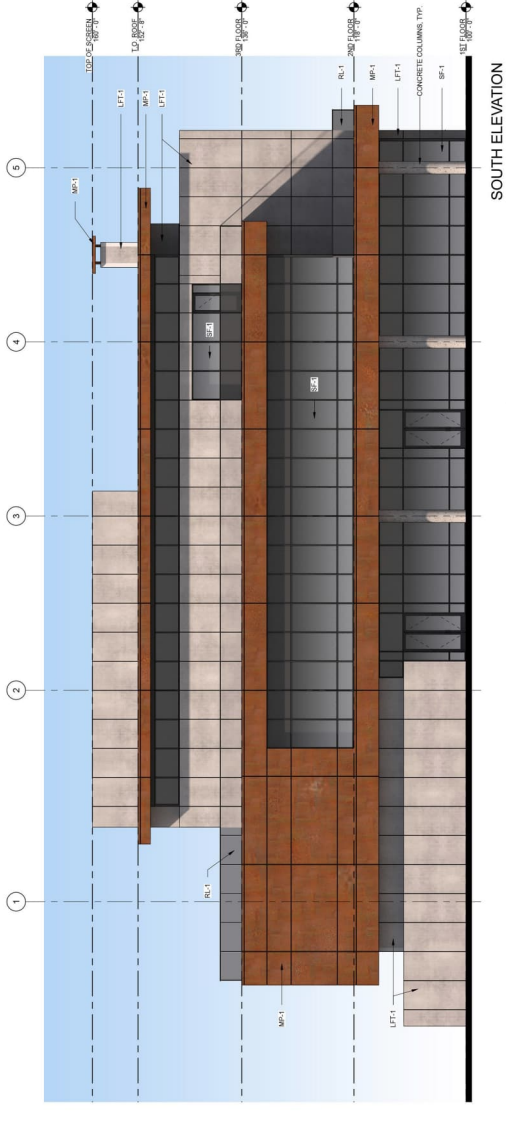
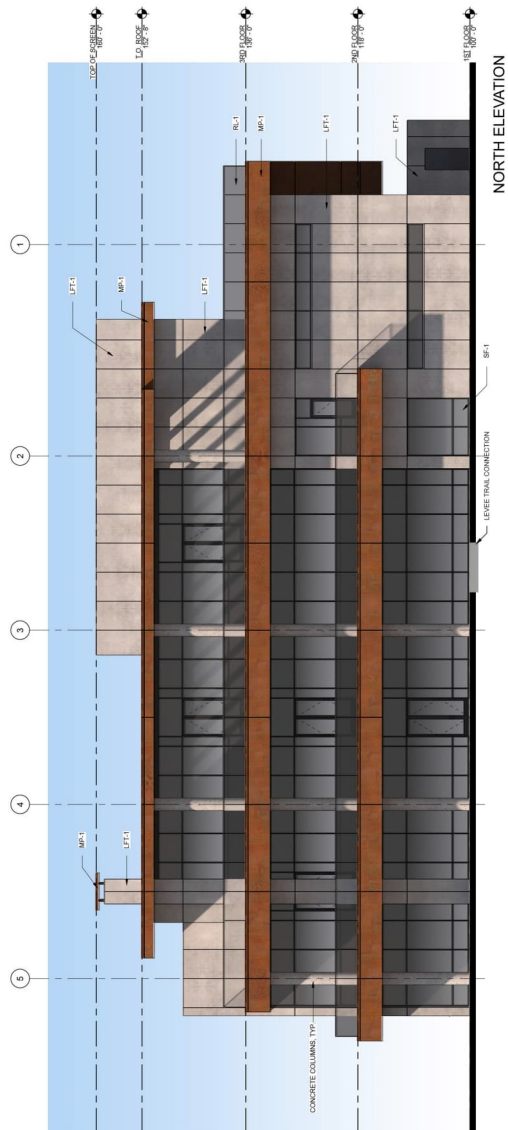
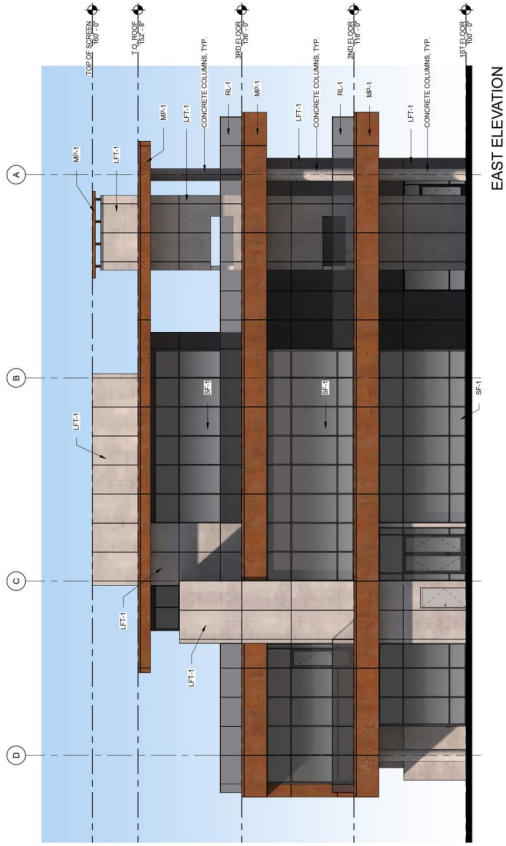
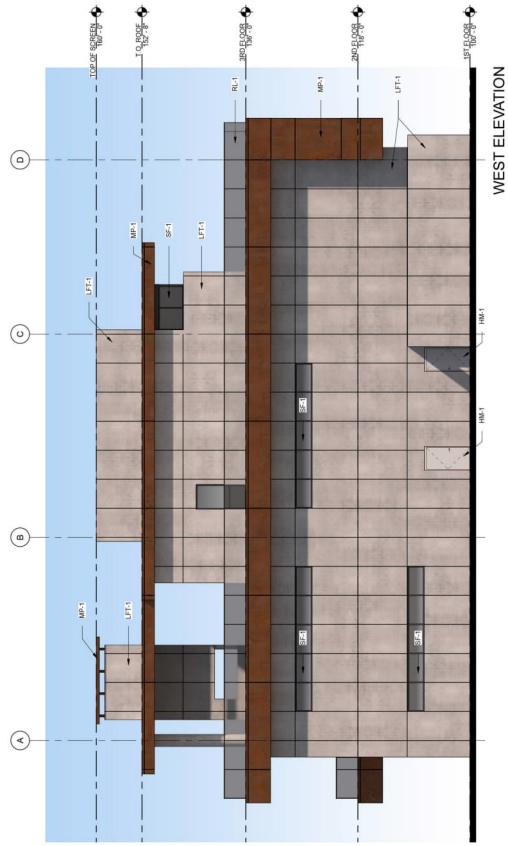
NOTE: FIXTURES MOUNTED AT 20' INCLUDING BASE
 FIXTURES NOT MOUNTED AT 20' INCLUDING BASE:
 LIGHT LEVELS CALCULATED ON THE GROUND

LUMINAIRE CHARACTERISTICS			
Symbol	Label	Arrangement	Description
S1	SI	Single	GALVANNEAL CHROME-PLATE-STEEL
S2	S2	Single	GALVANNEAL CHROME-PLATE-STEEL
S3	S3	Single	GALVANNEAL CHROME-PLATE-STEEL
S4	S4	Single	GALVANNEAL CHROME-PLATE-STEEL
S5	S5	Single	GALVANNEAL CHROME-PLATE-STEEL
S6	S6	Single	GALVANNEAL CHROME-PLATE-STEEL
Total Wairs			
LI.F.	Cum. Wairs	Total Wairs	
1000	125	375	
1000	32	164	
1000	125	625	
1000	213	213	

CUMULATIVE ILLUMINANCE			
Symbol	Label	Arrangement	Description
AVG	Min	Max	
2.02	0.4	8.4	
0.03	0.7		
FC	Min	Max	
0.5	0.5	4.0	
	N.A.	N.A.	



