



**AGENDA**  
**ARCHITECTURAL REVIEW BOARD MEETING**  
Conference Room 102-103  
Thursday, November 13, 2025  
5:30 PM

**I. CALL TO ORDER**

**II. APPROVAL OF MEETING SUMMARY**

A. October 16, 2025

**III. UNFINISHED BUSINESS**

**IV. NEW BUSINESS**

A. **13490 Olive Blvd. (Take 5 Oil Change)**: Amended Architectural Elevations for an existing vehicle service center facility located on a 0.40-acre tract of land, zoned "C2" Shopping District with Conditional Use Permit No. 17.

**V. OTHER**

**VI. ADJOURNMENT**

\*PC Liaison **Robert Rodermund** scheduled for this meeting.

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

# II. A.



THE CITY OF CHESTERFIELD  
ARCHITECTURAL REVIEW BOARD  
THURSDAY – OCTOBER 16, 2025  
5:30 PM  
CONFERENCE ROOM 102/103

ATTENDANCE:

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

ABSENT:

Mr. Matt Adams

ALSO IN ATTENDANCE:

Mayor Dan Hurt  
Councilmember Mary Ann Mastorakos  
Planning Commission Liaison Khalid Chohan  
Ms. Alyssa Ahner, Senior Planner/Staff Liaison  
Ms. Shilpi Bharti, Planner  
Ms. Kristine Kelley, Recording Secretary

I. CALL TO ORDER

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

II. APPROVAL OF MEETING SUMMARY

A. August 14, 2025

Vice-Chair Starling made a motion to approve the meeting summary with the following additions shown below in *green*:

- Motion, page 2: If permitted by the electric company, consider painting the interior *courtyard* meter boxes.
- Motion, page 3: Consider correcting and updating the exposed interior *courtyard* aggregate sidewalk to provide uniformity of appearance.

Board Member Mehrtens seconded the motion. The motion passed by a voice vote of 4-0. *Since Chair Weber was not present at this meeting, he recused himself from the vote.*

III. UNFINISHED BUSINESS - There was no unfinished business at this time.

IV. NEW BUSINESS

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

STAFF PRESENTATION

Ms. Shilpi Bharti, Planner explained that the project was reviewed in 2022 but now the applicant is requesting modifications to the previously approved elevations. Ms. Bharti further provided background history along with an explanation of the previous and proposed materials and colors.

Scale and Topography

The proposed building is 30 feet tall, compared to the previously approved height of 29 feet. The finished elevation of the site will be 5 feet lower from East Chesterfield Parkway.

Trash Enclosure

No changes are proposed to the location of the enclosure which will be constructed using painted tilt-up concrete panels.

Mechanical Equipment

The rooftop units will be screened by the parapet walls.

Lighting

The applicant is only updating the wall pack fixture which will be cylindrical-shaped light with an open top and bottom feature.

Color and material samples were provided and the architect was available to answer any questions. The color sample for painted concrete tilt-up panel was provided.

DISCUSSION

During discussion the following information was provided.

- Concerns with the amount of tilt-up concrete material along the highly visible south elevation which faces the highway.
- Smaller mechanical units are proposed and zoned as necessary. Although the roof-mount mechanical units will be screened by the building's parapet walls, a sight-line diagram was requested.
- Columns and accent lighting add elegance to the building.
- Updated Landscape Plan will be presented to the ARB for review.
- Screening around the perimeter of the property.
- Question was raised as to necessity of modifications. Due to contractual issues a new architectural firm "Osnova Architecture" was selected.

After considerable discussion, the petitioner requested to **hold** the project to allow time to address the concerns raised from the Board.

Motion

Board Member Mehrstens made a motion to accept the petitioners request to **HOLD** Chabad of Chesterfield. Vice-Chair Starling seconded the motion. The motion passed by a voice vote of 5-0.

- B. Wings Corporate Estates, Consolidated Lot A: A Site Development Section Plan, Landscape Plan, Lighting Plan, Architectural Elevations, and Architect's Statement of Design for a 13.61-acre tract of land zoned "PI" Planned Industrial District located south of Wings Corporate Drive and east of Buzz WestFall Drive.

