



AGENDA

ARCHITECTURAL REVIEW BOARD MEETING

Conference Room 102-103
Thursday, February 12, 2026
5:30 PM

I. CALL TO ORDER

II. APPROVAL OF MEETING SUMMARY

A. January 15, 2026

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.
- 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.
- 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.
- 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.

V. OTHER

VI. ADJOURNMENT

*PC Liaison Allison Harris 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.



THE CITY OF CHESTERFIELD
ARCHITECTURAL REVIEW BOARD
THURSDAY – JANUARY 15, 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 Mehrstens

ABSENT:

ALSO IN ATTENDANCE:

Mayor Dan Hurt
Councilmember Mary Ann Mastorakos
Councilmember Merrell Hansen
Councilmember Patricia Tocco
Planning Commission Liaison, Steve Wuennenberg
Ms. Alyssa Ahner, Senior Planner/Staff Liaison
Ms. Shilpi Bharti, Planner

I. CALL TO ORDER

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

II. APPROVAL OF MEETING SUMMARY

A. November 13, 2025

Board Member Mehrstens made a motion to approve the meeting summary as written. Board Member Lavrich seconded the motion. The motion passed by a voice vote of 6-0.

III. UNFINISHED BUSINESS

- A. Chabad of Chesterfield:** Amended Architectural Elevations for a proposed building for Chabad of Chesterfield located on a 1.49-acre tract of land, zoned "PC" Planned Commercial District.

STAFF PRESENTATION

Ms. Shilpi Bharti, Planner provided background and a development timeline for the proposed Jewish facility.

CHANGES SINCE OCTOBER 2025

- The applicant has updated the building elevations and provided a sight diagram for the rooftop mechanical equipment.
- The revised elevations now include additional brickwork and a sunshade on the south elevation facing I-64.
- Four (4) glass windows on the east elevation facing Chesterfield Parkway East.
- EIFS has been added to the west elevation.

The architect was available to answer questions and identify the material samples. No color changes.

DISCUSSION

During discussion the following information was provided.

- Typo to the notation of "Paint Type B".
- Preference for the metal door to match the field location. Exit only door with no outside hardware.
- Suggestion to add mullions to the three (3) windows facing I-64.
- Playground area security fence was discussed. The applicant is applying for a Homeland Security Grant.
- Add articulation to the wing wall along the southeast elevation.
- Identified location of the natural drain.

Motion

Vice-Chair Starling made a motion to forward **Chabad of Chesterfield**, with a recommendation to approve with the following conditions:

- The hollow metal exterior doors painted to match the field in which they are located on.
- Add mullions to the three windows along I-64.
- Add articulation to the wing wall along the southeast elevation.
- Submit playground screen wall design to City for review if modified.

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

IV. NEW BUSINESS

- A. **Chesterfield Village Mall**: An Amended Site Development Concept Plan, Landscape Plan, and Lighting Plan for a 96-acre tract of land zoned "PC&R" Planned Commercial and Residential District located on the south side of Interstate 64, east of Chesterfield Parkway.

STAFF PRESENTATION

Ms. Alyssa Ahner, Senior Planner provided a timeline and site progress since 2024 for the area commonly known as Chesterfield Mall. Modifications that pertain to ARB review are as follows:

- *Removal of the grand staircase from the developer's construction obligations.*
 - The developer will convey lot 3A to the city in addition to a payment to assist with design and engineering services of a grand entry. The city will then be tasked with the design and construction.
- *Modification to the four (4) raised intersections and roundabouts.*
 - Staff requested further construction specifications to ensure long term viability and maintenance and it was determined that stamped concrete may be a more feasible option given the anticipated traffic load.
- *Revised streetscape landscape plan.*
 - The landscape architect for the development has changed hands. Due to this, a new landscape plan for the streetscape plantings has been compiled. The main change from the previous landscape plan is the type/species of trees and plants being proposed.

Representatives of the Staenberg Group were available to answer questions.

DISCUSSION

During discussion the following information was provided.

- Project and infrastructure progression.
- Residential single family is not under ARB purview.
- Tree grate material and maintenance.
- Feasibility of obtaining samples of the stamped concrete for review. Must match what was originally presented.

Motion

Board Member Mehrtens made a motion to forward Chesterfield Village Mall to Planning Commission with a recommendation of approval with the following condition:

- The raised intersections and roundabouts will be constructed with stamped concrete with the look of pavers in the same shape, size, color, and variation as shown in the design packet dated 12/29/25.

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

After the Motion

The conversation continued with Mayor Hurt's desire for ARB to review the future design of the grand staircase. Councilmember Hansen then shared her perspective on the staircase.

V. OTHER

VI. ADJOURNMENT 6:35 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: February 12, 2026

From: Isaak Simmers, Planner

Location: 16632 Old Chesterfield Rd

Description: **Burkhardt Place, Lot 4 (16632 Old Chesterfield Rd):** Amended Architectural Elevations and Architect's 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.

PROPOSAL SUMMARY

Lauren Strutman, in partnership with MB Engineering, Inc., submitted Amended Architectural Elevations and an Architect's Statement of Design for Burkhardt Place subdivision, Lot 4 (16632 Old Chesterfield Road). Lauren Strutman purchased the property in April 2025 with the intent of improving the "Old Chesterfield" area.

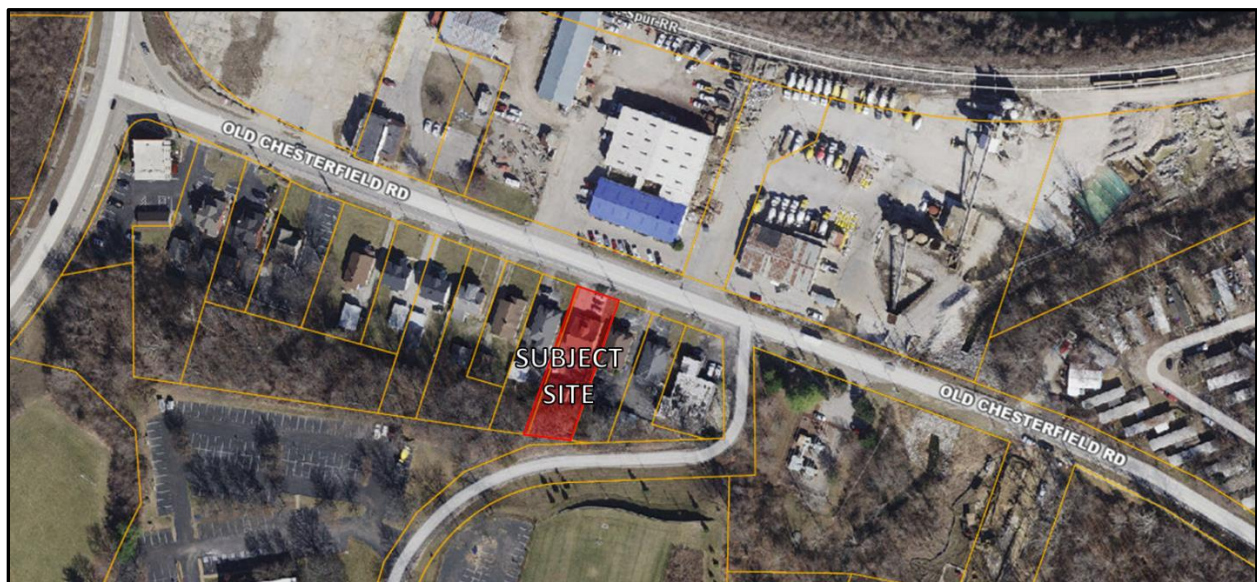


Figure 1: Subject Site

SITE HISTORY

The subject site was zoned “NU” (Non-Urban District) prior to the incorporation of the City of Chesterfield, and rezoned to “PC” Planned Commercial with a Landmark & Preservation Area (LPA) overlay in January 2026. Per the applicant, the subject site was previously classified as Non-Contributing on the National Register of Historic Places for the Burkhardt Historic District. This designation resulted from numerous alterations made by the previous owner that were determined to be detrimental to the historic character of the surrounding streetscape. Per the applicant, the previous owner held the property for over 40 years and made significant alterations to the residence in the early 1980s to achieve a more contemporary design. Many of these exterior alterations have recently been removed, and additional work is planned to further reverse the non-historic modifications. As a result, the building’s status was officially changed from Non-Contributing to Contributing by the State Historic Preservation Office and the National Park Service in Washington, D.C., in September 2025.

Existing Conditions

The image to the right depicts the existing building view from northeast. The image to the left depicts the existing building view from the southwest.



Figure 2: Right, north elevation. Left, south elevation

ELEVATIONS

The modifications included in this Amended Architectural Elevation request involve repairs to the existing brick. Per the applicant, this work will be completed by a masonry restoration company, and any replacement brick has been sourced to match the original. The existing stucco finish on the dormer and above the porch beam will be repaired and restored. Windows will be replaced to match the original house, and an additional seven (7) windows will be added to the right and rear elevations. A new front door and roof will be installed, and the existing chimney will be repaired or refreshed as required.

Materials



Figure 3: Right, masonry, brick. Middle, stucco finish.
Left, James Hardie smooth finish horizontal lap siding.

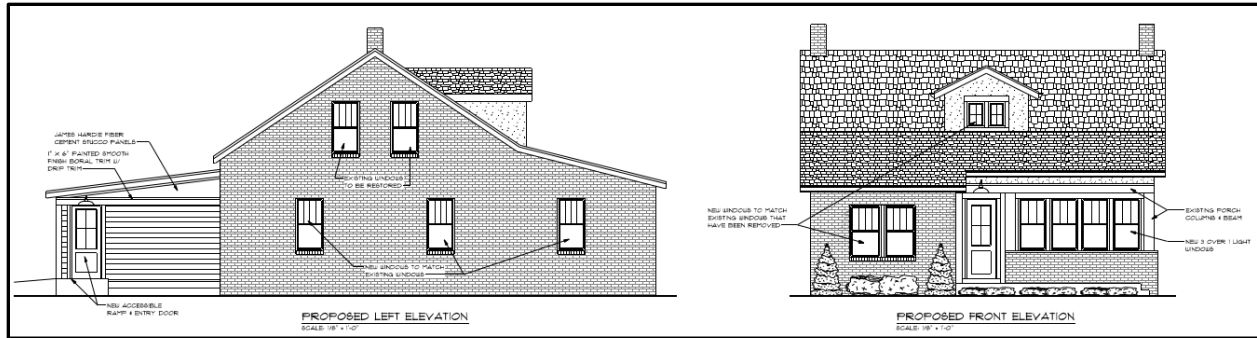


Figure 4: Right, west elevation. Left, north elevation.

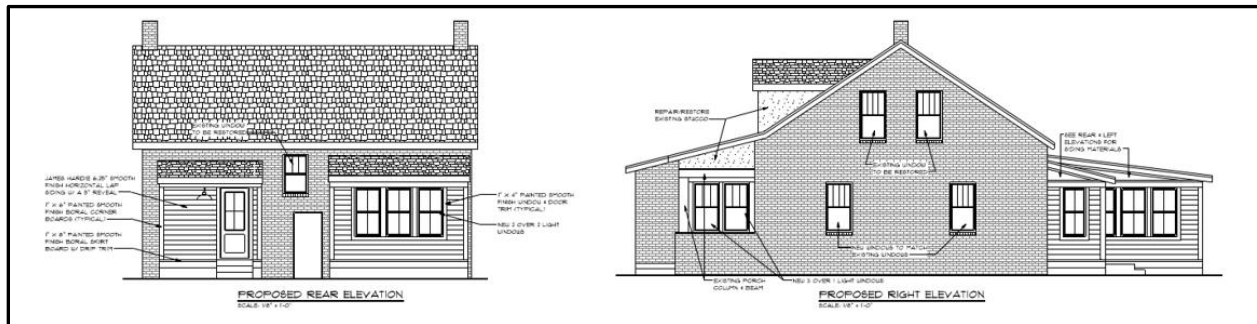


Figure 5: Right, south elevation. Left, east elevation.

RENDERING

Per the applicant, the horizontal lines in the color rendering depict the yellow brick on the house and do not represent siding. There are vertical lines between each brick that are not depicted in the rendering. Stucco is located above the horizontal porch beams on the front and right sides of the house, as depicted, as well as on the dormer.



ADDITIONAL INFORMATION

Landscaping

Although not included in the review of the Elevations, the applicant provided a partial colored site plan that depicts a minor refurbishment to the sites landscaping, see figure 6. The proposed landscaping includes a mixture of shrubs, bushes, and grasses with a mulch bed.

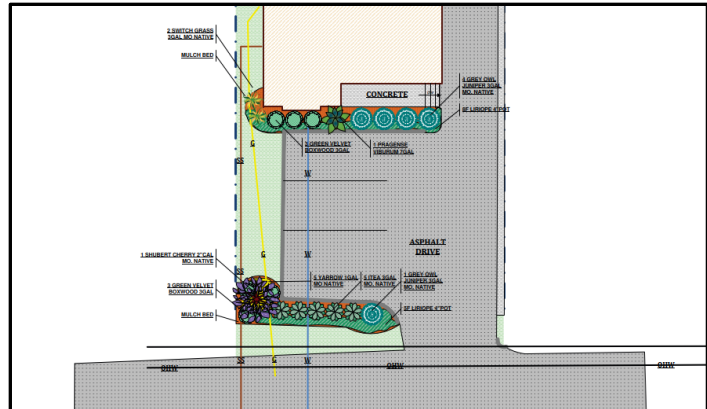


Figure 6: Partial colored site plan, refurbished landscape

Lighting

The applicant has proposed a new light fixture above each first floor door which will be visible from the front, rear, and left elevations. See figure 7.



Figure 7: Proposed light fixture

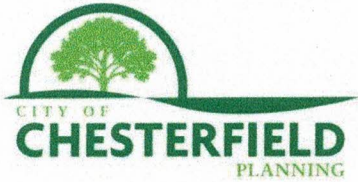
MOTION

Staff has completed review of the Amended Architectural Elevations and requests action on Burkhardt Place, Lot 4 (16632 Old Chesterfield Rd) 2026 AAE. The following options have been provided to the Commission for your consideration relative to this petition:

- “I move to make a recommendation to approve (or deny) Burkhardt Place, Lot 4 (16632 Old Chesterfield Rd), as presented.”
- “I move to make a recommendation to approve Burkhardt Place, Lot 4 (16632 Old Chesterfield Rd) with the following conditions...”

Attachments

1. Architect’s Statement of Design
2. ARB Submittal
3. Historic Registry Listing



ARCHITECTURAL REVIEW BOARD

Project Statistics & Checklist

Prior to submission, please review [Section 405.04.010 Architectural Review Design Standards](#), [Section 405.10.060 Architectural Terms](#), and [Site & Building Design](#) to ensure a sufficient submittal. Should you have any questions, please contact the Planner of the Day at POD@chesterfield.mo.us or 636-537-4733.

Project Title: ANDREW + GEORGIA FICK HOUSE Location: 16632 OLD CHESTERFIELD RD.

Developer: LAUREN STRUTMAN Architect: LAUREN STRUTMAN Engineer: MBENGINEERING INC.

PROJECT STATISTICS:

Size of site (in acres): .23 AC Total Square Footage: 1936 SQ FT Building Height: ± 24'

Proposed Usage: OFFICE OR NEIGHBORHOOD RETAIL

Exterior Building Materials: BRICK, STUCCO, FIBER CEMENT SIDING

Roof Material & Design: CERTAINTED LANDMARK PRO ARCHITECTURAL SHINGLES

Screening Material & Design: _____

Description of architecturally significant features (as applicable):

SEE ARCHITECTS STATEMENT OF DESIGN

When an application is required to be reviewed by ARB, the following shall be submitted in an 11x17 format:

- ☐ Color site plan with contours, site location map, and identification of adjacent uses.
- ☐ Color elevations for all building faces.
- ☐ Color rendering or model reflecting proposed topography. **Note: Renderings should provide a realistic representation of the proposed development and sign content should not be present.**
- ☐ Photos reflecting all views of adjacent uses and sites.
- ☐ Details of screening and retaining walls.
- ☐ Section plans highlighting any building off-sets.
- ☐ Architect's Statement of Design which clearly identifies how each section in the [design standards](#) has been addressed and the intent of the project.
- ☐ Landscape plan.
- ☐ Lighting cutsheets for any proposed building lighting fixtures.
- ☐ Large exterior material samples.
- ☐ Any other exhibits which would aid understanding of the design proposal as required by the City.
- ☐ Electronic files of each document required shall also be submitted in a format as specified by the City.



January 23, 2026

Design Statement for 16632 Old Chesterfield Road, the Andrew and Georgia Fick House

I purchased this building in April of 2025 with the intent of improving the "Old Chesterfield" area, which I have been a part of for 26 years. The existing condition of the building, and numerous alterations to it, made this building a detriment to the existing historic streetscape. The previous owner owned the property for over 40 years, and altered the house in the early 1980's to try to make it appear to be a contemporary design. Original windows, doors and millwork were removed, diagonal cedar siding was attached and glued to the existing brick and stucco exterior of the house. A number of years after that, yellow vinyl siding, and white aluminum trim were then applied to the house, over the top of the cedar.

When the "Burkhardt Historic District" was listed on The National Register of Historic Places in 2006, the building was listed as "Non Contributing" to the district due to the numerous changes that had been made to it. Many of the previous alterations on the exterior of the house have recently been removed, and additional work is planned to reverse the non historic alterations. Due to this, and after a lengthy application process, the building's status was changed by the State Historic Preservation office, and the National Park Service in Washington DC, to be listed on the National Register of Historic places on 9/22/2025. The existing brick work will be restored and repaired by a competent masonry restoration company, existing original windows will be restored, and non historic windows will be replaced to match the original windows. Existing stucco work on the enclosed front porch, and the existing porch columns and beams will be restored.

The restoration and adaptive re-use of this building for office or small scale retail is consistent with the zoning and uses surrounding the building. The house has been used for over 40 years for office use, and prior to this was used a beauty salon for approximately 30 years, but it was never zoned or remodeled for these uses. The parking lot is existing. The building will be brought up to current St. Louis County codes for the proposed uses. No trees are planned to be disturbed or removed. I appreciate your time and consideration of my request.

Thanks,

Lauren Strutman



OLD PHOTO



PHOTO FROM APRIL 2025



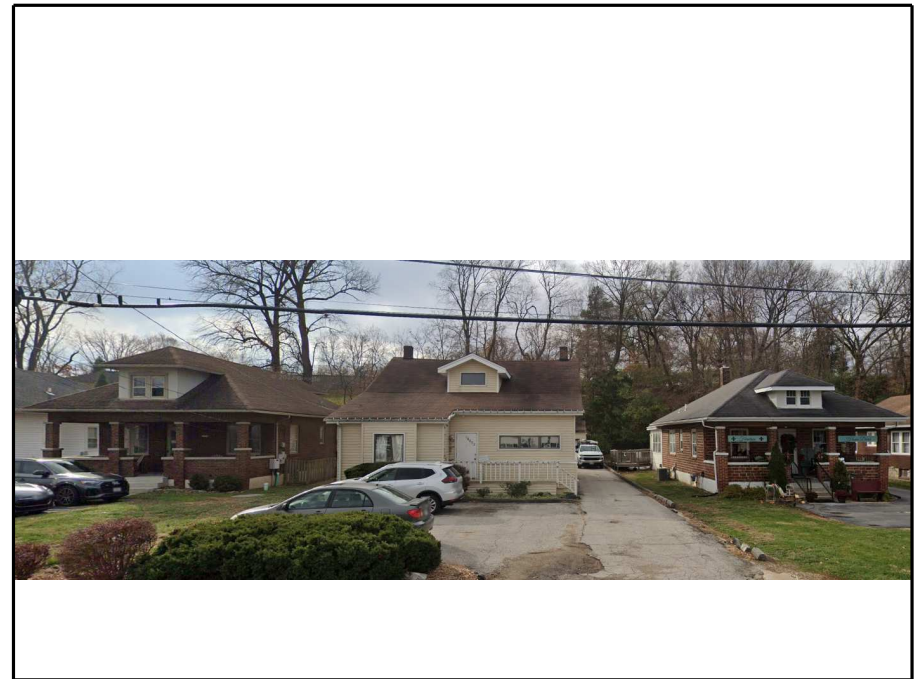
EXISTING BUILDING
VIEW FROM NORTHEAST



EXISTING BUILDING
VIEW FROM NORTHWEST



EXISTING BUILDING
VIEW FROM SOUTHWEST



APRIL 2025 FRONT
VIEW INCLUDING NEIGHBORS

PHOTOGRAPHY OF EXISTING PROPERTY

LAUREN STRUTMAN
- ARCHITECT
NO. A-5288

The professional whose signature and personal seal appear above assumes responsibility only for what appears on this page and does not assume responsibility for all other plans, specifications, estimates, reports, or other documents or instruments not sealed by the undersigned professional relating to or intended to be used for any part or parts of the project to which this page refers.

16632 OLD CHESTERFIELD RD.
CHESTERFIELD, MO 63017

LAUREN STRUTMAN
- ARCHITECTS P.C.
16676 OLD CHESTERFIELD RD. • CHESTERFIELD, MO 63017
PHONE: (636) 531-0880 • FAX: (636) 531-1021
EMAIL: LAUREN@LSA-511.COM
LAUREN STRUTMAN ARCHITECTS, P.C.
MISSOURI STATE CERTIFICATE OF AUTHORITY • A-200014681D

REVISIONS

DRAWN BY: R.E.W.

JOB NO. _____

DATE: 1/22/2026

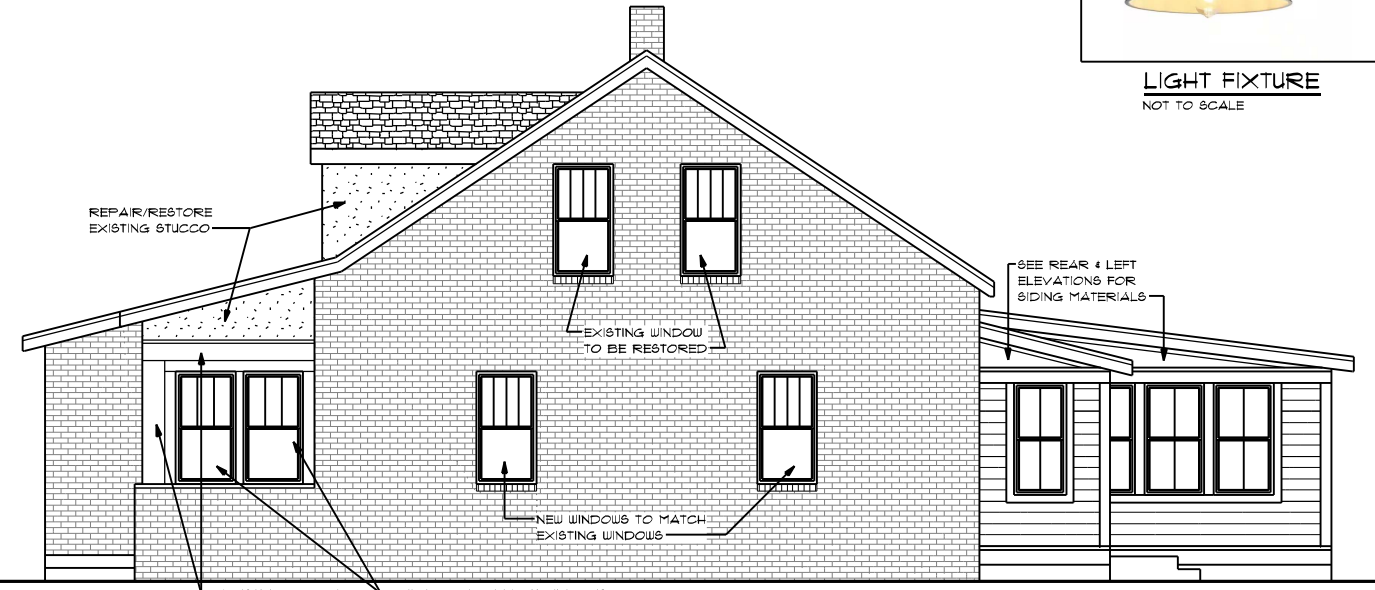
SHEET: _____



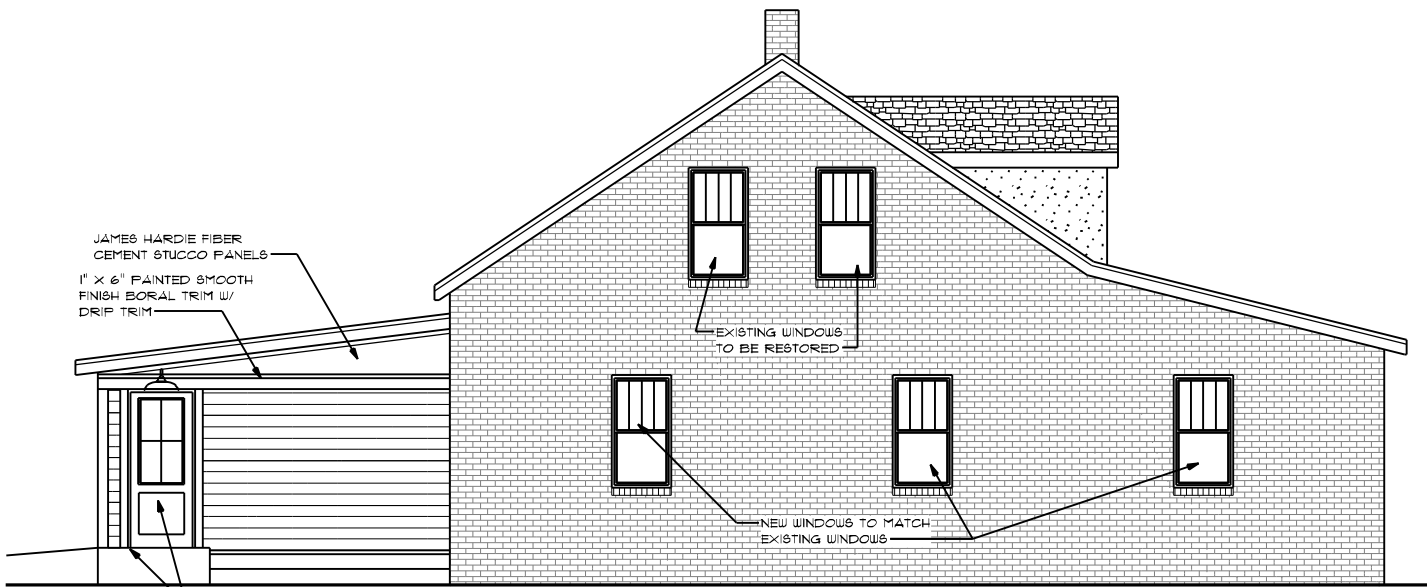
LIGHT FIXTURE
NOT TO SCALE



PROPOSED REAR ELEVATION
SCALE: 1/8" = 1'-0"



PROPOSED RIGHT ELEVATION
SCALE: 1/8" = 1'-0"



PROPOSED LEFT ELEVATION
SCALE: 1/8" = 1'-0"



PROPOSED FRONT ELEVATION
SCALE: 1/8" = 1'-0"

NOTES FOR FRONT ELEVATION

1. EXISTING BRICK WORK SHALL BE REPAIRED AS REQUIRED.
2. EXISTING STUCCO FINISH ON DORMER & ABOVE PORCH BEAM SHALL BE REPAIRED & RESTORED.
3. WINDOWS SHALL BE REPLACED TO MATCH ORIGINAL HOUSE & A NEW FRONT DOOR SHALL BE INSTALLED.
4. NEW ROOF SHALL BE INSTALLED & EXISTING CHIMNEYS REPAIRED/REFLASHED AS REQUIRED.

LAUREN STRUTMAN
- ARCHITECT
NO. A-5288

The professional whose signature and personal seal appear above assumes responsibility only for what appears on this page and does not assume responsibility for all other plans, specifications, estimates, reports, or other documents or instruments not sealed by the undersigned professional relating to or intended to be used for any part or parts of the project to which this page refers.

16632 OLD CHESTERFIELD RD.
CHESTERFIELD, MO 63017

LAUREN STRUTMAN
ARCHITECTS P.C.

16616 OLD CHESTERFIELD RD. • CHESTERFIELD, MO 63017
PHONE: (636) 531-0880 • FAX: (636) 531-1021
EMAIL: LAUREN@LSA-ATL.COM

LAUREN STRUTMAN ARCHITECTS, P.C.
MISSOURI STATE CERTIFICATE OF AUTHORITY • A-200014651-D

REVISIONS

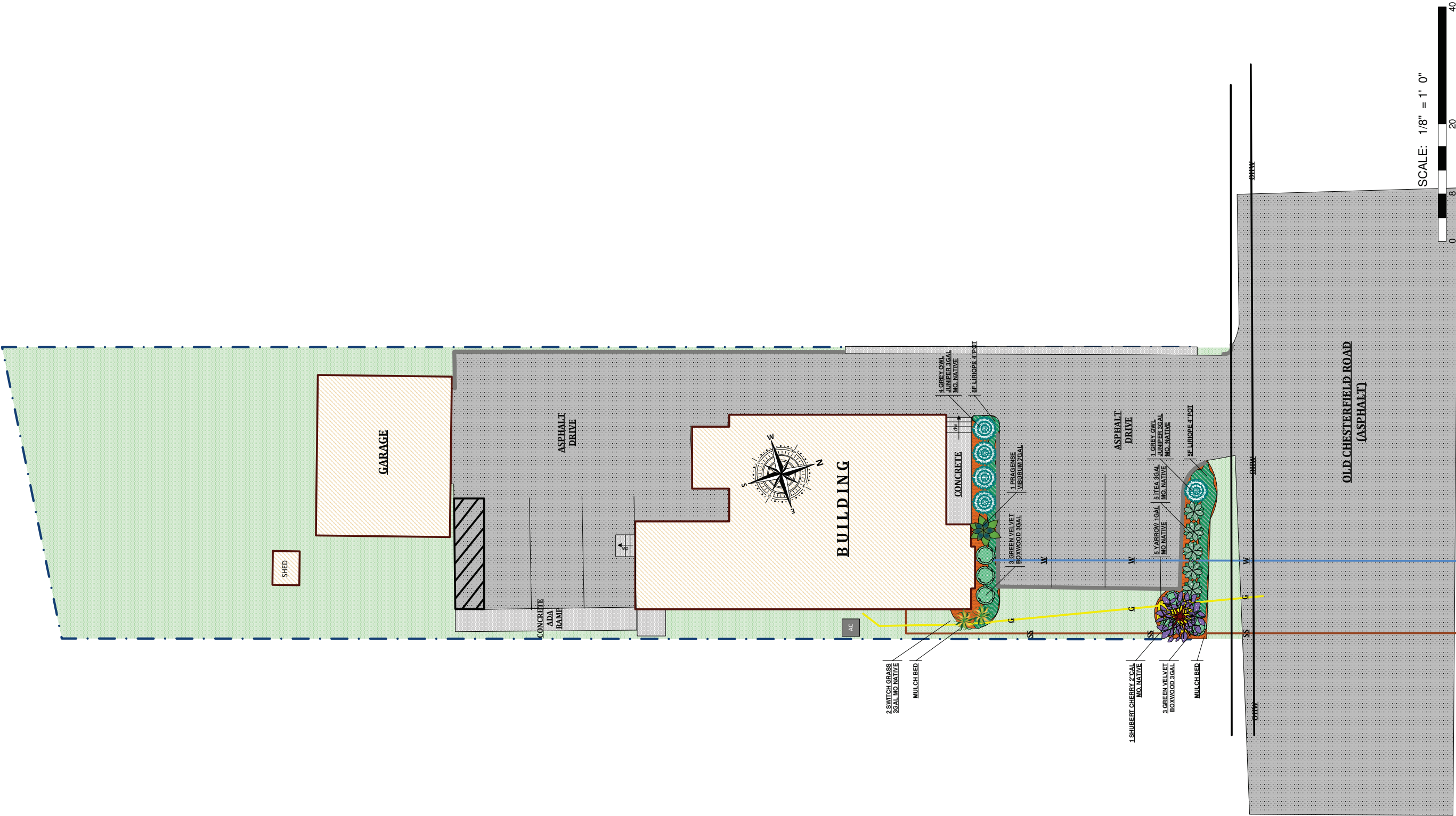
DRAWN BY: R.E.W.

JOB NO. _____

DATE: 1/23/2026

SHEET:





L1

LANDSCAPE DEVELOPMENT PLAN FOR
LAUREN STRUTMAN
16632 Old Chesterfield Rd.
Chesterfield, Mo. 63017

THE PROFESSIONALS
"Where Quality is Foremost"

BAXTER GARDENS
Chesterfield

17259 Wilshire Creek Road
Chesterfield, MO 63005
(636) 532-1053 FAX (636) 532-1258
www.baxtergardens.com

DESIGNED BY: Bill Weishaar
ORIGINAL DATE: 1/22/26
REVISION DATE:
GRAPHIC ART: whw



HISTORIC PRESERVATION CERTIFICATION APPLICATION
PART 1 – EVALUATION OF SIGNIFICANCE

2025-052

Instructions: This page must bear the applicant's original signature and must be dated. The National Park Service certification decision is based on the descriptions in this application form. In the event of any discrepancy between the application form and other, supplementary material submitted with it (such as architectural plans, drawings and specifications), the application form takes precedence. A copy of this form will be provided to the Internal Revenue Service.	NPS Project Number 49854
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1. **Historic Property Name** Andrew and Georgia Fick House
Street 16632 Old Chesterfield Road
City Chesterfield **County** St. Louis County **State** MO **Zip** 63017
Name of Historic District or National Register property Burkhardt Historic District (Boundary Increase 1)
☒ National Register district ☐ certified state or local district ☐ potential district ☐ National Register property

2. **Nature of Request** (check only one box)
☒ certification that the building contributes to the significance of the above-named historic district or National Register property for rehabilitation purposes.
☐ certification that the building contributes to the significance of the above-named historic district for a charitable contribution for conservation purposes.
☐ certification that the building does not contribute to the significance of the above-named district or National Register property.
☐ preliminary determination for individual listing in the National Register.
☐ preliminary determination that a building located within a potential historic district contributes to the significance of the district.
☐ preliminary determination that a building outside the period or area of significance contributes to the significance of the district.

3. **Project Contact** (if different from applicant)
Name Debbie Sheals **Company** Building Preservation LLC
Street 29 S. 9th St., Suite 210 **City** Columbia **State** MO
Zip 65201 **Telephone** (573) 874-3779 **Email Address** debsheals@gmail.com

4. **Applicant**
I hereby attest that the information I have provided is, to the best of my knowledge, correct. I further attest that [check one or both boxes, as applicable]:
☒ I am the owner of the above-described property within the meaning of "owner" set forth in 36 CFR § 67.2 (2011), and/or
☐ if I am not the fee simple owner of the above described property, the fee simple owner is aware of the action I am taking relative to this application and has no objection, as noted in a written statement from the owner, a copy of which (i) either is attached to this application form and incorporated herein, or has been previously submitted, and (ii) meets the requirements of 36 CFR § 67.3(a)(1) (2011).
For purposes of this attestation, the singular shall include the plural wherever appropriate. I understand that knowing and willful falsification of factual representations in this application may subject me to fines and imprisonment under 18 U.S.C. § 1001, which, under certain circumstances, provides for imprisonment of up to 8 years.
Name Lauren Strutman Trustee **Signature** *Lauren Str* **Date** 8/19/2025
Applicant Entity Owner **SSN** 491-72-6516 **or TIN** _____
Street 16120 Walnut Hill Farm Drive **City** Chesterfield **State** MO
Zip 63005 **Telephone** (636) 778-7015 **Email Address** Laurens@Lsa-stl.com

NPS Official Use Only

The National Park Service has reviewed the Historic Preservation Certification Application – Part 1 for the above-named property and has determined that the property:

☒ contributes to the significance of the above-named district or National Register property and is a "certified historic structure" for rehabilitation purposes.
☐ contributes to the significance of the above-named district and is a "certified historic structure" for a charitable contribution for conservation purposes.
☐ does not contribute to the significance of the above-named district or National Register property.

Preliminary Determinations:

☐ appears to meet the National Register Criteria for Evaluation and will likely be listed in the National Register of Historic Places if nominated by the State Historic Preservation Officer according to the procedures set forth in 36 CFR Part 60.
☐ does not appear to meet the National Register Criteria for Evaluation and will likely not be listed in the National Register.
☐ appears to contribute to the significance of a potential historic district, which will likely be listed in the National Register of Historic Places if nominated by the State Historic Preservation Officer.
☐ appears to contribute to the significance of a registered historic district if the period or area of significance as documented in the National Register nomination or district documentation on file with the NPS is expanded by the State Historic Preservation Officer.
☐ does not appear to qualify as a certified historic structure.

Date _____ National Park Service Authorized Signature _____

☒ NPS Comments Attached

Supplementary Listing Record

NRIS Reference Number: 06000330

Date Listed:

Property Name: Burkhardt Historic District (Boundary Increase)

County: St. Louis

State: MO

This Property is listed in the National Register of Historic Places in accordance with the attached nomination documentation subject to the following exceptions, exclusions, or amendments, notwithstanding the National Park Service certification included in the nomination documentation

Roger J. Reed

Signature of the Keeper

September 22, 2025

Date of Action

=====
Amended Items in Nomination:

Description Section 7

Andrew Fick House, 16632 Old Chesterfield Rd.

Built circa 1930, the property is within the period of significance of 1918-1946 under Criterion A for Community Planning & Development and C for Architecture. The 2006 boundary expansion lists this property as noncontributing due to nonhistoric alterations. In particular, the enclosure of the front porch, alterations to windows, and application of cedar siding. Subsequently, vinyl siding was added, including over sections of brick walls on the front bay. In 2025, vinyl siding was removed, the original porch corner post exposed, and the double window opening in the front bay restored. Although rehabilitation work has not been completed, the house retains sufficient integrity in terms of character-defining features as a bungalow in a block of bungalows.

The property now contributes to the historic district.

Tax Credit Project #49854.

DISTRIBUTION:

National Register property file

Nominating Authority (without nomination attachment)

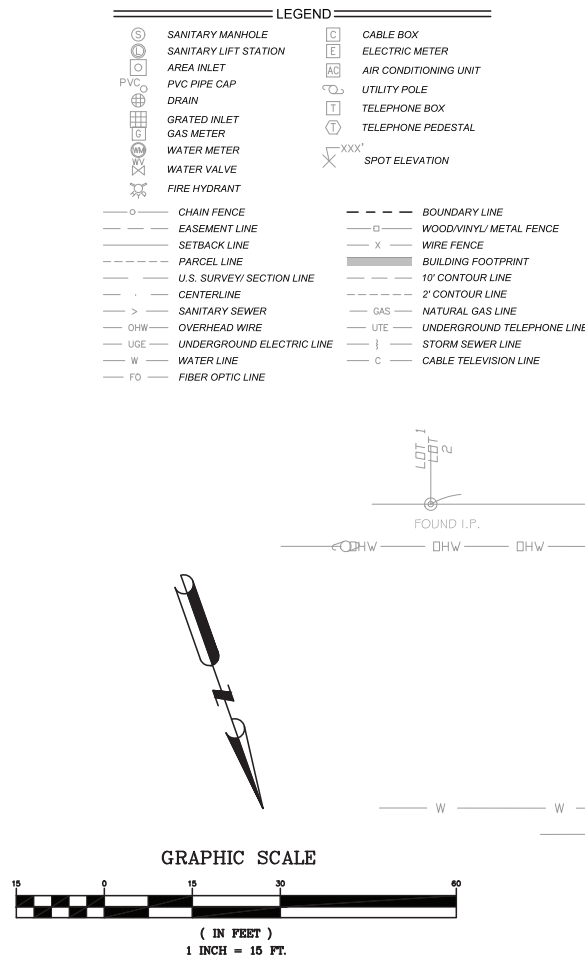
Michael A. Buescher, P.E. Civil Engineering
Missouri P.E. E-2001018714

MB Engineering, Inc. Missouri Authority No.
E-2015041404

The Professional Engineer's seal affixed to this sheet indicates that the named Engineer has prepared or directed the preparation of the material shown only on this sheet. Other drawings and documents not exhibiting this seal shall not be considered prepared by or the responsibility of the undersigned.