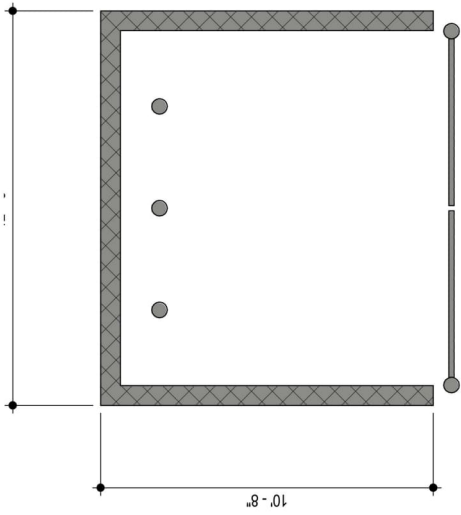
PHOTOMETRICS PER LIGHTING ASSOCIATES, INC. E1



EXTERIOR MATERIAL LIST		
CODE	MATERIAL	COLOR / TYPE
CMU-1	GROUND FACE CMU	MANUF. TRENTHYTH, SERIES TRENSTONE, COLOR GRAY MARBLE
HM-1	METAL	HOLLOW METAL DOOR, COLOR TO MATCH LFT-1
LFT-1	LARGE FORMAT TILE	MANUF. DOKTON, COLOR SONE
MP-1	COMPOSITE METAL	MANUF. ALCOBOND, COLOR RUSTED METAL (PAK CORTEN STEEL PAINTED FINISH)
RL-1	GLASS GUARDRAIL	CLEAR GLASS GUARDRAIL SYSTEM W/ ALUM. TOP RAIL, COLOR TO MATCH STOREFRONT
SF-1	STOREFRONT	1" INSULATED CLEAR GLASS IN ALUM. STOREFRONT SYSTEM, COLOR BLACK

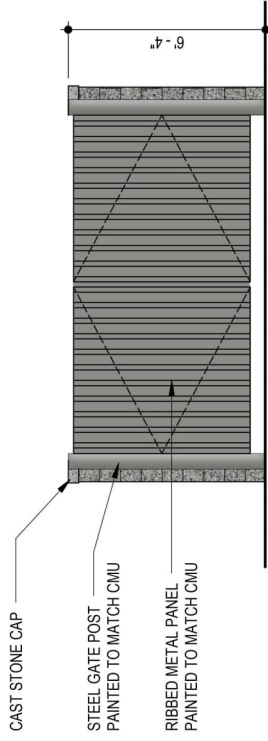


LD EAST CONTEMPORARY LODGE
 CHESTERFIELD 22-064
 MISSOURI 05-08-2024



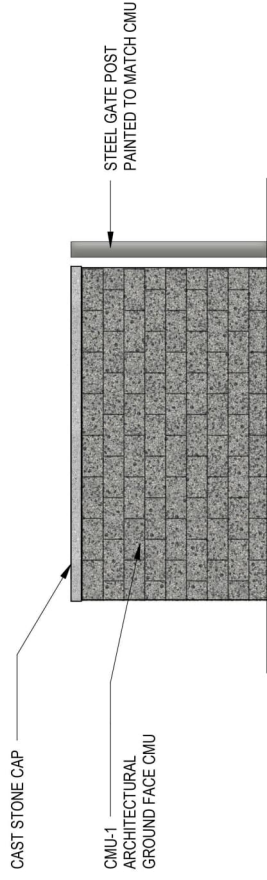
1 TRASH ENCLOSURE

SCALE: 1/4" = 1'-0"



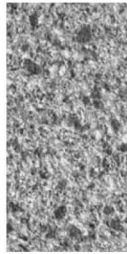
2 Front Elevation

SCALE: 1/4" = 1'-0"

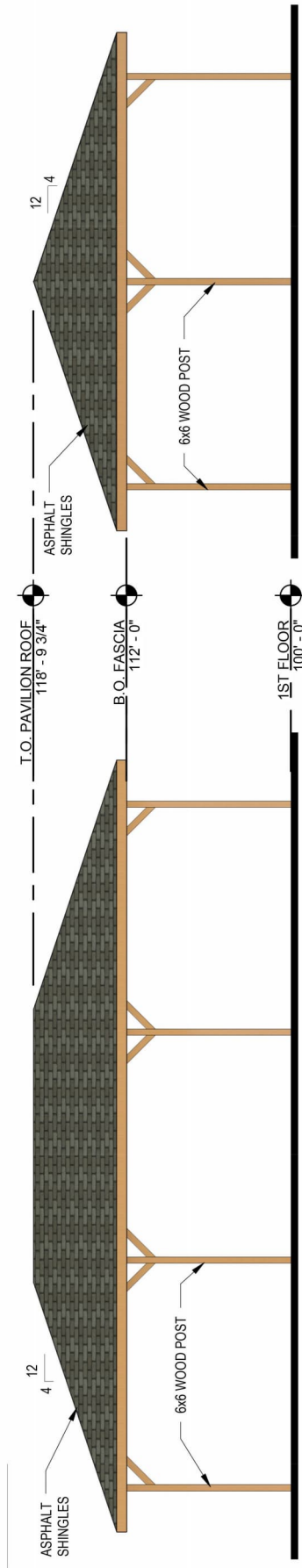


3 Side Elevation

SCALE: 1/4" = 1'-0"

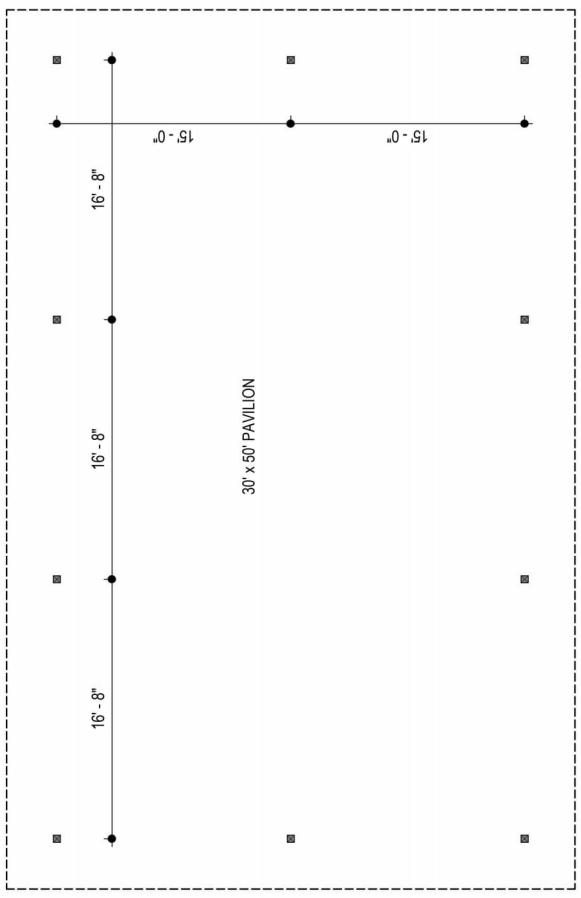


CMU-1
ARCHITECTURAL CMU
MANUF.: TRENDWYTH
SERIES: TRENDSTONE
FINISH: GROUND FACE
COLOR: GRAY MARBLE



2 SW AND NE ELEVATION
SCALE: 1/8" = 1'-0"

3 SE AND NW ELEVATION
SCALE: 1/8" = 1'-0"



1 PAVILION FLOOR PLAN
SCALE: 1/8" = 1'-0"



AERIAL PERSPECTIVE LOOKING WEST

LD EAST CONTEMPORARY LODGE

CHESTERFIELD
22-064

MISSOURI
06-10-2024

Project		Catalog #		Type	
Prepared by		Notes		Date	



McGraw-Edison

GALN Galleon II

Area / Site Luminaire

Product Features



Product Certifications



Interactive Menu

- Ordering Information page 2
- Mounting Details page 3
- Optical Distributions page 5
- Product Specifications page 5
- Energy and Performance Data page 6
- Control Options page 11