#### STAFF PRESENTATION

Ms. Alyssa Ahner, Senior Planner explained that the request consists of a 109,000 square foot warehouse and office building. The area of the building used for warehouse/manufacturing is a single-story design while the office portion of the building is a two-story design. A lot consolidation plat will be reviewed by City Council to legally consolidate the eight (8) lots into one (1).

Ms. Ahner further provided history along an aerial image showing the current status of the site and the surrounding development.

#### Circulation & Access

There are a total of three (3) driveways proposed. The driveway along Buzz Westfall Drive will be gated to serve as the entrance to the loading area. The site meets parking standards along with five (5) ADA spaces near the main entrance of the building that fronts on Wings Corporate Drive.

#### Materials & Design

The building will be constructed primarily of concrete tilt-up panels with reveals and painted with a three-tone grey palette.

- *Warehouse/manufacturing* - the building will have clerestory windows with a low-e glazing in a prefinished black aluminum framing system. A concrete patio with a prefabricated metal shade structure in black is proposed along the west elevation to serve as an employee break area.
- *Office* - the building will be accented with a feature wall clad with stone in addition to a multi-level patio. The multi-level patio will utilize ACM paneling in matte black while the underside will feature a wood look metal panel. Windows with a low-e tinted glazing will wrap around this corner of the building.

#### Landscaping

The site exceeds the required openspace requirement. A total of 98 trees (32.6% fast growing and 67.4% slow growing) have been dispersed throughout the site while a mixture of shrubs, forbs, grasses, and annuals will make up the remainder of the landscaping.

#### Utility Equipment

Attention has been paid to existing and proposed ground-mounted utility boxes by providing additional plantings where feasible.

#### Bioretention

A Bioretention wraps around the southern property boundary and will have native grasses per MSD requirements.

#### Fence

The entirety of rear of the site will be fenced off with a 6' tall vinyl fence in grey. Trash will be located within this fence area so a separate enclosure is not being proposed.

Lighting

Parking lot light poles will be 20' tall and are spread throughout the site. Two (2) different types of wall-mounted lights have been chosen.

DISCUSSION

During discussion the following information was provided.

- Purpose to the undeveloped lot which will serve as a future manufacturing plant. Preferred "office" use at the corner of Wings Corporate Drive and Buzz WestFall Drive. The applicant prefers a multi-level patio to have a view of the airport.
- Metal wood finish material will be used beneath the canopies with stone cladding around the patio base.
- FAA approval has been granted.
- There will be three (3) recycling units and one (1) trash dumpster inside the fenced area.
- Future knock-out doors are a possibility.
- The use is a single-tenant – Pier Tech Systems.
- Use of landscaping was discussed due to proximity with the airport. Selection of natural grasses along the bioretention area per MSD requirements.
- A sight-line diagram was discussed but deemed not necessary.

Motion

Vice-Chair Starling made a motion to forward Wings Corporate Estates, Consolidated Lot A to Planning Commission, as presented, with a recommendation of approval. Board Member Lew seconded the motion. The motion passed by a voice vote of 5-0.

C. Proposed 2026 Meeting Calendar

The Board motioned to unanimously approve the 2026 meeting schedule.


V. OTHER

VI. ADJOURNMENT 6:40 p.m.

## Architectural Review Board Staff Report

**Project type:** Amended Architectural Elevations

**Meeting Date:** November 13, 2025

**From:** Shilpi Bharti, Planner 

**Location:** 13490 Olive Blvd.

**Description:** **13490 Olive Blvd. (Take 5 Oil Change):** Amended Architectural Elevations for an existing vehicle service center facility located on a 0.40-acre tract of land, zoned "C2" Shopping District with Conditional Use Permit No. 17.

### PROPOSAL SUMMARY

TR,i Architects has submitted Amended Architectural Elevations for an existing vehicle service facility located south of Olive Blvd. The existing building is constructed of brick with an aluminum panel band along the upper portion. The applicant proposes to repaint the building and remove the aluminum panels. No other changes to the site are proposed.