1. NOTIFY THE CITY OF CHESTERFIELD DEPARTMENT OF PLANNING, PUBLIC WORKS & PARKS (636-537-4761) 48 HOURS PRIOR TO THE COMMENCEMENT OF GRADING AND/OR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
2. PARKING ON NON-SURFACED AREAS IS PROHIBITED IN ORDER TO ELIMINATE THE CONDITION WHEREBY MUD FROM CONSTRUCTION AND EMPLOYEE VEHICLES IS TRACKED ONTO THE PAVEMENT CAUSING HAZARDOUS ROADWAY AND DRIVING CONDITIONS.
3. THE STREETS SURROUNDING THIS DEVELOPMENT AND ANY STREET USED FOR CONSTRUCTION ACCESS THERETO SHALL BE KEPT FREE FROM MUD AND CONSTRUCTION DEBRIS AND SHALL BE CLEANED THROUGHOUT THE DAY.
4. ALL FILLS PLACED UNDER PROPOSED STORM AND SANITARY SEWER LINES AND/OR PAVED AREAS, INCLUDING TRENCH BACKFILLS WITHIN AND OFF THE ROAD RIGHT-OF-WAY, SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY THE "MODIFIED ASPHTO-1-100COMPACTION TEST" (ASTM D-1557) FOR THE ENTIRE DEPTH OF THE FILL. COMPACTED GRANULAR BACKFILL IS REQUIRED IN ALL TRENCH EXCAVATION WITHIN THE STREET RIGHT-OF-WAY AND UNDER ALL PAVED AREAS. ALL TESTS SHALL BE PERFORMED UNDER THE DIRECTION OF AND VERIFIED BY A SOILS ENGINEER CONCURRENT WITH GRADING AND BACKFILLING OPERATIONS.
5. SOFT SOILS FROM THE BOTTOM AND BANKS OF ANY EXISTING OR FORMER POND SITES OR TRIBUTARIES OR ANY SEDIMENT BASINS OR TRAPS SHALL NOT BE PLACED IN PROPOSED PUBLIC RIGHT-OF-WAY LOCATIONS OR IN ANY STORM SEWER LOCATION.
6. ALL TRASH AND DEBRIS ON-SITE, EITHER EXISTING OR FROM CONSTRUCTION, MUST BE REMOVED AND PROPERLY DISPOSED OF OFF-SITE.
7. DEBRIS AND FOUNDATION MATERIAL FROM ANY EXISTING ON-SITE BUILDING OR STRUCTURE WHICH IS SCHEDULED TO BE RAZED FOR THIS DEVELOPMENT MUST BE PROPERLY DISPOSED OF OFF-SITE.
8. ANY WELLS, CISTERNS AND/OR SPRINGS, WHICH MAY EXIST ON THIS PROPERTY, SHOULD BE LOCATED AND SEALED IN A MANNER ACCEPTABLE TO THE CITY OF CHESTERFIELD AND THE MODNR.
9. ALL EXCAVATIONS, GRADING OR FILLING SHALL HAVE A FINISHED GRADE NOT TO EXCEED A 3:1 SLOPE (33%), UNLESS SPECIFICALLY APPROVED OTHERWISE.
10. NO EXCAVATION SHALL BE MADE SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY ADJOINING PROPERTY OF ANY PUBLIC OR PRIVATE STREET WITHOUT SUPPORTING AND PROTECTING SUCH PUBLIC OR PRIVATE STREET OR PROPERTY FROM SETTLING, CRACKING OR OTHER DAMAGE.
11. ALL LOTS SHALL BE SEEDED AND MULCHED OR SODDED BEFORE AN OCCUPANCY PERMIT SHALL BE ISSUED EXCEPT THAT A TEMPORARY OCCUPANCY PERMIT MAY BE ISSUED BY THE CITY OF CHESTERFIELD DEPARTMENT OF PLANNING, PUBLIC WORKS AND PARKS IN CASES OF UNDUE HARDSHIP BECAUSE OF UNFAVORABLE GROUND CONDITIONS. IF THE LOT IS TO BE SEEDED AND MULCHED, IT SHALL BE DONE IN A MANNER THAT MEETS OR EXCEEDS THE REQUIREMENTS OF THE CITY'S "SEDIMENT & EROSION CONTROL GUIDELINES."



1. LOT 4 SHALL INSTALL A GRINDER PUMP THAT WILL DISCHARGE INTO AN EXISTING 3" FORCEMAIN ON THE NORTH SIDE OF OLD CHESTERFIELD ROAD. GRINDER PUMP TO BE DESIGNED BY OTHERS.
2. EXISTING FRAME GARAGE IS TO REMAIN IN PLACE AND USED FOR PARKING
3. NO CONSTRUCTION PARKING SHALL BE PERMITTED ON OLD CHESTERFIELD ROAD
4. NO SIGNAGE IS PLANNED AT THIS TIME
5. THE NEAREST MAJOR STREET INTERSECTION IS WEST 650 FEET TO BAXTER AND OLD CHESTERFIELD ROAD
6. ZONING DISTRICT: PC/LPA (PLANNED COMMERCIAL/LANDMARK AND PRESERVATION AREA)
TOWNSHIP 45 NORTH
RANGE 4 EAST
SCHOOL DISTRICT 110 ROCKWOOD R-6
FIRE DISTRICT MONARCH
WATER COMPANY: MISSOURI AMERICAN WATER
7. ALL UTILITIES WILL BE PLACED UNDERGROUND
8. ORDINANCE NUMBER:
9. SUBDIVISION NAME: BURKHARDT PLACE SUBDIVISION
10. PROPOSED USE: OFFICE BUILDING OR NEIGHBORHOOD RETAIL

TOTAL AREA = 0.228 ACRES
BUILDING AREA = 0.051 ACRES
IMPERVIOUS AREA = 0.086 ACRES
PERVIOUS AREA = 0.091 ACRES

3.3 PER THOUSAND FOR OFFICE USE
4 PER THOUSAND FOR RETAIL SALES
ESTABLISHMENT NEIGHBORHOOD
8 TOTAL SPACES REQUIRED

16632 OLD CHESTERFIELD RD
1936 SF TOTAL GROSS FLOOR AREA
9934 SF TOTAL SITE AREA

$$\text{F.A.R.} = 1936 / 9934 = 19.5\%$$

16632 Old Chesterfield Rd.
Chesterfield, MO 63017

SHEET NUMBER:
C1

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: February 12th, 2026

From: Alyssa Ahner, Senior Planner

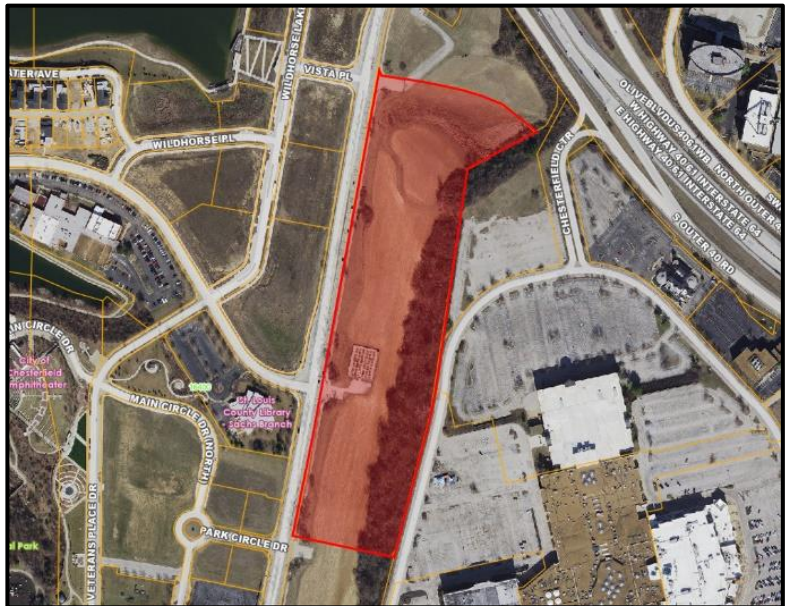
Location: East of Chesterfield Pkwy, south of Interstate 64, west of Chesterfield Center

Description: **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.

PROPOSAL SUMMARY

Stock & Associates Consulting Engineers, Inc. and NSPJ Architect's, on behalf of Tristar Real Estate Acquisitions, LLC, have submitted plans for a multi-family residential development and the construction of multiple roadway extensions including Park Circle Drive, Burkhardt Place, and Vista Place.

The development consists of a total of 105 attached units split between 22 buildings. Of the 22 buildings, there are 8 different model types ranging from roughly 23' to 32' tall each comprised of 4, 5, or 6 units each with their own 2 car garage.



HISTORY OF SUBJECT SITE

Since Chesterfield's incorporation, the subject site has remained undeveloped with the exception of a community garden. The site was part of the 2023 rezoning for Downtown Chesterfield and was designated for residential use up to 175 cumulative housing units along Chesterfield Parkway.

SITE RELATIONSHIPS

The subject site is surrounded by a mixed-use development, Wildhorse Village, to the northwest, the soon to be reconstructed St. Louis County library to the west, a senior living facility to the south, and the overall mall redevelopment to the east.

While the parcels in Wildhorse Village along Chesterfield Parkway, as shaded in blue in Figure 1, are currently undeveloped, the zoning for that development defines those areas as “Category A” or “Urban Main Street Development Pattern”. They have a required 0’ – 30’ building line along the Parkway and are allowed a maximum building height of two (2) stories.

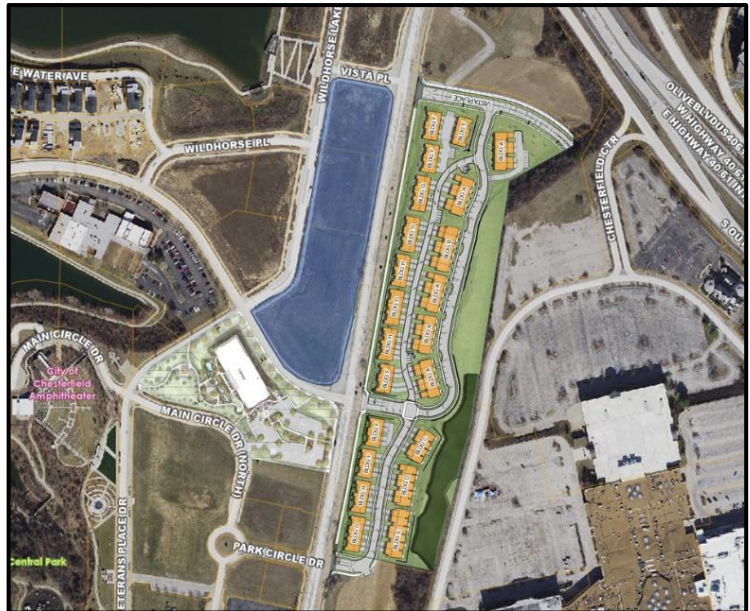


Figure 1: Relationship to nearby properties

The soon to be reconstructed St. Louis County Library will shift north from its current location on its site. The southern portion of the site will have a parking lot with a varying height retaining wall along the Parkway. The color site plan for the library has been dropped into the aerial shown in Figure 1 to show how the sites will interact with each other in the future.

The overall mall redevelopment to the east shares a border with the subject site, however, it is important to note that there is a substantial grade change which creates a natural separation between the two. The buildings that ultimately get constructed to the east will look downward onto the subject site.

TOPOGRAPHY & RETAINING WALLS

As previously mentioned, there is a substantial grade change on the site. The land near the Parkway is relatively flat while the grade continues to increase as you move east towards the existing vegetated hillside. Due to this grade change, there are several retaining walls planned as part of this redevelopment which have been highlighted in red in Figure 2.



Figure 2: Proposed retaining walls within the development

The proposed retaining walls along the Parkway will have varying heights from 1’ to 5’ tall which will help to facilitate the housing units sitting a few feet above Chesterfield Parkway. They will be constructed of concrete masonry unit’s (CMU’s) and will match the color of the stone on the buildings discussed later in this report. Ameristar Echelon Plus Ornamental Aluminum fencing in a black color will be utilized on any wall portion that is taller than 30” in height.

The proposed retaining walls along the eastern portion of the site will be much larger in size than the previously mentioned walls. The tallest wall, located around the bend of the Burkhardt Place extension, will have a maximum height of 20' tall in the middle before it tapers down in height on both ends. All walls will be constructed of CMU's to match the buildings and will utilize the same aluminum fencing previously mentioned where applicable. A typical section for the fencing may be found in Figure 3.

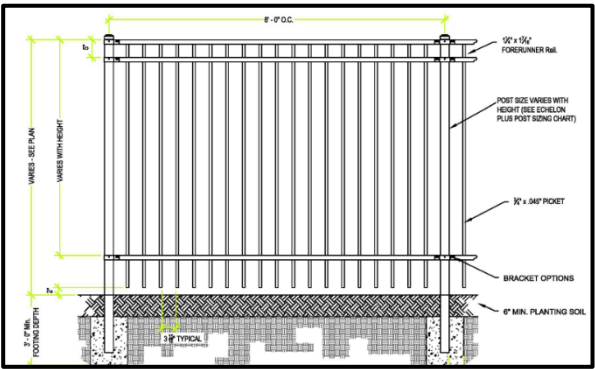


Figure 3: Typical section for fencing

CIRCULATION & ACCESS

The housing units will be served by Park Circle Drive, Burkhardt Place, Vista Place, and an alley. The building types that front Chesterfield Parkway (types F, G, H) may be accessed by a shared pedestrian path that runs parallel to the existing sidewalk along the Parkway. Vehicular access for these types may be obtained through their driveways that sit on either Park Circle Drive or the alley.

Building types C, D, and E are accessed only by their driveway which fronts onto Park Circle Drive. The rear of these building types back up to the vegetated hillside.

Building types A and B front onto Burkhardt Place where there will be a series of on-street parking spaces provided. A majority of these buildings, with exception to one of the type A buildings located at the intersection of Vista Place and Burdhardt Place, back onto an alley where their two car garage is located. The previously mentioned building type A that sits at the corner of Vista Place and Burkhardt Place will front onto Burkhardt Place. However, there is a shared drive in the rear of the building that leads to each unit's garage in addition to some shared parking spaces for overflow.

ELEVATIONS

The eight (8) building types share a mixture of brick, stone, board & batten siding, lap siding, and stucco. Due to the number of building types, please see the proposed materials in the image below and then the elevations of each building provided in the applicant's submittal attached to this report.



LANDSCAPE DESIGN & SCREENING

The site is required to adhere to the standard landscape requirements of the Unified Development Code. Street trees have been added along each roadway extension in addition to the alley. In the several areas where retaining walls run along a roadway, a mixture of shrubs have been added to help soften the visual impact. Shrubs have also been added to the sides of each building in order to screen the proposed ground mounted air conditioning units. The required 30' wide landscape buffer on Chesterfield Parkway has a variety of plantings – some of which run alongside the pedestrian path that leads to the individual units fronting the Parkway. Lastly, 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. The proposed fixture, as shown in Figure 4, is the same fixture to be utilized by the remainder of the Downtown Chesterfield development.



Figure 4: Streetlight

DEPARTMENT INPUT

Be advised, this project is still going through development review by City staff and will not proceed to the final approving body until all outstanding items have been addressed. All recommendations made by the Architectural Review Board will be included in the report to the appropriate approval body.

Staff requests review on the Site Development Section Plan, Landscape Plan, Lighting Plan, Architectural Elevations, and Architect's Statement of Design for Chesterfield Village Mall, Lot 3B.

MOTION

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

"I move to forward the Site Development Section Plan, Landscape Plan, Lighting Plan, Architectural Elevations, and Architect's Statement of Design for Chesterfield Village Mall, Lot 3B as presented, with a recommendation for approval (or denial) to the appropriate approval body."

"I move to forward the Site Development Section Plan, Landscape Plan, Lighting Plan, Architectural Elevations, and Architect's Statement of Design for Chesterfield Village Mall, Lot 3B to the appropriate approval body with a recommendation for approval with the following conditions..."

Attachments:

1. Applicant's submittal



Statement of Design

General requirements for Site Design

1. Site Relationships:
 - a. Sidewalks connect the entire development.
 - b. Parking is located in the center of the development, which allows for the buildings to face green space.
2. Circulation System and Access
 - a. Sidewalks are provided throughout the site.
 - b. Landscaped buffers are used between parking lots and buildings.
3. Topography.
 - a. The buildings finish floors follow the sites natural slope.
4. Retaining Walls.
 - a. Retaining walls are kept as short as possible.
 - b. Retaining walls will be CMU that matches the color of the stone on the townhome buildings.

General Requirements for Building Design

1. Scale: We used covered patios and dormers to keep the scale of our buildings proportional to the surrounding developments as well as keeping them at a human scale.
 - a. The use of dormers gives the illusion of a 3rd story, which creates a nice transition from the 3-story apartments to our 2-story buildings.
 - b. The buildings were designed to have “ins and outs” to break up the scale of the buildings. Where we do have a long straight wall, we used covered patios to break up the long stretch of wall.
 - c. We placed the taller buildings on the street to keep the street front rhythm that the surrounding developments create
2. Design: We utilized items a, d, and h throughout the development.
 - a. Similar roof slope/elements are used throughout the development. The stone, brick and trim color used at each building are the same; creating cohesive building color schemes.
 - b. Unit entrances are indicated with the use of porches (both covered and uncovered)
3. Materials and Color
 - a. The use of multiple color schemes throughout gives the development character, but the compatible colors used keep the buildings cohesive. Materials (stone, brick, stucco & siding) are used throughout the development to be compatible with surrounding buildings.
 - b. Durable materials are used throughout.

4. Landscape and screening

- a. Plantings at each building are consistent throughout the development.
- b. Ameristar Echelon Plus Ornamental Aluminum Fence is used at unit patios as well as at the retaining walls, as required.
- c. HVAC units are screened with landscaping.

Specific requirements for The Chesterfield Valley

1. Architectural elements (dormers, window trim, etc.) are used on all facades.
2. Parking is located on the "rear" side.

Project		Catalog #		Type	
Prepared by		Notes		Date	



McGraw-Edison

GALN Galleon II

Area / Site Luminaire

Product Features



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 17](#)

Product Certifications



Quick Facts

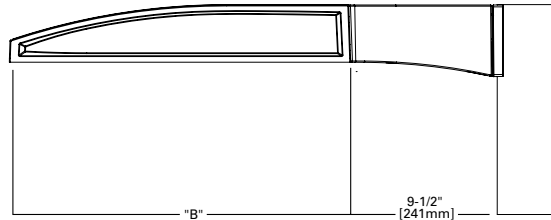
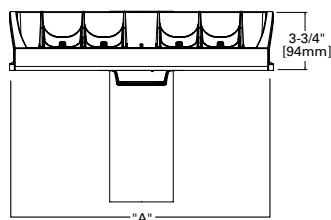
- Lumen packages range from 3,300 - 102,700 (33W - 658W)
- 22 optical distributions
- Efficacy up to 178 LPW

Connected Systems

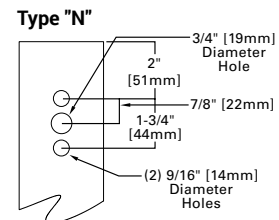
- Wavelinx LITE Wireless
- Wavelinx PRO Wireless
- AirMesh Wireless

Dimensional Details

Standard Pole Mount Arm



Pole Drilling Pattern



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.

NOTES:

- IDA Certified (3000K CCT and warmer only, fixed mounting options)

Ordering Information

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

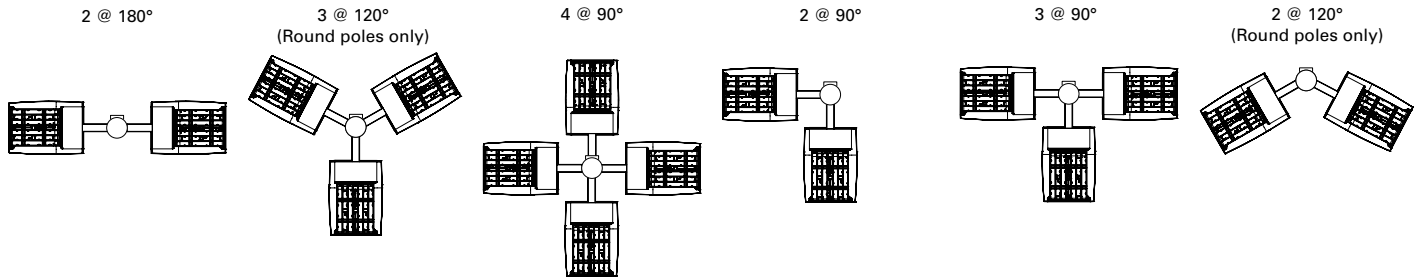
Product Family ^{1,2}	Light Engine Configuration			Color Temperature	Voltage	Distribution	Mounting	Finish
	Light Square	Square Count	Lumen Output					
GALN =Galleon II BAA-GALN =Galleon II Buy American Act Compliant ²⁶ TAA-GALN =Galleon II Trade Agreements Act Compliant ²⁶ BABA-GALN =Galleon II BABA/IIJA Compliant ³⁸	SA =16 LED Light Square SB =26 LED Light Square	1 =1 Light Square 2 =2 Light Squares 3 =3 Light Squares 4 =4 Light Squares 5 =5 Light Squares 6 =6 Light Squares 7 =7 Light Squares 8 =8 Light Squares 9 =9 Light Squares	A =Output Level 1 B =Output Level 2 C =Output Level 3 D =Output Level 4 ^{4,16} Z =Configured Output ³²	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 ^{14,16}	U =120-277V H =347V-480V ^{7,29} 1 =120V 2 =208V 3 =240V 4 =277V 8 =480V ^{7,29} 9 =347V ⁷ DV =277V-480V DuraVolt Drivers ^{28,29,30}	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 SL =90° Spill Light Eliminator Left SLR =90° Spill Light Eliminator Right RW =Rectangular Wide Type I AFL =Automotive Frontline T2BC =Type II w/ Backlight Control ³⁹ T3BC =Type III w/ Backlight Control ³⁹ T4BC =Type IV w/ Backlight Control ³⁹ LBC =90° Left w/ Backlight Control ³⁹ RBC =90° Right w/ Backlight Control ³⁹	[blank] =Standard Pole Mount Arm QU =Quick Mount Universal Arm QM =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) ²⁷		
DIM =External 0-10V Dimming Leads ¹⁹ 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 ¹⁶ HSS =Installed House Side Shield ¹⁷ BCS =Backlight Control Shield ^{17,37} GRSBK =Glare Reducing Shield, Black ²² GRSWH =Glare Reducing Shield, White ²² LCF =Light Square Trim Painted to Match Housing ²⁵ TH =Tool-Less Door Hardware ⁵ CC =Coastal Construction finish ³ L90 =Optics Rotated 90° Left R90 =Optics Rotated 90° Right 3SDCM =3 Standard Deviation Color Matching ³⁶ AHD145 =After Hours Dim, 5 Hours ²¹ AHD245 =After Hours Dim, 6 Hours ²¹ AHD255 =After Hours Dim, 7 Hours ²¹ AHD355 =After Hours Dim, 8 Hours ²¹ DALI =DALI Drivers			BPC =Button Type Photocontrol. Must specify voltage 120V, 208V, 240V or 277V. ⁴ PR =NEMA 3-PIN Photocontrol Receptacle PR7 =NEMA 7-PIN Photocontrol Receptacle ²⁰ FADC =Field Adjustable Dimming Controller ³¹ PSC =Photocontrol Shorting Cap SPB2 =Dimming Motion Sensor, 9'-20' mounting ²³ SPB4 =Dimming Motion Sensor, 21'-40' mounting ²³ SPB2/X =Dimming Motion Sensor, limited square count, 9'-20' mounting ²³ SPB4/X =Dimming Motion Sensor, limited square count, 21'-40' mounting ²³ MS/DIM-L20 =Motion Sensor for Dimming Operation, 9'-20' Mounting ^{23,40} MS/DIM-L40 =Motion Sensor for Dimming Operation, 21'-40' Mounting ^{23,40} WLS2XX =WaveLinX LITE, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting ^{12,18,34} WLS4XX =WaveLinX LITE, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting ^{12,18,34} WPS2XX =WaveLinX PRO, SR Driver, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting ^{12,13,18,34} WPS4XX =WaveLinX PRO, SR Driver, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting ^{12,13,18,34} DIM10-L20 =AirMesh Occupancy Sensor (9'-20' Mounting) ^{18,35} DIM10-L40 =AirMesh Occupancy Sensor (21'-40' Mounting) ^{18,35}			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 ³³ LS/HSS =Field Installed House Side Shield for SA Light Squares ^{9,17} LS/HSS-SB =Field Installed House Side Shield for SB Light Squares ^{9,17} LS/BCS =Backlight Control Shield ^{9,17,37} LS/GRSBK-2PK =Glare Reducing Shield, Black ^{9,22} LS/GRSWH-2PK =Glare Reducing Shield, White ^{9,22} LS/PFS =Perimeter Shield, Black ¹⁵ WOLC-7P-10A =WaveLinX Outdoor Control Module ^{11,18,13} TL7-G1-HV = AirMesh 7-PIN module, 110-480V ^{11,18,35} CBSSW-450-002 = AirMesh central base station with 5-button control ³⁵		

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.
- When using SA light squares, Output Level 4 not available with color temperatures 722, 727, 827, 830 or 930 when HSS is used.
- TH option not 3G rated. Not available with Coastal Construction (CC) option.
- Not available with voltage options H, 8 or 9.
- Not available with SB1A or SB2A configurations. Not available in combination with HA high ambient and sensor options at Output Level 3. H voltage not available with sensor options, choose voltage 8 or 9.
- 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 SB light squares. Not available with SPB at 347V or 480V. Not available with WaveLinX 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.
- Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose Output Level 1; supplied at 500mA drive current only. Not available with SB light squares. 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.
- HA option not available with Output Level 4 or AMB Amber.
- 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, 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 available with SB light squares when using Output Level 4.
- Not for use with T1, T4FT, T4W or SL optics. See IES files for details. Not available with SB light squares.
- 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](http://www.domesticpreferences.com) 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 with SA1A or SA1B. Not available with SB1, or any SB configuration using Output Level 1. Not available with any control option except SPB.
- Cannot be used with DALI, PR7, or other motion response control options. Not available with SB light squares when using Output Level 4.
- Use GALN Product Configurator to specify lumen output, drive current and wattage. Not available with AMB. Not available with SB light squares.
- 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.
- Controls system is not available with photocontrol receptacles (PR, PR7) or other controls systems (FADC, SPBx).
- Requires AirMesh central base station CBSSW-450-002 and Synapse commissioning for operation.
- 3-step MacAdam ellipse binning. Available in 740 CRI/CCT only. Longer lead times apply, consult your lighting representative at Cooper Lighting Solutions for more information.
- Not available with SB light squares.
- Only product configurations with these prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or the Build America Buy America Act (BABA). BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to the [DOMESTIC PREFERENCES](http://www.domesticpreferences.com) website or consult the CLSDomestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
- Select SA light square. Only available with Output Levels 1, 2 or 3. Not compatible with HSS, GRS, BCS or PFS shield options, or LCF.
- Not compatible with DALI.

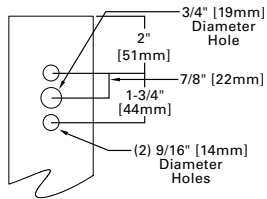
Mounting Details

Pole Configuration Options

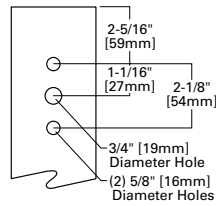


Pole Drilling Patterns

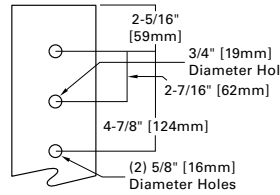
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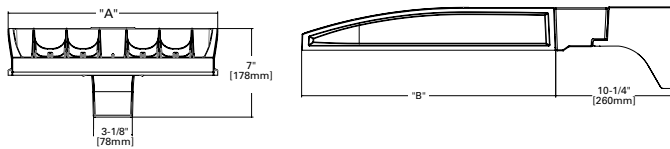
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Type "M"

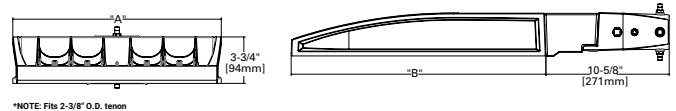


Quick Mount Universal Arm (QU)



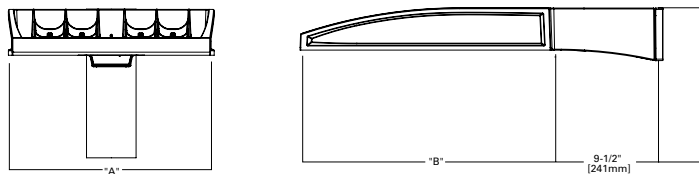
*NOTE: Universal bolt pattern compatible with Type N through Type M drilling patterns

Quick Mount Mast Arm (QMA)



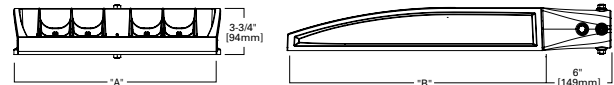
*NOTE: Fits 2-3/8" O.D. tenon

Pole Mount Arm with Quick Mount Adaptor (QM)



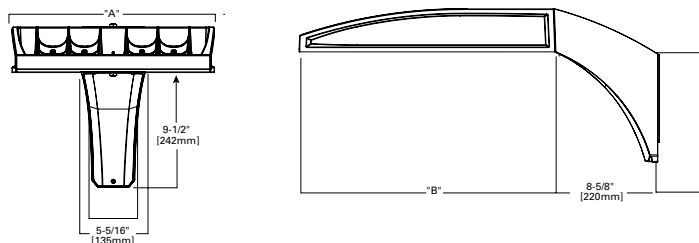
*NOTE: Use Type N drilling pattern

Mast Arm, Fixed (MA)



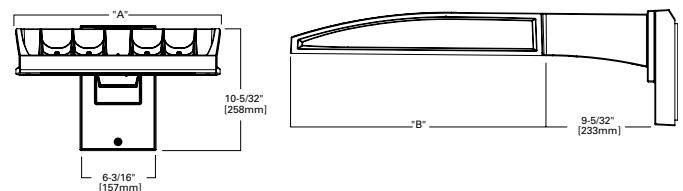
*NOTE: Fits 2-3/8" O.D. tenon

Upswept Arm (UP)



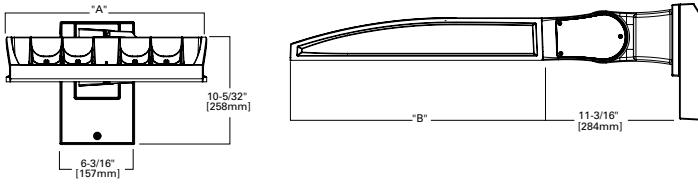
*NOTE: Universal bolt pattern compatible with Type N through Type M drilling patterns

Wall Mount, Fixed (WM)

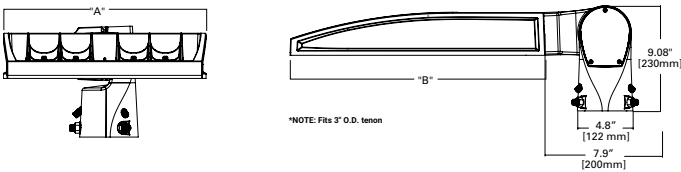


Mounting Details

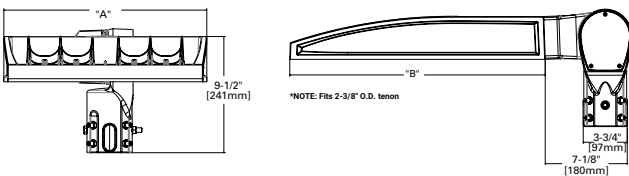
Wall Mount, Adjustable (WA)



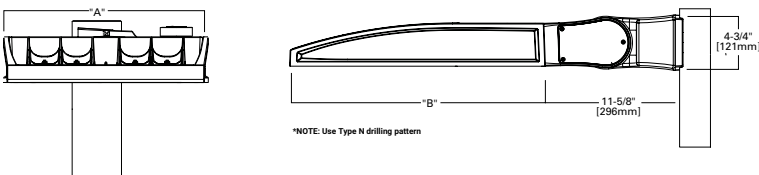
3" Slipfitter, Adjustable (SP)



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

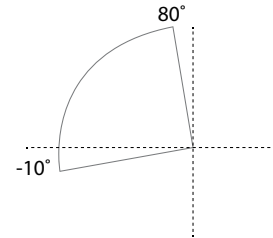


Pole Mount, Adjustable Arm (PA)



Adjustable Arm Range of Motion

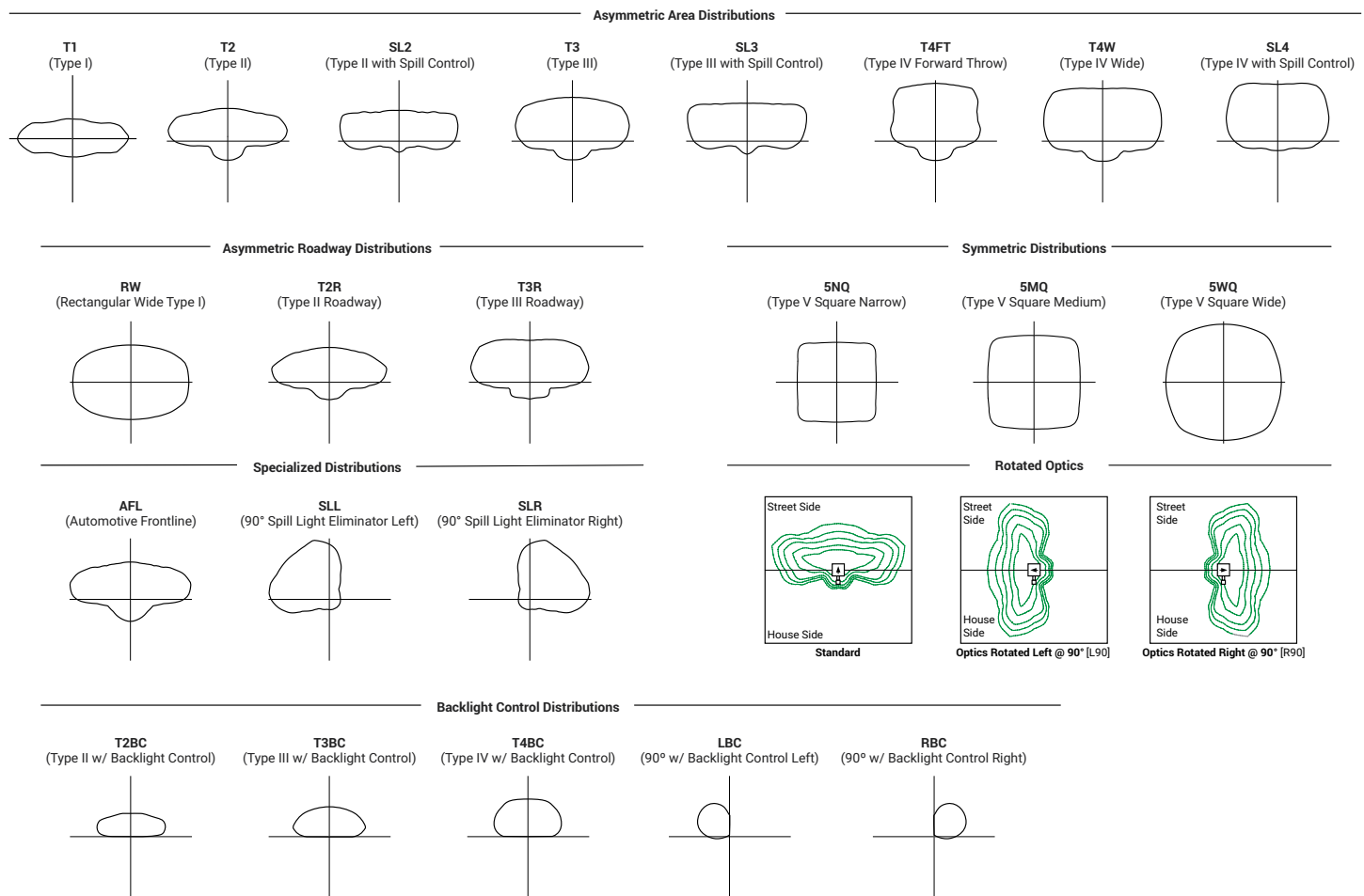
- Includes WA, SP, SP2 and PA mounting options
- Adjustable in increments of 5°
- Must maintain downward facing orientation



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
- 22 optical distributions for area site and roadway applications
- 4 shielding options include HSS, BCS, GRS and PFS
- IDA Certified (3000K CCT and warmer only, fixed mounting options)
- 5 step MacAdam ellipse binning (5 SDCM) standard with 70CRI and 80CRI. 3SDCM option available with 740 CRI/CCT. 3 step MacAdam ellipse binning standard with 90CRI

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
- Luminaire available with the field adjustable dimming controller (FADC) to manually adjust wattage and reduce the total lumen output and light levels. Comes pre-set to the highest position at the lumen output selected

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

Compliance

- Visit <https://www.designlights.org/search/> to confirm qualification. Not all product variations are DLC qualified
- IDA Certified (3000K CCT and warmer only, fixed mounting options)
- Declare compliant
- This Cooper product is manufactured in the US and meets the BABA cost of components rule. To verify a configured product with specific accessories and options meets BABA Domestic Preference Requirements; submit this catalog number to Cooper Lighting Quotation team for validation by our Engineering and Manufacturing teams. Our BABA designation is based on the minimum compliance requirement for BABA. Individual Government Agencies may have more stringent compliance standards.
- Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements

Typical Applications

- Outdoor, Parking Lots, Walkways, Roadways, Building Areas
- Sports lighting, including tennis, pickleball, basketball courts

Warranty

- Five-year limited warranty. Consult website for details. www.cooperlighting.com/legal

Energy and Performance Data

Lumen Maintenance (TM-21)

Output Level	Ambient Temperature	25,000 hours*	50,000 hours*	60,000 hours*	100,000 hours**	Theoretical L70 hours**
Output Levels 1-3	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
Output Level 4	25°C	99.4%	99.0%	98.9%	98.3%	> 2.4M
	40°C	98.5%	97.9%	97.7%	96.7%	> 1.3M

* 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.

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

FADC Settings

SA1-SA3 (All Output Levels)

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%

Note: +/-5% typical value

FADC Settings

SA4-SA6 (All Output Levels)

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%

Note: +/-5% typical value

FADC Settings

SA7-SA9 (All Output Levels)

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%

Note: +/-5% typical value

Drive Currents

Lumen Output	SA Light Squares	SB Light Squares
Output Level 1	615mA	350mA
Output Level 2	800mA	450mA
Output Level 3	1050mA	615mA
Output Level 4	1200mA	900mA

SA Light Squares, Output Level 1, 4000K CCT, 70 CRI

[Galleon II IES Files](#)
[Supplemental Lumen Tables](#)

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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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.

SA Light Squares, Output Level 2, 4000K CCT, 70 CRI

[Galleon II IES Files](#)[Supplemental Lumen Tables](#)

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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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.

SA Light Squares, Output Level 3, 4000K CCT, 70 CRI

[Galleon II IES Files](#)[Supplemental Lumen Tables](#)

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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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.

SA Light Squares, Output Level 4, 4000K CCT, 70 CRI

[Galleon II IES Files](#)
[Supplemental Lumen Tables](#)

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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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.