Quick Facts

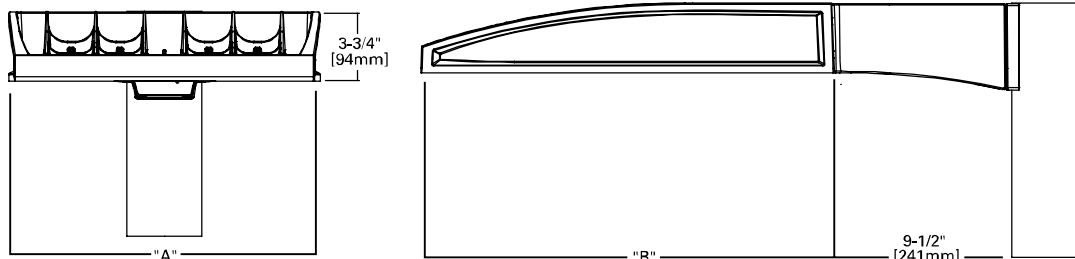
- Lumen packages range from 3,300 - 73,500 (33W - 552W)
- 17 optical distributions
- Efficacy up to 159 lumens per watt

Connected Systems

- WaveLinx Lite
- WaveLinx

Dimensional Details

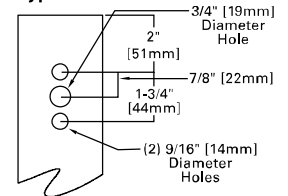
Standard Pole Mount Arm



Number of Light Squares	Width "A"	Housing Length "B"	Weight with Standard or QM Arm	EPA with Standard or QM Arm
1-4	16"	22"	29 lb	0.95
5-6	22"	22"	39 lb	0.95
7-9	22"	28-1/8"	48 lb	1.1

NOTES:
For arm selection requirements and additional line art, see Mounting Details section.

Pole Drilling Pattern Type "N"



NOTES:
1. Visit <https://www.designlights.org/search/> to confirm qualification. Not all product variations are DLC qualified.
2. IDA Certified (3000K CCT and warmer only, fixed mounting options)

Ordering Information

SAMPLE NUMBER: GALN-SA4C-740-U-T4FT-GM


Product Family ^{1,2}	Light Engine		Color Temperature	Voltage	Distribution	Mounting	Finish
	Configuration	Drive Current					
GALN=Galleon II BAA-GALN=Galleon II Buy American Act Compliant ²⁷ TAA-GALN=Galleon II Trade Agreements Act Compliant ²⁷	SA1=1 Square SA2=2 Squares SA3=3 Squares SA4=4 Squares SA5=5 Squares SA6=6 Squares SA7=7 Squares SA8=8 Squares SA9=9 Squares	A=600mA B=800mA C=1000mA D=1200mA ^{4,17} Z=Configured ³³	722=70CRI, 2200K 727=70CRI, 2700K 730=70CRI, 3000K 735=70CRI, 3500K 740=70CRI, 4000K 750=70CRI, 5000K 760=70CRI, 6000K 827=80CRI, 2700K 830=80CRI, 3000K 835=80CRI, 3500K 840=80CRI, 4000K 930=90CRI, 3000K 935=90CRI, 3500K 940=90CRI, 4000K 950=90CRI, 5000K AMB=Amber, 590nm ^{15,17}	U=120-277V H=347V-480V ^{7,30} 1=120V 2=208V 3=240V 4=277V 8=480V ^{7,30} 9=347V ⁷ DV=277V-480V DuraVolt Drivers ^{29,30,31}	T1=Type I T2=Type II T2R=Type II Roadway T3=Type III T3R=Type III Roadway T4FT=Type IV Forward Throw T4W=Type IV Wide 5NQ=Type V Narrow 5MQ=Type V Square Medium 5WQ=Type V Square Wide SL2=Type II w/Spill Control SL3=Type III w/Spill Control SL4=Type IV w/Spill Control SLL=90° Spill Light Eliminator Left SLR=90° Spill Light Eliminator Right RW=Rectangular Wide Type I AFL=Automotive Frontline	[Blank]=Standard Pole Mount Arm QU=Quick Mount Universal Arm OM=Pole Mount Arm with Quick Mount Adaptor PA=Pole Mount, Adjustable SP=3" Slipfitter, Adjustable ⁸ SP2=2-3/8" Slipfitter, Adjustable ⁸ QMA=Quick Mount Mast Arm, Fixed MA=Mast Arm, Fixed WM=Wall Mount, Fixed WA=Wall Mount, Adjustable UP=Upswept Arm	AP=Grey BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White RALXX=Custom Color

Options (Add as Suffix)	Controls and Systems Options (Add as Suffix)	Accessories (Order Separately) ²⁸
<p>DIM=External 0-10V Dimming Leads ²⁰ F=Single Fuse (120, 277 or 347V Specify Voltage) FF=Double Fuse (208, 240 or 480V Specify Voltage) 20K=20kV UL 1449 fused surge protective device ¹⁰ 2L=Two Circuits ¹⁰ HA=50°C High Ambient HSS=Installed House Side Shield ¹⁸ GRSBK=Glare Reducing Shield, Black ²³ GRSWH=Glare Reducing Shield, White ²³ LCF=Light Square Trim Painted to Match Housing ²⁶ TH=Tool-Hess Door Hardware ³ CC=Coastal Construction finish ⁵ L90=Optics Rotated 90° Left R90=Optics Rotated 90° Right AHD145=After Hours Dim, 5 Hours ²² AHD245=After Hours Dim, 6 Hours ²² AHD255=After Hours Dim, 7 Hours ²² AHD355=After Hours Dim, 8 Hours ²² DALI=DALI Drivers</p>	<p>BPC=Button Type Photocontrol. Must specify voltage 120V, 208V, 240V or 277V. ⁶ PR=NEMA 3-PIN Photocontrol Receptacle PR7=NEMA 7-PIN Photocontrol Receptacle ²¹ FADC=Field Adjustable Dimming Controller ³² PSC=Photocontrol Shorting Cap SPB2=Dimming Motion Sensor, 9'-20' mounting ²⁴ SPB4=Dimming Motion Sensor, 21'-40' mounting ²⁴ SPB2/X=Dimming Motion Sensor, limited square count, 9'-20' mounting ²⁴ SPB4/X=Dimming Motion Sensor, limited square count, 21'-40' mounting ²⁴ MS/DIM-L20=Motion Sensor for Dimming Operation, 9'-20' Mounting ³⁴ MS/DIM-L40=Motion Sensor for Dimming Operation, 21'-40' Mounting ³⁴ ZW=WaveLinX-enabled 4-PIN Twistlock Receptacle ¹⁹ ZD=SR Driver-enabled 4-PIN Twistlock Receptacle ¹⁹ ZW-WOBXX=WaveLinX Lite, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting ^{19,12} ZW-WOFXX=WaveLinX Lite, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting ^{19,12} ZD-WOBXX=WaveLinX Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting ^{19,12} ZD-WOFXX=WaveLinX Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting ^{19,12} ZW-SWPD4XX=WaveLinX Pro, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting ^{19,12,13} ZW-SWPD5XX=WaveLinX Pro, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting ^{19,12,13} ZD-SWPD4XX=WaveLinX Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting ^{19,12,13} ZD-SWPD5XX=WaveLinX Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting ^{19,12,13} DIM10-L20=Synapse Occupancy Sensor (9'-20' Mounting) ¹⁹ DIM10-L40=Synapse Occupancy Sensor (21'-40' Mounting) ¹⁹</p>	<p>OA/RA1016=NEMA Photocontrol Multi-Tap - 105-285V OA/RA1027=NEMA Photocontrol - 480V OA/RA1201=NEMA Photocontrol - 347V OA/RA1013=Photocontrol Shorting Cap OA/RA1014=120V Photocontrol MA1252=10kV Surge Module Replacement MA1036-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon MA1037-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon MA1197-XX=3@120° Tenon Adapter for 2-3/8" O.D. Tenon MA1188-XX=4@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1189-XX=2@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1190-XX=3@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1191-XX=2@120° Tenon Adapter for 2-3/8" O.D. Tenon MA1038-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon MA1039-XX=2@180° Tenon Adapter for 3-1/2" O.D. Tenon MA1192-XX=3@120° Tenon Adapter for 3-1/2" O.D. Tenon MA1193-XX=4@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1194-XX=2@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1195-XX=3@90° Tenon Adapter for 3-1/2" O.D. Tenon SRA238=Adapter kit for mounting 3" SP arm to 2-3/8" O.D. vertical tenon FSIR-100=Wireless Configuration Tool for MS/DIM ³⁴ LS/HSS=Field Installed House Side Shield ^{9,18} LS/GRSBK-2PK =Glare Reducing Shield, Black ^{9,23} LS/GRSWH-2PK =Glare Reducing Shield, White ^{9,23} LS/PFS=Perimeter Shield, Black ¹⁶ WOLC-7P-10A=WaveLinX Outdoor Control Module ^{11,19} WOB-XX=WaveLinX Lite Sensor, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting ^{12,14,19} WOF-XX=WaveLinX Lite Sensor, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting ^{12,14,19} SWPD4-XX=WaveLinX Sensor, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting ^{12,13,14,19} SWPD5-XX=WaveLinX Sensor, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting ^{12,13,14,19}</p>