### HISTORY OF SUBJECT SITE

Prior to the incorporation of the City of Chesterfield, St. Louis County approved Conditional Use Permit No. 183 in 1970 to allow a gas station on the site. In 1995, the City of Chesterfield granted a Conditional Use Permit No. 17 for a vehicle service station. That same year, the Chesterfield Planning Commission approved the Architectural Elevations, Site Development Plan, and Landscape Plan for the property.

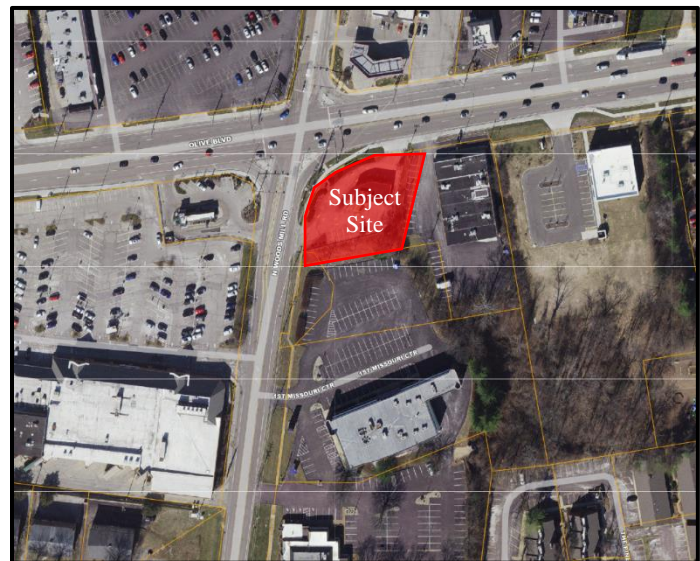


Figure 1: Subject Site

In 2009, an Amended Architectural Elevation was approved by the Planning Commission.

### STAFF ANALYSIS

An elevation is amended for the new tenant “Take 5 Oil Change” facility. The proposed changes include repainting the existing brick and removing the aluminum panels band. There are no modifications to the previously approved Site Development Plan. Site access is provided from South Woods Mill Road and Olive Blvd. The subject property is zoned C-2 Shopping District under the terms and conditions of City of Chesterfield Conditional Use Permit No. 17.