SB Light Squares, Output Level 1, 4000K, 70 CRI

Number of Light Squares		1	2	3	4	5	6	7	8	9
Nominal Power (Watts)		31	57	85	114	142	171	199	227	256
Input Current @ 120V		0.263	0.484	0.717	0.952	1.201	1.434	1.685	1.918	2.151
Input Current @ 208V		0.154	0.280	0.420	0.552	0.700	0.839	0.979	1.119	1.259
Input Current @ 240V		0.136	0.245	0.370	0.483	0.615	0.740	0.860	0.985	1.110
Input Current @ 277V		0.122	0.216	0.330	0.425	0.546	0.660	0.762	0.876	0.989
Input Current @ 347V		-	-	0.248	0.328	0.413	0.495	0.577	0.665	0.743
Input Current @ 480V		-	-	0.182	0.238	0.304	0.364	0.426	0.493	0.547
Optics										
T1	Lumens	4,696	9,389	14,086	18,816	23,716	28,470	33,388	37,964	42,763
	BUG Rating	B2-U0-G1	B3-U0-G1	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4
	Lumens per Watt	152	164	166	165	167	167	168	167	167
T2	Lumens	4,704	9,404	14,109	18,846	23,754	28,515	33,442	38,024	42,831
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G4	B4-U0-G4	B4-U0-G4	B4-U0-G5
	Lumens per Watt	152	164	167	165	168	167	168	167	168
T2R	Lumens	4,835	9,667	14,503	19,373	24,418	29,313	34,377	39,087	44,029
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4
	Lumens per Watt	156	169	171	170	172	172	173	172	172
T3	Lumens	4,751	9,497	14,249	19,033	23,989	28,798	33,773	38,401	43,256
	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	154	166	168	167	169	169	170	169	169
T3R	Lumens	4,874	9,743	14,618	19,526	24,611	29,544	34,648	39,396	44,376
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5
	Lumens per Watt	158	170	173	171	174	173	174	173	174
T4FT	Lumens	4,692	9,380	14,074	18,799	23,694	28,444	33,358	37,929	42,724
	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	152	164	166	165	167	166	168	167	167
T4W	Lumens	4,738	9,472	14,211	18,983	23,926	28,723	33,685	38,300	43,142
	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	153	165	168	167	169	168	169	169	169
SL2	Lumens	4,719	9,433	14,153	18,905	23,828	28,605	33,546	38,143	42,965
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B4-U0-G4	B4-U0-G5
	Lumens per Watt	153	165	167	166	168	167	168	168	168
SL3	Lumens	4,640	9,276	13,916	18,589	23,430	28,127	32,986	37,506	42,247
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	150	162	164	163	165	165	166	165	165
SL4	Lumens	4,706	9,408	14,115	18,854	23,764	28,527	33,456	38,040	42,849
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	152	164	167	165	168	167	168	168	168
5NQ	Lumens	4,975	9,945	14,921	19,931	25,121	30,157	35,367	40,213	45,297
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3
	Lumens per Watt	161	174	176	175	177	176	178	177	177
5MQ	Lumens	4,972	9,939	14,912	19,919	25,106	30,139	35,346	40,189	45,269
	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	161	173	176	175	177	176	178	177	177
5WQ	Lumens	4,802	9,600	14,403	19,239	24,249	29,110	34,139	38,817	43,724
	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	155	168	170	169	171	170	171	171	171
SLL/SLR	Lumens	4,730	9,457	14,188	18,952	23,887	28,676	33,630	38,238	43,072
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	153	165	168	166	169	168	169	168	169
RW	Lumens	4,889	9,773	14,663	19,586	24,686	29,635	34,755	39,517	44,513
	BUG Rating	B2-U0-G1	B3-U0-G1	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4
	Lumens per Watt	158	171	173	172	174	173	175	174	174
AFL	Lumens	4,828	9,652	14,482	19,344	24,381	29,269	34,325	39,029	43,963
	BUG Rating	B1-U0-G1	B2-U0-G1	B2-U0-G2	B3-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3
	Lumens per Watt	156	168	171	170	172	171	172	172	172

SB Light Squares, Output Level 2, 4000K, 70 CRI

Number of Light Squares		1	2	3	4	5	6	7	8	9
Nominal Power (Watts)		40	74	109	147	183	220	257	293	330
Input Current @ 120V		0.330	0.627	0.919	1.255	1.547	1.838	2.174	2.466	2.758
Input Current @ 208V		0.192	0.370	0.533	0.739	0.902	1.066	1.272	1.435	1.598
Input Current @ 240V		0.169	0.327	0.467	0.655	0.794	0.933	1.121	1.260	1.400
Input Current @ 277V		0.150	0.294	0.412	0.588	0.706	0.823	1.000	1.118	1.235
Input Current @ 347V		0.112	0.215	0.316	0.431	0.531	0.632	0.746	0.847	0.947
Input Current @ 480V		0.086	0.160	0.230	0.320	0.390	0.460	0.550	0.620	0.690
Optics										
T1	Lumens	5,895	11,786	17,683	23,620	29,771	35,739	41,913	47,656	53,681
	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	148	159	162	161	163	162	163	163	163
T2	Lumens	5,905	11,805	17,711	23,658	29,818	35,796	41,980	47,732	53,766
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B4-U0-G4	B4-U0-G4	B4-U0-G5	B4-U0-G5
	Lumens per Watt	148	160	162	161	163	162	164	163	163
T2R	Lumens	6,070	12,135	18,206	24,319	30,652	36,797	43,154	49,067	55,270
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B4-U0-G5	B4-U0-G5
	Lumens per Watt	153	164	167	165	168	167	168	168	168
T3	Lumens	5,963	11,922	17,887	23,892	30,114	36,151	42,396	48,206	54,300
	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	150	161	164	163	165	164	165	165	165
T3R	Lumens	6,118	12,231	18,350	24,511	30,894	37,087	43,494	49,454	55,706
	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	154	166	168	167	169	168	169	169	169
T4FT	Lumens	5,890	11,775	17,667	23,599	29,744	35,706	41,875	47,613	53,632
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	148	159	162	161	163	162	163	163	163
T4W	Lumens	5,948	11,891	17,840	23,830	30,035	36,056	42,285	48,079	54,157
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	149	161	163	162	164	164	165	164	164
SL2	Lumens	5,923	11,842	17,766	23,732	29,912	35,908	42,111	47,882	53,935
	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	149	160	163	161	164	163	164	164	164
SL3	Lumens	5,824	11,644	17,469	23,335	29,412	35,308	41,407	47,081	53,033
	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	B4-U0-G5
	Lumens per Watt	146	158	160	159	161	160	161	161	161
SL4	Lumens	5,907	11,810	17,718	23,668	29,831	35,811	41,998	47,752	53,789
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G5
	Lumens per Watt	148	160	162	161	163	162	164	163	163
5NQ	Lumens	6,245	12,484	18,731	25,020	31,535	37,857	44,397	50,480	56,862
	BUG Rating	B2-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4
	Lumens per Watt	157	169	172	170	173	172	173	172	173
5MQ	Lumens	6,241	12,477	18,719	25,005	31,516	37,834	44,370	50,450	56,827
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5
	Lumens per Watt	157	169	171	170	173	172	173	172	172
5WQ	Lumens	6,028	12,051	18,080	24,151	30,440	36,542	42,855	48,728	54,887
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5
	Lumens per Watt	151	163	166	164	167	166	167	166	167
SLL/SLR	Lumens	5,938	11,871	17,811	23,791	29,986	35,997	42,216	48,001	54,069
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	149	161	163	162	164	163	164	164	164
RW	Lumens	6,137	12,268	18,406	24,587	30,989	37,201	43,628	49,606	55,877
	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	154	166	169	167	170	169	170	169	170
AFL	Lumens	6,061	12,117	18,179	24,283	30,606	36,742	43,089	48,993	55,187
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G4	B4-U0-G4
	Lumens per Watt	152	164	166	165	168	167	168	167	167

SB Light Squares, Output Level 3, 4000K, 70 CRI

Number of Light Squares		1	2	3	4	5	6	7	8	9
Nominal Power (Watts)		54	101	149	201	250	301	351	400	450
Input Current @ 120V		0.437	0.857	1.259	1.714	2.116	2.518	2.973	3.375	3.776
Input Current @ 208V		0.254	0.498	0.721	0.996	1.219	1.442	1.717	1.940	2.163
Input Current @ 240V		0.223	0.437	0.628	0.874	1.065	1.256	1.501	1.693	1.884
Input Current @ 277V		0.197	0.386	0.550	0.772	0.936	1.100	1.322	1.485	1.649
Input Current @ 347V		0.150	0.292	0.432	0.584	0.724	0.863	1.016	1.155	1.295
Input Current @ 480V		0.111	0.213	0.311	0.427	0.525	0.622	0.738	0.836	0.933
Optics										
T1	Lumens	7,841	15,675	23,517	31,414	39,594	47,531	55,743	63,381	71,393
	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	144	155	158	157	159	158	159	159	159
T2	Lumens	7,853	15,700	23,555	31,464	39,657	47,607	55,832	63,482	71,507
	BUG Rating	B2-U0-G2	B3-U0-G3	B3-U0-G3	B4-U0-G4	B4-U0-G4	B4-U0-G5	B4-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	144	156	158	157	159	158	159	159	159
T2R	Lumens	8,073	16,139	24,214	32,344	40,766	48,938	57,393	65,257	73,507
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	148	160	162	161	163	163	164	163	163
T3	Lumens	7,931	15,856	23,789	31,776	40,051	48,080	56,386	64,112	72,217
	BUG Rating	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B4-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G5
	Lumens per Watt	146	157	160	158	161	160	161	160	161
T3R	Lumens	8,137	16,267	24,405	32,599	41,088	49,325	57,846	65,773	74,087
	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	150	161	164	162	165	164	165	165	165
T4FT	Lumens	7,834	15,661	23,496	31,385	39,558	47,488	55,692	63,324	71,329
	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	B5-U0-G5
	Lumens per Watt	144	155	158	156	159	158	159	158	159
T4W	Lumens	7,910	15,814	23,726	31,693	39,946	47,953	56,238	63,944	72,027
	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	145	157	159	158	160	159	160	160	160
SL2	Lumens	7,878	15,749	23,629	31,562	39,781	47,756	56,006	63,681	71,731
	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	145	156	158	157	159	159	160	159	159
SL3	Lumens	7,746	15,486	23,234	31,035	39,117	46,958	55,070	62,616	70,532
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	142	153	156	155	157	156	157	157	157
SL4	Lumens	7,857	15,707	23,565	31,477	39,674	47,627	55,855	63,509	71,538
	BUG Rating	B2-U0-G2	B3-U0-G3	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	144	156	158	157	159	158	159	159	159
5NQ	Lumens	8,305	16,604	24,911	33,275	41,940	50,348	59,046	67,137	75,624
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G4
	Lumens per Watt	153	165	167	166	168	167	168	168	168
5MQ	Lumens	8,300	16,594	24,896	33,255	41,915	50,318	59,010	67,097	75,578
	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	153	164	167	166	168	167	168	168	168
5WQ	Lumens	8,017	16,027	24,046	32,120	40,484	48,600	56,996	64,806	72,998
	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	147	159	161	160	162	162	163	162	162
SLL/SLR	Lumens	7,897	15,788	23,687	31,641	39,880	47,875	56,146	63,839	71,909
	BUG Rating	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G5
	Lumens per Watt	145	156	159	158	160	159	160	160	160
RW	Lumens	8,162	16,317	24,480	32,699	41,215	49,476	58,024	65,975	74,315
	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	150	162	164	163	165	164	166	165	165
AFL	Lumens	8,061	16,115	24,177	32,295	40,705	48,865	57,307	65,160	73,397
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B4-U0-G4	B4-U0-G4	B4-U0-G4	B4-U0-G4
	Lumens per Watt	148	160	162	161	163	162	164	163	163

SB Light Squares, Output Level 4, 4000K, 70 CRI

Number of Light Squares		1	2	3	4	5	6	7	8	9
Nominal Power (Watts)		80	148	218	294	365	440	513	585	658
Input Current @ 120V		0.638	1.234	1.840	2.469	3.094	3.680	4.349	4.934	5.519
Input Current @ 208V		0.367	0.705	1.045	1.410	1.779	2.090	2.513	2.824	3.135
Input Current @ 240V		0.320	0.614	0.913	1.227	1.567	1.827	2.220	2.480	2.740
Input Current @ 277V		0.280	0.537	0.813	1.075	1.402	1.626	1.992	2.215	2.439
Input Current @ 347V		0.219	0.430	0.640	0.897	1.089	1.280	1.537	1.729	1.920
Input Current @ 480V		0.160	0.313	0.479	0.700	0.829	0.958	1.179	1.308	1.437
Optics										
T1	Lumens	10,654	21,299	31,955	42,684	53,800	64,585	75,742	86,121	97,008
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	134	144	147	145	147	147	148	147	147
T2	Lumens	10,671	21,333	32,006	42,752	53,886	64,688	75,863	86,258	97,162
	BUG Rating	B2-U0-G2	B3-U0-G3	B4-U0-G4	B4-U0-G5	B4-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	134	145	147	146	148	147	148	147	148
T2R	Lumens	10,969	21,929	32,901	43,948	55,392	66,496	77,984	88,670	99,879
	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	B5-U0-G5
	Lumens per Watt	138	149	151	150	152	151	152	152	152
T3	Lumens	10,777	21,545	32,324	43,177	54,420	65,329	76,616	87,114	98,127
	BUG Rating	B2-U0-G2	B3-U0-G3	B3-U0-G4	B4-U0-G4	B4-U0-G5	B4-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	135	146	148	147	149	148	149	149	149
T3R	Lumens	11,056	22,103	33,161	44,295	55,830	67,022	78,600	89,371	100,668
	BUG Rating	B2-U0-G2	B3-U0-G3	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	139	150	152	151	153	152	153	153	153
T4FT	Lumens	10,644	21,280	31,926	42,646	53,751	64,526	75,674	86,043	96,920
	BUG Rating	B2-U0-G3	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	134	144	146	145	147	147	148	147	147
T4W	Lumens	10,748	21,488	32,239	43,063	54,277	65,158	76,414	86,885	97,869
	BUG Rating	B2-U0-G2	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	135	146	148	147	149	148	149	149	149
SL2	Lumens	10,704	21,400	32,106	42,886	54,054	64,890	76,100	86,528	97,467
	BUG Rating	B2-U0-G2	B3-U0-G3	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	134	145	147	146	148	147	148	148	148
SL3	Lumens	10,525	21,042	31,570	42,169	53,151	63,805	74,828	85,082	95,837
	BUG Rating	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	132	143	145	144	146	145	146	145	146
SL4	Lumens	10,675	21,342	32,020	42,771	53,908	64,715	75,895	86,295	97,204
	BUG Rating	B2-U0-G3	B3-U0-G4	B4-U0-G5	B4-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	134	145	147	146	148	147	148	148	148
5NQ	Lumens	11,285	22,561	33,849	45,214	56,988	68,412	80,230	91,224	102,756
	BUG Rating	B3-U0-G1	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	142	153	155	154	156	155	156	156	156
5MQ	Lumens	11,278	22,547	33,828	45,187	56,954	68,371	80,182	91,169	102,694
	BUG Rating	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	142	153	155	154	156	155	156	156	156
5WQ	Lumens	10,893	21,778	32,673	43,644	55,009	66,037	77,445	88,057	99,189
	BUG Rating	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	137	148	150	149	151	150	151	151	151
SLL/SLR	Lumens	10,731	21,453	32,186	42,993	54,189	65,051	76,290	86,743	97,709
	BUG Rating	B2-U0-G3	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	135	145	148	146	149	148	149	148	148
RW	Lumens	11,090	22,171	33,263	44,431	56,001	67,228	78,842	89,645	100,978
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	139	150	153	151	153	153	154	153	153
AFL	Lumens	10,953	21,897	32,852	43,882	55,309	66,397	77,868	88,538	99,730
	BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G3	B3-U0-G3	B4-U0-G4	B4-U0-G4	B4-U0-G5	B4-U0-G5	B5-U0-G5
	Lumens per Watt	138	148	151	149	152	151	152	151	152

Backlight Control Optics, Output Level 1, 4000K CCT, 70 CRI

Number of Light Squares		1	2	3	4	5	6	7	8	9
Nominal Power (Watts)		29	56	82	108	136	162	193	218	245
Input Current @ 120V		0.247	0.469	0.680	0.939	1.150	1.361	1.619	1.829	2.041
Input Current @ 208V		0.144	0.273	0.396	0.546	0.669	0.792	0.942	1.070	1.188
Input Current @ 240V		0.126	0.240	0.348	0.480	0.588	0.696	0.828	0.944	1.045
Input Current @ 277V		0.111	0.212	0.310	0.424	0.522	0.620	0.734	0.844	0.929
Input Current @ 347V		0.087	0.160	0.240	0.319	0.400	0.481	0.559	0.650	0.721
Input Current @ 480V		0.066	0.118	0.177	0.237	0.295	0.354	0.414	0.483	0.532
Optics		SA1A	SA2A	SA3A	SA4A	SA5A	SA6A	SA7A	SA8A	SA9A
T2BC	Lumens	3,639	7,299	10,947	14,537	17,743	21,263	24,840	28,510	32,106
	BUG Rating	B0-U0-G1	B0-U0-G2	B0-U0-G2	B0-U0-G3	B0-U0-G3	B0-U0-G3	B0-U0-G4	B0-U0-G4	B0-U0-G4
	Lumens per Watt	125	131	134	135	130	131	129	131	131
T3BC	Lumens	3,824	7,670	11,504	15,276	18,645	22,344	26,103	29,960	33,739
	BUG Rating	B0-U0-G1	B0-U0-G2	B0-U0-G2	B0-U0-G3	B0-U0-G4	B0-U0-G4	B0-U0-G4	B0-U0-G5	B0-U0-G5
	Lumens per Watt	132	137	141	142	136	137	135	138	138
T4BC	Lumens	3,698	7,417	11,125	14,772	18,030	21,607	25,242	28,972	32,626
	BUG Rating	B0-U0-G2	B0-U0-G3	B0-U0-G3	B0-U0-G4	B0-U0-G4	B0-U0-G5	B0-U0-G5	B0-U0-G5	B0-U0-G5
	Lumens per Watt	128	133	137	138	132	133	131	133	133
RBC	Lumens	3,327	6,673	10,008	13,290	16,221	19,439	22,709	26,065	29,352
	BUG Rating	B0-U0-G1	B0-U0-G2	B0-U0-G2	B0-U0-G2	B0-U0-G3	B0-U0-G3	B0-U0-G4	B0-U0-G4	B0-U0-G4
	Lumens per Watt	115	120	123	124	119	119	118	120	120
LBC	Lumens	3,327	6,673	10,008	13,290	16,221	19,439	22,709	26,064	29,352
	BUG Rating	B0-U0-G1	B0-U0-G2	B0-U0-G2	B0-U0-G2	B0-U0-G3	B0-U0-G3	B0-U0-G4	B0-U0-G4	B0-U0-G4
	Lumens per Watt	115	120	123	124	119	119	118	120	120

Backlight Control Optics, Output Level 2, 4000K CCT, 70 CRI

Number of Light Squares		1	2	3	4	5	6	7	8	9
Nominal Power (Watts)		39	73	106	144	179	213	249	283	314
Input Current @ 120V		0.320	0.610	0.890	1.220	1.500	1.781	2.110	2.385	2.671
Input Current @ 208V		0.185	0.352	0.513	0.704	0.865	1.027	1.217	1.380	1.540
Input Current @ 240V		0.161	0.307	0.449	0.615	0.756	0.898	1.064	1.210	1.347
Input Current @ 277V		0.141	0.270	0.395	0.539	0.665	0.790	0.934	1.069	1.185
Input Current @ 347V		0.111	0.207	0.314	0.414	0.522	0.629	0.729	0.847	0.943
Input Current @ 480V		0.083	0.152	0.229	0.303	0.380	0.457	0.532	0.620	0.686
Optics		SA1B	SA2B	SA3B	SA4B	SA5B	SA6B	SA7B	SA8B	SA9B
T2BC	Lumens	4,549	9,135	14,026	17,976	22,214	26,621	31,146	35,647	39,532
	BUG Rating	B0-U0-G1	B0-U0-G2	B0-U0-G2	B0-U0-G3	B0-U0-G4	B0-U0-G4	B0-U0-G4	B0-U0-G5	B0-U0-G5
	Lumens per Watt	118	125	132	125	124	125	125	126	126
T3BC	Lumens	4,780	9,599	14,739	18,890	23,344	27,975	32,730	37,460	41,542
	BUG Rating	B0-U0-G2	B0-U0-G2	B0-U0-G3	B0-U0-G4	B0-U0-G4	B0-U0-G4	B0-U0-G5	B0-U0-G5	B0-U0-G5
	Lumens per Watt	124	132	139	131	131	131	131	132	133
T4BC	Lumens	4,622	9,282	14,253	18,267	22,574	27,052	31,650	36,224	40,172
	BUG Rating	B0-U0-G2	B0-U0-G3	B0-U0-G4	B0-U0-G4	B0-U0-G5	B0-U0-G5	B0-U0-G5	B0-U0-G5	B0-U0-G5
	Lumens per Watt	119	128	134	127	126	127	127	128	128
RBC	Lumens	4,159	8,351	12,823	16,434	20,309	24,338	28,475	32,590	36,141
	BUG Rating	B0-U0-G1	B0-U0-G2	B0-U0-G2	B0-U0-G3	B0-U0-G3	B0-U0-G4	B0-U0-G4	B0-U0-G4	B0-U0-G5
	Lumens per Watt	107	115	121	114	114	114	114	115	116
LBC	Lumens	4,158	8,351	12,822	16,434	20,308	24,337	28,474	32,589	36,140
	BUG Rating	B0-U0-G1	B0-U0-G2	B0-U0-G2	B0-U0-G3	B0-U0-G3	B0-U0-G3	B0-U0-G4	B0-U0-G4	B0-U0-G5
	Lumens per Watt	107	115	121	114	114	114	114	115	116

Backlight Control Optics, Output Level 3, 4000K CCT, 70 CRI

Number of Light Squares		1	2	3	4	5	6	7	8	9
Nominal Power (Watts)		50	96	140	190	236	283	330	377	417
Input Current @ 120V		0.427	0.803	1.176	1.606	1.979	2.352	2.782	3.155	3.528
Input Current @ 208V		0.248	0.465	0.672	0.929	1.136	1.343	1.601	1.808	2.015
Input Current @ 240V		0.218	0.407	0.586	0.814	0.993	1.171	1.399	1.578	1.757
Input Current @ 277V		0.192	0.359	0.512	0.718	0.872	1.025	1.231	1.384	1.537
Input Current @ 347V		0.144	0.286	0.418	0.573	0.704	0.836	0.991	1.122	1.253
Input Current @ 480V		0.108	0.209	0.301	0.418	0.510	0.602	0.719	0.811	0.903
Optics		SA1C	SA2C	SA3C	SA4C	SA5C	SA6C	SA7C	SA8C	SA9C
T2BC	Lumens	5,676	11,326	16,920	22,428	27,616	33,094	38,563	43,758	49,195
	BUG Rating	B0-U0-G2	B0-U0-G2	B0-U0-G3	B0-U0-G4	B0-U0-G4	B0-U0-G4	B0-U0-G5	B0-U0-G5	B0-U0-G5
	Lumens per Watt	113	118	121	118	117	117	117	116	118
T3BC	Lumens	5,965	11,902	17,780	23,568	29,020	34,777	40,524	45,983	51,697
	BUG Rating	B0-U0-G2	B0-U0-G2	B0-U0-G3	B0-U0-G4	B0-U0-G5	B0-U0-G5	B0-U0-G5	B0-U0-G5	B0-U0-G5
	Lumens per Watt	119	124	127	124	123	123	123	121	124
T4BC	Lumens	5,768	11,509	17,194	22,791	28,063	33,630	39,187	44,466	49,992
	BUG Rating	B0-U0-G2	B0-U0-G3	B0-U0-G4	B0-U0-G5	B0-U0-G5	B0-U0-G5	B0-U0-G5	B0-U0-G5	B0-U0-G5
	Lumens per Watt	115	120	122	120	119	119	119	117	120
RBC	Lumens	5,189	10,355	15,468	20,504	25,247	30,255	35,255	40,004	44,976
	BUG Rating	B0-U0-G2	B0-U0-G2	B0-U0-G3	B0-U0-G3	B0-U0-G4	B0-U0-G4	B0-U0-G5	B0-U0-G5	B0-U0-G5
	Lumens per Watt	103	108	110	108	107	107	107	106	108
LBC	Lumens	5,189	10,354	15,468	20,503	25,246	30,255	35,255	40,004	44,975
	BUG Rating	B0-U0-G2	B0-U0-G2	B0-U0-G3	B0-U0-G3	B0-U0-G4	B0-U0-G4	B0-U0-G5	B0-U0-G5	B0-U0-G5
	Lumens per Watt	103	108	110	108	107	107	107	106	108

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

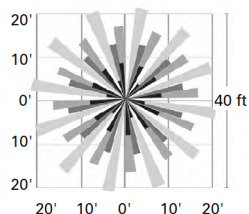
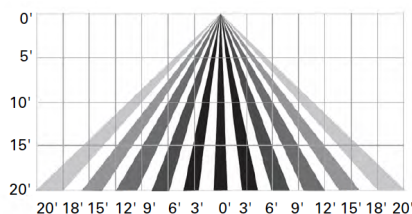
Default Program Settings (Out of the Box Functionality)

Occupancy Sensor				
Setting	MS/DIM	SPB	WaveLinX Lite (WLS4 / WLS2)	WaveLinX (WPS)
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

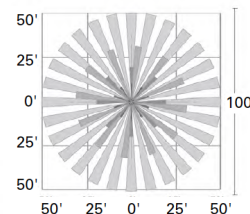
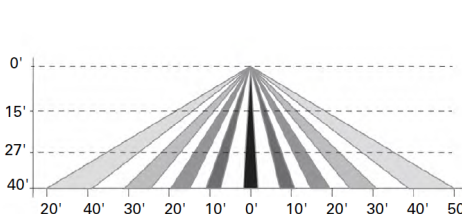
WaveLinX Wireless Control and Monitoring System

Operates on a wireless mesh network based on IEEE 802.15.4 standards enabling wireless control of outdoor lighting. WaveLinX (WPS2 to WPS4) outdoor wireless sensors offer passive infrared (PIR) occupancy and photocell for closed loop daylight harvesting. 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 (WLS4 and WLS2) outdoor wireless sensors provide PIR occupancy and photocell for closed loop daylight harvesting. 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' (WPS2 and WLS2)



For mounting heights up to 40' (WPS4 and WLS4)



AirMesh (DIM10)

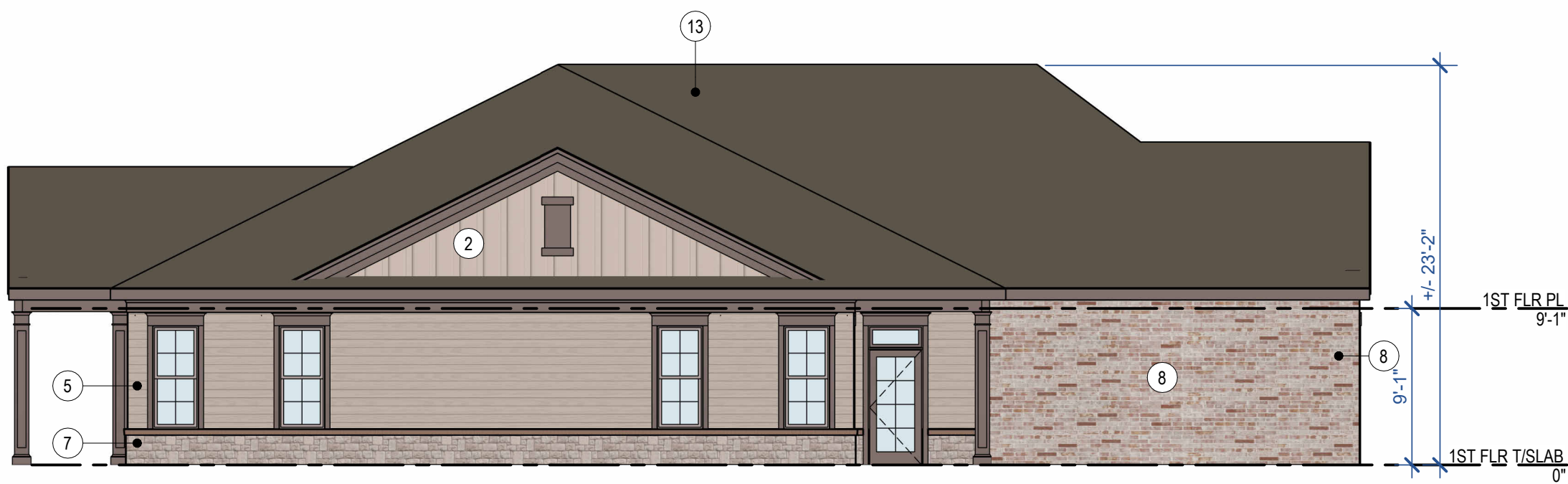
AirMesh integrated wireless controls system includes factory installed DIM10 Synapse control module and FSP-201 motion sensor; requires additional AirMesh components for operation. Contact Synapse at www.synapsewireless.com for product support, warranty and terms and conditions.



SITE PLAN
1" = 60'-0"



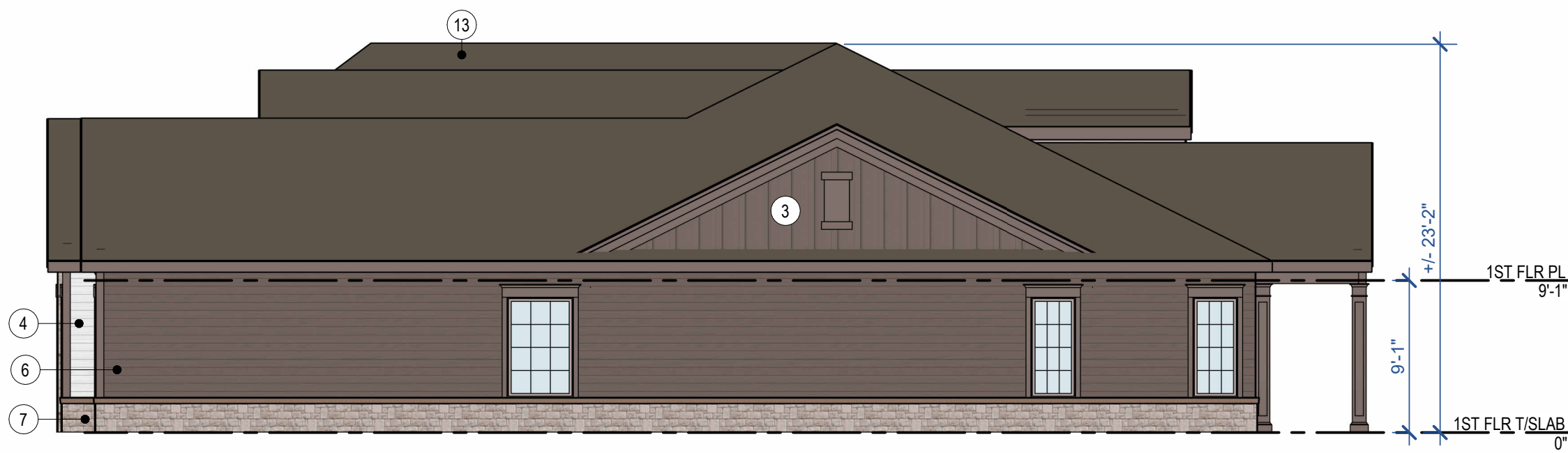
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- 2 BOARD & BATTEN - SAND DUNE
- 3 BOARD & BATTEN - HOMESTEAD BROWN
- 4 LAP SIDING - ARCADE WHITE
- 5 LAP SIDING - SAND DUNE
- 6 LAP SIDING - HOMESTEAD BROWN
- 7 STONE - DOVE GRAY
- 8 BRICK RED BLEND/WHITE WASH
- 9 STONE - BUFF SHELL
- 10 STUCCO - ARCADE WHITE
- 11 STUCCO - SAND DUNE
- 12 STUCCO - HOMESTEAD BROWN
- 13 ASPHALT SHINGLE - WEATHERED WOOD



4 BUILDING TYPE A - LEFT
1/8" = 1'-0"



2 BUILDING TYPE A - REAR
1/8" = 1'-0"



3 BUILDING TYPE A - RIGHT
1/8" = 1'-0"

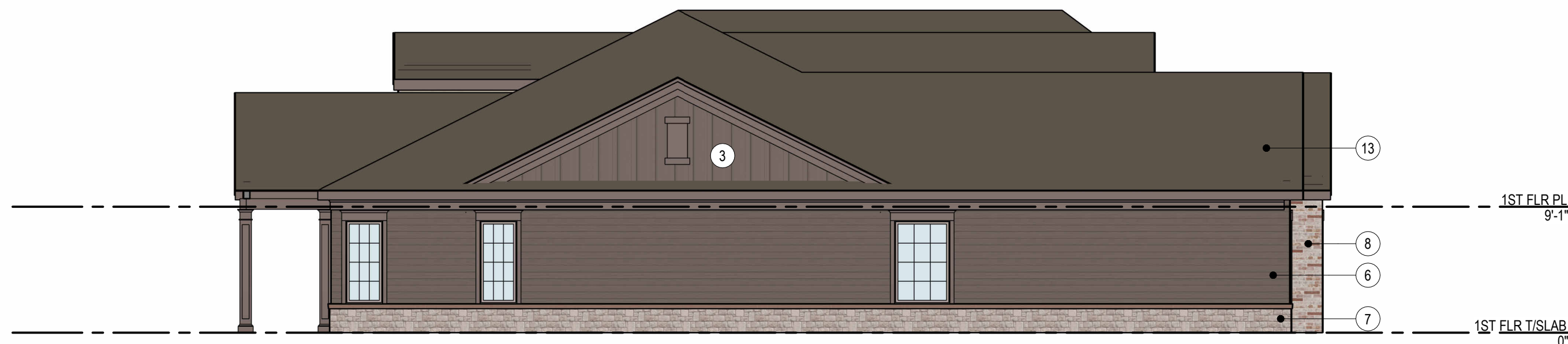


1 BUILDING TYPE A - FRONT
1/8" = 1'-0"

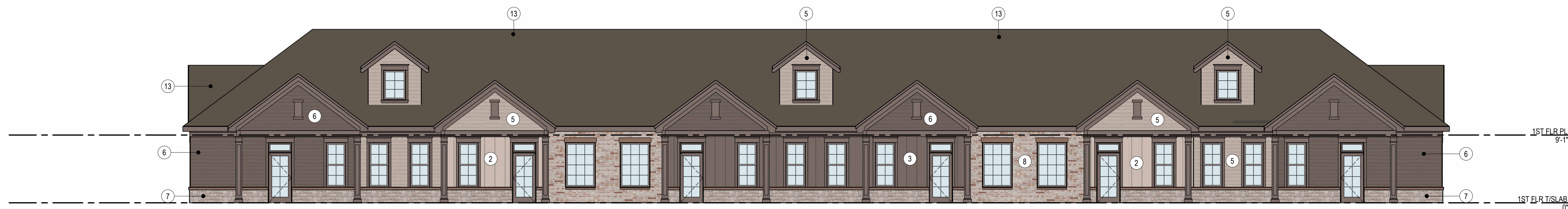
- 1 BOARD & BATTEN - ARCADE WHITE
- 2 BOARD & BATTEN - SAND DUNE
- 3 BOARD & BATTEN - HOMESTEAD BROWN
- 4 LAP SIDING - ARCADE WHITE
- 5 LAP SIDING - SAND DUNE
- 6 LAP SIDING - HOMESTEAD BROWN
- 7 STONE - DOVE GRAY
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- 11 STUCCO - SAND DUNE
- 12 STUCCO - HOMESTEAD BROWN
- 13 ASPHALT SHINGLE - WEATHERED WOOD



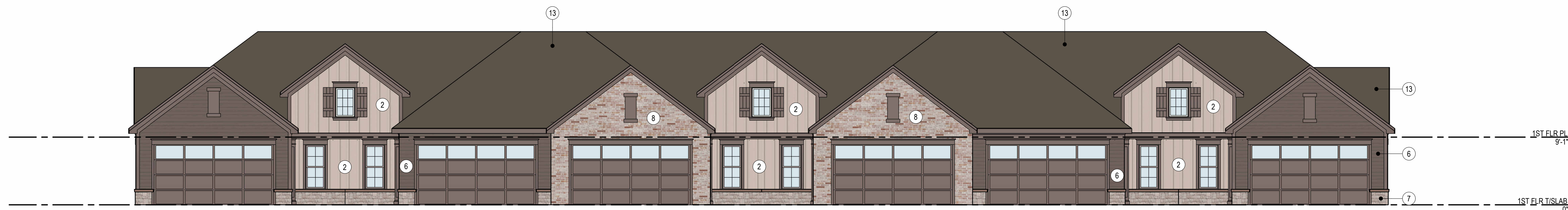
3 BUILDING TYPE B - RIGHT
1/8" = 1'-0"



2 BUILDING TYPE B - LEFT
1/8" = 1'-0"



4 BUILDING TYPE B - REAR
1/8" = 1'-0"

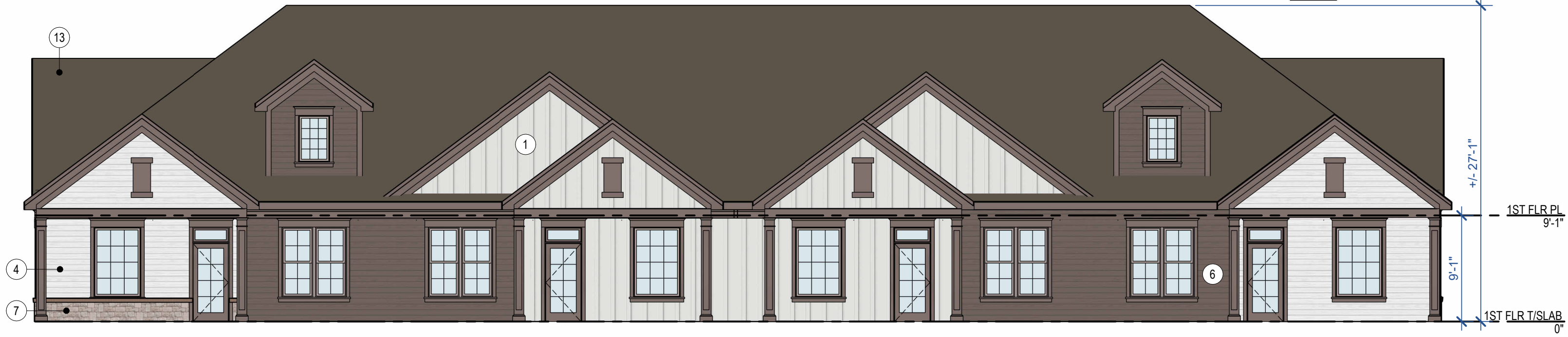


1 BUILDING TYPE B - FRONT
1/8" = 1'-0"

- 1 BOARD & BATTEN - ARCADE WHITE
- 2 BOARD & BATTEN - SAND DUNE
- 3 BOARD & BATTEN - HOMESTEAD BROWN
- 4 LAP SIDING - ARCADE WHITE
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- 11 STUCCO - SAND DUNE
- 12 STUCCO - HOMESTEAD BROWN
- 13 ASPHALT SHINGLE - WEATHERED WOOD



4 RIGHT ELEVATION
1/8" = 1'-0"



3 BUILDING C - REAR
1/8" = 1'-0"

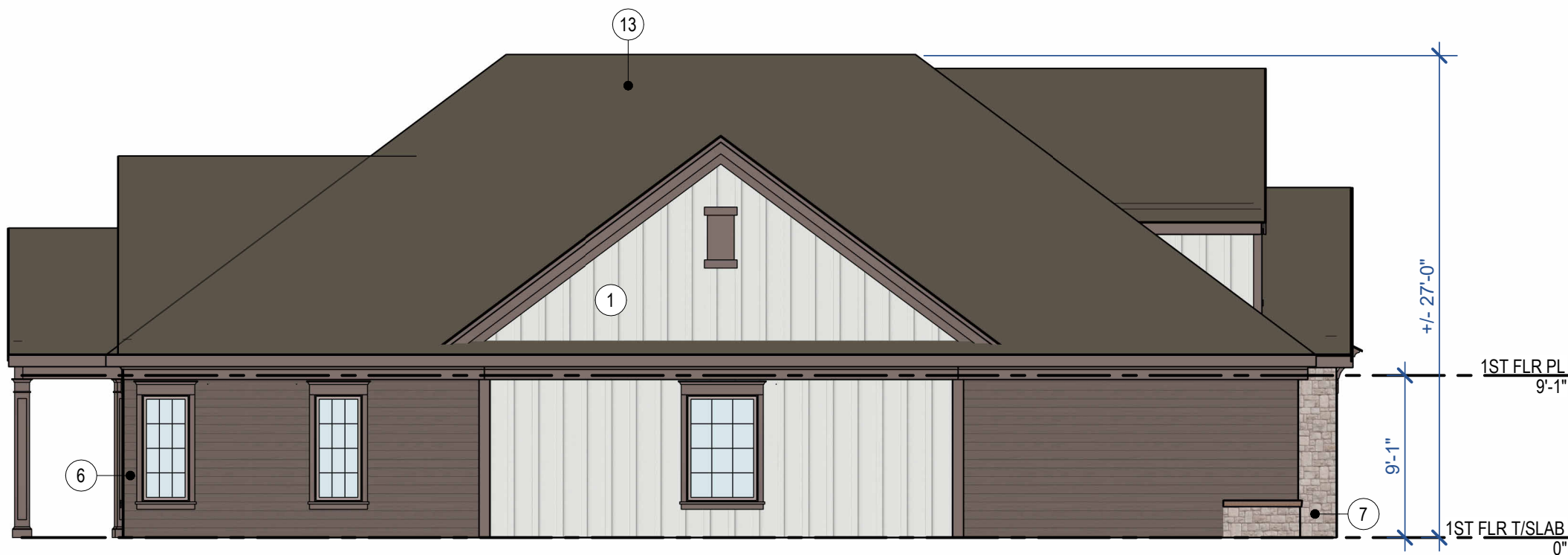


2 BUILDING C - LEFT
1/8" = 1'-0"

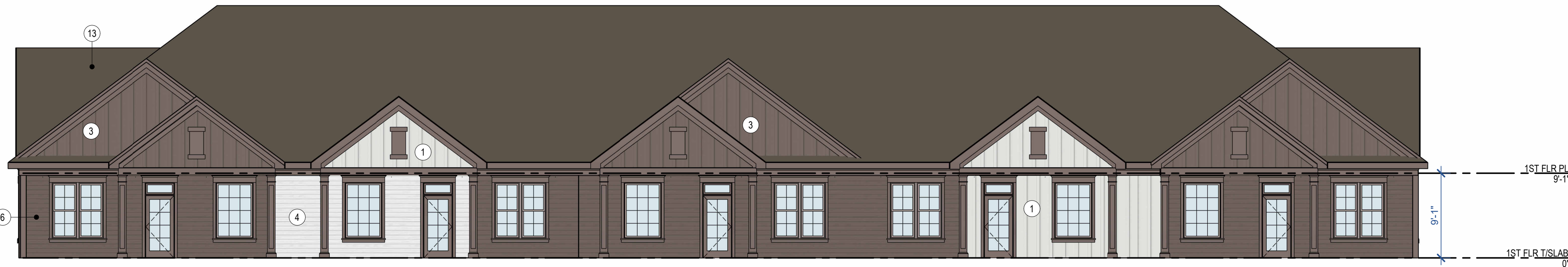


1 BUILDING C - FRONT
1/8" = 1'-0"

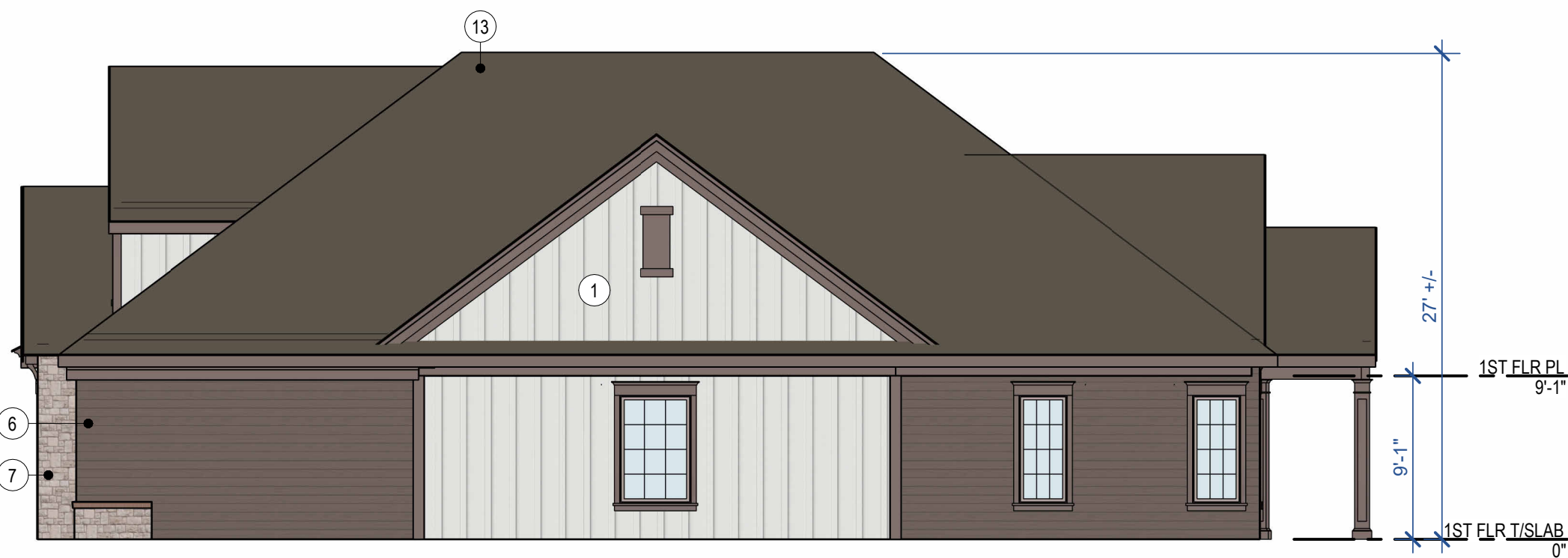
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- 2 BOARD & BATTEN - SAND DUNE
- 3 BOARD & BATTEN - HOMESTEAD BROWN
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- 10 STUCCO - ARCADE WHITE
- 11 STUCCO - SAND DUNE
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- 13 ASPHALT SHINGLE - WEATHERED WOOD