NOTES:

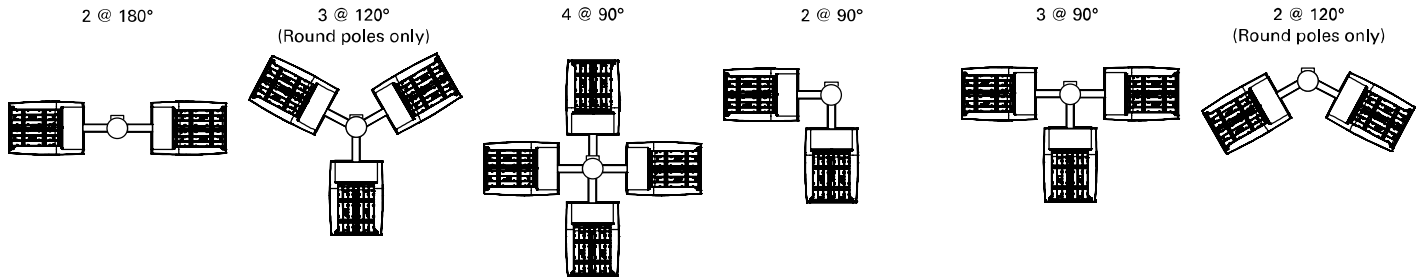
- Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
- DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
- Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. Not available with TH option.
- Drive current 1200mA not available with color temperatures 722, 727, 827, 830 or 930 when the HSS option is selected.
- TH option not 3G rated. Not available with Coastal Construction (CC) option.
- Not available with voltage options H, 8 or 9.
- Requires the use of an internal step down transformer when combined with sensor options. Not available in combination with the HA high ambient and sensor options at 1A.
- SP arm limited to 3" O.D. vertical tenon. SP2 limited to 2-3/8" O.D. vertical tenon.
- One required for each Light Square.
- 2L is not available with SPB at 347V or 480V. Not available with WaveLinX or Enlighted sensors, or 20kV surge option.
- Requires PR7.
- Replace XX with sensor color (WH, BZ or BK.)
- WAC Gateway required to enable field-configurability. Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed. WAC not required for LC Bluetooth sensors.
- Requires ZW or ZD receptacle.
- Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only. Exact luminaire wattage available in IES files. Available with 5WQ, 5MQ, SL2, SL3 and SL4 distributions. Can be used with HSS option.
- Set of 4 pcs. One set required per Light Square.
- Not available with HA option.
- Not for use with T1, 5NQ, 5MQ, 5WQ or RW optics.
- Cannot be used with other control options.
- Low voltage control lead brought out 18" outside fixture. Not available with DALI or integrated controls options
- Not available if any SPB, LWR, or WaveLinX sensor is selected. Motion sensor has an integral photocell.
- Requires the use of BPC photocontrol or the PR7 or PR photocontrol receptacle with photocontrol accessory.
- Not for use with T1, T4FT, T4W or SL4 optics.
- Sensor configuration mobile application required for configuration. See controls page for details.
- Replace X with number of Light Squares controlled by the SPB, referencing the "SPB/X Availability Table" on the controls page.
- Not available with HSS, GRSWH or GRSBK.
- Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC.PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
- For BAA or TAA requirements, Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.
- DuraVolt drivers feature added protection from power quality issues such as loss of neutral, transients and voltage fluctuations. Visit www.signify.com/duravolt for more information.
- 480V not to be used with ungrounded or impedance grounded systems.
- Not available in 1 square configuration at 800mA or below. Not available with any control option except SPB.
- Cannot be used with PR7 or other motion response control options.
- Use GALN Product Configurator to specify lumen output, drive current and wattage. Not available with AMB.
- Uses the FSP-211 motion sensor. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Cooper Lighting Solutions for more information.

LumenSafe Integrated Network Security Camera Technology Options (Add as Suffix)

Product Family	Camera Type	Data Backhaul
L=LumenSafe Technology 	D=Standard Dome Camera H=Hi-Res Dome Camera Z=Remote PTZ Camera	C=Cellular, No SIM A=Cellular, AT&T V=Cellular, Verizon S=Cellular, Sprint R=Cellular, Rogers W=Wi-Fi Networking w/ Omni-Directional Antenna E=Ethernet Networking

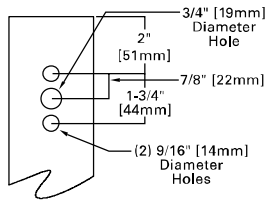
Mounting Details

Pole Configuration Options

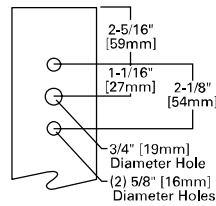


Pole Drilling Patterns

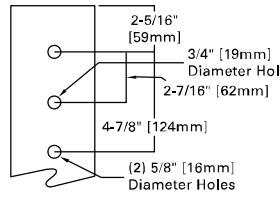
Type "N"



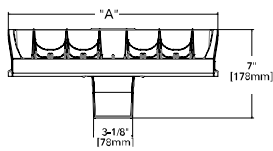
Type "R"



Type "M"

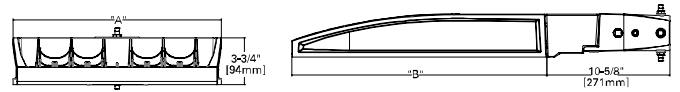


Quick Mount Universal Arm (QU)



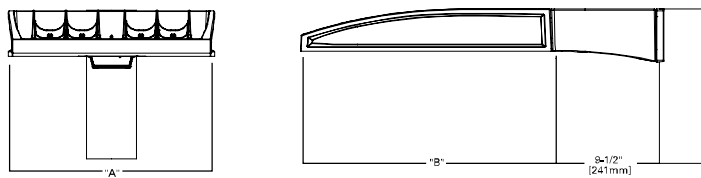
*NOTE: Universal bolt pattern compatible with Type N through Type M drilling patterns

Quick Mount Mast Arm (QMA)



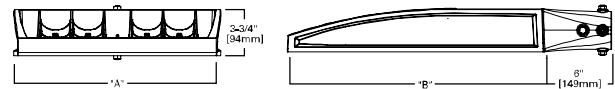
*NOTE: Fits 2-3/8" O.D. tenon

Pole Mount Arm with Quick Mount Adaptor (QM)



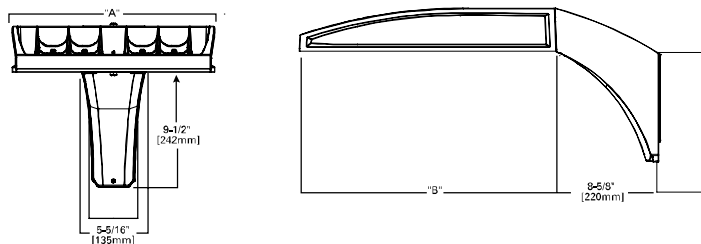
*NOTE: Use Type N drilling pattern

Mast Arm, Fixed (MA)



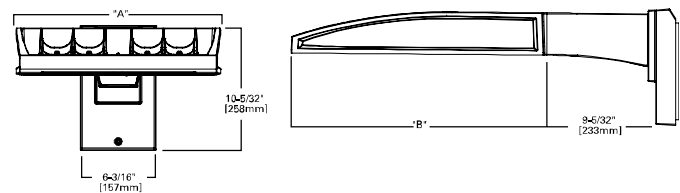
*NOTE: Fits 2-3/8" O.D. tenon

Upswept Arm (UP)