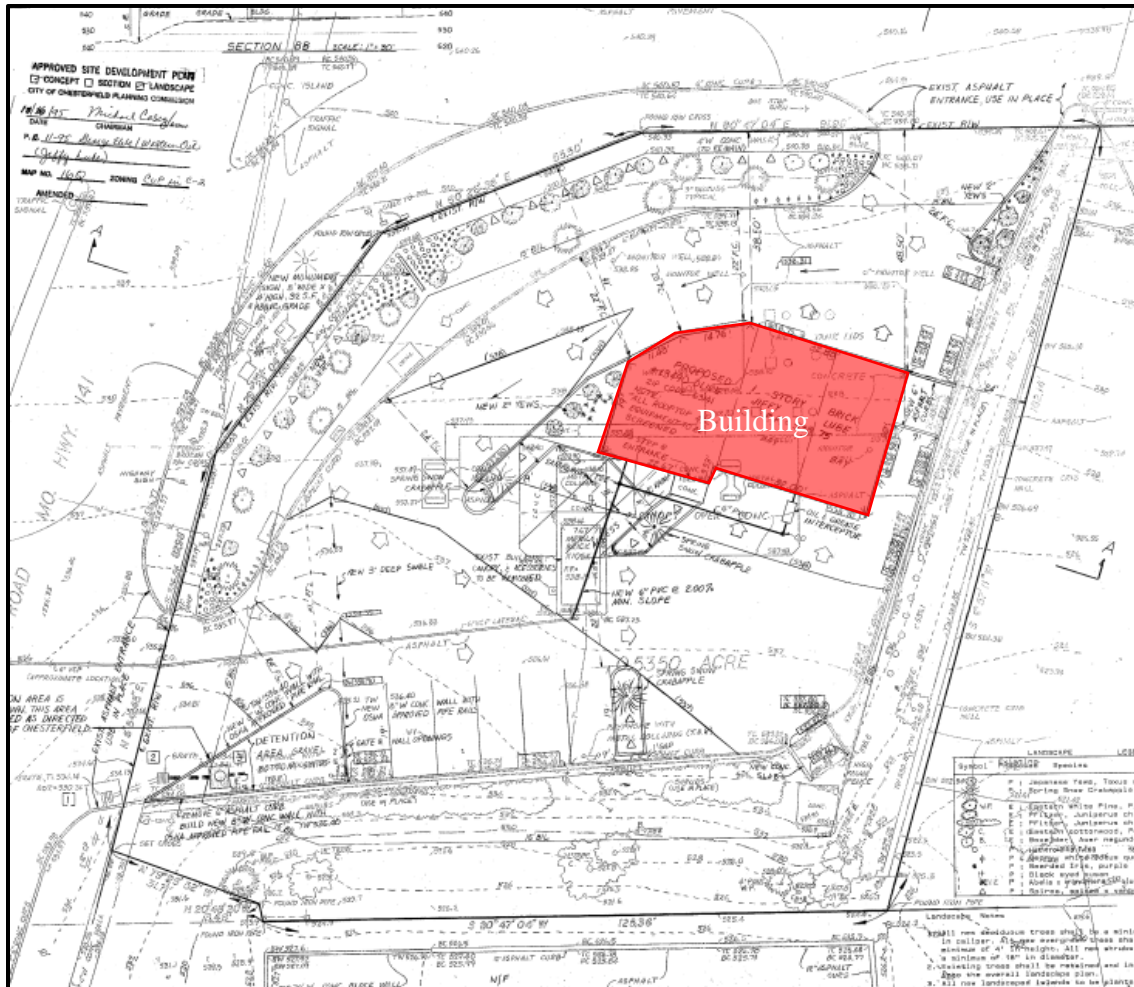


Figure 2: Previously approved Site Plan

### Materials and Color

All four (4) sides of the building façades are proposed to be wrapped in four (4) different colors. The upper brick portion will be painted Positive Red, followed by a cream-colored painted brick band. The dominant color on all sides will be painted Stonebriar, and the base brick will be finished in Sturdy Brown color. Additionally, new decorative accents are proposed near the overhead doors on the north elevation.



Figure 3: West and North Elevation



Figure 4: South and East Elevations

**Lighting**

The applicant is proposing new wall pack lights on the north and south elevations. The north elevation is proposed to have three (3) wall sconces mounted at a height of 8 feet. The south elevation will have an LED wall pack with a remote battery pack. The cylindrical sconce proposed on the north elevation is not fully shielded and will require Planning Commission approval.

| WSQ LED |                     |                   |              |         |                   |
|---------|---------------------|-------------------|--------------|---------|-------------------|
| Series  | Performance Package | Color Temperature | Distribution | Voltage | Mounting          |
| WSQLED  | F1                  | 30K               | 90° Spot R   | 120V    | Shipped In-cluded |
|         | F2                  | 48K               | 90° Spot R   | 120V    | Shipped In-cluded |
|         | F3                  | 50K               | 90° Spot R   | 120V    | Shipped In-cluded |
|         | F4                  | 50K               | 90° Spot R   | 120V    | Shipped In-cluded |

Figure 5: Proposed wall pack light fixture

**Rendering**



Figure 6: Existing view of building from Olive Blvd.



Figure 7: Proposed view of the building from Olive Blvd.

**DEPARTMENTAL INPUT**

Staff has completed its review and requests that the ARB provide its review and recommendation on the Amended Architectural Elevations for 13490 Olive Blvd.

The Conditional Use Permit specifies that *“architectural elevations for all building facades shall be reviewed by the Planning Commission in conjunction with the Site Development Plan.”* Therefore, following the ARB’s recommendation, the project will be presented to the Planning Commission for consideration.