4 BUILDING D - SIDE 2
1/8" = 1'-0"



2 REAR ELEVATION
1/8" = 1'-0"

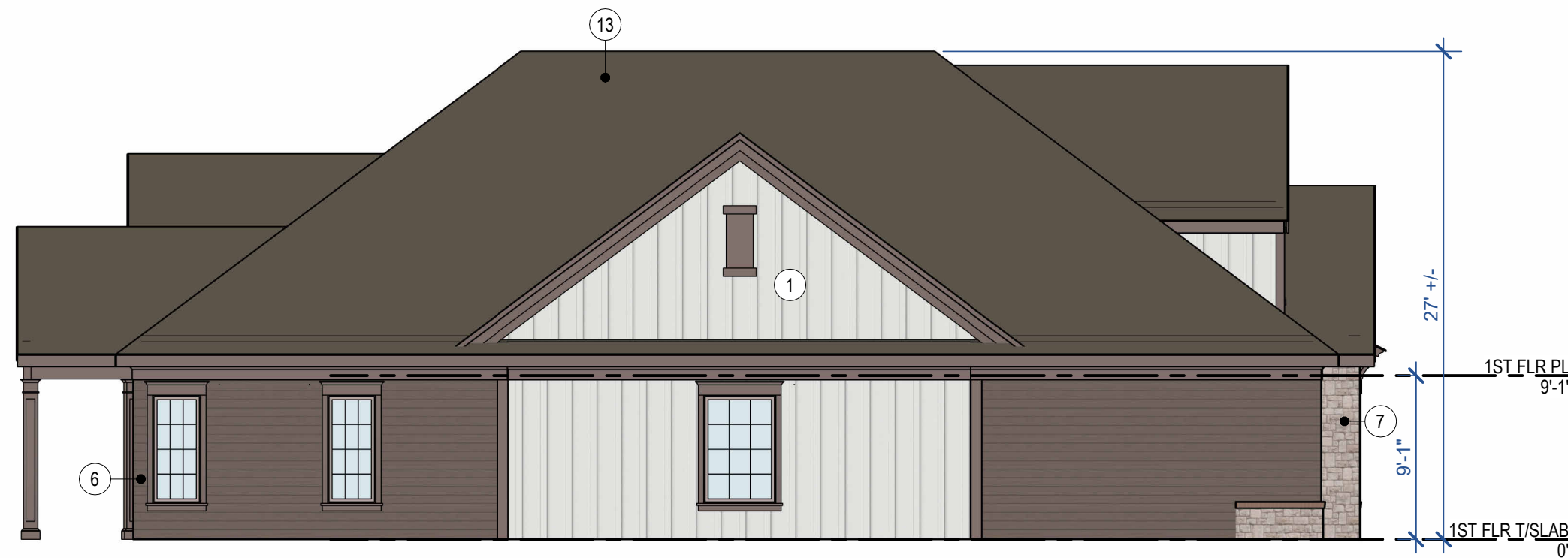


3 BUILDING D - SIDE
1/8" = 1'-0"

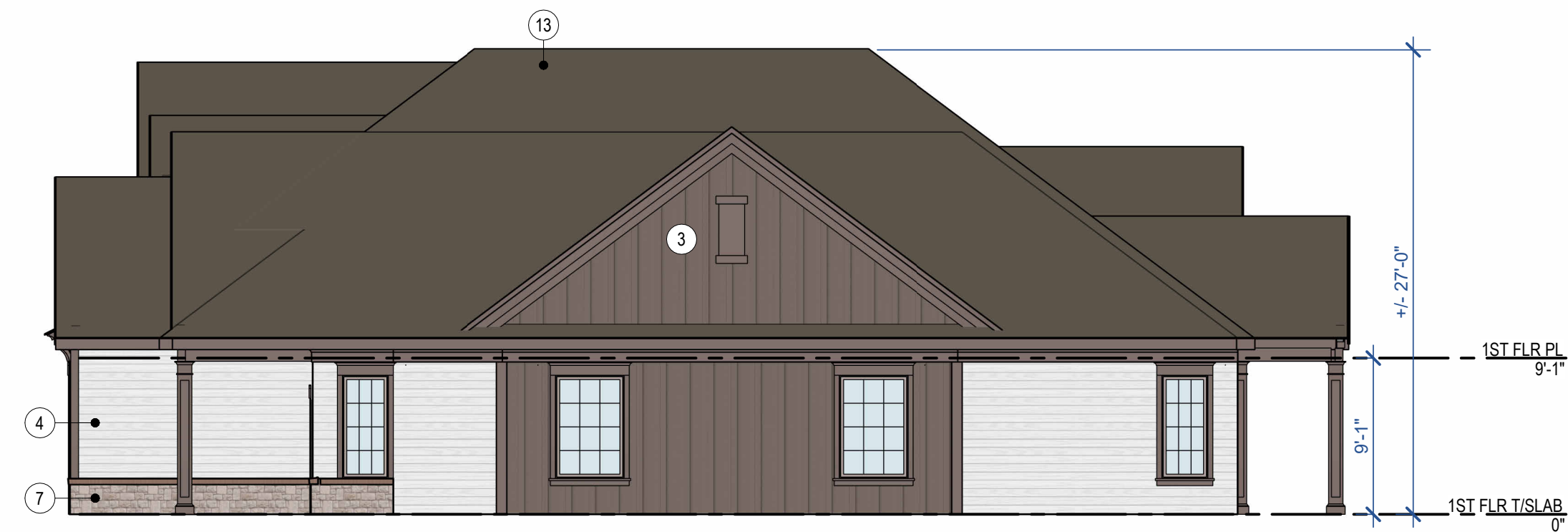


1 STREET SIDE ELEVATION
1/8" = 1'-0"

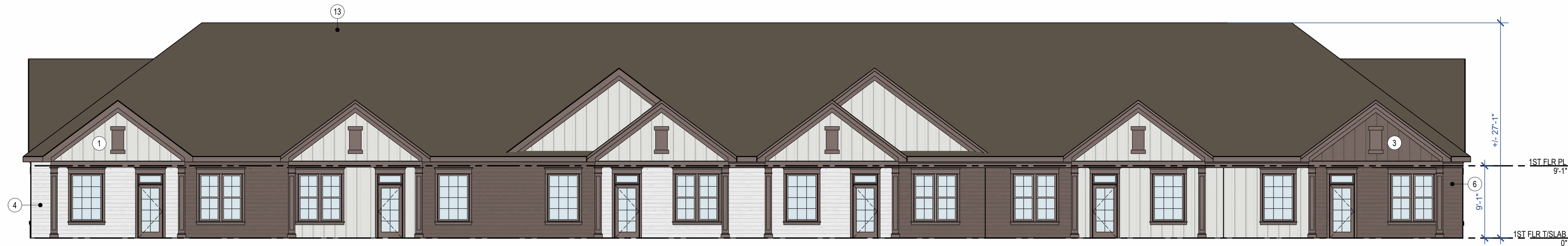
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- 13 ASPHALT SHINGLE - WEATHERED WOOD



3 BUILDING E - SIDE ELEVATION 2
1/8" = 1'-0"



4 BUILDING E - SIDE ELEVATION
1/8" = 1'-0"

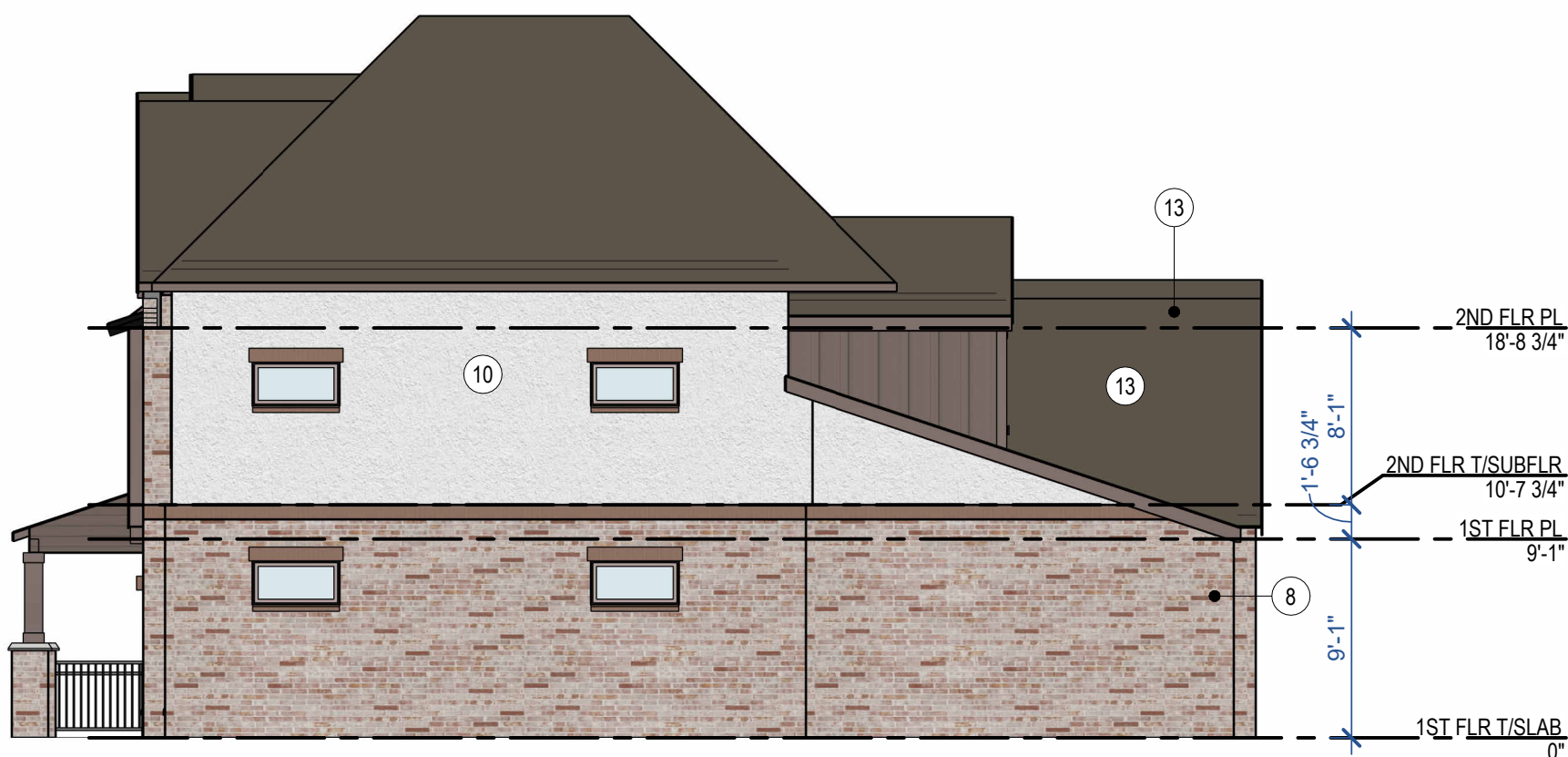


2 REAR ELEVATION
1/8" = 1'-0"



1 STREET SIDE ELEVATION
1/8" = 1'-0"

- 1 BOARD & BATTEN - ARCADE WHITE
- 2 BOARD & BATTEN - SAND DUNE
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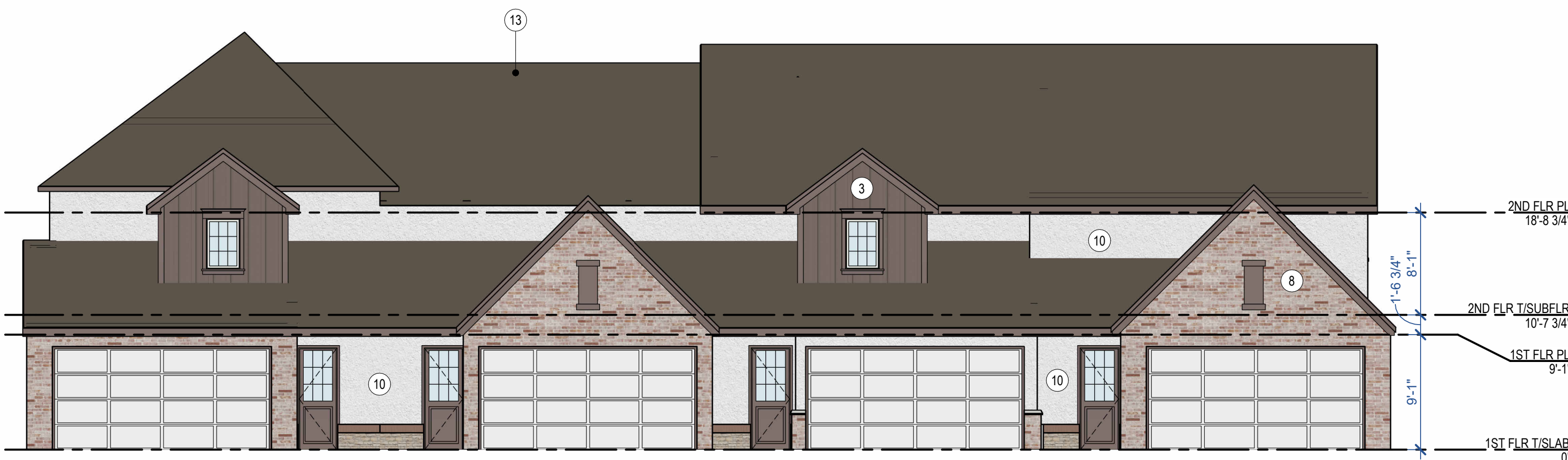
3 BUILDING F - RIGHT
1/8" = 1'-0"



4 BUILDING TYPE F - STREET SIDE
1/8" = 1'-0"

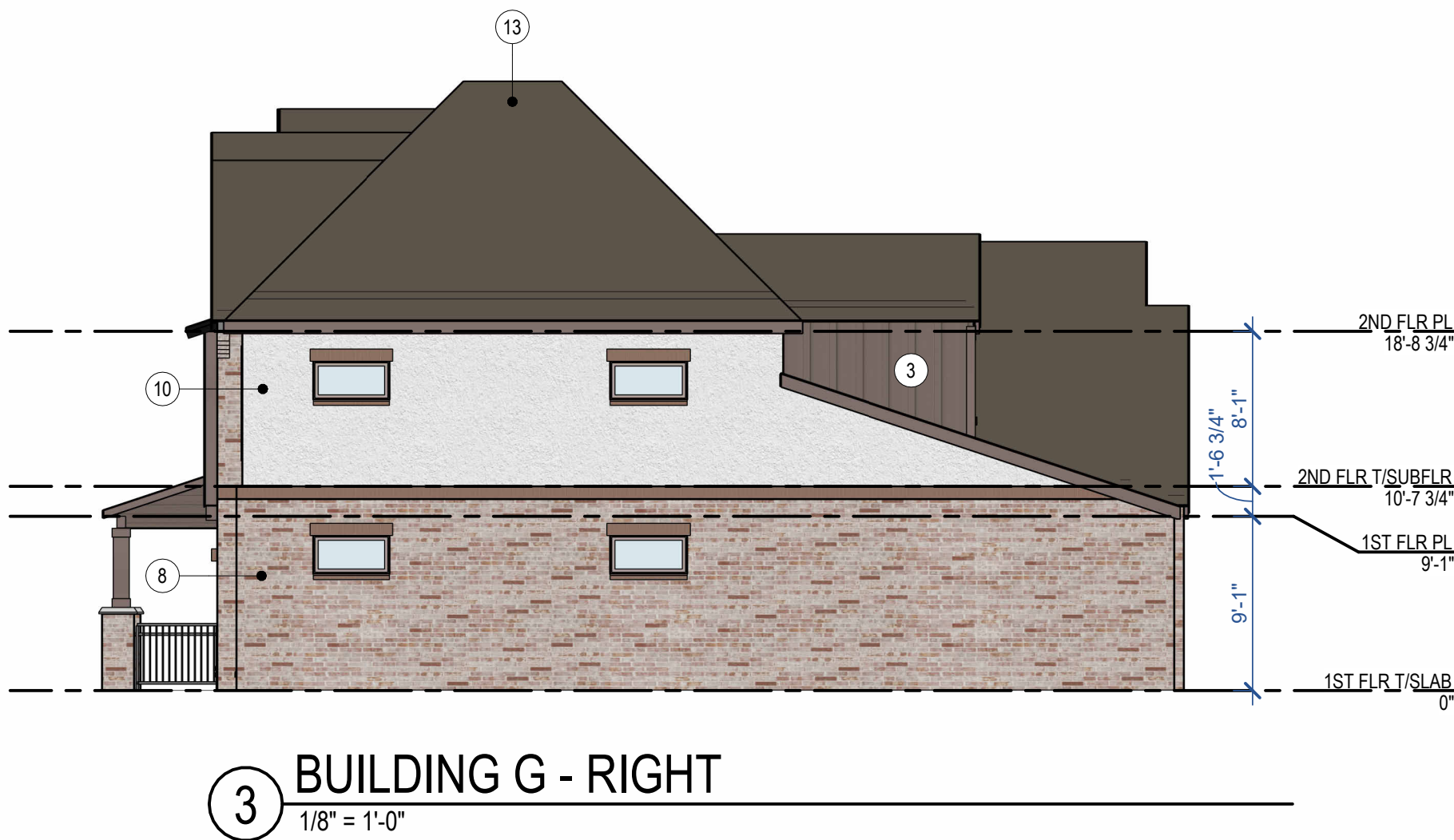
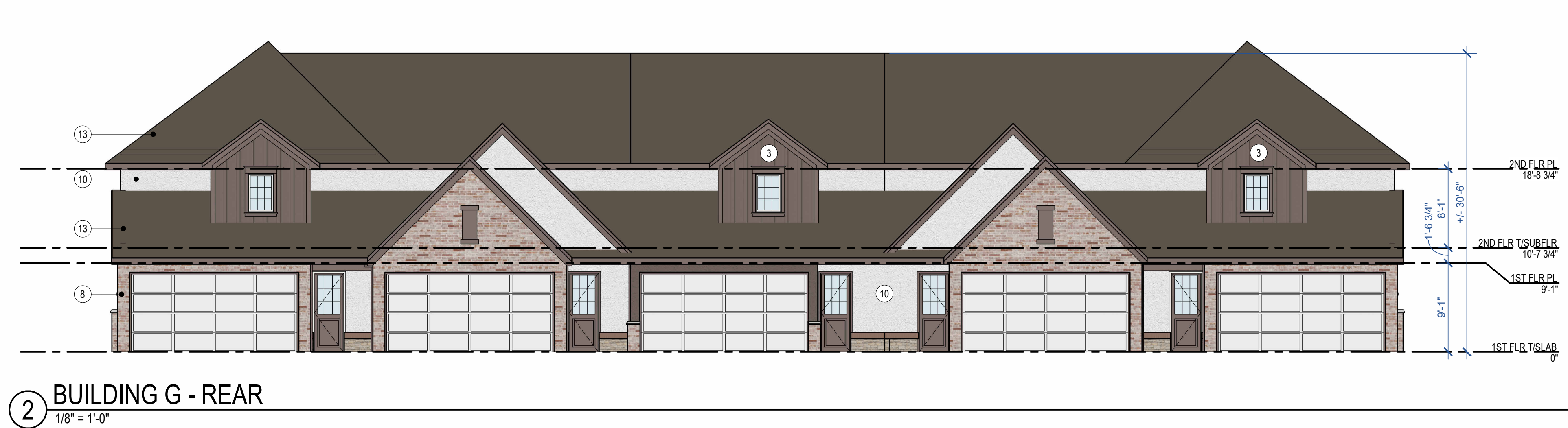
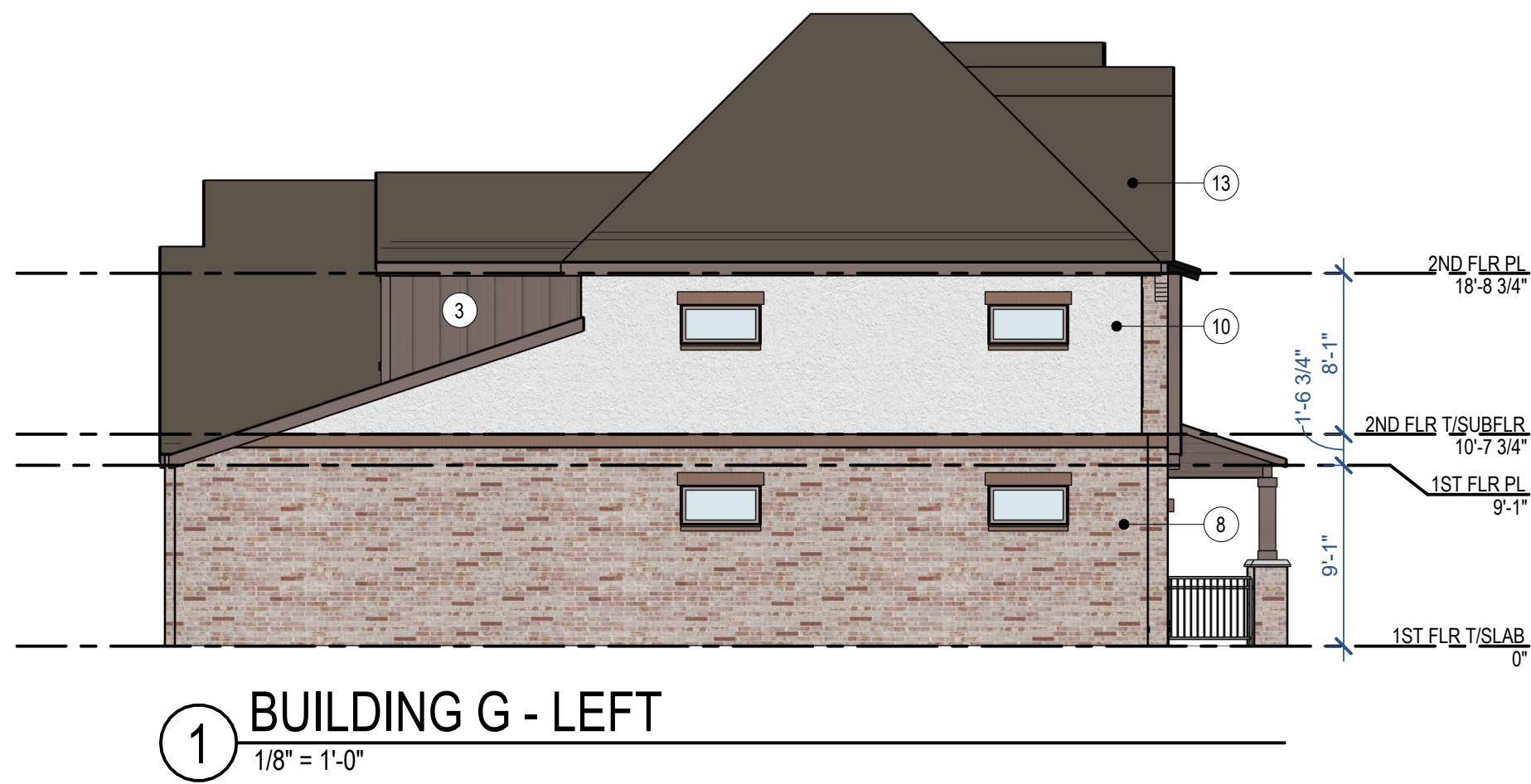


1 BUILDING F - LEFT
1/8" = 1'-0"



2 BUILDING F - REAR ELEVATION
1/8" = 1'-0"

- 1 BOARD & BATTEN - ARCADE WHITE
- 2 BOARD & BATTEN - SAND DUNE
- 3 BOARD & BATTEN - HOMESTEAD BROWN
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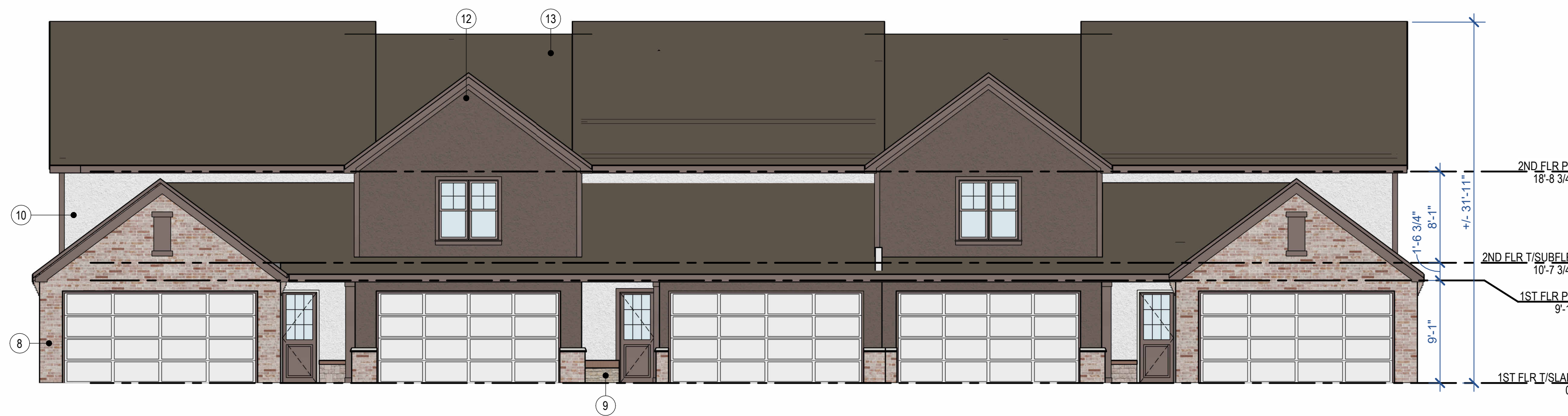
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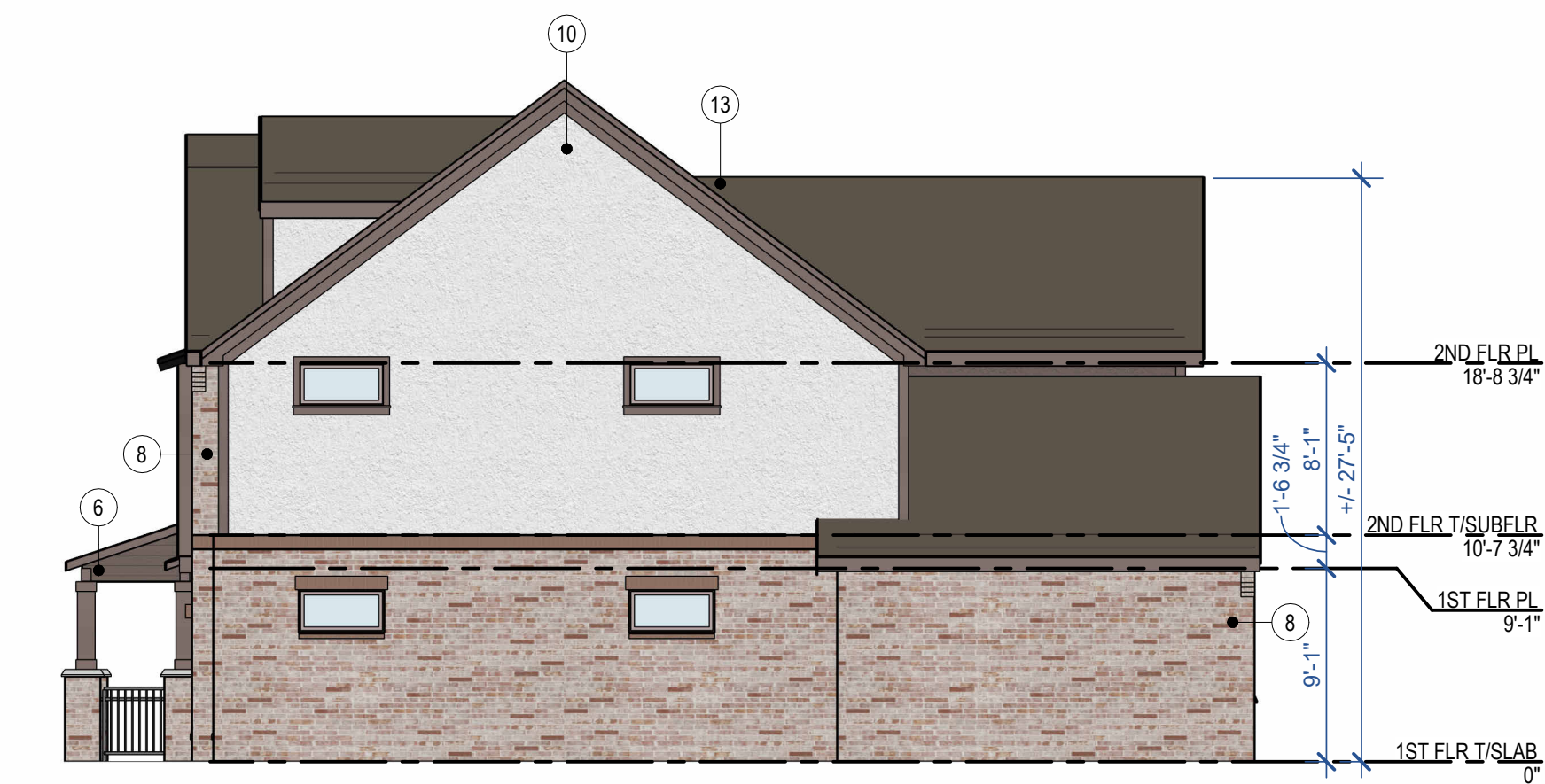
4 BUILDING TYPE H - STREET SIDE
1/8" = 1'-0"



3 BUILDING H - LEFT
1/8" = 1'-0"

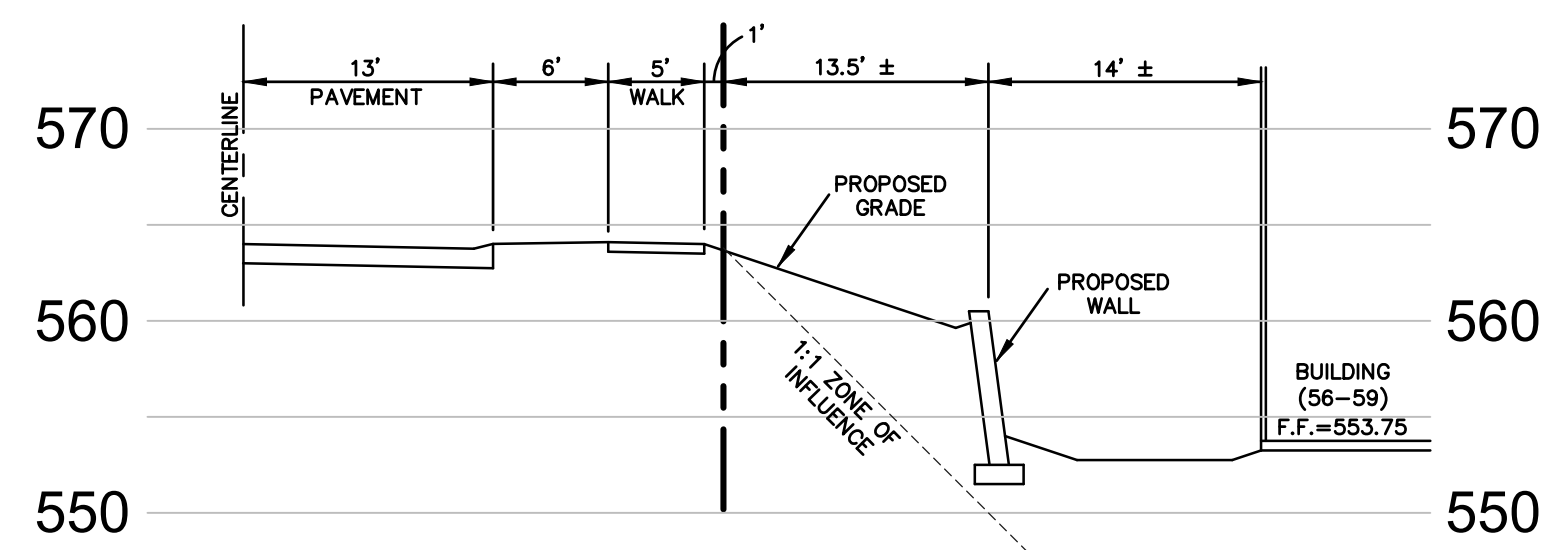


2 BUILDING H - REAR ELEVATION
1/8" = 1'-0"

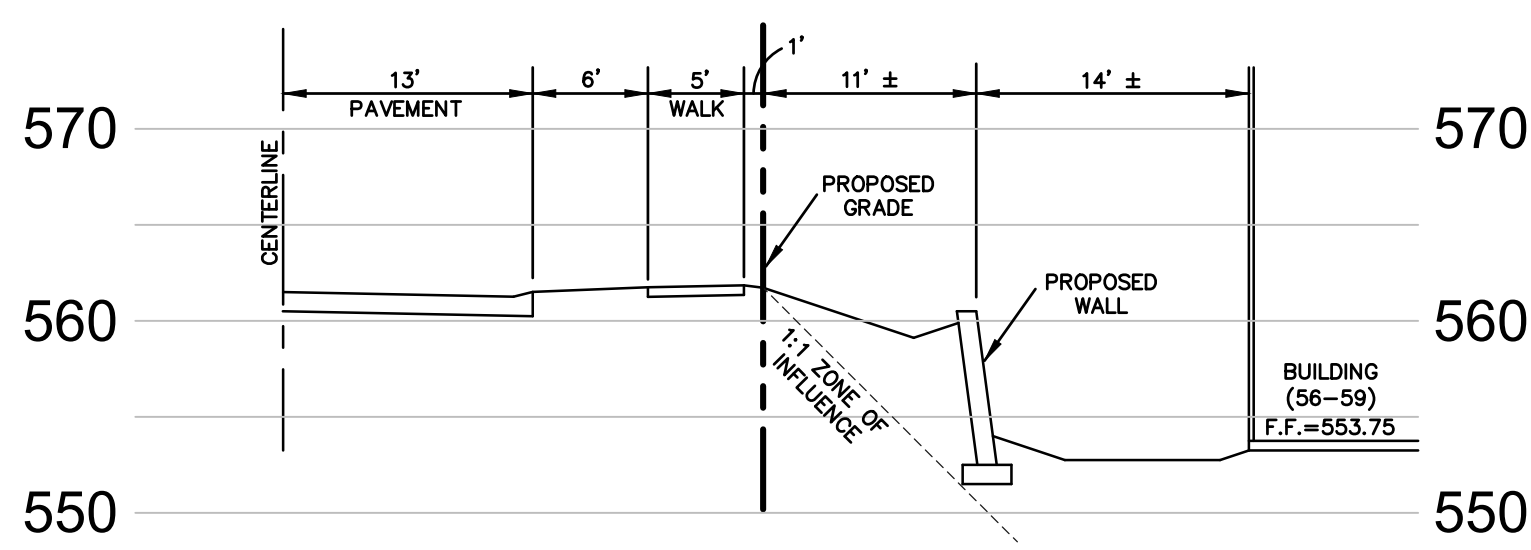


1 BUILDING H - RIGHT
1/8" = 1'-0"

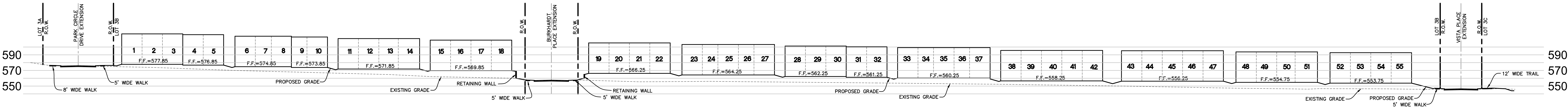




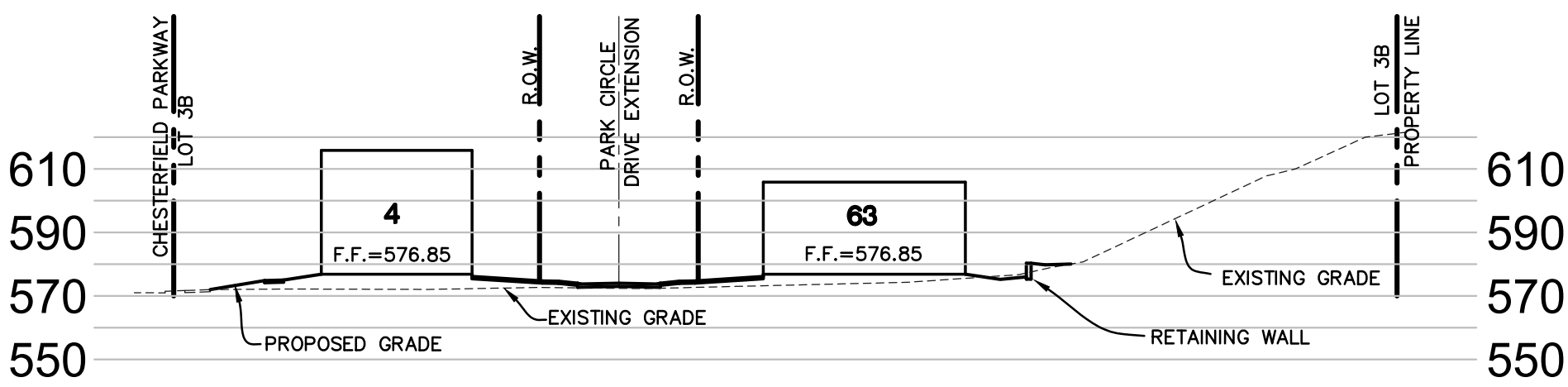
SECTION Z1-Z1
SCALE: 1"=50'