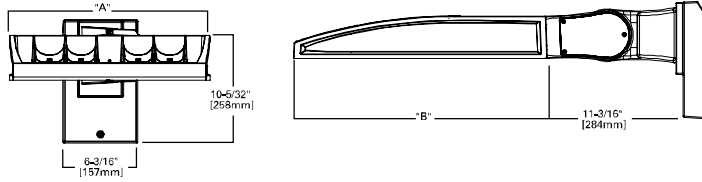
*NOTE: Universal bolt pattern compatible with Type N through Type M drilling patterns

Wall Mount, Fixed (WM)



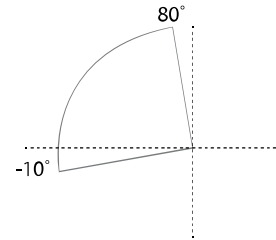
Mounting Details

Wall Mount, Adjustable (WA)

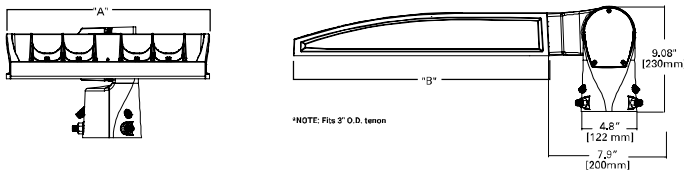


Adjustable Arm Range of Motion

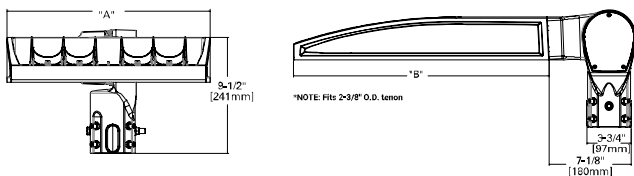
- Includes WA, SP, SP2 and PA mounting options
- Adjustable in increments of 5°
- Must maintain downward facing orientation



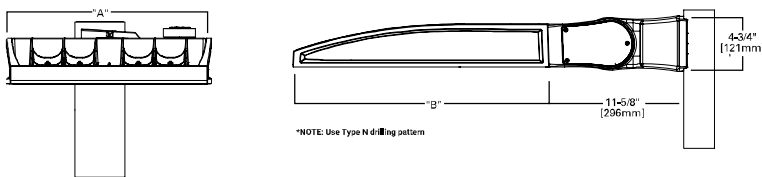
3" Slipfitter, Adjustable (SP)



2-3/8" Slipfitter, Adjustable (SP2)



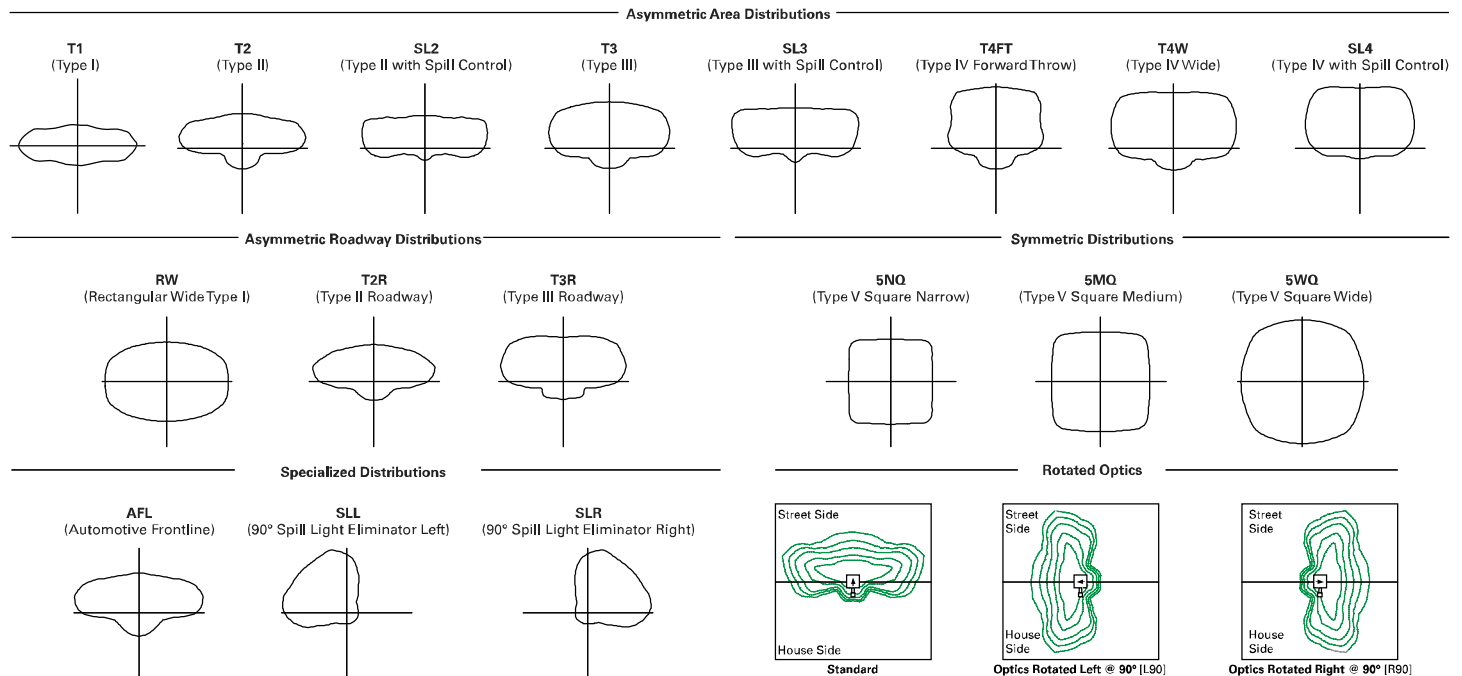
Pole Mount, Adjustable Arm (PA)



Fixture Weights and EPAs

Tilt Angle (Degrees)	Number of Light Squares	Weight	1 @ 90°	2 @ 180°	2 @ 90°	2 @ 120°	3 @ 90°	3 @ 120°	4 @ 90°
0°	1-4	33.5 lb (15.2 kg)	0.85	1.70	1.46	1.66	2.31	2.25	2.35
	5-6	43.5 lb (19.7 kg)	0.86	1.71	1.62	1.80	2.49	2.35	2.50
	7-9	52.5 lb (23.8 kg)	0.98	1.95	1.75	1.98	2.73	2.55	2.76
15°	1-4	33.5 lb (15.2 kg)	1.10	1.71	1.95	2.26	2.81	3.30	2.87
	5-6	43.5 lb (19.7 kg)	1.42	1.71	2.27	2.72	3.13	3.63	3.15
	7-9	52.5 lb (23.8 kg)	1.69	1.96	2.67	3.22	3.65	4.38	3.72
30°	1-4	33.5 lb (15.2 kg)	1.72	1.81	2.58	3.21	3.44	4.59	3.53
	5-6	43.5 lb (19.7 kg)	2.26	2.29	3.11	4.00	3.97	5.27	4.00
	7-9	52.5 lb (23.8 kg)	2.75	2.85	3.73	4.83	4.71	6.45	4.81
45°	1-4	33.5 lb (15.2 kg)	2.25	2.36	3.10	4.00	3.96	5.63	4.08
	5-6	43.5 lb (19.7 kg)	2.96	2.99	3.81	5.06	4.67	6.49	4.71
	7-9	52.5 lb (23.8 kg)	3.63	3.76	3.73	6.17	5.59	8.03	5.73
60°	1-4	33.5 lb (15.2 kg)	2.63	2.77	3.49	4.58	4.34	6.21	4.48
	5-6	43.5 lb (19.7 kg)	3.46	3.51	4.32	5.84	5.19	7.01	5.22
	7-9	52.5 lb (23.8 kg)	4.27	4.44	5.25	7.15	6.23	8.80	6.40

Optical Distributions



Product Specifications

Construction

- Die-cast aluminum housing and heat sink
- Three housing sizes, using 1 to 9 light squares

Optics

- High-efficiency injection-molded AccuLED Optics technology
- 17 optical distributions for area site and roadway applications
- 3 shielding options include HSS, GRS and PFS
- IDA Certified (3000K CCT and warmer only, fixed mounting options)

Electrical

- Removable power tray assembly includes drivers, surge modules and control modules for ease of maintenance and serviceability
- Standard with 0-10V dimming
- Standard with 10kV surge module, optional 20kV surge module

- Suitable for operation in -40°C to 40°C ambient environments. Optional 50°C high ambient (HA) configuration