**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 13490 Olive Blvd. (Take 5 Oil Change), as presented, with a recommendation for approval (or denial)."
- 2) "I move to forward the Amended Architectural Elevations for 13490 Olive Blvd. (Take 5 Oil Change) with a recommendation for approval with the following conditions..."

Attachments

1. Architectural Review Packet Submittal



November 4, 2025

Ms. Shilpi Bharti  
City Planner  
**City of Chesterfield**

**Re: Take 5 – 13490 Olive Blvd.  
TR,i Project #: 25-070  
ARCHITECT'S STATEMENT OF DESIGN**

To Whom it may concern,

As required by Chesterfield's Unified Development Code the following is our Architect's Statement of Design responding to the Architectural review design standards as they apply to our project.

**General requirements for site design:**

1. Site relationships: The proposed development involves the renovation of an existing quick lube oil change facility building for use as a new, similar quick lube oil change operation. The property is located at 13490 Olive Boulevard, at the southeast corner of Olive Boulevard and North Woods Mill Road. Vehicular access to the site currently exists from both Olive Boulevard and North Woods Mill Road, with each access limited to right-in/right-out movements due to existing medians that extend beyond the curb cuts. Pedestrian access is provided via public sidewalks located within or adjacent to the rights-of-way along both fronting streets. The trash service area is located at the southeast rear corner of the site—the point farthest from both public rights-of-way—and is fully screened within an existing fenced enclosure. The compact site accommodates eight parking spaces and features drive aisles that circulate around the building.
2. Circulation system and access: The site includes existing public sidewalks along the perimeter, as well as accessible routes from the designated handicap parking spaces to the building entrance. The building's use is limited to motor vehicle servicing, and as such, there are no pedestrian crosswalks connecting the public sidewalks directly to the building, since customers remain in their vehicles during service. The public sidewalk network does, however, provide connectivity to adjacent developments. Vehicular circulation is provided around the entire building, with access to both Olive Boulevard and North Woods Mill Road via right-in/right-out curb cuts. Landscaping is incorporated along both rights-of-way and around the site perimeter to buffer the use from neighboring properties and enhance the visual appearance of the development. There is no bicycle rack currently located on the site.

3. Topography: The development will utilize the existing topography and parking lot configuration. The parking area is generally flat, with grade transitions occurring within the landscaped buffer areas along the south and east property lines. The site slopes downward to the south, where it adjoins a lower adjacent property, and existing retaining walls along the east side of the lot maintain the grade differential, holding the building/parking lot above the neighboring site to the east.
4. Retaining walls: There are existing retaining walls along the east side of the site that elevate the parking lot above the adjacent development to the east. The wall heights are minimized through the use of a landscape buffer area sloped at approximately 3:1 from the top of the walls up to the edge of the parking lot. The retaining system consists of two wall types: the front portion nearest Olive Boulevard is constructed of tan modular block units, while the rear portion is composed of precast concrete horizontal panels with decorative rock infill. Both walls are existing and will remain as part of the site improvements.

**General requirements for building design:**

1. Scale: The existing building is situated within a developed commercial area, bordered by a retail building to the east, a two-story First Bank office to the south, and a drive-thru-only Starbucks across North Woods Mill Road to the west. The building's size, scale, and height are consistent with the surrounding developments, allowing it to blend seamlessly into the existing context. The architectural design incorporates wall offsets and lower exterior soffits at the main entry to create a pedestrian-scale experience. Windows are placed and proportioned at human scale, enhancing the approachability of the façade. The design also features projecting wall elements on the three primary elevations to break up the massing, while contrasting color variations are used to establish visual rhythm and interest across the building exterior.
2. Design: The building design and finishes are coordinated on all sides of the building. The building walls on the main three elevations includes multiple offsets in the exterior wall and material color changes to provide articulation of the building façade. The building façade includes multiple colors and material textures to provide interest. The materials primarily include painted masonry and aluminum storefront.
3. Materials and Colors: Earth tone finishes are used throughout the exterior design that are neutral and compatible with many other pallets. The materials include painted masonry, aluminum storefront, and clear glass.
4. Landscape design and screening: Landscaping is existing and is used along the street to create connectivity to adjacent sites. Within the site landscaping is used to screen the service areas and soften the building's base where it meets the site.
5. Signage: It is understood that signage is reviewed separately.
6. Lighting: All exterior lighting will be fully cut off and will adhere to Chesterfields UDC. Cut sheets of the new building mounted lighting are included for review, they complement the buildings style.
7. Existing Structures: The proposed renovation refreshes the existing building façade. New decorative wall sconce lighting have also been added to update the building's façade. This