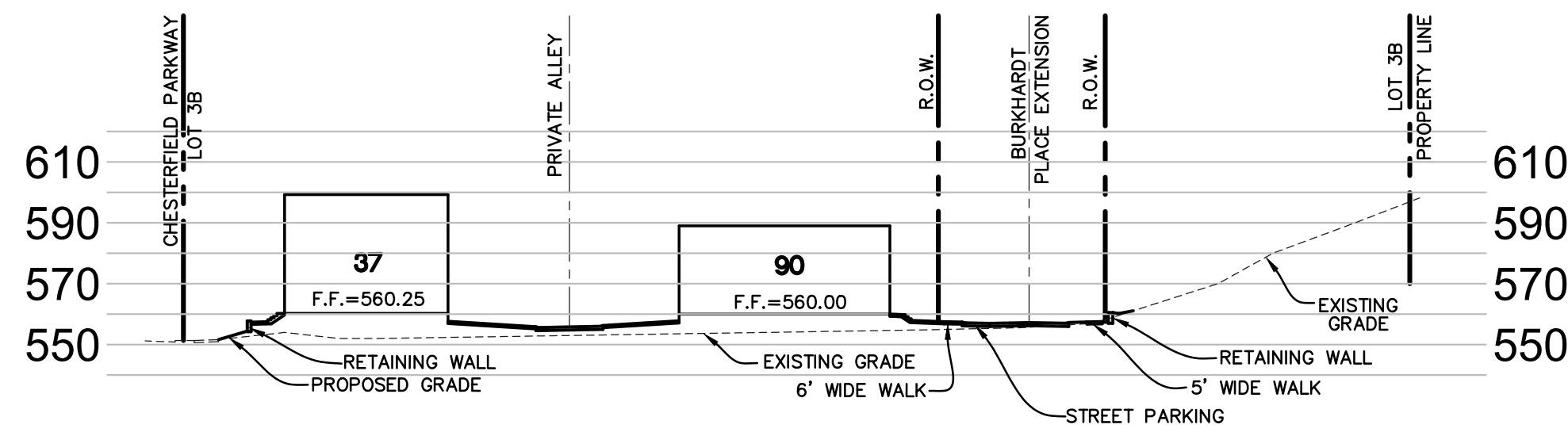
SECTION Z2-Z2
SCALE: 1"=50'



SECTION A-A
SCALE: 1"=50'

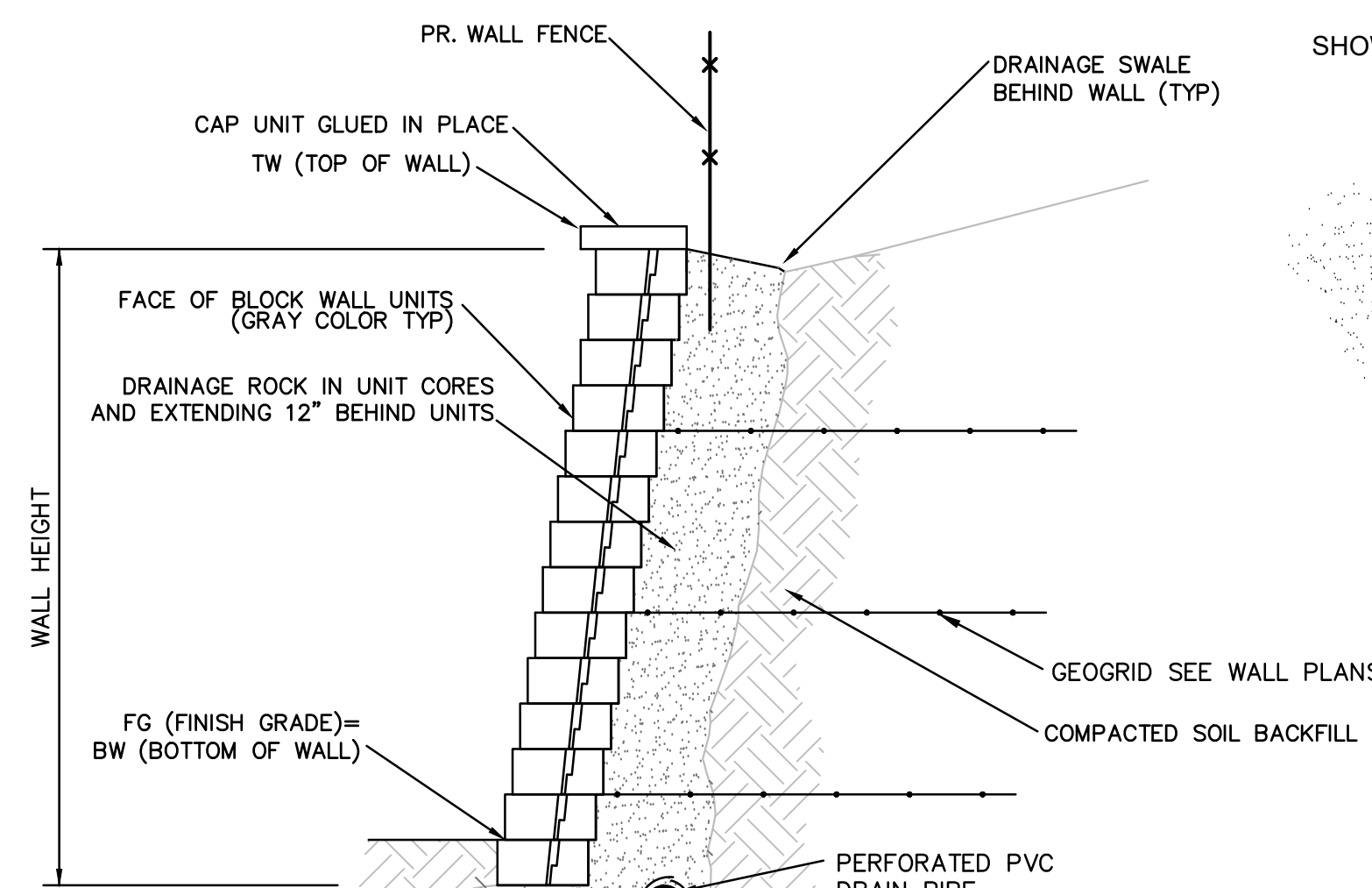


SECTION B-B
SCALE: 1"=50'



SECTION C-C
SCALE: 1"=50'

NOTE: WALL STONE COLOR TO MATCH STONE ON TOWNHOME BUILDINGS



ISOMETRIC VIEW

MODULAR BLOCK (M.S.E.) RETAINING WALL TYPICAL SECTION

N.T.S.

NOTE:

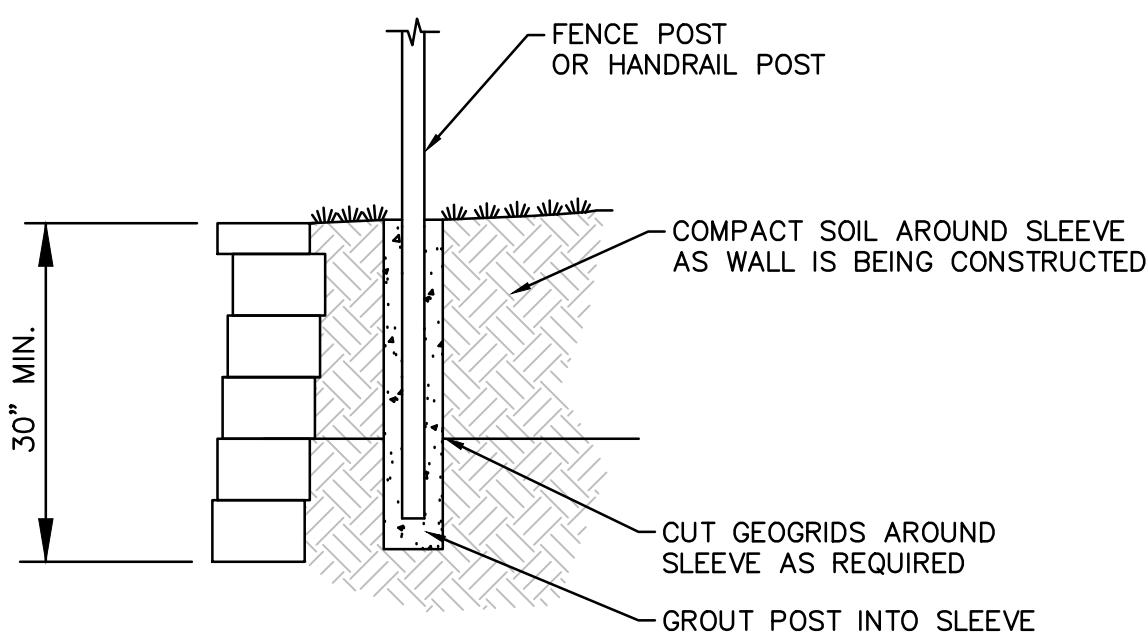
CONTRACTOR SHALL PROVIDE THE DESIGN AND INSTALLATION OF A COMPLETE MODULAR BLOCK WALL SYSTEM WITH STRUCTURAL CALCULATIONS, GLOBAL STABILITY ANALYSIS & SHOP DRAWINGS PREPARED BY A REGISTERED MISSOURI PROFESSIONAL ENGINEER.

RETAINING WALL NOTES:

- ALL CONSTRUCTION SHALL BE PER THE MANUFACTURERS RECOMMENDATION. GLOBAL & FOUNDATION STABILITY SHALL BE VERIFIED BY PROJECT GEOTECHNICAL ENGINEER & SUBMITTED TO STOCK & ASSOCIATES PRIOR TO INSTALLATION. FOOTING & COMPACTION TESTING SHALL BE PERFORMED BY PROJECT GEOTECHNICAL ENGINEER.
- THE WALL PROFILE INFORMATION IS FOR CONCEPT ONLY. DETAILED SHOP DRAWINGS FOR THE PROPOSED RETAINING WALL SHALL BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF MISSOURI SPECIALIZING IN RETAINING WALL DESIGN. DRAWINGS SHALL BE SUBMITTED TO STOCK & ASSOCIATES FOR GENERAL COMPLIANCE WITH GRADING PLAN PRIOR TO WALL CONSTRUCTION.
- VERIFY ALTERNATE WALL SYSTEMS WITH OWNER.
- SHOP DRAWINGS & STABILITY ANALYSES SHALL BE SUBMITTED BY WALL DESIGNER TO ST. LOUIS COUNTY FOR PERMITTING.
- GEOTECHNICAL ENGINEER SHALL DESIGN RETAINING WALL IN RELATION TO LOADS AND FOOTINGS OF BUILDINGS. DEPTH OF RETAINING WALL FOOTINGS SHALL BE DESIGNED TO PREVENT NO STEEPER THAN 1:1 ZONE OF INFLUENCE TO BOTTOM OF ADJACENT SEWERS AND WATERLINES (UTILITIES).

THE ABOVE INFORMATION IS A CONCEPT ONLY. ACTUAL DESIGN OF RETAINING WALL SHALL BE BY A LICENSED PROFESSIONAL ENGINEER & SUBMITTED TO STOCK & ASSOCIATES FOR GENERAL COMPLIANCE W/ GRADING PLAN.

WALL CONTRACTOR RESPONSIBLE FOR FINAL DESIGN OF THE WALL(S) INCLUDING FOUNDATION & GLOBAL STABILITY ANALYSIS BY A LICENSED GEOTECHNICAL ENGINEER.



FENCE DETAIL
NOT TO SCALE

NOTE: ALL WALLS OVER 30" TALL TO HAVE A FENCE

PRODUCT INFORMATION:

- AMERSTAR ECHOLON PLUS ORNAMENTAL ALUMINUM FENCE, MAJESTIC STYLE
- ECHOLON PLUS MAJESTIC 1 RAIL PANEL
- STANDARD BOTTOM
- BLACK IN COLOR
- 5' HIGHEST

NOTES:
1. SEE ECHOLON PLUS POST SIZING CHART.

MANUFACTURER:
Amerstar Fence Products
879 Parkway Drive, Suite 101
St. Charles, MO 63303
info@amerstarfence.com
888-333-3423

THE ABOVE INFORMATION IS A CONCEPT ONLY. ACTUAL DESIGN OF RETAINING WALL SHALL BE BY A LICENSED PROFESSIONAL ENGINEER & SUBMITTED TO STOCK & ASSOCIATES FOR GENERAL COMPLIANCE W/ GRADING PLAN.

WALL CONTRACTOR RESPONSIBLE FOR FINAL DESIGN OF THE WALL(S) INCLUDING FOUNDATION & GLOBAL STABILITY ANALYSIS BY A LICENSED GEOTECHNICAL ENGINEER.

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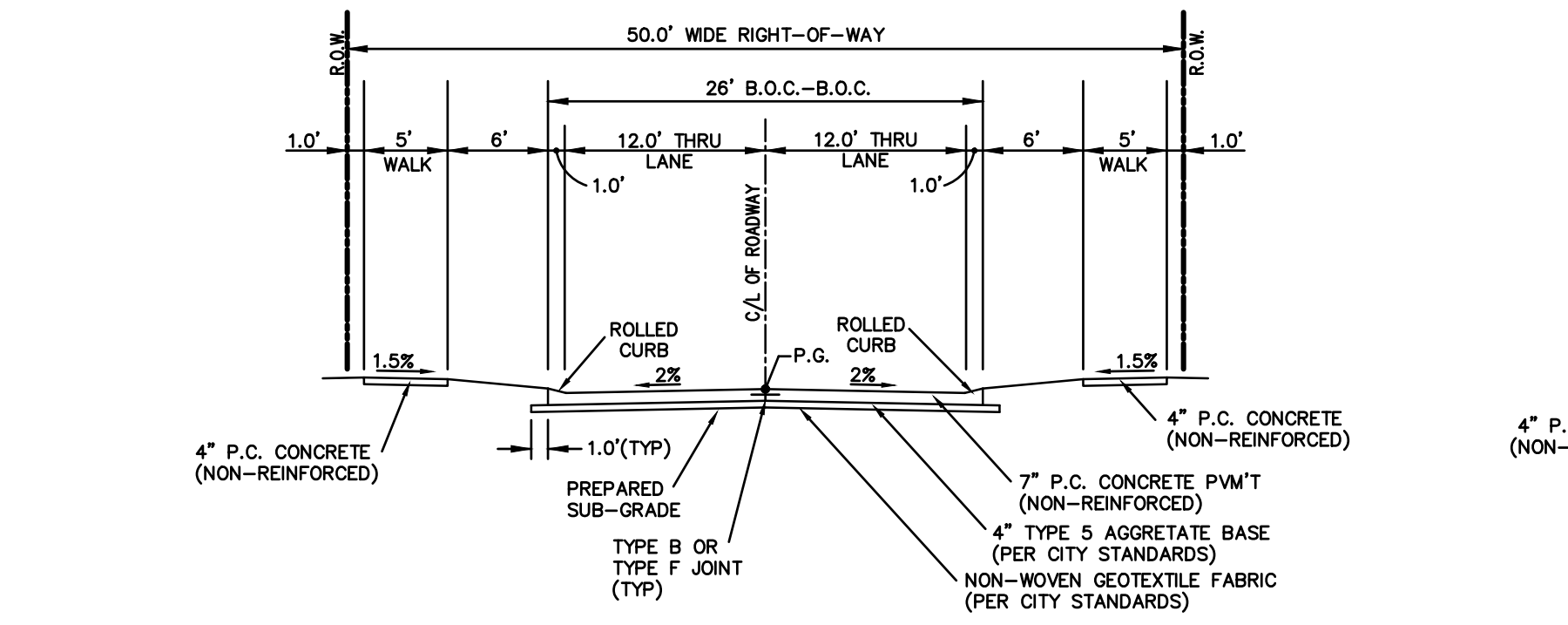
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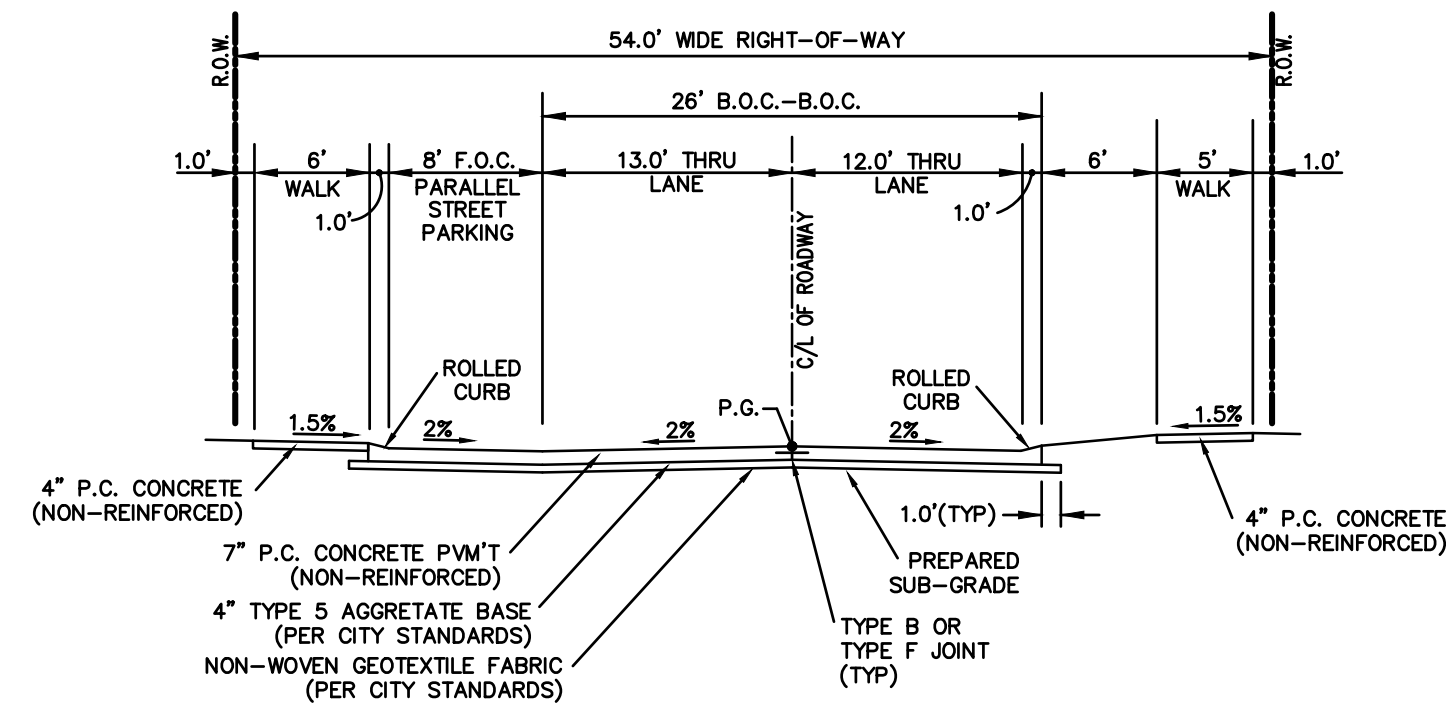
THE ABOVE INFORMATION IS A CONCEPT ONLY. ACTUAL DESIGN OF RETAINING WALL SHALL BE BY A LICENSED PROFESSIONAL ENGINEER & SUBMITTED TO STOCK & ASSOCIATES FOR GENERAL COMPLIANCE W/ GRADING PLAN.

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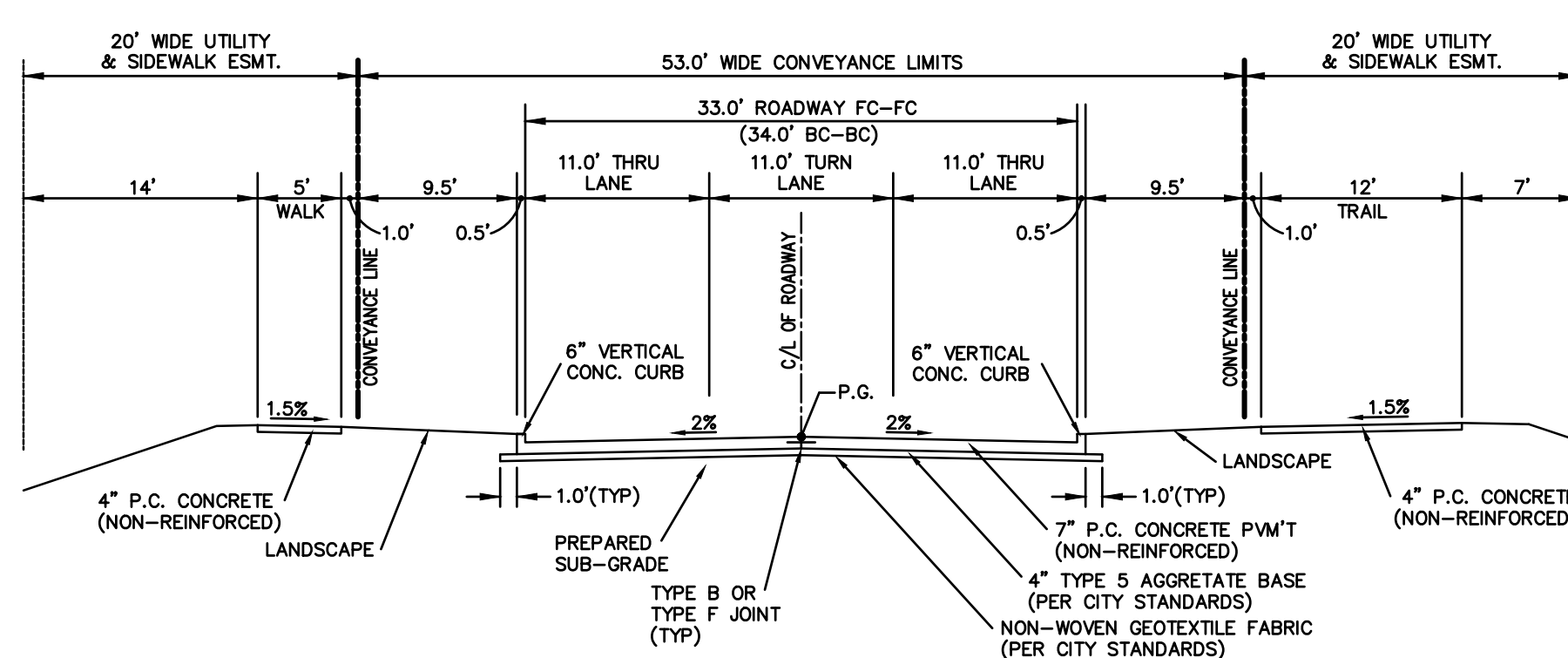
TYPICAL STREET SECTION (BURKHARDT / PARK CIRCLE)

INTERNAL STREETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ARTICLE 04-09 OF THE UNITED DEVELOPMENT CODE OF THE CITY OF CHESTERFIELD

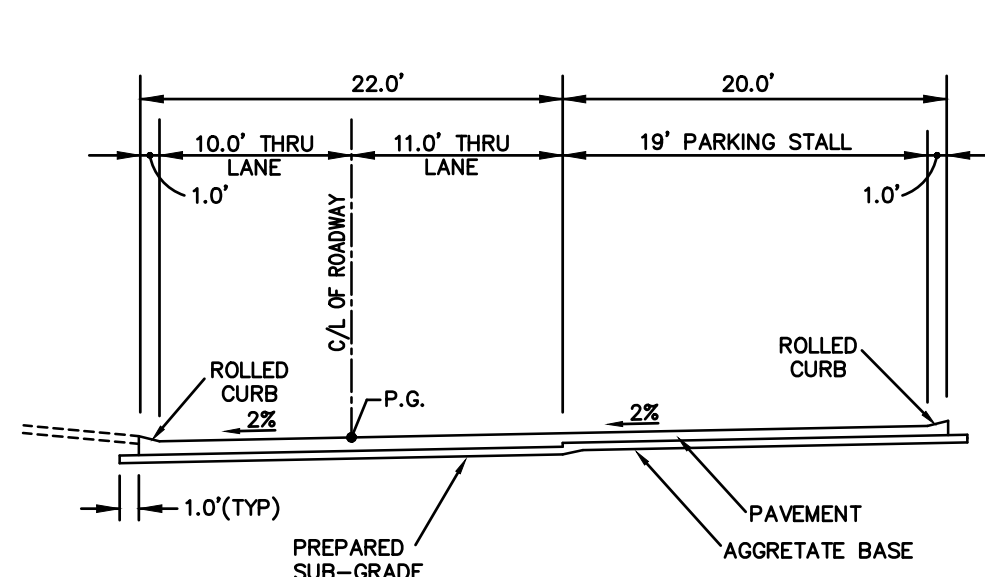


MODIFIED STREET SECTION (BURKHARDT) - INCLUDE STREET PARKING

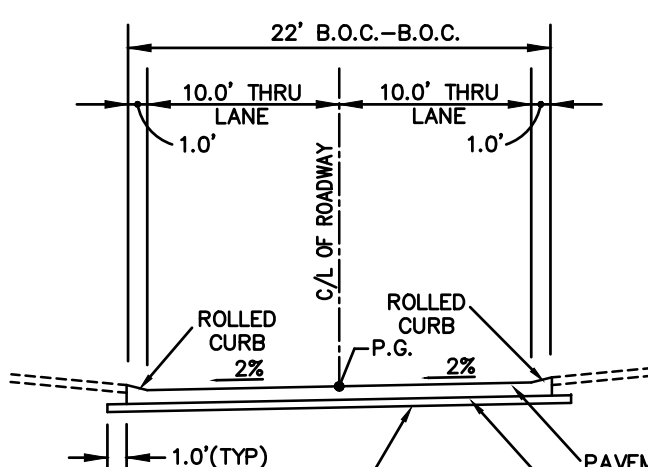
INTERNAL STREETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ARTICLE 04-09 OF THE UNITED DEVELOPMENT CODE OF THE CITY OF CHESTERFIELD



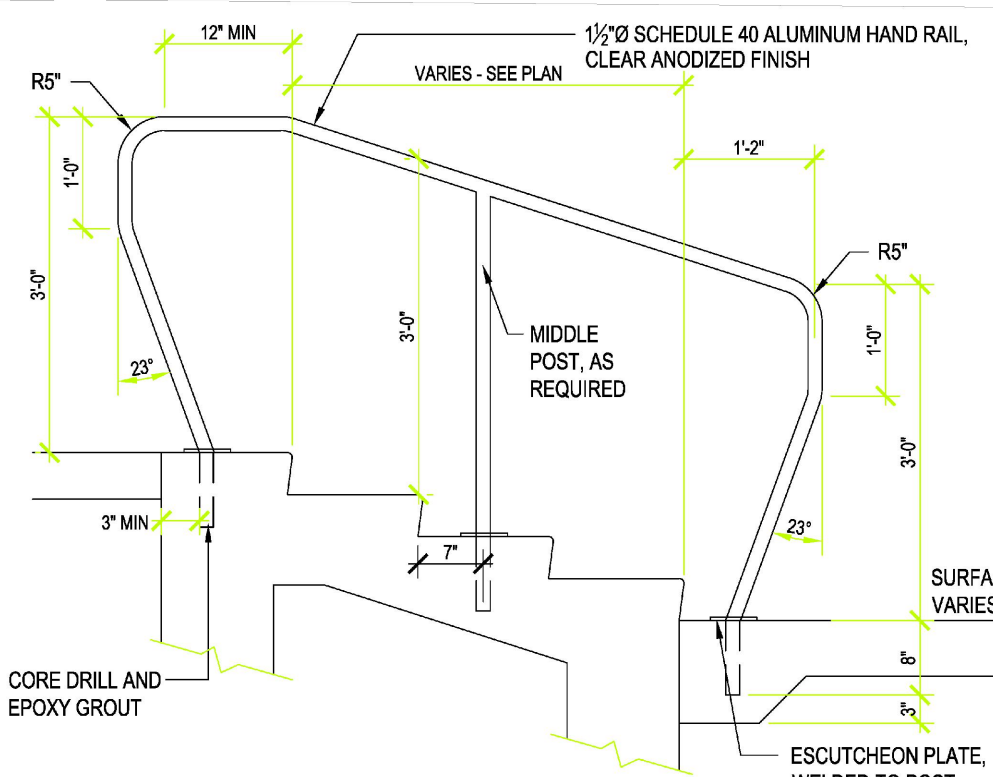
VISTA PLACE EXTENSION
(TYPICAL SECTION VIEW)



TYPICAL ALLEY SECTION w/ PARKING



TYPICAL ALLEY SECTION



NOTES:
1. HAND RAIL DRAWINGS DEPICT DESIGN INTENT ONLY. CONTRACTOR SHALL SUBMIT ENGINEERED SHOP DRAWINGS THAT ENSURE SAFE AND SECURE INSTALLATION.
2. ALL HAND RAILS SHALL MEET ADA ACCESSIBILITY GUIDELINES, CURRENT EDITION.

HAND RAIL (TYP.)
3/4" = 1'-0"

REVISIONS:			
11/13/2026 PER COMMENTS			
PROJECT:	SITE DEVELOPMENT SECTION PLAN LOT 3B	M.S.D. P. #	BASE MAP #
VILLAS AT DOWNTOWN CHESTERFIELD		S.L.C. HMT #	HMT S.U.P. #
CHESTERFIELD, MISSOURI		M.D.N.R. #	Permit No.
ORDINANCE NO. 3296 (SDCP RECORDED BK 372 PGS 654-676)			
PREPARED BY:	STOCK & ASSOCIATES Consulting Engineers, Inc.	257 Chesterfield Business Parkway St. Louis, MO 63005 PH: (636) 530-9100 FAX: (636) 530-9100 e-mail: general@stockandassociates.com Web: www.stockandassociates.com	SHEET TITLE: PARTIAL AMENDED SITE DEVELOPMENT CONCEPT PLAN FOR THE VILLAS AT DOWNTOWNCHESTERFIELD
DATE:	11/11/2025	SCALE:	NOTED
DRAWN BY:	T.S.	CHECKED BY:	G.M.S.
JOB NO.:	7647		
SHEET NO.:	C3.0		

Tristor Real Estate Acquisitions, LLC, the owner under contract of the property shown on this plan for and in consideration of being granted a permit to develop property under the provisions of Chapter.

"PC&R" - Planned Commercial & Residence of the City of Chesterfield (present zoning)

Ordinance No. 3298, 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 Planning Commission, or voided or vacated by order of ordinance of the City of Chesterfield Council.

Tristor Real Estate Acquisitions, LLC.

by: _____

STATE OF MISSOURI }
COUNTY OF ST. LOUIS } SS.

On this ____ day of _____, 202__, before me personally appeared _____, who being by me duly sworn, did say he is the _____ of _____, and that said instrument was signed on behalf of said limited liability company, and that said _____ acknowledged said instrument to be the free act and deed of said limited liability company.

IN WITNESS WHEREOF, I have signed and sealed the foregoing the day and year first above written.

Notary Public

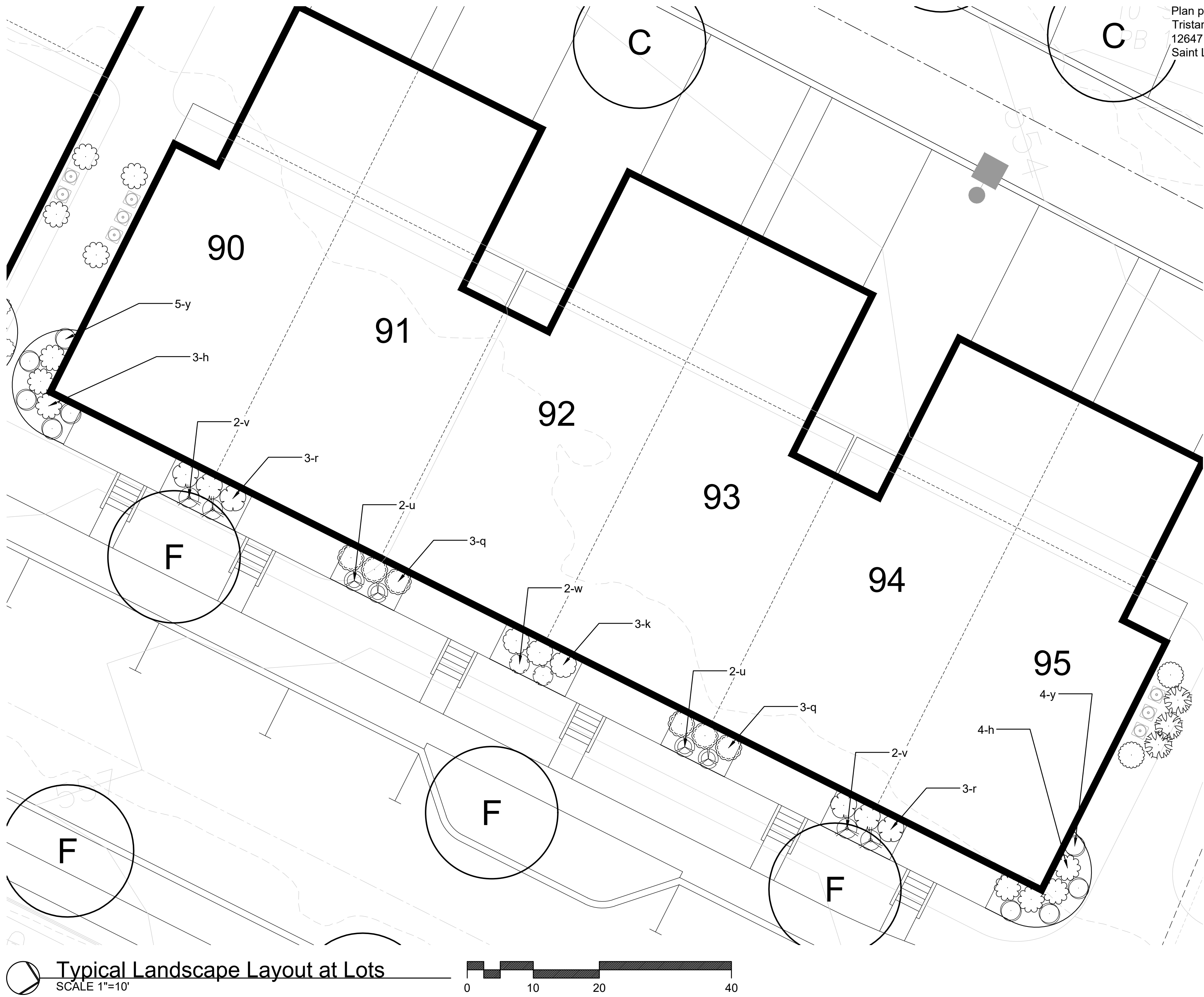
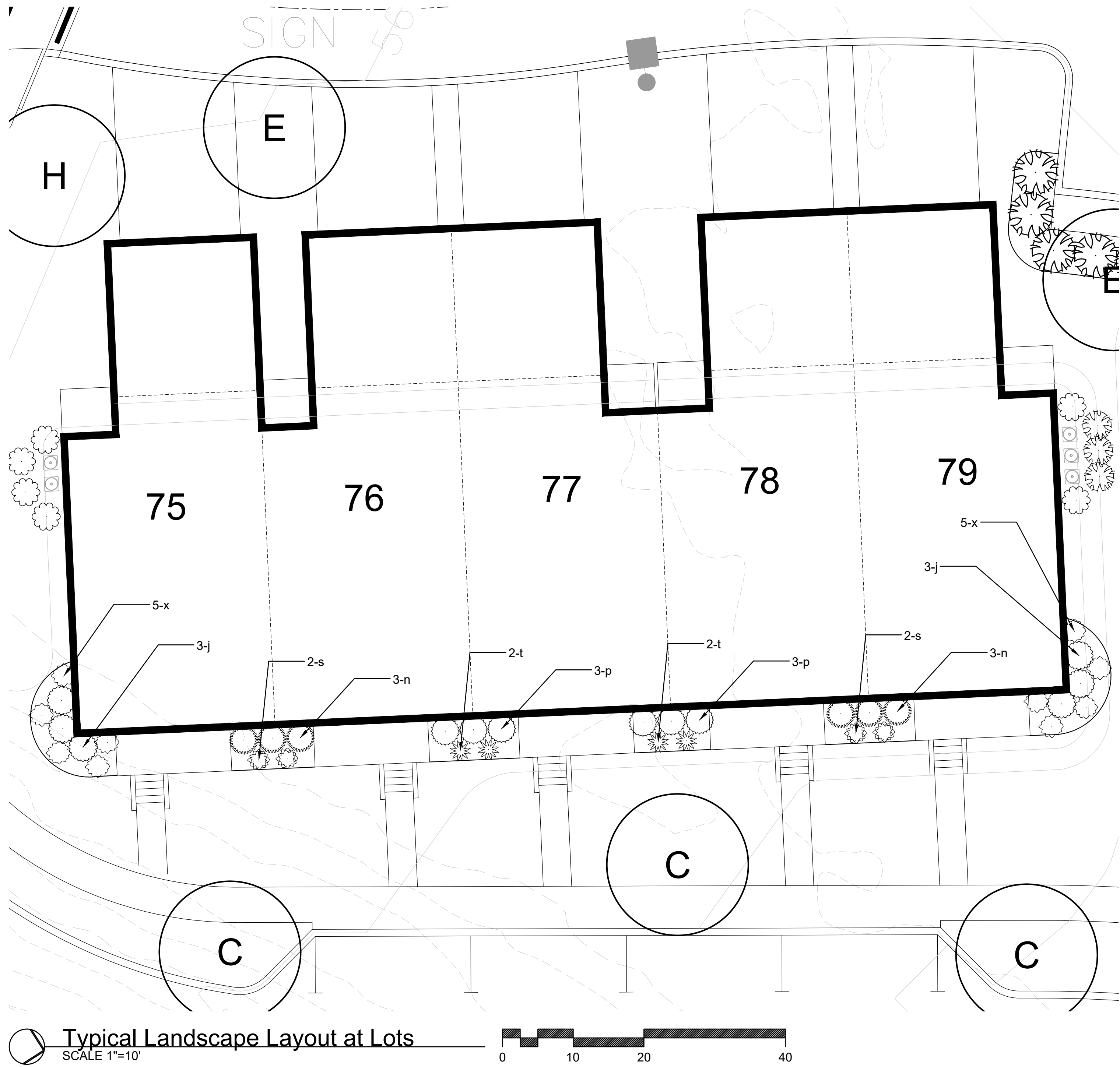
Print Name

My commission expires: _____

This Site Development Section Plan was approved by the City of Chesterfield City Council and duly verified on the ____ day of _____, 202__, by the Chairperson of said Commission, authorizing the recording of this Site Development Section Plan pursuant to Chesterfield Ordinance No. 200, as attested to by the Director of Planning and the City Clerk.

By: Justin Wyse, Director of Planning

By: Vickie McGownd, City Clerk



Plan prepared for:
Tristar Real Estate Acquisitions, LLC
12647 Olive Boulevard, Suite 510
Saint Louis, Missouri 63141

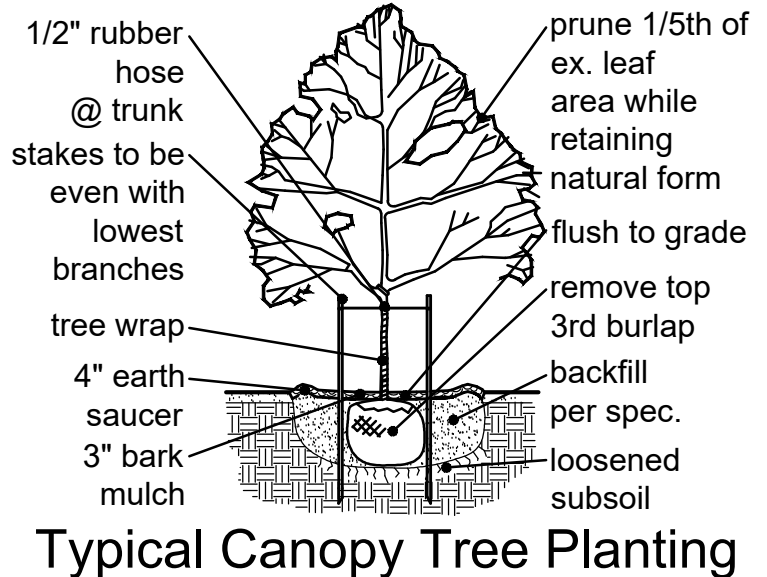
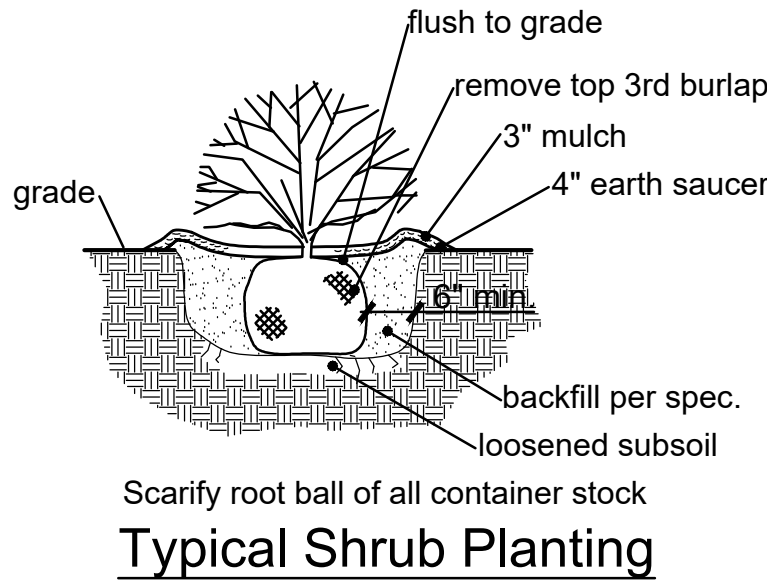
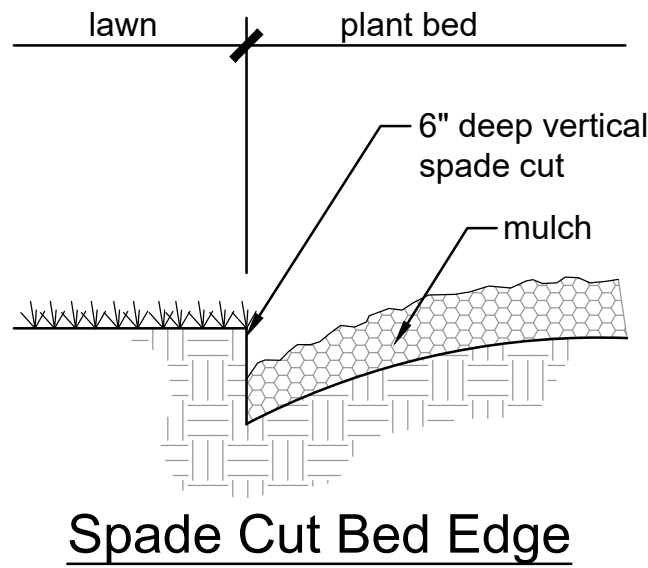
SITE DEVELOPMENT SECTION PLAN
LOT 3B DOWNTOWN CHESTERFIELD
Chesterfield, Missouri

Landscape Notes:

- Due to grading operations, utility / foundation trenching, and construction of new roadways all existing individual trees will be removed. Existing wooded tree area to remain as shown on plan.
- Lawn areas shall be turf-type Tall Fescue Grass or approved equivalent.
- All 3:1 or steeper slopes shall be lawn seed and have erosion control blanket.
- Topsoil in all disturbed lawn areas at 6" depth.
- All mulch to be double ground bark mulch.
- Bed edges to be spade cut.
- All above grade utilities structures shall be landscaped with shrubs and grasses as permitted by the utility company guidelines and standards.