Mounting

- Arms are factory installed, enabling closed-housing installation
- All arms suitable for round or square pole installation
- All arms provide clearance for multiple fixture installations at 90°

Finish

- 6 standard finishes use super durable TGIC polyester powder coat paint, providing 2.5 mil nominal thickness and salt-spray tested to 3,000 hours per ASTM B117
- RAL and custom color matches available
- Coastal Construction (CC) option salt-spray tested to 5,000 hours per ASTM B117, achieving a scribe rating of 9 per ASTM D1654

Typical Applications

- Outdoor, Parking Lots, Walkways, Roadways, Building Areas

Warranty

- Five year limited warranty

Energy and Performance Data

Lumen Maintenance (TM-21)

Drive Current	Ambient Temperature	25,000 hours*	50,000 hours*	60,000 hours*	100,000 hours**	Theoretical L70 hours**
Up to 1A	25°C	99.4%	99.0%	98.9%	98.3%	> 2.4M
	40°C	98.7%	98.3%	98.1%	97.4%	> 1.9M
	50°C	98.2%	97.2%	96.8%	95.2%	> 851,000
1.2A	25°C	99.4%	99.0%	98.9%	98.3%	> 2.4M
	40°C	98.5%	97.9%	97.7%	96.7%	> 1.3M

Lumen Multiplier

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

* Supported by IES TM-21 standards

** Theoretical values represent estimations commonly used; however, refer to the IES position on LED Product Lifetime Prediction, IES PS-10-18, explaining proper use of IES TM-21 and LM-80.

FADC Settings

SA1-SA3 (A, B, C, D Drive Current)

FADC Position	Percent of Typical Lumen Output
1	25%
2	48%
3	56%
4	65%
5	75%
6	80%
7	85%
8	90%
9	95%
10	100%

FADC Settings

SA4-SA6 (A, B, C, D Drive Current)

FADC Position	Percent of Typical Lumen Output
1	14%
2	25%
3	32%
4	43%
5	49%
6	57%
7	65%
8	72%
9	80%
10	100%

FADC Settings

SA7-SA9 (A, B, C, D Drive Current)

FADC Position	Percent of Typical Lumen Output
1	19%
2	38%
3	47%
4	63%
5	74%
6	85%
7	95%
8	97%
9	100%
10	100%

Performance Table, Drive Current "A" (615mA)

Number of Light Squares		1	2	3	4	5	6	7	8	9
Nominal Power (Watts)		33	63	93	121	154	182	215	244	274
Input Current @ 120V		0.283	0.529	0.778	1.058	1.310	1.556	1.839	2.089	2.335
Input Current @ 208V		0.165	0.309	0.460	0.618	0.771	0.919	1.082	1.240	1.379
Input Current @ 240V		0.143	0.270	0.398	0.540	0.671	0.796	0.944	1.078	1.194
Input Current @ 277V		0.125	0.237	0.352	0.473	0.581	0.705	0.818	0.962	1.057
Input Current @ 347V		0.098	0.181	0.272	0.362	0.454	0.544	0.636	0.738	0.816
Input Current @ 480V		0.073	0.133	0.200	0.267	0.335	0.400	0.470	0.554	0.600
Optics										
T1	4000K Lumens	4,619	9,180	13,628	18,059	22,861	27,070	31,796	36,863	41,385
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3
	Lumens per Watt	140	146	147	149	148	149	148	151	151
T2	4000K Lumens	4,654	9,249	13,730	18,194	23,032	27,273	32,034	37,138	41,694
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
	Lumens per Watt	141	147	148	150	150	150	149	152	152
T2R	4000K Lumens	4,716	9,372	13,913	18,437	23,340	27,637	32,462	37,634	42,251
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4
	Lumens per Watt	143	149	150	152	152	152	151	154	154
T3	4000K Lumens	4,589	9,120	13,538	17,940	22,711	26,892	31,587	36,620	41,112
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B4-U0-G4
	Lumens per Watt	139	145	146	148	147	148	147	150	150
T3R	4000K Lumens	4,735	9,411	13,970	18,513	23,436	27,751	32,596	37,790	42,425
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
	Lumens per Watt	143	149	150	153	152	152	152	155	155
T4FT	4000K Lumens	4,617	9,176	13,622	18,051	22,851	27,058	31,782	36,847	41,366
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	140	146	146	149	148	149	148	151	151
T4W	4000K Lumens	4,631	9,203	13,662	18,104	22,918	27,138	31,876	36,955	41,488
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5
	Lumens per Watt	140	146	147	150	149	149	148	151	151
SL2	4000K Lumens	4,619	9,180	13,627	18,058	22,860	27,069	31,795	36,861	41,383
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5
	Lumens per Watt	140	146	147	149	148	149	148	151	151
SL3	4000K Lumens	4,586	9,115	13,531	17,931	22,699	26,879	31,571	36,602	41,091
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
	Lumens per Watt	139	145	145	148	147	148	147	150	150
SL4	4000K Lumens	4,529	9,002	13,363	17,708	22,417	26,544	31,178	36,146	40,580
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G4	B2-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	137	143	144	146	146	146	145	148	148
5NQ	4000K Lumens	4,829	9,598	14,247	18,880	23,901	28,301	33,242	38,539	43,266
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3
	Lumens per Watt	146	152	153	156	155	155	155	158	158
5MQ	4000K Lumens	4,853	9,645	14,318	18,974	24,020	28,442	33,407	38,731	43,482
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4
	Lumens per Watt	147	153	154	157	156	156	155	159	159
5WQ	4000K Lumens	4,843	9,625	14,288	18,934	23,969	28,382	33,337	38,649	43,390
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5
	Lumens per Watt	147	153	154	156	156	156	155	158	158
SLL/SLR	4000K Lumens	3,989	7,927	11,768	15,594	19,741	23,375	27,456	31,831	35,736
	BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
	Lumens per Watt	121	126	127	129	128	128	128	130	130
RW	4000K Lumens	4,774	9,488	14,085	18,665	23,628	27,979	32,863	38,100	42,774
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3
	Lumens per Watt	145	151	151	154	153	154	153	156	156
AFL	4000K Lumens	4,673	9,286	13,785	18,268	23,126	27,384	32,164	37,290	41,864
	BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3
	Lumens per Watt	142	147	148	151	150	150	150	153	153

* Nominal data for 70 CRI. ** For additional performance data, please reference the Galleon Supplemental Performance Guide.

Performance Table, Drive Current "B" (800mA)