Ms. Shilpi Bharti  
City of Chesterfield  
ARCHITECT'S STATEMENT OF DESIGN  
Page 3  
November 4, 2025

project does not include any additions to the building, only minor modifications to the existing structure.

I trust this information meets your needs. Please advise if you have any questions or comments.

Respectfully,

A handwritten signature in black ink, appearing to read "JP Kaiser". The signature is written in a cursive, flowing style with a large initial "J" and "P".

Jeffrey P. Kaiser  
Senior Project Manager



EXISTING



PROPOSED

PAINT COLORS



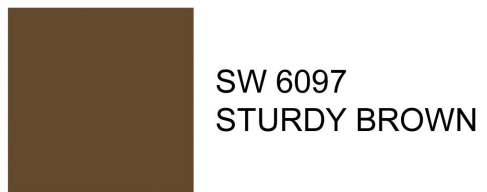
SW 6871  
POSITIVE RED



SW 7678  
COTTAGE CREAM

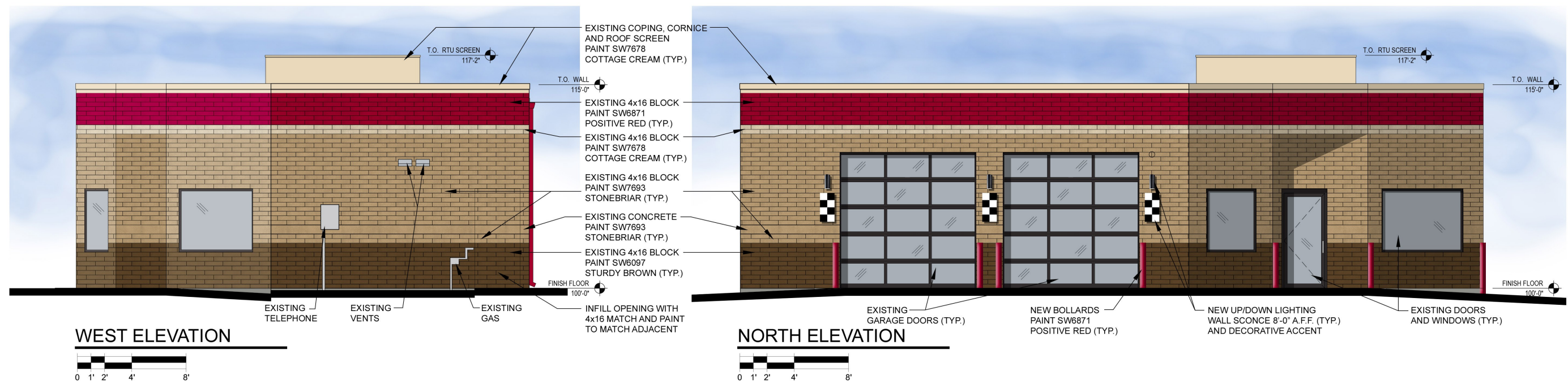


SW 7693  
STONEBRIAR



SW 6097  
STURDY BROWN

TAKE 5 OIL CHANGE  
13490 OLIVE BLVD.