General Notes (per City of Chesterfield Unified Code Section 04-02):

- Street trees shall not be planted closer than three (3) feet to any curb.
- Street trees shall not be placed within twenty-five (25) feet of street lights, street signs and intersections.
- No trees shall be planted within ten (10) feet of street inlets or manholes.
- No tree, shrub or planting shall be placed within the sight distance triangle or the area of adjacent right-of-way bounded by the street pavement and the extension of the sight distance triangle



PLANTING SCHEDULE

ID	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	SIZE / GROWTH RATE	GROWTH RATE %
CANOPY-SHADE TREE							
B	7	Acer x freemanni 'Jeffersred'	Autumn Blaze Maple	2.5" caliper	B & B	Lg / Fast	
C	38	Ginkgo biloba 'Autumn Gold'	Autumn Gold Ginkgo	2.5" caliper	B & B	Lg / Slow	27.3 %
E	29	Zelkova serrata 'Green Vase'	Green Vase Zelkova	2.5" caliper	B & B	Lg / Fast	
F	13	Tilia cordata 'Greenspire'	Greenspire Littleleaf Linden	2.5" caliper	B & B	Lg / Slow	8.6 %
G	5	Acer saccharum 'Legacy'	Legacy Sugar Maple	2.5" caliper	B & B	Lg / Slow	3.6 %
H	18	Platanus x acerifolia 'Bloodgood'	Bloodgood London Plane Tree	2.5" caliper	B & B	Lg / Fast	
N	15	Quercus bicolor	Swamp White Oak	2.5" caliper	B & B	Lg / Med	10.8 %
P	6	Acer rubrum 'October Glory'	October Glory Red Maple	2.5" caliper	B & B	Lg / Fast	
UNDERSTORY-ORNAMENTAL TREE							
R	4	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	2.5" caliper	B & B	Sm / Med	2.9 %
S	3	Prunus serrulata 'Kwanzan'	Kwanzan Cherry	2.5" caliper	B & B	Med / Med	2.2 %
U	2	Amelanchier arborea	Serviceberry	2.5" caliper	B & B	M / Slow-M	1.4 %
						Total %	56.8 %

ID	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
SHRUBS-ORNAMENTAL GRASSES-PERENNIALS-ANNUALS-GROUNDCOVER					
a	44	Ilex x meserveae 'Blue Girl' & 'Blue Boy'	Berri-Magic Kids Holly Combination	18"	72" o.c.
b	75	Juniperus x pfitzeriana 'Kallay's Compact'	Kallay's Compact Juniper	18"	72" o.c.
c	41	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	18"	72" o.c.
d	12	Hydrangea paniculata 'Limelight'	Limelight Panicle Hydrangea	18"	72" o.c.
e	35	Syringa x 'SMSJBP7'	Blooming Dark Purple Lilac	18"	72" o.c.
f	24	Syringa pubescens subsp. patula 'Miss Kim'	Miss Kim Korean Lilac	18"	72" o.c.
g	40	Juniperus squamata 'Blue Star'	Blue Star Juniper	18"	48" o.c.
h	90	Ilex glabra 'Compacta'	Compact Inkberry	18"	48" o.c.
j	71	Buxus microphylla 'Sprinter'	Sprinter Boxwood	18"	48" o.c.
k	15	Chamaecyparis obtusa 'Conchleight'	Night Light Hinoki Cypress	18"	48" o.c.
m	21	Fothergilla major 'Blue Shadow'	Blue Shadow Fothergilla	18"	48" o.c.
n	39	Hydrangea paniculata 'Jane'	Little Lime Panicle Hydrangea	18"	48" o.c.
p	24	Deutzia x 'NCDX3'	Yuki Kabuki Deutzia	18"	48" o.c.
q	12	Hydrangea paniculata 'SMHPLOF'	Little Quick Fire Hardy Hydrangea	18"	48" o.c.
r	12	Chaenomeles speciosa 'SMNCSDW'	Double Take Eternal White Quince	18"	48" o.c.
s	16	Weigela florida 'FLORACLAR'	Bubbly Wine Weigela	18"	36" o.c.
t	16	Aronia melanocarpa 'UCONNAM165'	Low Scope Mound Chokeberry	18"	36" o.c.
u	8	Itea virginica 'Sprich'	Little Henry Virginia Sweetspire	18"	36" o.c.
v	8	Hypericum kalmianum 'Gemo'	Gemo St. John's Wort	18"	36" o.c.
w	12	Caryopteris incana 'SMNCVH'	Sunshine Blue II Bluebeard	18"	36" o.c.
x	37	Spiraea japonica 'Tracy'	Double Play Big Bang Spirea	18"	36" o.c.
y	29	Berberis thunbergii 'Koren'	Sunjoy Citrus Barberry	18"	36" o.c.
gc	20	Iberis sempervirens	Candytuft	18"	24" o.c.

Revisions:

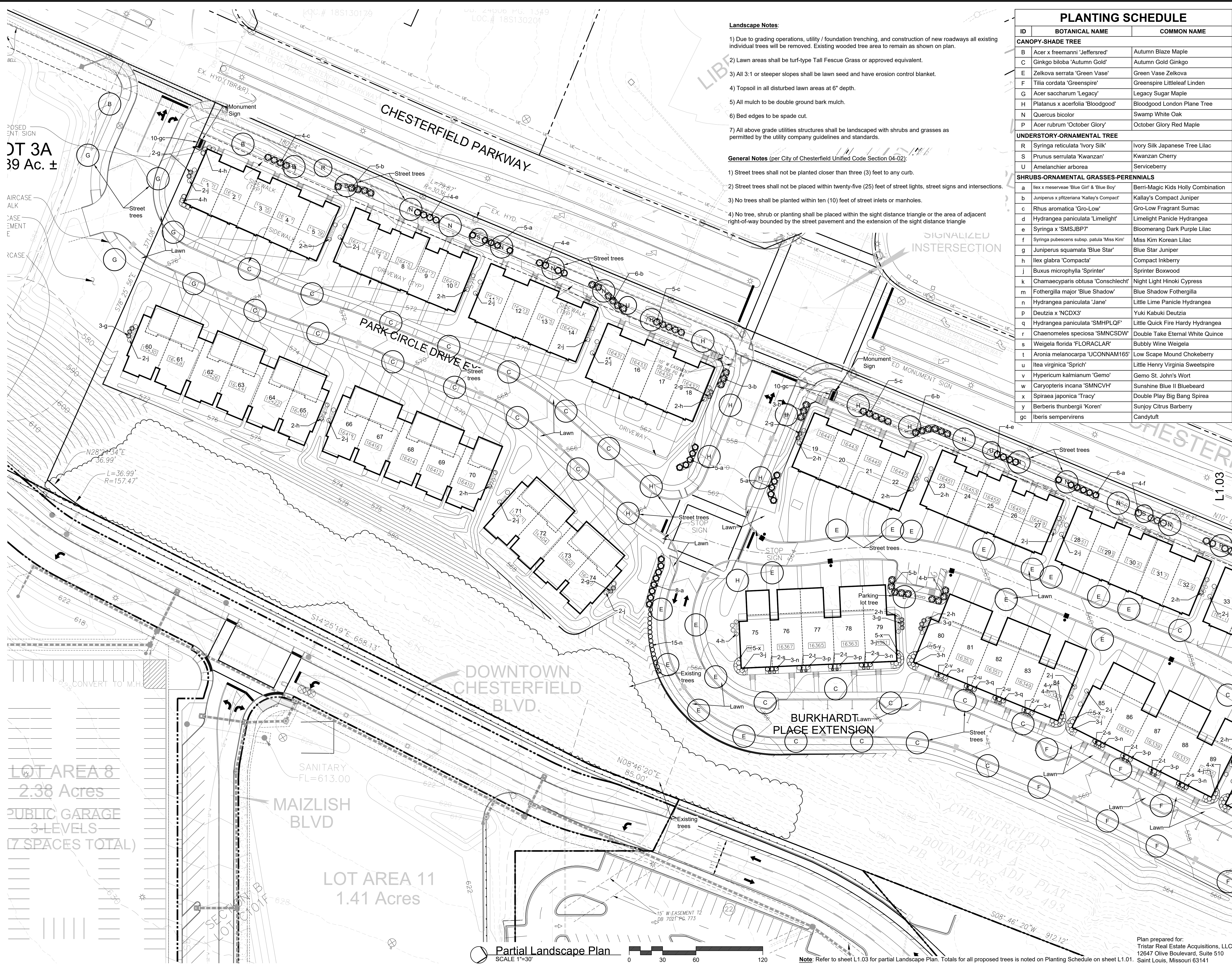
Date	Description	No.
1/6/26	City Comments	1

Drawn: RS
Checked: LH

Sheet Title: Landscape Plan

Sheet No: L1.01

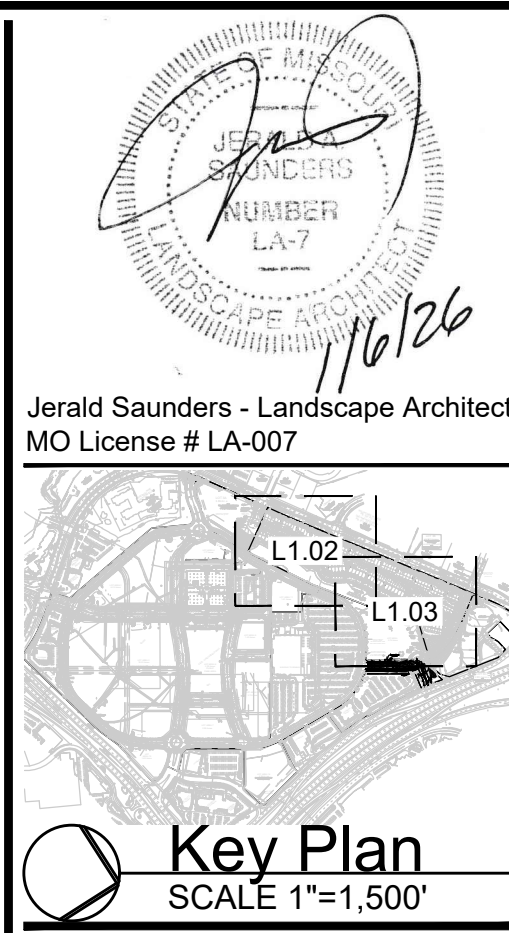
Date: 10/30/25
Job #: 858.023



PLANTING SCHEDULE		
ID	BOTANICAL NAME	COMMON NAME
CANOPY-SHADENING TREE		
B	Acer x freemanni 'Jeffersred'	Autumn Blaze Maple
C	Ginkgo biloba 'Autumn Gold'	Autumn Gold Ginkgo
E	Zelkova serrata 'Green Vase'	Green Vase Zelkova
F	Tilia cordata 'Greenspire'	Greenspire Littleleaf Linden
G	Acer saccharum 'Legacy'	Legacy Sugar Maple
H	Platanus x acerifolia 'Bloodgood'	Bloodgood London Plane Tree
N	Quercus bicolor	Swamp White Oak
P	Acer rubrum 'October Glory'	October Glory Red Maple
UNDERSTORY-ORNAMENTAL TREE		
R	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac
S	Prunus serrulata 'Kwanzan'	Kwanzan Cherry
U	Amelanchier arborea	Serviceberry
SHRUBS-ORNAMENTAL GRASSES-PERENNIALS		
a	Ilex x meserveae 'Blue Girl & Blue Boy'	Berri-Magic Kids Holly Combination
b	Juniperus x pfitzeriana 'Kallay's Compact'	Kallay's Compact Juniper
c	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac
d	Hydrangea paniculata 'Limelight'	Limelight Panicle Hydrangea
e	Syringa x 'SMSJB7'	Bloomerang Dark Purple Lilac
f	Syringa pubescens subsp. patula 'Miss Kim'	Miss Kim Korean Lilac
g	Juniperus squamata 'Blue Star'	Blue Star Juniper
h	Ilex glabra 'Compacta'	Compact Inkberry
j	Buxus microphylla 'Sprinter'	Sprinter Boxwood
k	Chamaecyparis obtusa 'Conschlecht'	Night Light Hinoki Cypress
m	Fothergilla major 'Blue Shadow'	Blue Shadow Fothergilla
n	Hydrangea paniculata 'Jane'	Little Lime Panicle Hydrangea
p	Deutzia x 'NCDX3'	Yuki Kabuki Deutzia
q	Hydrangea paniculata 'SMHPLQF'	Little Quick Fire Hardy Hydrangea
r	Chaenomeles speciosa 'SMNCSDW'	Double Take Eternal White Quince
s	Weigela florida 'FLORACLAR'	Bubbly Wine Weigela
t	Aronia melanocarpa 'UCCONAM165'	Low Scape Mound Chokeberry
u	Itea virginica 'Sprich'	Little Henry Virginia Sweetspire
v	Hypericum kalmianum 'Gemo'	Gemo St. John's Wort
w	Caryopteris incana 'SMNCVH'	Sunshine Blue II Bluebeard
x	Spiraea japonica 'Tracy'	Double Play Big Bang Spirea
y	Berberis thunbergii 'Koren'	Sunjoy Citrus Barberry
gc	Iberis sempervirens	Candytuft

SITE DEVELOPMENT SECTION PLAN
LOT 3B DOWNTOWN CHESTERFIELD

Revisions:		
Date	Description	No.
1/6/26	City Comments	1
Drawn: KP		
Checked: RS		
Loomis Associates Inc. landscape architects + planners 7800 Saint Louis Avenue, Suite 510 St. Louis, Missouri 63141 t. 636.519.8668 www.loomis-associates.com		
Missouri State Certificate of Authority # LAC #000019		
Sheet Title:	Landscape Plan	
Sheet No:	L1.02	
Date:	10/30/25	
Job #:	858.023	



Jerald Saunders - Landscape Architect
MO License # LA-007

Key Plan
SCALE 1"=1,500'

Chesterfield, Missouri

Plan prepared for:
Tristar Real Estate Acquisitions, LLC
12647 Olive Boulevard, Suite 510
Saint Louis, Missouri 63141

Plan prepared by:
Loomis Associates Inc.
7800 Saint Louis Avenue, Suite 510
St. Louis, Missouri 63141
t. 636.519.8668
www.loomis-associates.com

Missouri State Certificate of Authority # LAC #000019

Page 55 of 86

Architectural Review Board Staff Report

Project Type: Amended Architectural Elevations

Meeting Date: February 12, 2026

From: Shane Streiler, Planner

Location: 1415 Elbridge Payne Road

Description: **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.



Figure 1: Subject Location

PROPOSAL SUMMARY

Northstar Management, on behalf of Mercy Health, has submitted Amended Architectural Elevations (AAE) for Elbridge Payne Office Park, Lot C702. The AAE proposes retroactive approval of the 18 acrylic shapes already attached to the front elevation of the Mercy Health Autism Center. The AAE proposes no other changes.

HISTORY OF SUBJECT SITE

Before the City of Chesterfield incorporated, the subject site was zoned “C8” Planned Commercial District (via County Ordinance 8800), and the existing office building was built. The subject site remains zoned C8 under Ordinance 2412.

The redevelopment of the office building into the Mercy Health Autism Center started two years ago. At the October 10, 2024, meeting, ARB recommended approval for the site's Amended Site Development Section Plan (ASDSP), which proposed a 210-square-foot vestibule, an exterior entry canopy, and a tree sculpture. The bulk of construction occurred in 2025, which included work initially proposed by the ASDSP along with exterior weatherproofing. In December, the Amended Landscape Plan was approved, which proposed replacing the landscaping surrounding the building and replacing 14 trees around the site. Also, during this month, the 18 acrylic shapes were installed without City approval. The Mercy Health Autism Center opened this past month. As of today, construction is concluding at the site, and the new landscaping is being installed.

STAFF ANALYSIS

Elevations

All building elevations will retain their brick exterior walls, shingle roofs, and Solarbronze glass windows. The front elevation will similarly retain its entry vestibule and canopy, constructed with metal composite material (MCM) panels, and tree sculpture [Figure 3]. The only change proposed is the 18 acrylic shapes drilled into the front elevation [Figure 4]: A variety of circular shapes, featuring primary and secondary colors ranging from bright to dark, with the sizes ranging from one (1) square foot to 21.3 square feet. Of these 18 shapes, there are 12 shape variants, so half of these shapes are duplicates.

Previous Conditions



Figure 2: Previous Front Elevation

Previously Approved Conditions



Figure 3: Previously Approved Front Elevation

Existing Conditions Requiring Retroactive Approval

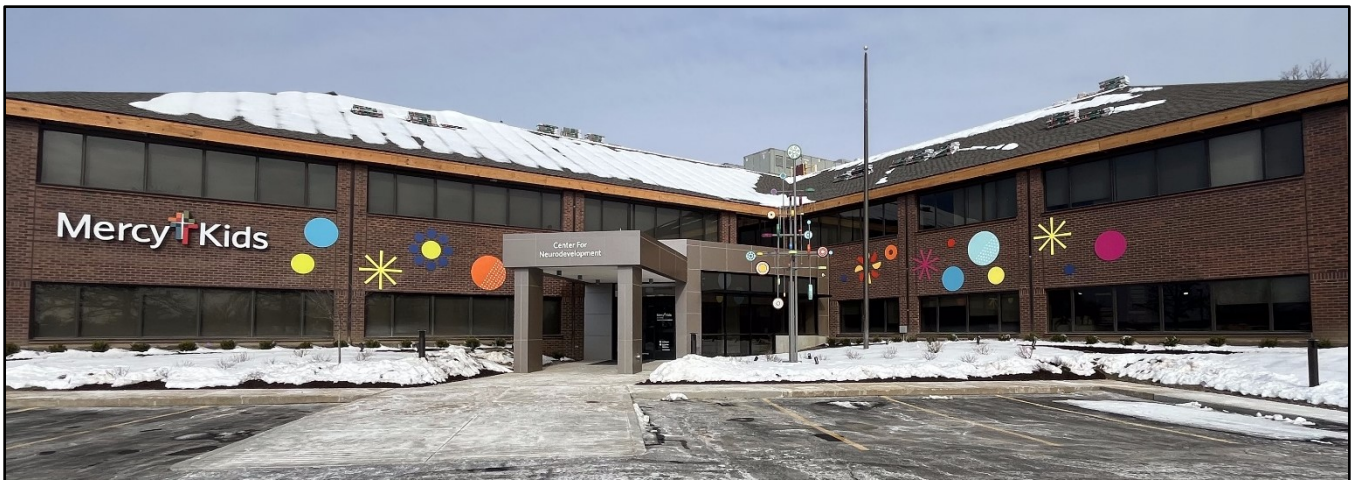


Figure 4: Existing Front Elevation

Narrative

According to the applicant, the intent of these shapes, alongside the approved tree sculpture, is to “*help create a fun and playful environment for the children,*” rather than facilitating the kind of sterile and impersonal atmosphere typically found in a conventional medical setting.

DEPARTMENTAL INPUT

Staff has reviewed the proposed Amended Architectural Elevations for Elbridge Payne Office Park, Lot C702. Staff recommends the Architectural Review Board take action on this request.

MOTION

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

- 1) "I move to forward the Amended Architectural Elevations for Elbridge Payne Office Park, Lot C702 as presented, with a recommendation for approval (or denial)."
- 2) "I move to forward the Amended Architectural Elevations for Elbridge Payne Office Park, Lot C702 with a recommendation for approval with the following conditions..."

Attachments

Narrative
Submittal
Site Photos

Statement of Design

The Mercy Kids shapes are part of the overall Mercy Kids brand used across the Mercy Ministry. These shapes were included at the entrance to this Kids specific building to help create a fun and playful environment for the children who visit this facility. Given the medical specialty of this building (Neurodevelopment), a trip to the doctor may be particularly challenging for some of the kids visiting our building. Having a fun, welcoming environments is important to creating a positive atmosphere for our patients and making visits to the facility easier on their families.

SOUTHEAST CORNER ELEVATION

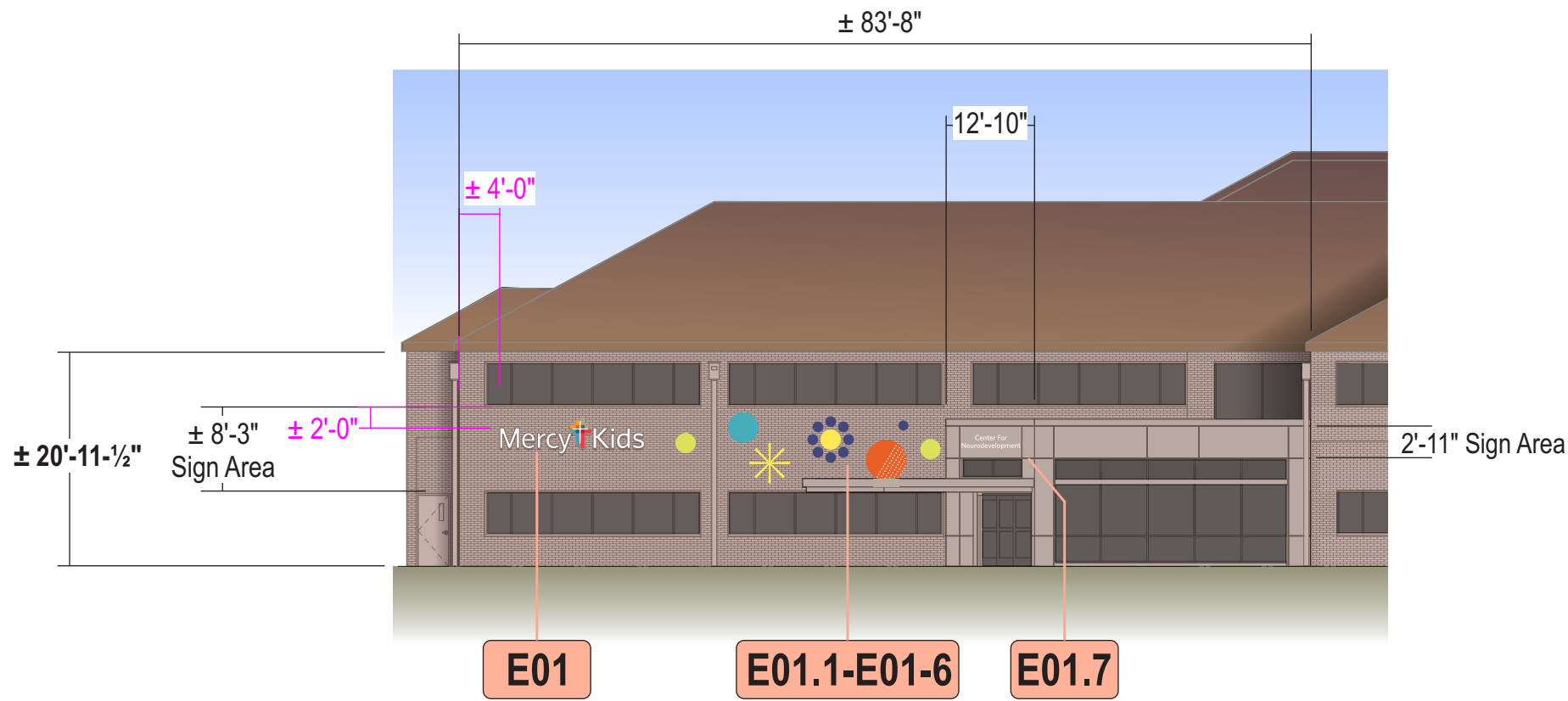
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INSPIRATION IMAGES

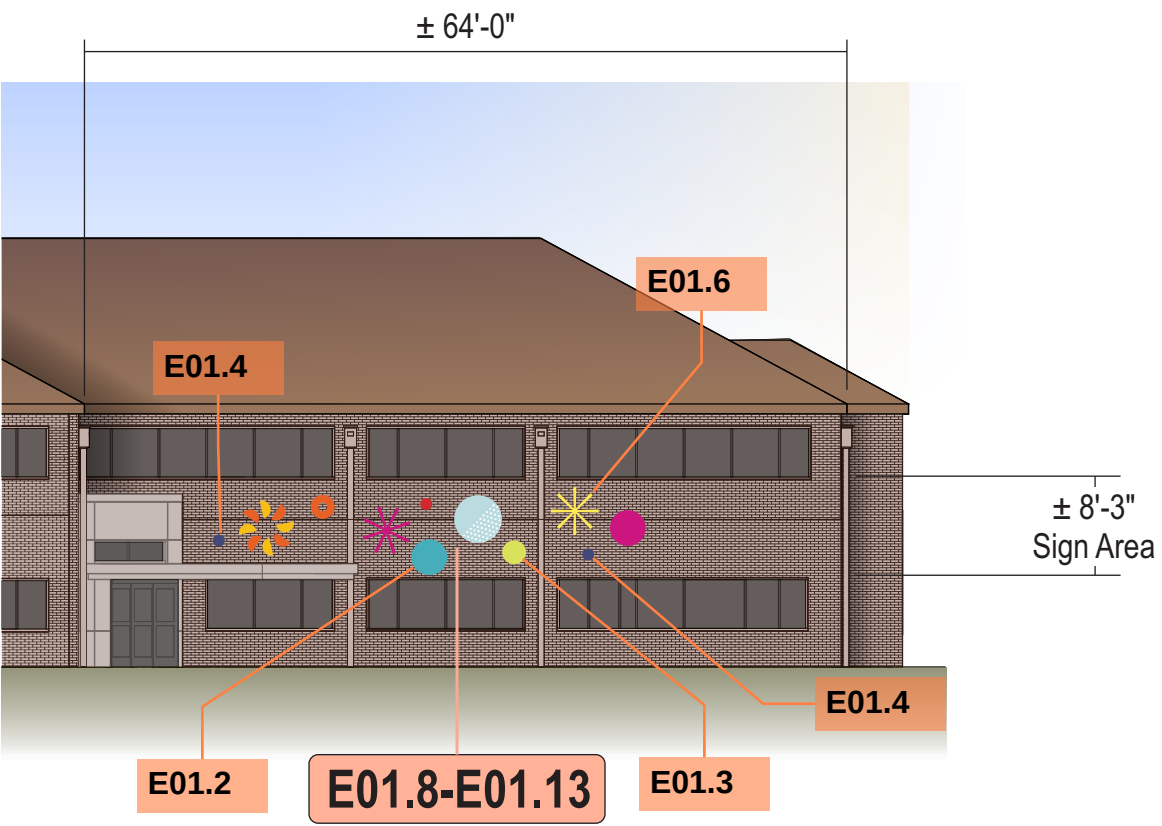


ALL SIGN SIZES HAVE BEEN CALCULATED OFF ARCHITECTURAL PRINTS AS SHOWN

EXISTING CONDITIONS



EAST ELEVATION



SOUTH ELEVATION

NOTE: MERCY MUST PROVIDE ELECTRIC ACCESS WITHIN 5' OF SIGN INSTALLATION LOCATION. MERCY TO CONFIRM SIGN LOCATION.

Stratus

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8959 Tyler Boulevard
Mentor, Ohio 44060

888.503.1569

CLIENT:

Mercy

ADDRESS:

1415 Elbridge Payne Rd
Chesterfield, MO 63017

PAGE NO.:

5

ORDER NUMBER:

1212169

SITE NUMBER:

1000000085

ELECTRONIC FILE NAME:

K:\ACCOUNTS\IM\Mercy Health System\2024\MO\1000000085_Chesterfield\1000000085_Chesterfield_R14.cdr

PROJECT NUMBER:

3703

PROJECT MANAGER:

LEIF ERIKSEN

Rev #	Req #	Date/Artist	Description	Rev #	Req #	Date/Artist	Description
Original	470057	04/03/24 BV		Rev 7	512767	01/31/25 BLB	Updated per PM notes
Rev 14	558304	10/14/25 RF		Rev 8	525060	04/10/25 BLB	
Rev 15	563766	11/12/25 RH		Rev 9	527467	04/24/25 BLB	
Rev 3	473945	04/26/24 KO		Rev 10	548404	08/19/25 JAB	
Rev 4	474675	05/02/24 DO	Modified page layout with added E01.7	Rev 11	555857	10/01/25 KO	Updated colors
Rev 5	478152	05/24/24 MC	Made changes to E01.1-E01.6, shape/colors on south elev.	Rev 12	556524	10/02/25 BLB	Updated East elevation
Rev 6	494735	09/20/24 SV		Rev 13	557275	10/08/25 NS	

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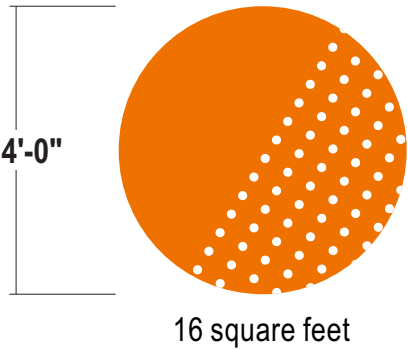
NON-ILLUMINATED FLAT CUT OUTS

CUSTOM

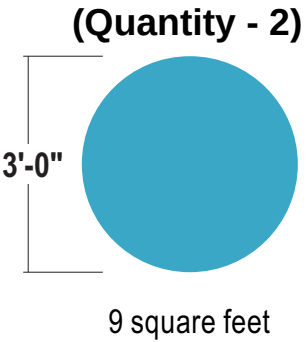
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134.6 total square feet

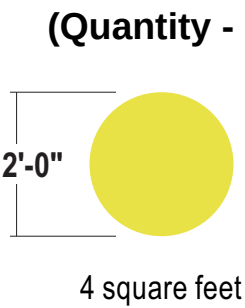
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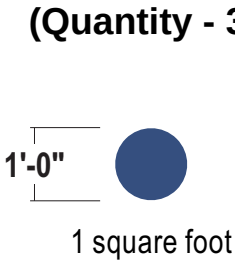
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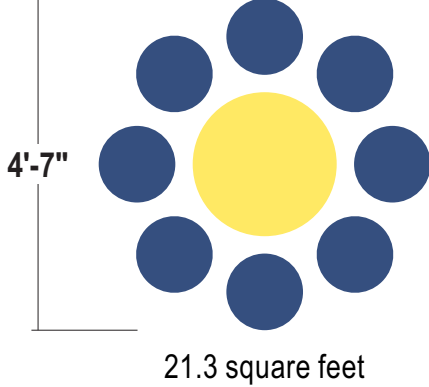
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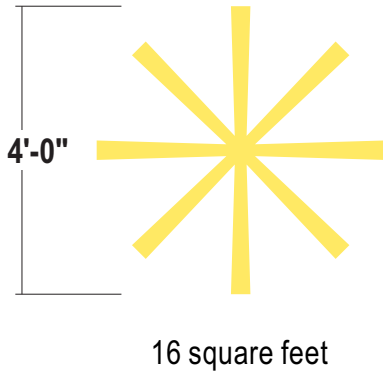
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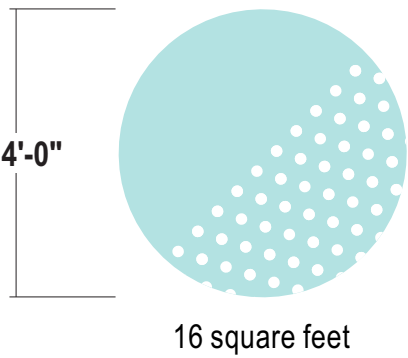
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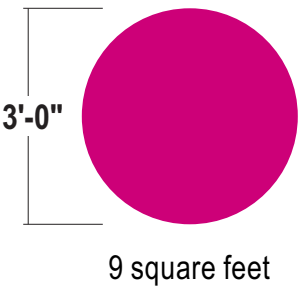
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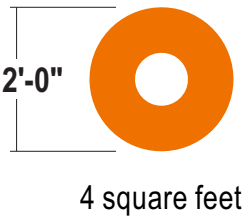
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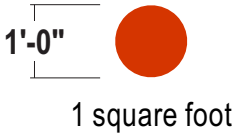
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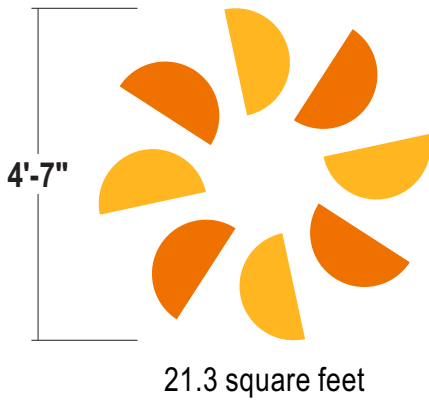
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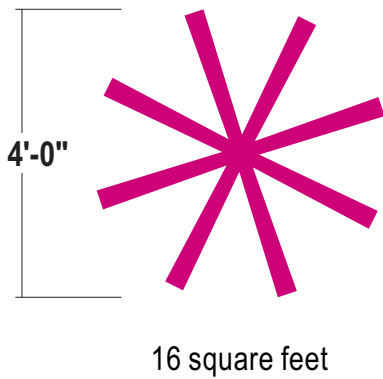
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E01.12



E01.13



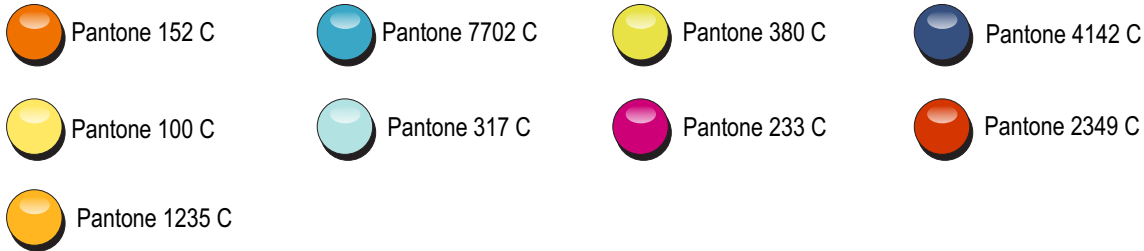
VERIFY ALL LOCATIONS WITH CLIENT PRIOR TO INSTALLATION

MATERIAL: 3/8" thick flat cut out acrylic shapes painted to match colors shown

INSTALL: Studs to backside of elements for flush mounting

QUANTITY: Varies

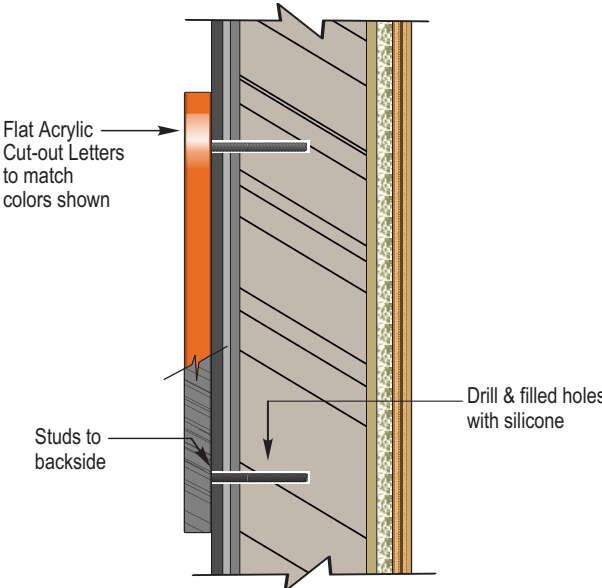
COLOR PALETTE



Paint finish to be satin unless otherwise specified

NOTE: CMYK colors have been converted to Pantone colors and the comparison is shown on the following page. While the match will be as close as possible, there may be some variance between the two.