Number of Light Squares		1	2	3	4	5	6	7	8	9
Nominal Power (Watts)		44	82	121	164	204	243	286	325	364
Input Current @ 120V		0.367	0.689	1.014	1.378	1.704	2.027	2.393	2.716	3.041
Input Current @ 208V		0.213	0.401	0.594	0.802	0.997	1.188	1.400	1.605	1.782
Input Current @ 240V		0.184	0.347	0.510	0.694	0.860	1.021	1.210	1.386	1.531
Input Current @ 277V		0.160	0.303	0.449	0.605	0.757	0.898	1.065	1.242	1.347
Input Current @ 347V		0.125	0.235	0.355	0.471	0.592	0.710	0.828	0.958	1.065
Input Current @ 480V		0.092	0.172	0.258	0.344	0.432	0.517	0.605	0.706	0.775
Optics										
T1	4000K Lumens	5,748	11,423	16,957	22,470	28,446	33,683	39,563	45,867	51,494
	BUG Rating	B2-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4
	Lumens per Watt	131	139	140	137	139	139	138	141	141
T2	4000K Lumens	5,790	11,508	17,083	22,638	28,658	33,935	39,859	46,210	51,879
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5
	Lumens per Watt	132	140	141	138	140	140	139	142	143
T2R	4000K Lumens	5,868	11,662	17,311	22,941	29,041	34,388	40,391	46,827	52,572
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5
	Lumens per Watt	133	142	143	140	142	142	141	144	144
T3	4000K Lumens	5,710	11,347	16,845	22,322	28,258	33,461	39,303	45,565	51,155
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B4-U0-G4	B4-U0-G5	B4-U0-G5
	Lumens per Watt	130	138	139	136	139	138	137	140	141
T3R	4000K Lumens	5,892	11,710	17,383	23,035	29,161	34,530	40,558	47,020	52,788
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5
	Lumens per Watt	134	143	144	140	143	142	142	145	145
T4FT	4000K Lumens	5,745	11,418	16,949	22,460	28,433	33,668	39,546	45,847	51,471
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	131	139	140	137	139	139	138	141	141
T4W	4000K Lumens	5,762	11,451	16,999	22,526	28,517	33,767	39,662	45,982	51,622
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	131	140	140	137	140	139	139	141	142
SL2	4000K Lumens	5,747	11,422	16,956	22,469	28,444	33,681	39,561	45,865	51,491
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	131	139	140	137	139	139	138	141	141
SL3	4000K Lumens	5,707	11,342	16,836	22,311	28,244	33,444	39,283	45,542	51,129
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	130	138	139	136	138	138	137	140	140
SL4	4000K Lumens	5,636	11,201	16,627	22,034	27,893	33,028	38,794	44,976	50,493
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G4	B2-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	128	137	137	134	137	136	136	138	139
5NQ	4000K Lumens	6,009	11,942	17,727	23,492	29,739	35,214	41,362	47,953	53,835
	BUG Rating	B2-U0-G1	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3
	Lumens per Watt	137	146	147	143	146	145	145	148	148
5MQ	4000K Lumens	6,039	12,001	17,816	23,609	29,887	35,389	41,568	48,191	54,103
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5
	Lumens per Watt	137	146	147	144	147	146	145	148	149
5WQ	4000K Lumens	6,026	11,976	17,778	23,559	29,824	35,315	41,480	48,090	53,989
	BUG Rating	B3-U0-G1	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5
	Lumens per Watt	137	146	147	144	146	145	145	148	148
SLL/SLR	4000K Lumens	4,963	9,863	14,642	19,403	24,563	29,085	34,163	39,607	44,465
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	113	120	121	118	120	120	119	122	122
RW	4000K Lumens	5,940	11,806	17,526	23,224	29,400	34,813	40,891	47,407	53,222
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4
	Lumens per Watt	135	144	145	142	144	143	143	146	146
AFL	4000K Lumens	5,814	11,555	17,153	22,730	28,775	34,073	40,021	46,398	52,090
	BUG Rating	B1-U0-G1	B2-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G4
	Lumens per Watt	132	141	142	139	141	140	140	143	143

* Nominal data for 70 CRI. ** For additional performance data, please reference the Galleon Supplemental Performance Guide.

Performance Table, Drive Current "C" (1050mA)

Number of Light Squares		1	2	3	4	5	6	7	8	9
Nominal Power (Watts)		57	108	160	213	269	321	377	429	481
Input Current @ 120V		0.478	0.905	1.338	1.810	2.244	2.675	3.150	3.584	4.013
Input Current @ 208V		0.279	0.532	0.780	1.064	1.313	1.559	1.845	2.093	2.339
Input Current @ 240V		0.243	0.458	0.664	0.916	1.123	1.328	1.582	1.788	1.991
Input Current @ 277V		0.213	0.404	0.582	0.808	0.997	1.164	1.401	1.589	1.745
Input Current @ 347V		0.164	0.322	0.471	0.644	0.795	0.943	1.117	1.269	1.414
Input Current @ 480V		0.121	0.235	0.341	0.469	0.579	0.681	0.814	0.923	1.022
Optics										
T1	4000K Lumens	7,101	14,113	20,950	27,763	35,146	41,616	48,882	56,671	63,623
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4
	Lumens per Watt	125	131	131	130	131	130	130	132	132
T2	4000K Lumens	7,154	14,219	21,107	27,970	35,408	41,927	49,247	57,094	64,098
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	126	132	132	131	132	131	131	133	133
T2R	4000K Lumens	7,250	14,408	21,389	28,344	35,881	42,487	49,905	57,857	64,954
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	127	133	134	133	133	132	132	135	135
T3	4000K Lumens	7,054	14,020	20,812	27,580	34,914	41,342	48,560	56,297	63,203
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B4-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	124	130	130	129	130	129	129	131	131
T3R	4000K Lumens	7,280	14,468	21,477	28,461	36,029	42,663	50,111	58,096	65,222
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	128	134	134	134	134	133	133	135	136
T4FT	4000K Lumens	7,098	14,107	20,941	27,751	35,130	41,598	48,860	56,646	63,594
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	125	131	131	130	131	130	130	132	132
T4W	4000K Lumens	7,119	14,148	21,003	27,832	35,233	41,720	49,004	56,812	63,781
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	125	131	131	131	131	130	130	132	133
SL2	4000K Lumens	7,101	14,112	20,949	27,761	35,144	41,614	48,879	56,668	63,619
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	125	131	131	130	131	130	130	132	132
SL3	4000K Lumens	7,051	14,013	20,802	27,566	34,897	41,321	48,535	56,269	63,172
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	124	130	130	129	130	129	129	131	131
SL4	4000K Lumens	6,963	13,839	20,543	27,223	34,463	40,808	47,932	55,569	62,386
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	122	128	128	128	128	127	127	130	130
5NQ	4000K Lumens	7,424	14,755	21,903	29,025	36,743	43,508	51,104	59,247	66,515
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4
	Lumens per Watt	130	137	137	136	137	136	136	138	138
5MQ	4000K Lumens	7,461	14,828	22,012	29,169	36,926	43,725	51,359	59,542	66,846
	BUG Rating	B3-U0-G1	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5
	Lumens per Watt	131	137	138	137	137	136	136	139	139
5WQ	4000K Lumens	7,445	14,797	21,966	29,108	36,849	43,633	51,250	59,417	66,705
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	131	137	137	137	137	136	136	139	139
SLL/SLR	4000K Lumens	6,132	12,187	18,091	23,973	30,348	35,936	42,210	48,935	54,938
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	108	113	113	113	113	112	112	114	114
RW	4000K Lumens	7,340	14,587	21,653	28,694	36,325	43,013	50,522	58,573	65,757
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4
	Lumens per Watt	129	135	135	135	135	134	134	137	137
AFL	4000K Lumens	7,183	14,276	21,193	28,084	35,552	42,098	49,448	57,327	64,359
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B4-U0-G4
	Lumens per Watt	126	132	132	132	132	131	131	134	134

* Nominal data for 70 CRI. ** For additional performance data, please reference the Galleon Supplemental Performance Guide.

Performance Table, Drive Current "D" (1200mA)

Number of Light Squares		1	2	3	4	5	6	7	8	9
Nominal Power (Watts)		65	125	184	245	309	368	433	493	552
Input Current @ 120V		0.546	1.041	1.535	2.082	2.578	3.070	3.619	4.114	4.605
Input Current @ 208V		0.318	0.610	0.893	1.219	1.504	1.786	2.113	2.397	2.679
Input Current @ 240V		0.276	0.523	0.758	1.046	1.282	1.516	1.806	2.041	2.274
Input Current @ 277V		0.241	0.460	0.662	0.920	1.133	1.325	1.593	1.807	1.987
Input Current @ 347V		0.187	0.370	0.543	0.740	0.915	1.085	1.285	1.459	1.628
Input Current @ 480V		0.138	0.269	0.391	0.537	0.663	0.782	0.932	1.057	1.173
Optics										
T1	4000K Lumens	7,814	15,529	23,053	30,549	38,672	45,793	53,787	62,358	70,007
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G4
	Lumens per Watt	120	124	125	125	125	124	124	126	127
T2	4000K Lumens	7,872	15,645	23,225	30,777	38,962	46,135	54,189	62,824	70,530
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	121	125	126	126	126	125	125	127	128
T2R	4000K Lumens	7,977	15,854	23,535	31,188	39,482	46,751	54,913	63,663	71,472
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	123	127	128	127	128	127	127	129	129
T3	4000K Lumens	7,762	15,427	22,901	30,348	38,418	45,491	53,433	61,947	69,546
	BUG Rating	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B4-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	119	123	124	124	124	124	123	126	126
T3R	4000K Lumens	8,010	15,920	23,632	31,317	39,645	46,944	55,139	63,925	71,767
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	123	127	128	128	128	128	127	130	130
T4FT	4000K Lumens	7,810	15,522	23,043	30,535	38,655	45,772	53,763	62,330	69,976
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	120	124	125	125	125	124	124	126	127
T4W	4000K Lumens	7,833	15,568	23,110	30,625	38,769	45,907	53,921	62,513	70,182
	BUG Rating	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	121	125	126	125	125	125	125	127	127
SL2	4000K Lumens	7,813	15,528	23,052	30,547	38,670	45,790	53,784	62,354	70,003
	BUG Rating	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	120	124	125	125	125	124	124	126	127
SL3	4000K Lumens	7,758	15,419	22,889	30,332	38,398	45,468	53,406	61,916	69,511
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	119	123	124	124	124	124	123	126	126
SL4	4000K Lumens	7,662	15,228	22,605	29,955	37,921	44,903	52,742	61,146	68,646
	BUG Rating	B1-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5
	Lumens per Watt	118	122	123	122	123	122	122	124	124
5NQ	4000K Lumens	8,169	16,235	24,101	31,938	40,431	47,874	56,232	65,193	73,190
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4
	Lumens per Watt	126	130	131	130	131	130	130	132	133
5MQ	4000K Lumens	8,210	16,316	24,221	32,097	40,632	48,113	56,512	65,517	73,554
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	126	131	132	131	131	131	131	133	133
5WQ	4000K Lumens	8,192	16,282	24,170	32,029	40,546	48,011	56,393	65,379	73,399
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	126	130	131	131	131	130	130	133	133
SLL/SLR	4000K Lumens	6,747	13,410	19,906	26,379	33,394	39,542	46,445	53,846	60,451
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5
	Lumens per Watt	104	107	108	108	108	107	107	109	110
RW	4000K Lumens	8,076	16,050	23,826	31,574	39,970	47,329	55,592	64,450	72,356
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5
	Lumens per Watt	124	128	129	129	129	129	128	131	131
AFL	4000K Lumens	7,904	15,709	23,320	30,902	39,120	46,323	54,410	63,079	70,817
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G4	B4-U0-G4	B4-U0-G4
	Lumens per Watt	122	126	127	126	127	126	126	128	128