**TAKE 5 OIL CHANGE  
13490 OLIVE BLVD.**

Cylinder Outdoor Wall Light 2-Light

11310BKTLED

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SPECIFICATIONS

| Certifications/Qualifications                                  |     |
|--|-----|
| ADA Compliant  | No  |
| Prop65   | No  |
| Dark Sky Compliant   | No  |
| Location Rating  | Wet |
| <a href="http://kichler.com/warranty">kichler.com/warranty</a> |     |

| Dimensions                                      |           |
|---|-----------|
| Height  | 12.25"    |
| Width   | 5"        |
| Height From Center Of Wall Opening (Spec Sheet) | 6.21"     |
| Depth   | 6.5"      |
| Weight  | 2.625 LBS |
| Canopy Height                                   | 5"        |
| Canopy Width                                    | 5"        |
| Canopy Depth                                    | 2.25"     |

| Electrical    |       |
|---------------|-------|
| Input Voltage | 120 V |

| Light Source           |                |
|------------------------|----------------|
| Light Source           | Integrated LED |
| Lamp Included          | Integrated     |
| # Of Bulbs/LED Modules | 2              |
| Max Or Nominal Watt    | 20 W           |
| Max Wattage/Range      | 20             |
| Dimmable               | Yes            |


| Photometrics                     |        |
|----------------------------------|--------|
| Color Rendering Index            | 90     |
| Color Temperature Range          | 3000 K |
| Delivered Lumens                 | 925    |
| Delivered Efficacy (Lumens/Watt) | 51     |

| Mounting/Installation    |                  |
|--------------------------|------------------|
| Interior/Exterior        | Exterior Product |
| Mounting Style           | WALL MOUNT       |
| Mounting Weight          | 2.63 LBS         |
| Install Glass Up Or Down | Both             |
| Modular                  | Yes              |
| Lead Wire Length         | 6                |

FIXTURE ATTRIBUTES

| Housing/Glass    |      |
|------------------|------|
| Primary Material | EPMM |

| Product/Ordering Information |                |
|------------------------------|----------------|
| Sku                          | 11310BKTLED    |
| Finish                       | Textured Black |
| UPC                          | 783927545297   |

| Finishes   |                |
|--|----------------|
|  | Textured Black |



ALSO IN THIS FAMILY



WSQ LED Architectural Wall Sconce



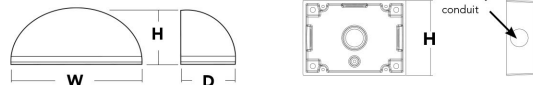
Inverted available with WLU option only.

Specifications Luminaire

|         |                  |
|---------|------------------|
| Height: | 9-3/8" (23.8 cm) |
| Width:  | 18" (45.7 cm)    |
| Depth:  | 9" (22.8 cm)     |
| Weight: | 17 lbs (7.7 kg)  |

Optional Back Box (BBW)

|         |                  |
|---------|------------------|
| Height: | 4" (10.2 cm)     |
| Width:  | 5-1/2" (14.0 cm) |
| Depth:  | 1-1/2" (3.8 cm)  |