FLAT CUT-OUT LETTERS - STUD MOUNTED FLUSH



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8959 Tyler Boulevard
Mentor, Ohio 44060
888.503.1569

CLIENT: Mercy

ADDRESS: 1415 Elbridge Payne Rd
Chesterfield, MO 63017

PAGE NO.: 7

ORDER NUMBER: 1212169

SITE NUMBER: 1000000085

ELECTRONIC FILE NAME: K:\ACCOUNTS\IMercy Health System\2024\MO\1000000085_Chesterfield\1000000085_Chesterfield_R14.cdr

PROJECT NUMBER: 3703

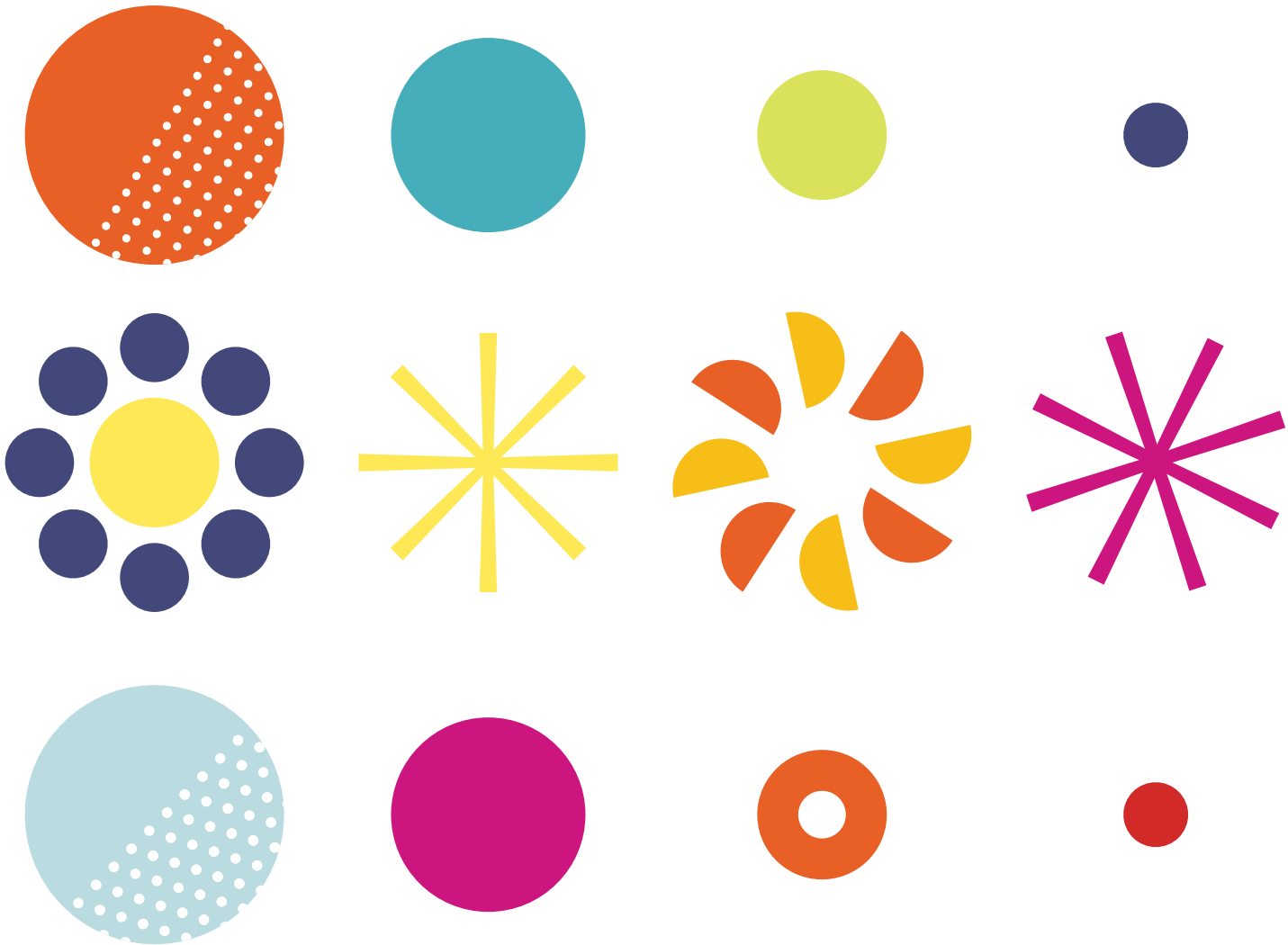
PROJECT MANAGER: LEIF ERIKSEN

Rev #	Req #	Date/Artist	Description	Rev #	Req #	Date/Artist	Description
Original	470057	04/03/24 BV		Rev 7	512767	01/31/25 BLB	
Rev 14	558304	10/14/25 RF	Converted CMYK colors to Pantone colors, added SqFt	Rev 8	525060	04/10/25 BLB	
Rev 15	563766	11/12/25 RH		Rev 9	527467	04/24/25 BLB	
Rev 3	473945	04/26/24 KO	Updated QTY	Rev 10	548404	08/19/25 JAB	
Rev 4	474675	05/02/24 DO		Rev 11	555857	10/01/25 KO	Updated colors
Rev 5	478152	05/24/24 MC	Made changes to E01.1-E01.6, shape/colors on south elev.	Rev 12	556524	10/02/25 BLB	
Rev 6	494735	09/20/24 SV		Rev 13	557275	10/08/25 NS	Updated location note

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NON-ILLUMINATED FLAT CUT OUTS

CMYK COLORS

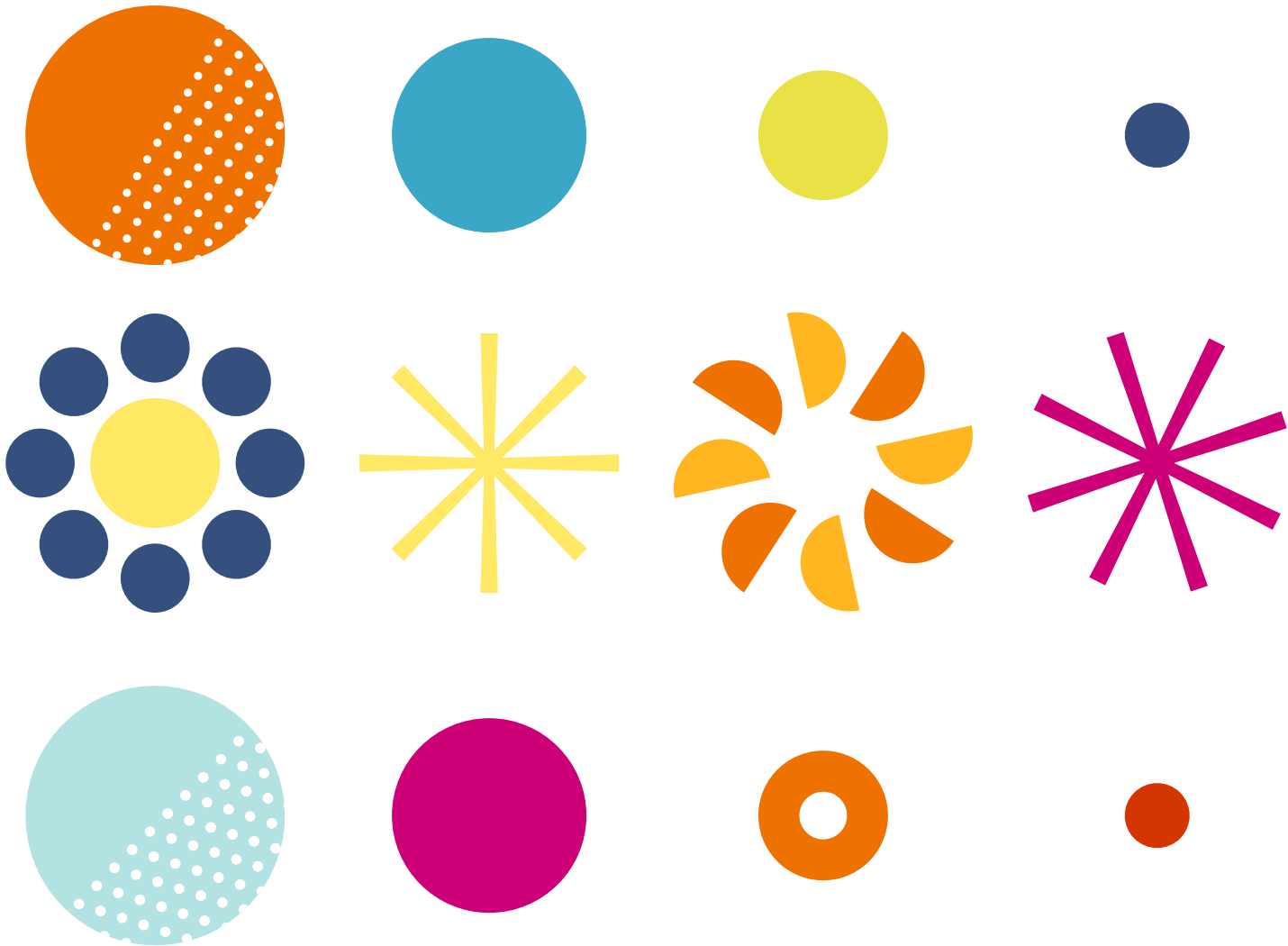


COLOR PALETTE

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 C:0 M:5 Y:79 K:0	 C:26 M:3 Y:10 K:0	 C:17 M:100 Y:11 K:0	 C:12 M:98 Y:98 K:2
 C:3 M:26 Y:100 K:0			

Paint finish to be satin unless otherwise specified

PANTONE COLORS



COLOR PALETTE

 Pantone 152 C	 Pantone 7702 C	 Pantone 380 C	 Pantone 4142 C
 Pantone 100 C	 Pantone 317 C	 Pantone 233 C	 Pantone 2349 C
 Pantone 1235 C			

Paint finish to be satin unless otherwise specified



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ADDRESS:

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8

ORDER NUMBER:

1212169

SITE NUMBER:

1000000085

ELECTRONIC FILE NAME:

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PROJECT NUMBER:

3703

PROJECT MANAGER:

LEIF ERIKSEN

Rev #	Req #	Date/Artist	Description	Rev #	Req #	Date/Artist	Description
Original	470057	04/03/24 BV		Rev 7	512767	01/31/25 BLB	
Rev 14	558304	10/14/25 RF	Added CMYK and Pantone color comparison page	Rev 8	525060	04/10/25 BLB	
Rev 15	563766	11/12/25 RH		Rev 9	527467	04/24/25 BLB	
Rev 3	473945	04/26/24 KO	Updated QTY	Rev 10	548404	08/19/25 JAB	
Rev 4	474675	05/02/24 DO		Rev 11	555857	10/01/25 KO	Updated colors
Rev 5	478152	05/24/24 MC	Made changes to E01.1-E01-6, shape/colors on south elev.	Rev 12	556524	10/02/25 BLB	
Rev 6	494735	09/20/24 SV		Rev 13	557275	10/08/25 NS	Updated location note

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Mercy Kids







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: February 12, 2026

From: Shilpi Bharti, Planner *SB*

Location: 38 Arnage Road

Description: **TSG Chesterfield Airport Road, Lot C:** A Site Development Section Plan, Landscape Plan, Lighting Plan and Architectural Elevations for an automobile retail store building located on a 1.1-acre tract of land south of Chesterfield Airport Road, zoned “PC”-Planned Commercial.

PROPOSAL SUMMARY

Casco Civil on behalf of O’Reilly Auto Parts has submitted a Site Development Section Plan, Landscape Plan, Lighting Plan, and Architectural Elevations for an automobile retail store building to be known as O’Reilly Auto Parts, located at 38 Arnage Road, in the TSG Chesterfield Airport Road subdivision.

Proposed Development includes:

- 7,735 square feet of building
- 28 parking spaces
- Landscape Plan
- Lighting Plan

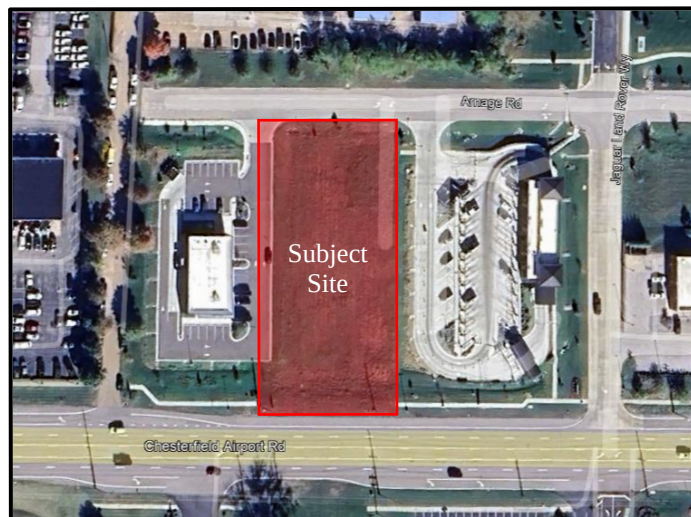


Figure 1: Subject Location

HISTORY OF SUBJECT SITE

The site is situated within the TSG Chesterfield Airport Road subdivision in the City of Chesterfield. Originally, the subdivision was zoned as “NU” –Non-Urban District before the City’s incorporation. In 2017, the zoning was changed to “PC” – Planned Commercial, which resulted in the creation of Ordinance 2969. In 2020, this ordinance was amended to establish a new permitted use and revise development criteria, creating the ordinance 3082. Later in 2022, the ordinance was again amended to include one (1) additional use and revise the open space language. This amendment resulted in the current governing ordinance 3206, which permitted one new use as requested by the petitioner and removed 12 previously approved permitted uses.

The Site Development Concept Plan for the subdivision was approved in 2019, which established four (4) lots. This plan was modified in 2023, to revise the previously proposed access for Lots B, C, and D. Per the approved concept plan, Lots B and C could be accessed through a shared driveway, and Lot D has its own access. In the same year, a Boundary Adjustment Plat was approved for Lot C and D that increased the size of lot C and decreased the size of Lot D.

STAFF ANALYSIS

The Site Development Section Plan for Lot C outlines a proposed 7,735 square foot automobile retail facility. The building will be accessible from Arnage Road on the north side of the property, which is a shared access with the property on the west. The building is centrally located on the site, with its front façade facing Chesterfield Airport Road. A trash enclosure will be positioned on the east side of the property. The City of Chesterfield Unified Development Code (UDC) sets forth general site and building design requirements, which are detailed further in the report.



Figure 2: Site Plan

Site Relationships

The proposed building sits on a 1.1-acre parcel of land. The height of the proposed single-story building is 20 feet tall. The site is bordered by Arnage Road to the north, Chesterfield Airport road on the south, retail sales (High Profile) on the west, and a car wash facility (Scrubbles) on the east.

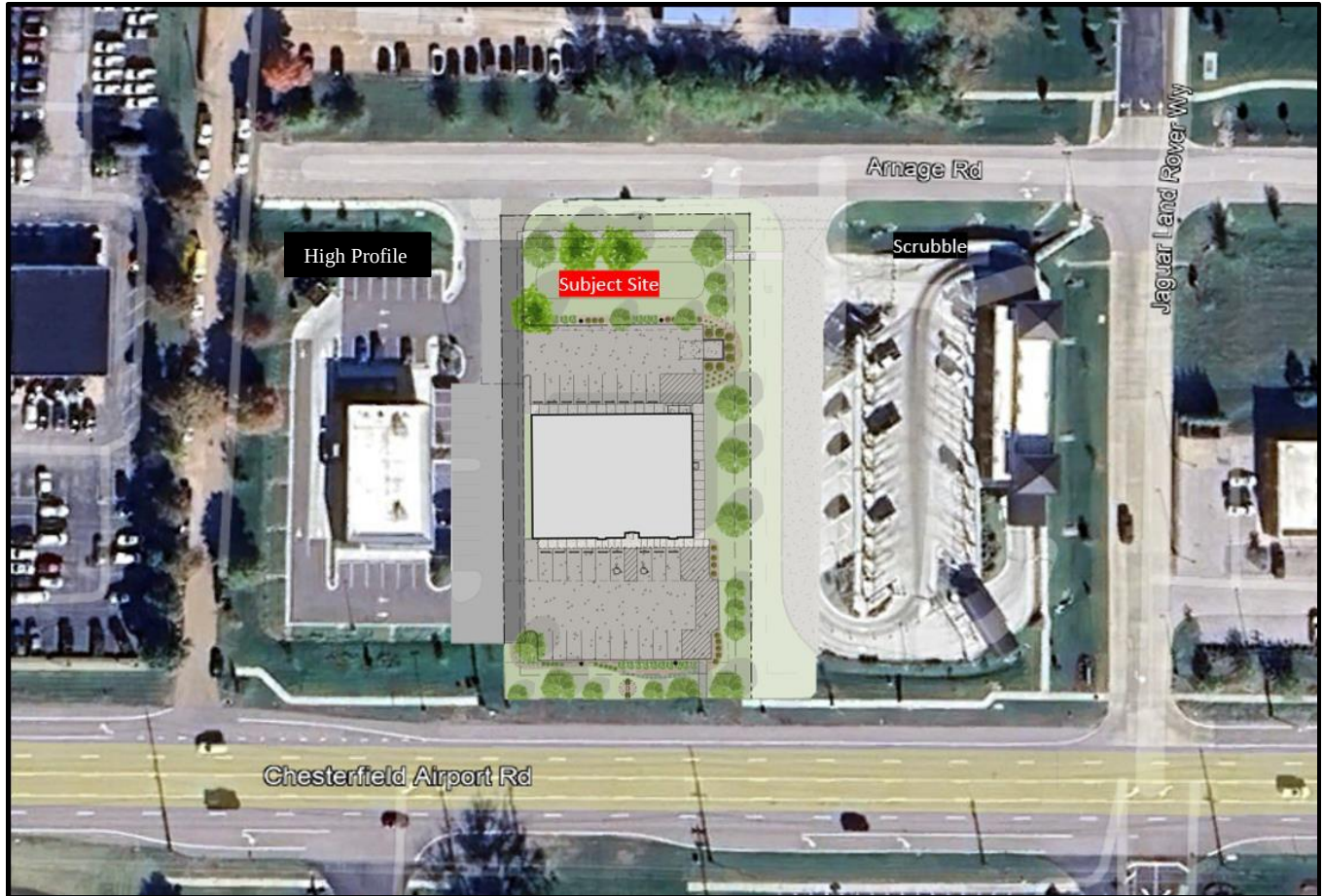


Figure 3: Neighboring development

Circulation System and Access

The site is accessible via Arnage Road to the north with the building's front entry facing Chesterfield Airport Road in the south. The proposed access aligns with the Amended Site Development Concept Plan. There is no vehicular connection on the east side of the building.

Scale, Topography, Retaining Wall and Screening

The site is currently vacant and is bordered by a building to the east and west. It is relatively flat, and no retaining walls are proposed for the development. The trash enclosure is located at the east side of the property and is screened by evergreen trees. Rooftop mechanical equipment will be installed, which will be screened by Aluminum Louver. The applicant has also provided a sight diagram, which is included in the packet.

Materials and Color

The building is proposed to have concrete masonry unit's (CMU's) across all four (4) elevations. The front elevation, which faces Chesterfield Airport Road, includes CMU, exterior insulation and finishing system (EIFS), and exterior window system. There is one (1) overhead and metal door proposed on the north elevation facing Arnage Road. The proposed trash enclosure will be constructed using the same material (CMU).



Figure 4: Front Elevation (South side)



Figure 5: North Elevation

Lighting

A total of nine (9) 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 for the site includes: shade trees, ornamental trees, evergreen trees, shrubs, and ground cover. One (1) bio-retention basin is proposed on the north side. The development is designed to provide nearly 39% open space.

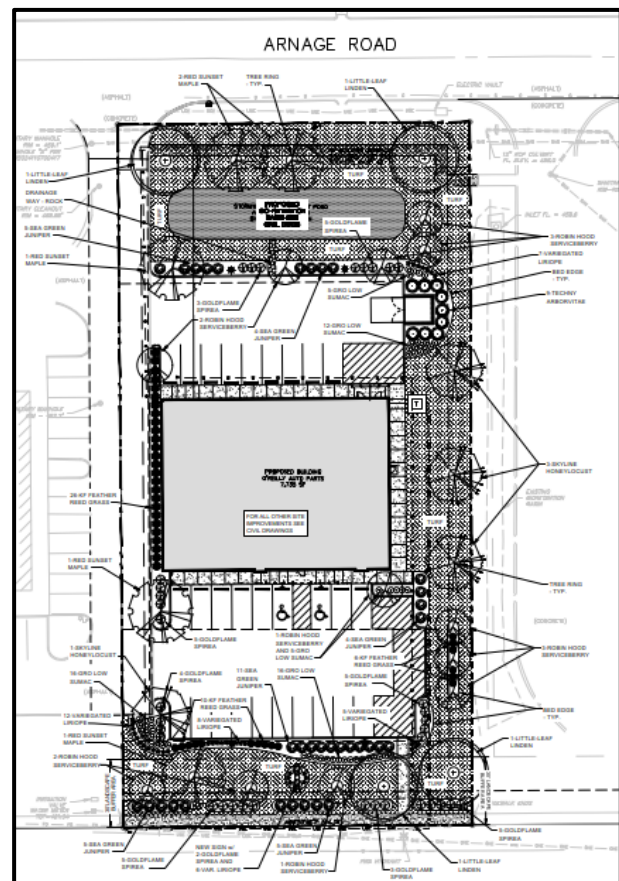


Figure 6: Landscape Plan

Rendering



Figure 7: Rendering

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 TSG Chesterfield Airport Road, Lot C, 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 TSG Chesterfield Airport Road, Lot C, with a recommendation for approval with the following conditions..."

Attachments

1. Architectural Review Packet Submittal

February 2, 2026

Via: Electronic

City of Chesterfield
Chesterfield Design Review Board
690 Chesterfield Pkwy W.
Chesterfield, MO 63017
Tel: (636) 537-4000

Re: Remodel O'Reilly Auto Parts Store (CF1)
38 Arnage Rd.
Chesterfield, MO

To Whom it may concern,

The following statement of intent reflects CASCO's compliance to the Architectural Design Standards set by the City of Chesterfield.

Statement of Intent:

Scale:

- Building Scale
 - o The use of the single-story building blends in with the surrounding area/businesses. This building does not disrupt the already established character of the area. This can be seen in the provided elevations and renderings of the building.
- Human Scale
 - o The building has been designed with articulations to break up any horizontal and/or vertical lines to make the building stand out in a more "eye-pleasing" manner. This is done throughout all sides of the building with bump-outs.
- Generic Scale
 - o Single-story building matches the adjacent area by blending with other developments to minimize the singularity of the business.

Design:

- A. All building facades are designed as a cohesive architectural composition. A consistent color palette, complementary materials, and unified detailing are used on all elevations.
- B. Repetitive streetscapes have been avoided in the design with use of articulations and building color.
- C. Standard "corporate" style has been avoided with the addition of articulation, raised stylized cornices specific to this building.

C:\Users\jack_christman\AppData\Local\Temp\Bluebeam Software\90594724.docx

- D. Architectural details, with emphasis on the facades, have been provided on the elevations and the 3D renderings of the building.
- E. Building engages in the artistic appearance of the surrounding area.
- F. This building is designed with energy efficiency in mind.
- G. The building will be constructed with environmentally friendly material. This building is a CMU building which is considered a reusable product along with recyclable metals.
- H. This building utilizes an extruded entry portal to help indicate and reinforce the intended building entry.
- I. Temporary constructions and barriers will be painted to complement the permanent construction features.
- J. Rooftop mechanical units have been designed with the appropriate screening that will not visually weaken the design of the structure.

Materials and Colors:

- This building uses compatible colors that match the adjacent area's style while not being identical to them. The building materials for this building match adjacent construction types in the area.
- The construction type is considered durable for its high strength, fire resistance, and longevity.
- Pedestrian walk paths are identified with striping and traffic areas.

Landscape Design and Screening:

- Development Landscaping
 - o Site is not located in a development, but works with the existing parcels located around the property. Site has been completely landscaped using preferred design techniques to provide opportunities for best views and the screening of undesirable views. As well as general enhancement of the site itself. Again, using preferred design techniques to generate a visually appealing landscape layout.
- Building Landscaping
 - o Screening, buffers, setbacks, etc. have been utilized to compliment and enhance the design of the building and site layout. Purposeful layout of plantings have been utilized to blend in with the surrounding buildings and properties.
- Parking Area Landscaping
 - o All plants utilize curbing, edging, etc. to protect, enhance, and provide proper areas for the best possible growing conditions. Parking areas views are visually broken up to provide minimal views of large parking expanses and boring hard pavements.
- Walls and Fences

- Landscape has been used in lieu of fencing and/or walls to soften the overall feel and impact of the site improvements. Plants of various heights, colors, growing patterns, etc. have been used to create interest and reduce monotony throughout the site.
- Screening
 - Dumpster enclosures, parking areas, and other areas deemed unattractive, etc. have all been screened or broken up to again create a site containing visual interest and reduce the monotony of hard materials (walls, paving, etc.).

Signage:

- Signage will be reviewed under a separate process and will adhere to all requirements of the Unified Development Code.

Lighting:

- Site lighting will be reviewed through a separate process. Architectural lighting and building lighting will adhere to all requirements of the Unified Development Code.

Existing Structures:

- There is no existing structures on this site.

Specific Requirements for the Chesterfield Valley:

- All facades, storage, utilities, and parking shall adhere to Chesterfield Valley's specific requirements.

END OF ARCHITECT'S STATEMENT OF INTENT

Mike Kindle
Project Manager
314-821-1100 x303
oreilly@casco corp.com

Keyma L. Bullock
Architectural Person of Record
314-821-1100 x233
Keyma.Bullock@thecdcompanies.com



Jack Christman
Architectural Designer
314-821-1100 x168
Jack.Christman@thecdcompanies.com



SOUTH (FRONT) ELEVATION



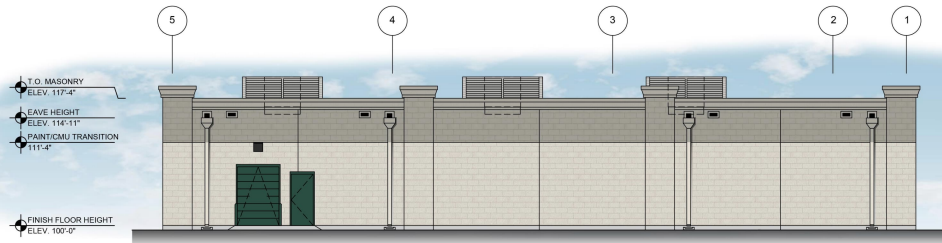
TRASH ENCLOSURE
FRONT ELEVATION



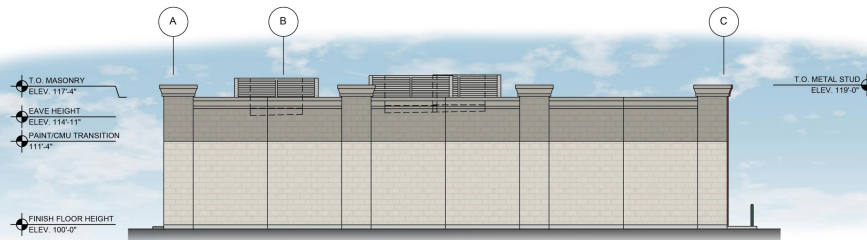
EAST (RIGHT) ELEVATION



SIDE ELEVATION



NORTH (REAR) ELEVATION



WEST (LEFT) ELEVATION

EXTERIOR FINISH LEGEND			
	SIGN BACKING EIFS / CORNICE / FLASHING "POSITIVE RED" SW6871 (GLOSS)		SPLIT FACE CMU PAINT "SHOJI WHITE" SW7042 (SATIN)
	HOLLOW METAL DOORS "HUNT CLUB" SW6468 (SEMI-GLOSS)		ALUMINUM STOREFRONT: "DARK IVY"
	EIFS CORNICE / CAP FLASHING "DORIAN GRAY" SW7017 (SATIN)		ALUMINUM ROOFTOP EQUIPMENT SCREENING LOUVER - COLOR: PUTTY
	SMOOTH FACE CMU PAINT "DORIAN GRAY" SW7017 (SATIN)		COMPOSITE FENCING MATERIAL COLOR TO BE EQUAL TO LOUISIANA-PACIFIC - LP ELEMENTS ATLAS COLLECTION - 76 SERIES "PORTLAND STORM" OR MIDWEST MANUFACTURING - ULTRADECK "NEW"

CHESTERFIELD, MO (CF1)

1

EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)

SERIES: OUTSULATION PLUS MD

TEXTURE: SANDBLAST

COLOR: DRYVIT "ORAP011030S" STRATOTONE HIGH PERFORMANCE

COLOR STANDARD: SHERWIN WILLIAMS "POSITIVE RED" SW6871

(SHER-CRYL) GLOSS

2A

UNIT MASONRY

TYPE: CONCRETE MASONRY UNIT (CMU)

SIZE: 8"X8"X16" (NOM.)

TEXTURE: SMOOTH FACE

COURSING: RUNNING BOND

FINISH: FIELD PAINT (ACCENT COLOR)

COLOR: SHERWIN WILLIAMS "DORIAN GRAY" SW7017 (SATIN)

2B

UNIT MASONRY

TYPE: CONCRETE MASONRY UNIT (CMU)

SIZE: 8"X8"X16" (NOM.)

TEXTURE: SPLIT FACE

COURSING: RUNNING BOND

FINISH: FIELD PAINT (FIELD COLOR)

COLOR: SHERWIN WILLIAMS "SHOUJI WHITE" SW7042 (SATIN)

3

PRE-ENGINEERED METAL BUILDING SHEET METAL FLASHING (AT MASONRY")

TYPE: CAP FLASHING AT MASONRY

FINISH: PREFINISHED

COLOR: EQUAL TO BUTLER BUILDING "DORIAN GRAY"

4

PRE-ENGINEERED METAL BUILDING SHEET METAL FLASHING (AT EIFS PORTAL)

TYPE: CAP FLASHING AT EXTERIOR INSULATION FINISH SYSTEM (EIFS)

FINISH: FACTORY PRIMED AND FIELD PAINT

COLOR: SHERWIN WILLIAMS "POSITIVE RED" SW6871 (SHER-CRYL) GLOSS WITH SHERWIN WILLIAMS THREE COMPONENT (B65T105 / B65V105 / B65C105) CLEAR URETHANE

6

PRE-ENGINEERED METAL BUILDING SHEET METAL GUTTER AND DOWNSPOUT SYSTEM

TYPE: GUTTER AND DOWNSPOUTS

FINISH: PREFINISHED

COLOR: PAINT TO MATCH ADJACENT WALL

7

EXTERIOR DOORS

TYPE: STEEL DOORS AND FRAME

FINISH: FACTORY PRIMED AND FIELD PAINTED

COLOR: SHERWIN WILLIAMS "HUNT CLUB" SW6468 (SEMI-GLOSS)

8

EXTERIOR WINDOW SYSTEM

COLOR: EFCO .IVY., KAWNEER "DARK IVY", VISTA WALL "INTERSTART GREEN"

9

STEEL BOLLARDS

FINISH: FIELD PRIMED AND PAINTED

COLOR: SHERWIN WILLIAMS "HUNT CLUB" SW6468

10

ROOFTOP UNIT (RTU) SCREENING

TYPE: ENVISOR S2 EQUIPMENT MOUNTED SCREENING SYSTEM

DESIGN: ACRYLICAP - LOUVER

TRIM STYLE: FLAT

COLOR: PUTTY

11

ROOFTOP UNIT (RTU)

12

EXTERIOR INSULATION FINISH SYSTEM (EIFS) CORNICE

SERIES: OUTSULATION PLUS MD

TEXTURE: SANDBLAST

COLOR: SHERWIN WILLIAMS "DORIAN GRAY" SW7017 (SATIN)

13

LIGHT BOX

14

ALUMINUM ROOF ACCESS LADDER

15

RUSTICATION JOINT

16

8" CMU BUMP OUT

17

CONTROL JOINT

18

EXPOSED CONCRETE FOUNDATION

19

EXTERIOR INSULATION FINISH SYSTEM (EIFS) CORNICE

SERIES: OUTSULATION PLUS MD

TEXTURE: SANDBLAST

COLOR: DRYVIT "ORAP011030S" STRATOTONE HIGH PERFORMANCE

COLOR STANDARD: SHERWIN WILLIAMS "POSITIVE RED" SW6871

(SHER-CRYL) GLOSS

CASCO

12 Sunnen Drive, Suite 100,
St. Louis, MO 63143
T: 314.821.1100

O'REILLY AUTO PARTS STORE - CF1
38 ARNAGE RD.
CHESTERFIELD, MO 63005

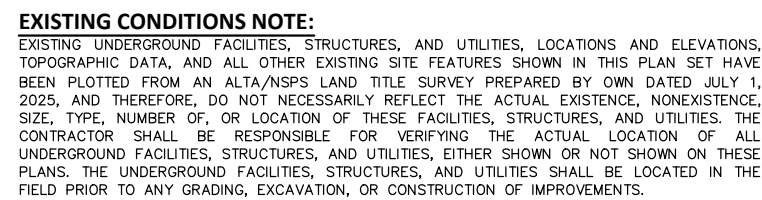
EXTERIOR ELEVATIONS

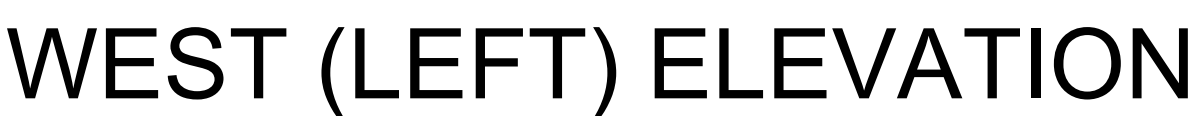
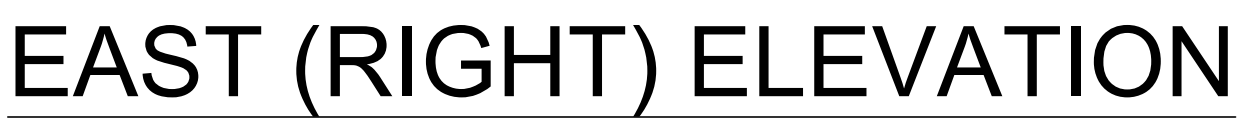
O'Reilly
AUTO PARTS

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JMC		MGC
DATE:		
02/02/26		
PROJECT NUMBER:		
2505148		
SHEET NUMBER:		

A1







NOT FOR
CONSTRUCTION

CASCO

12 Sunnen Drive, Suite 100,
St. Louis, MO 63143
T: 314 821 1100

PROJECT:
O'REILLY AUTO PARTS STORE - CF1
38 ARNAGE RD.
CHESTERFIELD, MO 63005

SIGHT LINE STUDY ELEVATIONS

O'Reilly
AUTO PARTS

REVISIONS		
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DRAWN BY:		CHECKED BY:
JMC		MGC
DATE:		
02/02/26		
PROJECT NUMBER:		
2505148		
SHEET NUMBER:		

A2



NOT FOR
CONSTRUCTION

CASCO
12 Sunnen Drive, Suite 100,
St. Louis, MO 63142

3A. LOUIS, MO 63143
T: 314.821.1100

O'REILLY AUTO PARTS STORE - CF1
38 ARNAGE RD.
CHESTERFIELD, MO 63005

SIGHT LINE STUDY RENDERERS

O'Reilly
AUTO PARTS

REVISIONS

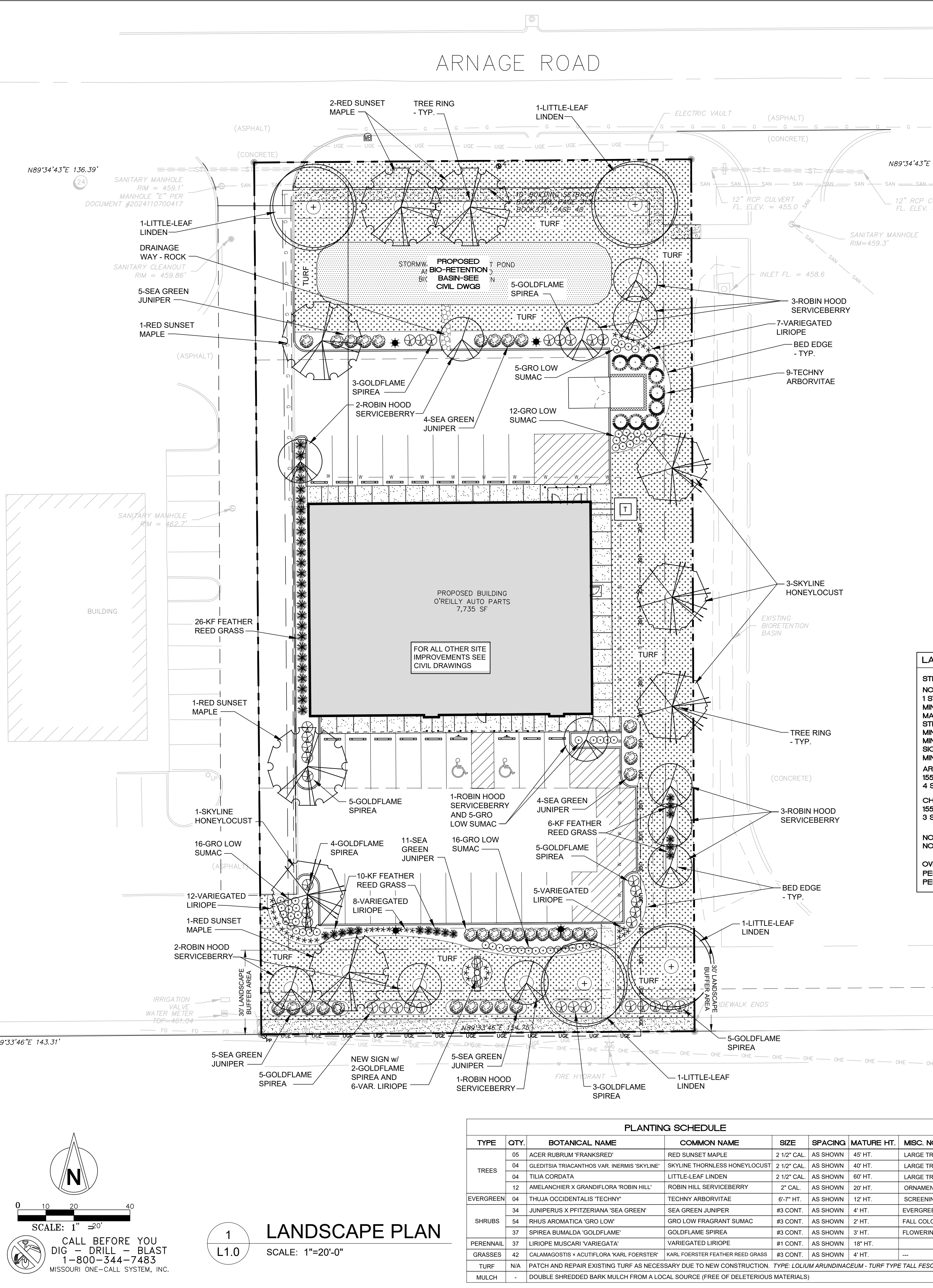
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DESIGNS, DRAWINGS AND SPECIFICATIONS

DRAWN BY: MMC	CHECKED BY: MGC
DATE: 02/02/26	
PROJECT NUMBER: 2505148	
SHEET NUMBER:	

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A3



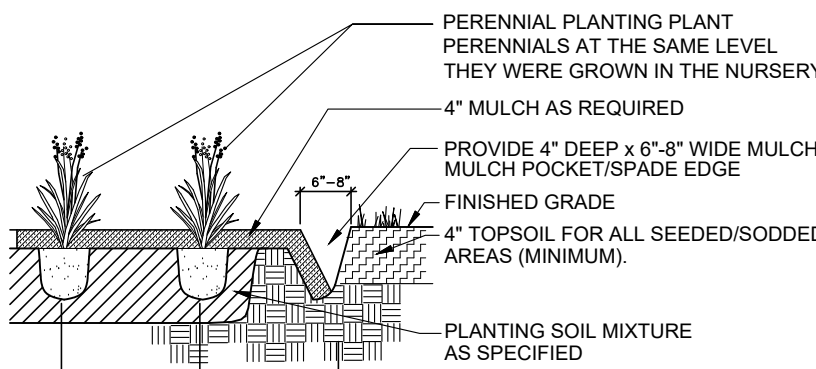
- (A) PROVIDE LAWN IRRIGATION SYSTEM CONSISTING OF MINI JETS, MISTERS, POP-UP RISERS, ADJUSTABLE BUBBLERS, ADJUSTABLE SPRAYERS, DRIPPER NOZZLES (EMITTERS), BACKFLOW PREVENTERS, AUTOMATIC CONTROL VALVES, TIMER, CONTROLLERS AND ALL RELATED ACCESSORIES FOR THE AREAS INDICATED ON THE DRAWINGS AND AS REQUIRED TO COMPLY WITH LOCAL CODES AND REGULATIONS. LAWN IRRIGATION CONTRACTOR SHALL PAY ALL ONE-TIME FEES AND CHARGES RELATED TO THIS WORK, INCLUDING WATER SUPPLY AND METERING. COORDINATE WITH THE WATER COMPANY AS REQUIRED FOR SERVICE ARRANGEMENTS. LAWN IRRIGATION CONTRACTOR SHALL PROVIDE ALL WORK, INCLUDING ALL POWER AND CONTROL WIRING, TESTING, ADJUSTING, AND START-UP AS REQUIRED FOR A COMPLETE, PROPERLY FUNCTIONING SYSTEM.
- (B) IRRIGATION EQUIPMENT SHALL BE MANUFACTURED BY "RAINBIRD", "TORO", "HUNTER", "NETAFIM TECHNOLOGIES" OR OTHER EQUIVALENT APPROVED BY THE OWNER'S REPRESENTATIVE. INSTALLATION SHALL BE AS DESIGNED AND RECOMMENDED BY THE MANUFACTURER'S REPRESENTATIVE AND SHALL BE PERFORMED BY A COMPANY SPECIALIZING AND EXPERIENCED IN THIS TYPE OF WORK.
- (C) WATER SUPPLIES SHALL BE TAKEN FROM THE UNDERGROUND SITE WATER SUPPLY MAIN (WITH SEPARATE METERING OR FROM THE BUILDING MAIN WATER SUPPLY) WITHOUT SEPARATE METERING) AS REQUIRED BY LOCAL CODES AND WATER COMPANY REGULATIONS. LAWN IRRIGATION CONTRACTOR SHALL PROVIDE ALL WORK AND ONE-TIME FEES AND CHARGES ASSOCIATED WITH THE IRRIGATION SYSTEM WATER SUPPLY SERVICE. PROVIDE BACKFLOW PREVENTION AS REQUIRED TO COMPLY WITH LOCAL CODES.
- (D) ALL CONTROL VALVES SHALL BE MANUFACTURED BY "RAINBIRD", "TORO", "HUNTER" OR "IRRI-TROL" AND SHALL BE INSTALLED IN CONCRETE, FIBERGLASS OR CAST IRON VALVE BOXES WITH HEAVY DUTY, VANDAL-PROOF COVERS. SET BOXES FLUSH WITH FINAL GRADES.
- (E) EXCEPT AS OTHERWISE REQUIRED BY CODES, MAIN SUPPLY PIPING SHALL BE SCHEDULE 40 PVC WITH SOLVENT CEMENTED JOINTS, AND BRANCH PIPING SHALL BE SDR 26, CLASS 160, PVC 1120 AND/OR SECTION 162 AND/OR LOCAL CODES. THREADED ADAPTORS AND THREADED PIPE FOR PVC SHALL BE SCHEDULE 80, MINIMUM. SOLVENT FOR PVC JOINTS SHALL BE NSF APPROVED AND PER PIPE MANUFACTURER'S RECOMMENDATIONS. MINIMUM PIPE SIZE SHALL BE 1/2".
- (F) THE IRRIGATION SYSTEM SHALL BE ZONED AS REQUIRED TO PROVIDE THE MOST ECONOMICAL LAYOUT AND PIPE SIZING. THE SYSTEM SHALL BE DESIGNED AND ZONED TO BE COMPATIBLE WITH A MINIMUM 1" WATER METER SIZE, UNLESS OTHERWISE APPROVED BY THE OWNER'S REPRESENTATIVE.
- (G) ALL VALVES AND QUICK COUPLERS SHALL BE LOCATED 12" MIN. FROM SIDEWALKS, CURBS, ASPHALT AREAS, CONCRETE PAVING, ETC. (SLIPS EXCLUDED). THE LAWN IRRIGATION CONTRACTOR SHALL INSTALL QUICK COUPLERS AT +/- 150 FEET O.C. THROUGHOUT THE ENTIRE PROJECT.
- (H) BACKFLOW PREVENTOR SHALL BE ONE OF THE FOLLOWING TYPES (AS REQUIRED BY CITY/MUNICIPALITY): REDUCED PRESSURE ZONE BREAKER ASSEMBLY, REDUCED PRESSURE TYPE VACUUM BREAKER ASSEMBLY OR AN IN-LINE ANTI-SIPHON VALVE BACKFLOW PREVENTER.
- (I) ALL EXTERIOR WIRING SHALL BE DIRECT BURIAL CABLE OR SHALL BE IN SCHEDULE 40 PVC CONDUIT. MINIMUM WIRE SHALL BE 18 GAUGE FOR LOW VOLTAGE CONTROL WIRING WITH SIZE INCREASE FOR LONGER RUNS AS REQUIRED TO LIMIT VOLTAGE DROPPING. PROVIDE 120 VOLT POWER SUPPLY TO THE CONTROLLER. MOUNT CONTROLLER IN THE POWER ROOM OR LOCATION AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

- (J) SLEEVES SHALL BE INSTALLED BY THE LAWN IRRIGATION CONTRACTOR. LAWN IRRIGATION CONTRACTOR SHALL COORDINATE LOCATIONS AND SIZE OF SLEEVES WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION OF WALKS, WALLS, CURBS, DRIVES, ETC. (WHERE AND IF REQUIRED).
- (K) BACKFILL SHALL BE CLEAN MATERIALS FREE OF ROCKS LARGER THAN 2" AND SHALL BE COMPACTED TO PREVENT NOTICEABLE SETTLEMENT AND IRREGULARITIES.
- (L) LAWN IRRIGATION CONTRACTOR SHALL KEEP THE PREMISES CLEAN AND FREE OF EXCESS EQUIPMENT, MATERIALS AND RUBBISH INCIDENTAL TO THE JOB DURING THE INSTALLATION. UPON COMPLETION OF INSTALLATION AND BEFORE FINAL ACCEPTANCE, THE LAWN IRRIGATION CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT AND DEBRIS RESULTING FROM THIS WORK. ALL PAVED AREAS SHALL BE BROOM CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
- (M) IRRIGATION SYSTEM SHALL BE CLEANED DURING INSTALLATION BY FLUSHING ALL COMPONENTS BEFORE FINAL INSTALLATION TO ENSURE THAT NO DIRT/OBJS HAVE ENTERED THE SYSTEM. AFTER FLUSHING ALL PIPING SHALL BE PRESSURE TESTED UNTIL PROVEN LEAK-FREE. FLUSHING AND PRESSURE TESTING SHALL BE COORDINATED WITH INSTALLATION OF PLANTINGS TO PREVENT DAMAGE TO BOTH PLANTS AND PIPING SYSTEM.
- (N) AFTER ALL SPRINKLER HEADS AND PLANTINGS ARE INSTALLED, ADJUST SYSTEM FOR OPTIMUM COVERAGE AND COORDINATION WITH PLANTINGS. ADJUST ALL VALVES, ALIGNMENTS, AND COVERAGE FOR OPTIMUM PERFORMANCE FOR FINAL APPROVAL BY THE OWNER'S REPRESENTATIVE.
- (O) IF REQUIRED, IRRIGATION SYSTEM SHALL BE WINTERIZED BY PERSONNEL FAMILIAR WITH SIMILAR IRRIGATION SYSTEMS.
- (P) IRRIGATION SYSTEM FILTER(S) SHALL BE PERIODICALLY CHECKED, AND FLUSHED CLEAN TO REMOVE DEBRIS. AT INITIAL SYSTEM START-UP FILTER SHALL BE CHECKED EVERY DAY FOR THE FIRST (3) THREE DAYS.
- (Q) LAWN IRRIGATION CONTRACTOR SHALL RECOMMEND AND SET THE PROGRAM ON THE CONTROLLER, PROVIDE THOROUGH, DETAILED OPERATING INSTRUCTIONS FOR THIS SPECIFIC SYSTEM, AND GIVE VERBAL OPERATING INSTRUCTIONS TO THE OWNER'S OPERATING PERSONNEL.
- (R) LAWN IRRIGATION CONTRACTOR SHALL PROVIDE LAYOUT AND SHOP DRAWINGS FOR APPROVAL BY STATE AND LOCAL BUILDING OFFICIALS AND/OR OTHER AGENCIES. LAWN IRRIGATION CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS RELATED TO THIS WORK AND SUBMIT COPIES OF SAME FOR THE OWNER'S RECORDS.