* Nominal data for 70 CRI. ** For additional performance data, please reference the Galleon Supplemental Performance Guide.

Control Options

0-10V (DIM)

This fixture is offered standard with 0-10V dimming driver(s). The DIM option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

Photocontrol (BPC, PR and PR7)

Optional button-type photocontrol (BPC) and photocontrol receptacles (PR and PR7) provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PR7 receptacle.

After Hours Dim (AHD)

This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a "dusk-to-dawn" period has been calculated from the photocontrol input. Specify the desired dimming profile for a simple, factory-shipped dimming solution requiring no external control wiring. Reference the After Hours Dim supplemental guide for additional information.

Dimming Occupancy Sensor (SPB and MS/DIM-LXX)

These passive infrared (PIR) sensors are factory installed in the luminaire housing. When the SPB (FSP-321 or FSP-311) or MS/DIM (FSP-211) sensor options are selected, the occupancy sensor is connected to a dimming driver and the luminaire dims when no motion is detected. After a set period of time, the luminaire turns off, and when motion is detected, the luminaire returns to full light output. Both sensors are factory preset to dim down to approximately 10% power with a time delay of five minutes. The MS/DIM sensor requires the FSIR-100 programming tool to adjust factory defaults. The SPB sensor default parameters are listed in the table below and can be configured utilizing the Sensor Configuration mobile application for iOS and Android devices. The SPB/X is configured to control only the specified number of light squares (See SPB/X Availability Table below.) An integral photocontrol can be activated with the app for "dusk-to-dawn" control or daylight harvesting - the factory default is off. Four sensor colors are available; Bronze, Black, Gray and White, and are automatically selected based on the luminaire finish as indicated by the table below.

SPB sensor finish matched to luminaire finish		
Luminaire Finish		SPB Sensor Finish*
WH	White	White
BK	Black	Black
GM	Graphite Metallic	Black
BZ	Bronze	Bronze
AP	Gray	Gray
DP	Dark Platinum	Gray

*SPB bezel color automatically selected based on luminaire finish

SPB/X Availability Table	
Fixture Square Count	Available SPB/X Square Count
1	Not Available
2	Not Available
3	Not Available
4	2
5	2 or 3
6	3
7	2, 3, 4 or 5
8	2, 3, 5 or 6
9	3 or 6

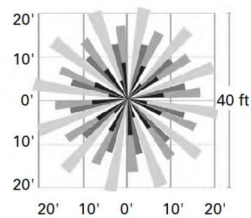
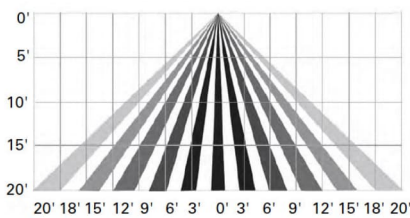
Default Program Settings (Out of the Box Functionality)

Occupancy Sensor				
Setting	MS/DIM	SPB	WaveLinX Lite (WOF / WOB)	WaveLinX (SWPD)
High Mode %	100%	100%	100%	100%
Low Mode %	10%	10%	50%	50%
Time Delay	5 min	5 min	15 min	15 min
Cut Off Delay	1 hr	1 hr	Disabled	Disabled
Photocell Enabled	No	No	Yes	Yes

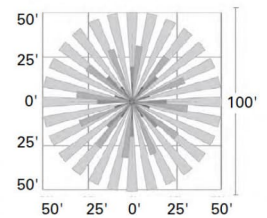
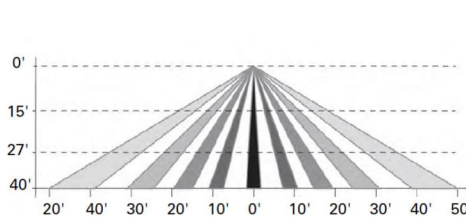
WaveLinX Wireless Control and Monitoring System

Operates on a wireless mesh network based on IEEE 802.15.4 standards enabling wireless control of outdoor lighting. WaveLinX and WaveLinX Lite sensors utilize the Zhaga Book 18 compliant 4-PIN receptacle (ZD or ZW), while the WOLC control module utilizes a 7-PIN receptacle. ZW option provides 4-PIN receptacle and control module to enable future installation of WaveLinX sensors. ZD option provides 4-PIN receptacle and sensor-ready (SR) driver to enable future installation of WaveLinX sensors, power monitoring, and advanced functionality. WaveLinX (SWPD4 to SWPD5) outdoor wireless sensors offer passive infrared (PIR) occupancy and photocell for closed loop daylight harvesting, and can be factory or field-installed. Sensors are factory preset to dim down to 50% after 15 minutes of no motion detected. Two lens options are available for mounting heights of 7' to 40'. Use the WaveLinX mobile application for set-up and configuration. At least one Wireless Area Controller (WAC) is required for full functionality and remote communication (including adjustment of any factory pre-sets). WaveLinX Lite (WOF and WOB) outdoor wireless sensors provide PIR occupancy and photocell for closed loop daylight harvesting, and can be factory or field-installed. Sensors are factory preset to dim down to 50% after 15 minutes of no motion detected. Two lens options are available for mounting heights of 7' to 40'. Use the WaveLinX Lite mobile application for set-up and configuration. WAC not required. WaveLinX Outdoor Control Module (WOLC-7P-10A) accessory provides a photocontrol enabling astronomic or time-based schedules to provide ON, OFF and dimming control of fixtures utilizing a 7-PIN receptacle. The out-of-box functionality is ON at dusk and OFF at dawn.

For mounting heights up to 15' (SWPD4 and WOB)



For mounting heights up to 40' (SWPD5 and WOF)



LumenSafe Integrated Network Security Camera (LD)

Cooper Lighting Solutions brings ease of camera deployment to a whole new level. No additional wiring is needed beyond providing line power to the luminaire. A variety of networking options allows security integrators to design the optimal solution for active surveillance. As the ideal solution to meet the needs for active surveillance, the LumenSafe integrated network camera is a streamlined, outdoor-ready fixed dome that provides HDTV 1080p video. This IP camera is optimally designed for deployment in the video management system or security software platform of choice.

Synapse (DIM10)

SimplySNAP integrated wireless controls system by Synapse. Includes factory installed DIM10 Synapse control module and FSP-201 motion sensor; requires additional Synapse system components for operation. Contact Synapse at www.synapsewireless.com for product support, warranty and terms and conditions.