LOW USE IRRIGATION NOTES AND SPEC'S.

8
L1.0

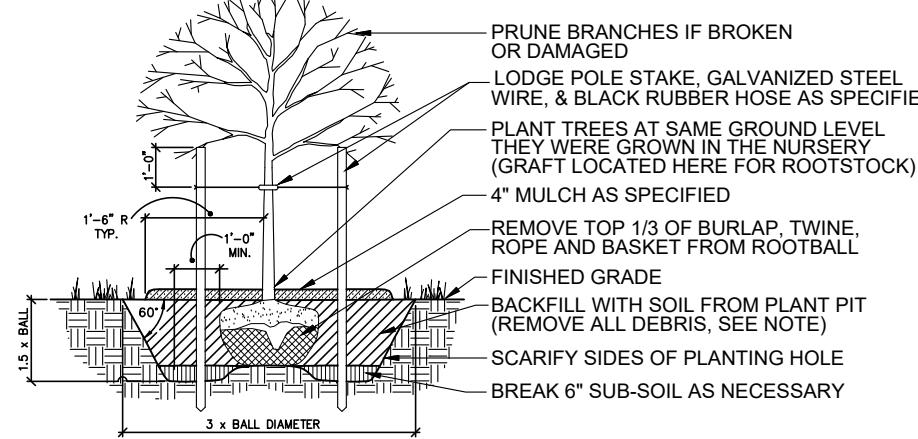
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PERENNIAL BEDS

7
L1.0

SCALE: N.T.S.

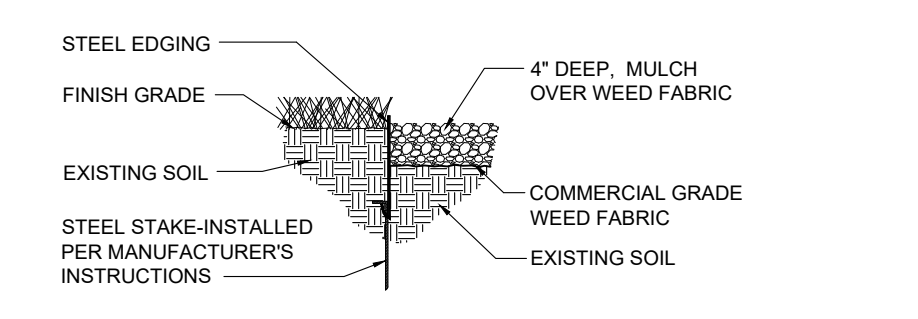


- GENERAL NOTES:
- IF ROOTBALL IS WRAPPED IN NON-BIODEGRADABLE BURLAP, REMOVE ENTIRE WRAP AFTER PLACED IN PIT.
 - WHEN BACKFILLING PLANT PIT, PLACE PLANTING SOIL IN TWO LIFTS. AFTER FIRST LIFT, PUDDLE SOIL IN WITH WATER TO REMOVE ALL AIR POCKETS. PLACE SECOND LIFT AND REPEAT. CONTINUE TO PUDDLE AND FILL AS NECESSARY.
 - PROVIDE TREE STAKE AT INITIAL INSTALLATION. REMOVE STAKES AND WIRES AFTER ONE (1) YEAR OF GROWTH.

TREES

5
L1.0

SCALE: N.T.S.

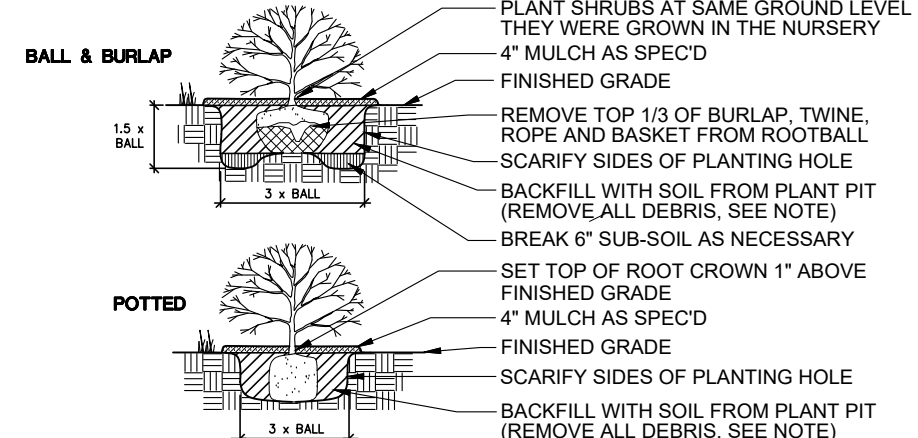


- GENERAL NOTES:
- USE WHEREVER MULCHED PLANTINGS TRANSITION TO TURF AREAS, INCLUDING ALL TREE MULCH RINGS, SHRUB BEDS, MASS PLANTING BEDS, ETC..

EDGING

4
L1.0

SCALE: N.T.S.



- GENERAL NOTES:
- PRUNE ROOTS IF BALL IS ROOTBOUND.
 - REMOVE ALL CONTAINERS AND NON-BIODEGRADABLE BURLAP.
 - WHEN BACKFILLING PLANT PIT, PLACE PLANTING SOIL IN TWO LIFTS. AFTER FIRST LIFT, PUDDLE SOIL IN WITH WATER TO REMOVE ALL AIR POCKETS. PLACE SECOND LIFT AND REPEAT. CONTINUE TO PUDDLE AND FILL AS NECESSARY.

SHRUBS

3
L1.0

SCALE: N.T.S.

LANDSCAPE SPECIALTY NOTES:

- CONVERSION OF ALL ASPHALT AND GRAVEL AREAS TO LANDSCAPE SHALL BE DONE IN THE FOLLOWING MANNER:
 - REMOVE ALL ASPHALT, GRAVEL AND COMPACTED EARTH TO A DEPTH OF 24"-30" DEPENDING ON THE DEPTH OF SUB BASE AND DISPOSE OF OFF SITE.
 - REPLACE EXCAVATED MATERIAL W/ GOOD, MEDIUM TEXTURED PLANTING SOIL (LOAM OR LIGHT YELLOW CLAY) TO A MIN. OF 2" ABOVE TOP OF CURB AND SIDEWALK. ADD 4"-6" OF TOPSOIL AND CROWN TO A MIN. OF 6" ABOVE ADJACENT CURB AND WALK AFTER EARTH SETTLING, UNLESS NOTED OTHERWISE ON THE PLANS.
 - IF CONVERSION TO LANDSCAPE OCCURS IN AN EXISTING (OR BETWEEN) LANDSCAPE AREAS, REPLACE EXCAVATED MATERIAL TO 4"-6" BELOW ADJACENT EXISTING GRADE W/ GOOD MEDIUM TEXTURED PLANTING SOIL (LOAM OR LIGHT YELLOW CLAY) AND ADD 4"-6" OF TOPSOIL TO MEET EXISTING GRADES AFTER EARTH SETTLING.

SPECIALTY NOTES

6
L1.0

SCALE: N.T.S.

LANDSCAPE MAINTENANCE NOTES:

- PRUNE EXISTING SHRUBS TO REMOVE DEAD, DAMAGED AND DISEASED WOOD AND RESHAPE TO NATURAL HABIT. REMOVE ALL SUCKER GROWTH AT GROUND LEVEL.
- CHECK ALL PLANTINGS FOR DISEASE OR INSECT PROBLEMS. APPLY APPROPRIATE CONTROL, WHERE NECESSARY FOLLOWING ALL APPLICATION DIRECTIONS AND PRECAUTIONS.
- REPLACE ALL PLANT MATERIALS WHICH APPEAR TO BE SICKLY, DAMAGED OR MISSHAPEN IN FORM.
- FERTILIZE ALL BEDS WITH A 1:2:1 RATIO (ANALYSIS 5:10:5) AT A RATE OF 10-15 POUNDS PER 1000 SQUARE FEET. FERTILIZE ALL ESTABLISHED TURF AREAS AS WELL. DO NOT FERTILIZE NEWLY SEEDED TURF AREAS EXCEPT WITH A QUALITY STARTER FERTILIZER.
- PATCH AND REPAIR ALL TURF AREAS WHERE REQUIRED WITH MATCHING SEED AND A STARTER FERTILIZER. APPLY SPRAY-ON HERBICIDE TO ESTABLISH TURF AREAS ONLY. FOLLOW HERBICIDE APPLICATION DIRECTIONS. DO NOT ALLOW HERBICIDE TO DRIFT ONTO SHRUB BEDS OR NEIGHBORING PLANTINGS. IF TURF DISEASES ARE PRESENT, APPLY FUNGICIDE. AERATE ALL TURF AREAS. REMOVE THATCH FROM ALL BERMUDA AND ZOYSIA AREAS.

PLANTING SPECIFICATIONS AND GENERAL NOTES:

- PLANTING BED PREPARATION: ALL MASS PLANTING BEDS SHALL BE TILLED TO A MINIMUM DEPTH OF 10". AMENDMENTS (LEAF MOLD OR SPHAGNUM PEAT MOSS) SHALL BE APPLIED DURING CULTIVATION. ALL BEDS ARE TO BE GRADED SMOOTH BEFORE PLANTING. PLANT GROUNDCOVER TO WITHIN 12" OF TREES OR SHRUBS. REMOVE ALL STONES LARGER THAN 2". ALL STICKS, ROOTS, RUBBISH AND ANY OTHER EXTRANEOUS MATERIALS.
- BACKFILL SOIL: USE SOIL EXCAVATED FROM PLANTING HOLES AND PROVIDE AMENDMENTS (1 PART LEAF MOLD OR SPHAGNUM PEAT MOSS AND 2 PARTS EXCAVATED SOIL). ALL NEW TOPSOIL USED SHALL BE FREE OF WEEDS AND OTHER FOREIGN VEGETATION, AS WELL AS, STONES LARGER THAN 2", ALL STICKS, ROOTS, RUBBISH AND ANY OTHER EXTRANEOUS MATERIALS.
- FERTILIZATION: ALL PLANT MATERIALS SHALL BE FERTILIZED UPON INSTALLATION WITH DRIED BONE MEAL OR OTHER SPECIFIED FERTILIZER MIXED IN WITH THE PLANTING SOIL PER THE MANUFACTURER'S INSTRUCTIONS, UNLESS NOTED OTHERWISE.
- MULCH MATERIAL: SEE PLANTING SCHEDULE FOR MULCH TYPE AND COLOR. MASS MULCH ALL PLANTING BEDS TO 4" DEPTH.
- FERTILIZER: JUMP-SHOT ROOT STIMULATOR AS MANUFACTURED BY GORDON OR APPROVED EQUAL, SHALL BE APPLIED TO THE SOIL BACKFILL OF EACH PLANT DURING INSTALLATION.
- ALL PLANT MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AMERICAN ASSOCIATION OF NURSERYMEN, AND SHRUB WILL BE REQUIRED, EXCEPT FOR LOSSES CAUSED BY CONTRACTOR'S ERRORS.
- LANDSCAPE CONTRACTOR SHALL GUARANTEE NEW PLANT MATERIALS THROUGH ONE CALENDAR YEAR FROM THE DATE OF OWNER ACCEPTANCE WITH ALL REPLACEMENTS TO BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ON-GOING MAINTENANCE OF ALL NEWLY INSTALLED MATERIALS UNTIL TIME OF OWNER ACCEPTANCE. ANY ACTS OF VANDALISM OR DAMAGE WHICH MAY OCCUR PRIOR TO OWNER ACCEPTANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- WARRANTY FOR LANDSCAPE MATERIALS SHALL BEGIN ON THE DATE OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE AFTER THE COMPLETION OF ALL LANDSCAPE MATERIALS. NO PARTIAL ACCEPTANCE WILL BE CONSIDERED. LANDSCAPE CONTRACTOR SHALL PROVIDE A WRITTEN REQUEST FOR THE OWNER'S ACCEPTANCE INSPECTION. REMOVE AND REPLACE DEAD PLANT MATERIAL (25% + DEAD) IMMEDIATELY UNLESS REQUIRED TO PLANT IN THE SUCCEEDING PLANTING SEASON. A LIMIT OF ONE REPLACEMENT OF EACH TREE.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN-UP OF SITE AT THE COMPLETION OF LANDSCAPING EACH DAY. AT ALL TIMES SHALL THE SIDEWALKS BE MAINTAINED CLEAN AND FREE OF DEBRIS. REMOVE SURPLUS SOIL AND WASTE MATERIAL, TRASH AND DEBRIS FROM THE SITE AND LEGALLY DISPOSE OF SAME IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL CODES AND REGULATIONS.
- ALL PLANTS TO BE INSTALLED AS PER PLANTING DETAILS. PLANT MATERIALS ARE TO BE PLANTED IN THE SAME RELATIONSHIP TO GRADE AS WAS GROWN IN NURSERY CONDITIONS IF WET, CLAY SOILS OR POOR DRAINING SOILS ARE EVIDENT, PLANT HIGHER. REMOVE ALL TWINE, WIRE AND BURLAP FROM TOP 1/3 OF ROOT BALL AND FROM TREE TRUNKS.
- ALL TREE RINGS AND SHRUB BEDS IN LAWN AREAS SHALL BE EDGED AS INDICATED ON EDGING DETAIL. THIS SHEET.
- MULCHING AND WATERING OF ALL PLANTS & TREES SHALL BE IMMEDIATELY OR WITHIN 16 HOURS AFTER INSTALLATION.

SPECIFICATIONS & LANDSCAPE NOTES

2
L1.0

SCALE: N.T.S.

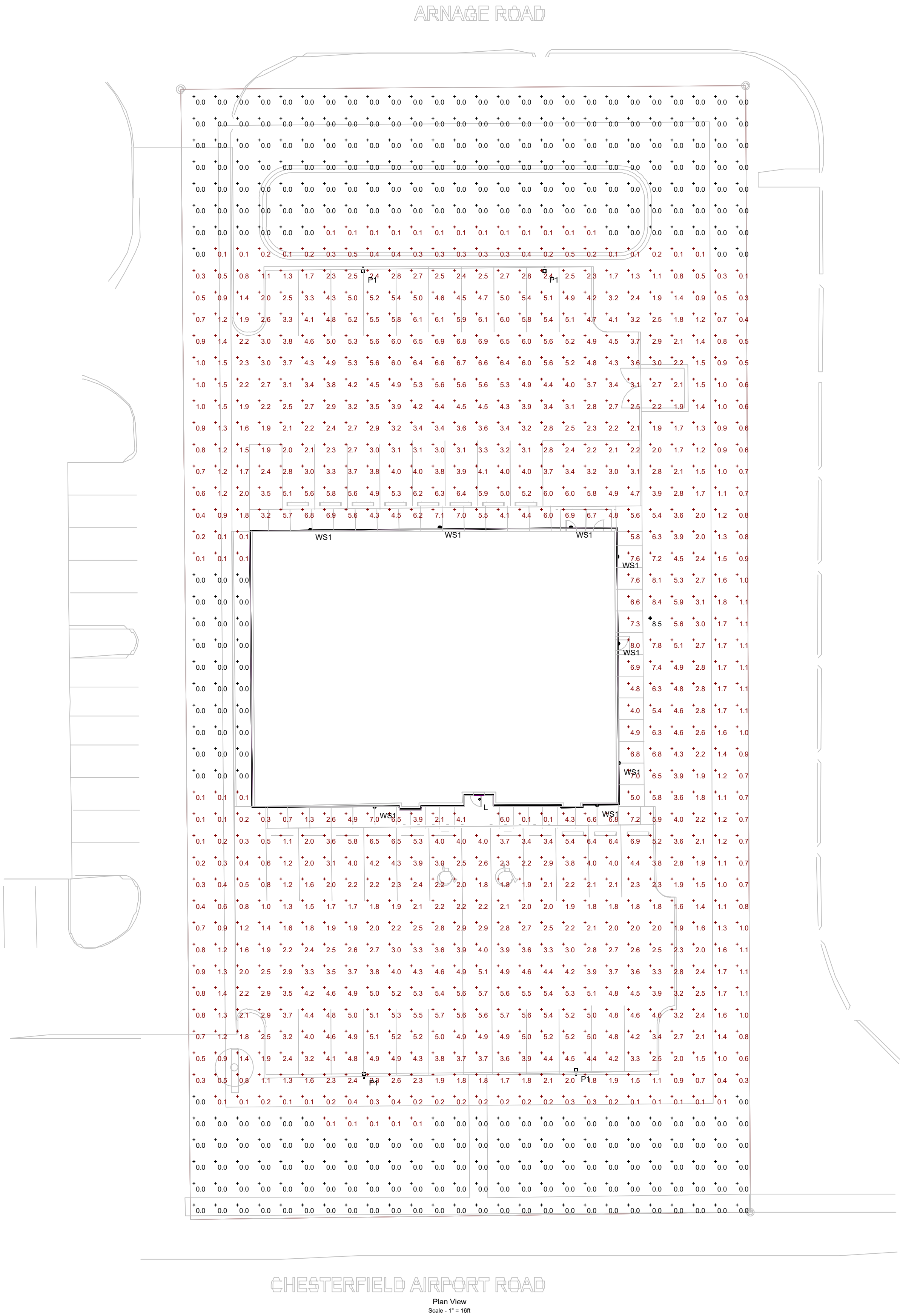
No.	CONSTR. DOC. & REVISIONS	
	Description	Date
1	Site Development Plan Submittal	02-03-26

PROFESSIONAL OF RECORD

Mark A. Maurer
License No.: pla-2016002018
Expiration Date: 12/31/26

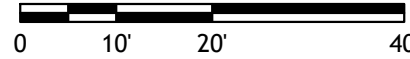
Drawn By/Checked By: MAM/MAM
Project Number: 2505148
Permit Date: ---
Bid Date: ---
For Construction: ---

LANDSCAPE PLAN AND DETAILS



SITE PHOTOMETRICS PLAN

SCALE: 1"=20'-0" (IN FEET)



LIGHTING FIXTURE SCHEDULE							
TYPE	MANUFACTURER	CATALOG NUMBER	VOLT	FINISH	MOUNTING	LAMP	NOTES
EXTERIOR LIGHTS							
L	LSI	LAD6 41 LED 40 75 UE TR6R SF-HAZ (NO SUBSTITUTIONS)	120	CLEAR	RECESSED	LED	6"Wx 8" T RECESSED CAN, 3849 LUMENS (NOMNAL)
WS1	LSI	XWMT-LED-06L-50-UE-BRZ (NO SUBSTITUTIONS)	120	DARK BRONZE	SURFACE WALL	LED	12-3/4"Wx 19-15/16"L x 5-5/16" T FULL CUT OFF FIXTURE, BUG RATING B1-U0-G1. SEE ARCHITECTURAL ELEVATIONS FOR DIMENSIONED LOCATIONS.
P1	LSI	MRM-LED-18L-SIL-FT-UNV-DIM-50-700CRI-BRZ-IL (HEAD)	120	DARK BRONZE	POLE MOUNTED	LED	LED HEAD WITH FORWARD THROW DISTRIBUTION, ADVANCED BALLASTS, FULL CUT-OFF, NO SUBSTITUTIONS WITH INTERNAL LOUVER HOUSE SHIELD. BUG RATING B2-U0-G3.
	LSI	5SQB3-S11G-20-S-BRZ-LAB-5BC (POLE)		DARK BRONZE	SEE DETAIL		20' POLE LENGTH, ANCHOR BOLTS W/ HARDWARE & TEMPLATE.
NOTES:							
1. ALL ITEMS LISTED ON THE "LIGHT FIXTURE SCHEDULE" WILL BE SUPPLIED BY THE OWNER (O'REILLY). ITEMS SHALL BE DIRECT ORDERED AND/OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTION.							
2. NATIONAL ACCOUNT VENDOR:							
SOURCEONE SOLUTIONS							
6800 KEATON CORPORATE PKWY.							
O'FALLON, MO. 63368							
EMAIL: mcoreilly@sourceonesolutions.com							
TOLL FREE: (314) 499-6400							

BACKLIGHT-UPLIGHT-GLARE (BUG) RATING / FULL CUTOFF

ALL "LSI MRM" & "XWM" LED FIXTURES HAVE ZERO UPLIGHT AND ARE CONSIDERED FULL CUT OFF AND DARKSKY COMPLIANT. THE DELIVERED LUMEN CHART BELOW APPLIES TO "LSI XWM" FIXTURES AND CONFIRMS THAT IN EVERY CONFIGURATION THE FIXTURE PRODUCES ZERO UPLIGHT (U = 0). BUG RATING CHART FOR "LSI MRM" FIXTURES IS FOUND ON CORRESPONDING "SP" SHEETS.

Statistics				
Description	Symbol	Avg	Max	Min
Calc Zone #2	+	2.0 f.c.	8.5 f.c.	0.0 f.c.

AUTOMATIC LIGHTING CONTROL	
COMPLIANCE WITH ENERGY CODE IS ACHIEVED BY:	
1. ONCE THE EMS HAS BEEN PROGRAMMED, THE INTERIOR AND EXTERIOR LIGHTS WILL TURN ON AND OFF USING THE FOLLOWING LOGIC: SEE EM SHEETS.	
1.1. INTERIOR WORK LIGHTS WILL TURN ON WITH FIRST MOTION IN THE STORE AND WILL TURN OFF 15 MINUTES AFTER LAST MOTION ONCE THE STORE IS CLOSED.	
1.2. INTERIOR SALES LIGHTS WILL TURN ON AT STORE OPENING AND TURN OFF 15 MINUTES AFTER STORE CLOSING.	
1.3. EXTERIOR SIGN LIGHTS WILL TURN ON WHEN ITS DARK ENOUGH OUTSIDE ANYTIME DURING STORE HOURS, AND WILL TURN OFF AT STORE CLOSING.	
1.4. EXTERIOR SITE LIGHTS WILL TURN ON WHEN IT IS DARK ENOUGH OUTSIDE AND IT IS WITHIN STORE HOURS OR THERE IS MOTION IN THE STORE. THEY WILL TURN OFF 30 MINUTES AFTER LAST MOTION ONCE THE STORE IS CLOSED.	
1.5. FOR NEW CONSTRUCTION LOCATIONS ONLY, THERE IS A TEMPORARY PROGRAM TO KEEP SIGN AND SITE LIGHTS ON UNTIL MIDNIGHT RATHER THAN THE TIMES INDICATED ABOVE. O'REILLY WILL DISABLE THIS PROGRAM ONE YEAR AFTER STORE OPENING.	
2. RESTROOMS AND OFFICES: ALL LIGHTING IN THESE AREAS ARE CONTROLLED BY OCCUPANT-SENSING DEVICES.	

NOT FOR
CONSTRUCTION

CASCO

12 Surmen Drive, Suite 100,
St. Louis, MO 63143
1-816-261-1100

PROJECT:
O'REILLY AUTO PARTS STORE - CF1
38 ARNAGE RD.
CHESTERFIELD, MO 63005

SITE PHOTOMETRICS PLAN

O'Reilly
AUTO PARTS

REVISIONS

REV	DESCRIPTION	DATE
▲		
▲		
▲		
▲		
▲		

DRAWN BY:	CHECKED BY:
BJG	DAT
DATE:	
02/02/26	
PROJECT NUMBER:	
2505148	
SHEET NUMBER:	

SP1



Catalog #: _____ Project: _____
Prepared By: _____ Date: _____ Type: _____

Mirada Medium (MRM) Outdoor LED Area Light

IP66 IK08



OVERVIEW	
Lumen Package	7,000 - 48,000
Wattage Range	48 - 401
Efficacy Range (LPW)	117 - 160
Weight lbs(kg)	30 (13.6)

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Designed to mount to square or round poles.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 37 lbs in carton.

Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated sealed optical chamber in 1 component.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in IDE Types 2, 3, 5W, FT, FTA and AM.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak Intensity at 610nm.
- Minimum CRI of 70.
- Integral Louver (IL) and house-side shield (HS) options available for improved backlight control without sacrificing street side performance. See page 3 for more details.

Electrical

- High-performance programmable driver features over-voltage, under-voltage, short-circuit and over temperature protection. Custom lumen and wattage packages available.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L80 Calculated Life >100K Hours (See Lumen Maintenance on Page 5)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 42L and 48L lumen packages rated to +40°C.
- Power factor: >90
- Input power stays constant over life.
- Field replaceable 10KV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor (see page 9 for more details). Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7. (see page 9 for more details).

Specifications and dimensions subject to change without notice.

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Catalog #: _____ Project: _____
Prepared By: _____ Date: _____ Type: _____

Mirada Medium Wall Sconce (XWM) Outdoor LED Wall Sconce

IP66 IK08



OVERVIEW	
Lumen Range	3,000 - 12,000
Wattage Range	23 - 102
Efficacy Range (LPW)	107 - 140
Weight lbs(kg)	30 (13.6)

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Hinged die-cast aluminum wiring access door located underneath.
- Galvanized-steel universal wall mount bracket comes standard with hinging mechanism to easily access the junction box wire connections without removing the luminaire.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 30 lbs in carton.

Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated sealed optical chamber in 1 component.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in Types 2, 3, and Forward Throw (FT) distributions.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K and 3000K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak Intensity at 610nm.
- Minimum CRI of 70.

Electrical

- High-performance programmable driver

- Features over-voltage, under-voltage, short-circuit and over temperature protection. Custom lumen and wattage packages available.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L80 Calculated Life >100K Hours
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Power factor: >90
- Input power stays constant over life.
- Optional 10KV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed via hinged door.
- Optional integral emergency battery pack provides 90-minutes of constant power to the LED system, ensuring code compliance.
- A test switch/indicator button is installed on the housing for ease of maintenance. The fixture delivers 1500 lumens during emergency mode.

Controls

- Integral passive infrared Bluetooth™ motion and photocell sensor options. Fixtures operate independently and can be commissioned via an iOS or Android configuration app. Updates and modifications to the control strategy are easily implemented via an intuitive app.

- LSI's AirLink™ Blue lighting control system is a simple feature rich wireless Bluetooth

Specifications and dimensions subject to change without notice.

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Type: _____

Mirada Medium Outdoor LED Area Light

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: **MRM LED 36L SIL FTA UNV DIM 50 70CRI ALSCS04 BRZ IL**

Luminaire Prefix	Light Source	Lumen Package	Light Output	Distribution	Orientation	Voltage	Driver
MRM - Mirada	LED	7L - 7,000 lms 9L - 10,000 lms 12L - 12,000 lms 15L - 15,000 lms 24L - 24,000 lms 36L - 36,000 lms 38L - 38,000 lms 42L - 42,000 lms 48L - 48,000 lms Custom Lumen Packages	SIL - Silicone	2 - Type 2 3 - Type 3 SW - Type 5 Wide FT - Forward Throw FTA - Forward Throw Automotive AM - Automotive Merchandise	(Blank) - standard L - Optics rotated left 90° R - Optics rotated right 90°	UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V)	DIM - 0-10V Dimming (0-10%)

Color Temp	Color Rendering	Finish	Options
50-5000 CCT	70CRI - 70 CRI	BLK - Black BRZ - Dark Bronze DMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHF - White	(Blank) - None IL - Integral House/Side Shield* IL - Integral Louver (Sharp Spill Light Output)*

Controls (Choose One)	
Blank - None Wireless Controls System: ALSC - AirLink Synapse Control System ALSC01 - AirLink Synapse Control System Host / Satellite* ALSC02 - AirLink Synapse Control System with 12-20" Motion Sensor ALSC03 - AirLink Synapse Control System with 25-40" Motion Sensor ALSC04 - AirLink Synapse Control System Host / Satellite with 20-40" Motion Sensor* ALSC05 - AirLink Blue Wireless Motion & Photo Sensor Controller (9-24" mounting height) ALSC06 - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40" mounting height) Standalone Controls: EXT - 0-10V dimming leads extended to housing exterior CCTP - 7 Pin Control Racebackless ANSI C136.4-1 IMSBT - Integral Bluetooth™ Motion and Photocell Sensor (8-24" Mt) IMSBT - Integral Bluetooth™ Motion and Photocell Sensor (25-40" Mt) Button Type Photocontrols: PC120 - 120V PC208-277 - 208-277V PC347 - 347V	

Accessory Ordering Information*	
Control Accessories	
PC120 Protocol for use with CTRP option (120V)	122514
PC208-277 Protocol for use with CTRP option (208V, 240V, 277V)	122515
Turret Lock Protocol (240V) for use with CTRP	122516
Turret Lock Protocol (480V) for use with CTRP	122516
AirLink 7 Pin Turret Lock Controller*	661809
IMSBT01-240 Pin Mount Occupancy Sensor (24V)	662023-01
Shooting Gap for use with CTRP	146028

Fusing Options*	
Description	Order Number
Single Fusing (120V)	See Fusing Accessory Guide
Single Fusing (277V)	
Double Fusing (208V, 240V)	
Double Fusing (480V)	
Double Fusing (347V)	751632

Mounting Accessories*	
Description	Order Number*
Universal Mounting Bracket	684616CL
Adjustable Sloe Flare (2" - 2 3/8" Taper)	688138CL
Horizontal Sloe Flare (2" - 2 3/8" Taper)	687010CL
Quick Mount Pole Bracket (Square Pole)	687010CL
Quick Mount Pole Bracket (4" Round Pole)	689002CL
15 1/8" Quick Mount Pole Bracket (Square Pole)	689002CL
15 1/8" Quick Mount Pole Bracket (4" Round Pole)	689002CL
Wall Mount Bracket	382132CL
Wood Pole Bracket (6" Minimum Pole Diameter)	751710CL

FOOTNOTES:
1. Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DCL listed.
2. Not available with SW distribution.
3. Consult factory for availability.
4. Not available in HV.
5. IMSBT is field configurable via the LSI app that can be downloaded from your smartphone's native app store.
6. Control device or shoring cap must be ordered separately. See Accessory Ordering Information.

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Type: _____

Mirada Medium Outdoor LED Area Light

PERFORMANCE

Delivered Lumens*		CRI		3000K CCT		4000K CCT		5000K CCT		Wattage
Lumen Package	Distribution	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	
7L	2	7560	157	82-10-02	7560	157	82-10-02	7560	157	82-10-02
	3	7614	159	82-10-02	7614	159	82-10-02	7614	159	82-10-02
	SW	7292	152	82-10-01	7292	152	82-10-01	7292	152	82-10-01
	FT	7562	158	82-10-02	7562	158	82-10-02	7562	158	82-10-02
	FTA	7595	158	82-10-02	7595	158	82-10-02	7595	158	82-10-02
	AM	7687	160	81-10-01	7687	160	81-10-01	7687	160	81-10-01
9L	2	8653	159	82-10-02	8653	159	82-10-02	8653	159	82-10-02
	3	8626	160	82-10-02	8626	160	82-10-02	8626	160	82-10-02
	SW	8504	153	82-10-02	8504	153	82-10-02	8504	153	82-10-02
	FT	8651	159	82-10-02	8651	159	82-10-02	8651	159	82-10-02
	FTA	8601	160	82-10-02	8601	160	82-10-02	8601	160	82-10-02
	AM	10019	162	82-10-01	10019	162	82-10-01	10019	162	82-10-01
12L	2	12138	156	82-10-02	12138	156	82-10-02	12138	156	82-10-02
	3	12322	156	82-10-02	12322	156	82-10-02	12322	156	82-10-02
	SW	12689	149	84-10-02	12689	149	84-10-02	12689	149	84-10-02
	FT	12138	156	82-10-02	12138	156	82-10-02	12138	156	82-10-02
	FTA	12196	155	82-10-02	12196	155	82-10-02	12196	155	82-10-02
	AM	13355	157	82-10-02	13355	157	82-10-02	13355	157	82-10-02
15L	2	15918	143	82-10-02	15918	143	82-10-02	15918	143	82-10-02
	3	15461	144	82-10-02	15461	144	82-10-02	15461	144	82-10-02
	SW	15833	138	84-10-02	15833	138	84-10-02	15833	138	84-10-02
	FT	15924	143	82-10-02	15924	143	82-10-02	15924	143	82-10-02
	FTA	15408	144	82-10-02	15408	144	82-10-02	15408	144	82-10-02
	AM	15941	145	82-10-02	15941	145	82-10-02	15941	145	82-10-02
18L	2	19918	143	82-10-02	19918	143	82-10-02	19918	143	82-10-02
	3	19451	144	82-10-02	19451	144	82-10-02	19451	144	82-10-02
	SW	18533	138	84-10-02	18533	138	84-10-02	18533	138	84-10-02
	FT	19924	143	82-10-02	19924	143	82-10-02	19924	143	82-10-02
	FTA	19408	144	82-10-02	19408	144	82-10-02	19408	144	82-10-02
	AM	19941	145	82-10-02	19941	145	82-10-02	19941	145	82-10-02
24L	2	24918	143	82-10-02	24918	143	82-10-02	24918	143	82-10-02
	3	24451	144	82-10-02	24451	144	82-10-02	24451	144	82-10-02
	SW	25037	142	85-10-03	25037	142	85-10-03	25037	142	85-10-03
	FT	25044	148	82-10-04	25044	148	82-10-04	25044	148	82-10-04
	FTA	26077	148	82-10-03	26077	148	82-10-03	26077	148	82-10-03
	AM	26393	150	82-10-02	26393	150	82-10-02	26393	150	82-10-02
30L	2	32417	140	84-10-03	32417	140	84-10-03	32417	140	84-10-03
	3	32589	141	82-10-04	32589	141	82-10-04	32589	141	82-10-04
	SW	31267	135	85-10-02	31267	135	85-10-02	31267	135	85-10-02
	FT	32424	140	82-10-04	32424	140	82-10-04	32424	140	82-10-04
	FTA	32560	140	84-10-03	32560	140	84-10-03	32560	140	84-10-03
	AM	32903	142	82-10-03	32903	142	82-10-03	32903	142	82-10-03
36L	2	38275	133	84-10-04	38275	133	84-10-04	38275	133	84-10-04
	3	38557	134	84-10-05	38557	134	84-10-05	38557	134	84-10-05
	SW	36917	128	85-10-04	36917	128	85-10-04	36917	128	85-10-04
	FT	38283	133	84-10-02	38283	133	84-10-02	38283	133	84-10-02
	FTA	38403	134	84-10-04	38403	134	84-10-04	38403	134	84-10-04
	AM	38915	135	82-10-02	38915	135	82-10-02	38915	135	82-10-02

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Type: _____

Mirada Medium Outdoor LED Area Light

PERFORMANCE (CONT.)

Delivered Lumens*												
Lumen Package	Distribution	CRI	3000K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
42L	2	70	44118	125	85-UD-04	44118	125	85-UD-04	44118	125	85-UD-04	354
	3		44444	126	84-UD-05	44444	126	84-UD-05	44444	126	84-UD-05	
	5W		42555	120	85-UD-04	42555	120	85-UD-04	42555	120	85-UD-04	
	FT		41330	125	84-UD-05	41330	125	84-UD-05	41330	125	84-UD-05	
	FTA		44322	125	84-UD-04	44322	125	84-UD-04	44322	125	84-UD-04	
	AM		44859	127	84-UD-03	44859	127	84-UD-03	44859	127	84-UD-03	
	2		48795	122	85-UD-04	48795	122	85-UD-04	48795	122	85-UD-04	
48L	3	70	49156	123	84-UD-05	49156	123	84-UD-05	49156	123	84-UD-05	401
	5W		47066	117	85-UD-04	47066	117	85-UD-04	47066	117	85-UD-04	
	FT		48809	122	84-UD-05	48809	122	84-UD-05	48809	122	84-UD-05	
	FTA		49021	122	85-UD-04	49021	122	85-UD-04	49021	122	85-UD-04	
	AM		49615	124	84-UD-03	49615	124	84-UD-03	49615	124	84-UD-03	



SOUTHWEST CORNER

NOT FOR
CONSTRUCTION

CASCO

122 Sawney Drive, Suite 100,
Ft. Mill, SC 29504

PROJECT:
O'REILLY AUTO PARTS STORE - CF1
38 ARNAGE RD.
CHESTERFIELD, MO 63005

3D RENDERING

O'Reilly
AUTO PARTS

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DESIGNED BY: JMC
CHECKED BY: MGC
DATE: 02/02/26
PROJECT NUMBER: 2505148
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