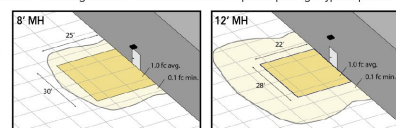
Ordering Information

EXAMPLE: WSQ LED P2 40K SR3 MVOLT DBBXTD

| Series | Performance Package | Color Temperature | Distribution | Voltage            | Mounting                        | Options   | Finish (required)                |
|--------|---------------------|-------------------|--------------|--------------------|---------------------------------|---|----------------------------------|
| WSQLED | P1                  | 30K               | SR2 Type II  | MVOLT <sup>1</sup> | Shipped included (blank)        | Shipped installed   | DOBXD Dark bronze                |
|        | P2                  | 40K               | SR3 Type III | 120                | Surface mount                   | PE Photoelectric cell, button type <sup>2,3</sup>   | DBLXD Black                      |
|        | P3                  | 50K               | SR4 Type IV  | 208                | Shipped separately <sup>3</sup> | SF Single fuse (120, 277, 347V) <sup>4</sup>  | DNAXD Natural aluminum           |
|        | P4                  |                   |              | 240                | BBW Surface-mounted back box    | DF Double fuse (208, 240, 480V) <sup>4</sup>  | DWHXD White                      |
|        |                     |                   |              | 277                |                                 | DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) | DSSXD Sandstone                  |
|        |                     |                   |              | 347                |                                 | E20WC Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C) <sup>5</sup>             | DOBXTD Textured dark bronze      |
|        |                     |                   |              | 480                |                                 | E10WH Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C) <sup>5</sup>               | DBLXTD Textured black            |
|        |                     |                   |              |                    |                                 | WLU Wet location door for up orientation <sup>6</sup>   | DNATXD Textured natural aluminum |
|        |                     |                   |              |                    |                                 | PIR Motion/ambient light sensor <sup>7</sup>  | DWHGXD Textured white            |
|        |                     |                   |              |                    |                                 | DS Dual switching <sup>8</sup>  | DSSTXD Textured sandstone        |
|        |                     |                   |              |                    |                                 | SPD Separate Surge Protection <sup>9</sup>  |                                  |
|        |                     |                   |              |                    |                                 | Shipped separately  |                                  |
|        |                     |                   |              |                    |                                 | VG Vandal guard   |                                  |
|        |                     |                   |              |                    |                                 | WG Wire guard   |                                  |

Emergency Battery Operation

The emergency battery backup (E20WC & E10WH options) is integral to the luminaire - no external housing required. This design provides reliable emergency operation while maintaining the aesthetics of the product. All E20WC & E10WH configurations include an independent secondary driver with an integral relay to immediately detect AC power loss. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time supply power is lost, per International Building Code Section 1006 and NFPA 101 Life Safety Code Section 7.9, provided luminaires are mounted at an appropriate height and illuminate an open space with no major obstructions. The examples below show illuminance of 1 fc average and 0.1 fc minimum of the P1 performance Type IV product in emergency mode.



- NOTES
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
  - Not available with 480V option.
  - PE option is voltage specific.
  - Single fuse (SF) requires 120V, 277V or 347V options. Double fuse (DF) requires 208V, 240V or 480V options.
  - Not available with 347V or 480V. Not available with WLU.
  - WLU not available with PIR, E20WC or E10WH.
  - When ordering PIR, "PIE" will be automatically added to the order line for "dim to off" capability. See PIR Table for default settings.
  - Only available with P3 & P4 packages. Provides 50/50 luminaire operation via two independent drivers and light engines on two separate circuits. Not available with E20WC, E10WH, WLU, SF, or DF. When ordered with photocell (PE) or motion sensor (PIR), only the primary power source leads will be controlled.
  - See electrical section on page 2 for more details.



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WSQ-LED Rev. 11/21/22



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WSQ-LED Rev. 11/21/22

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts.

| Performance Package | System Watts (MVOLT) | Dist. Type | 30K (3000K, 70CRI) |     | 40K (4000K, 70CRI) |     | 50K (5000K, 70CRI) |     |
|---------------------|----------------------|------------|--------------------|-----|--------------------|-----|--------------------|-----|
|                     |                      |            | Lumens             | LPW | Lumens             | LPW | Lumens             | LPW |
| P1                  | 20W                  | SR2        | 2,111              | 108 | 2,251              | 115 | 2,305              | 118 |
|                     |                      | SR3        | 2,104              | 108 | 2,244              | 115 | 2,298              | 117 |
|                     |                      | SR4        | 2,053              | 105 | 2,189              | 112 | 2,242              | 115 |
| P2                  | 29W                  | SR2        | 2,943              | 101 | 3,139              | 108 | 3,214              | 110 |
|                     |                      | SR3        | 2,934              | 101 | 3,129              | 107 | 3,204              | 110 |
|                     |                      | SR4        | 2,863              | 98  | 3,053              | 105 | 3,126              | 107 |
| P3                  | 40W                  | SR2        | 4,500              | 114 | 4,799              | 122 | 4,913              | 125 |
|                     |                      | SR3        | 4,486              | 114 | 4,784              | 122 | 4,888              | 125 |
|                     |                      | SR4        | 4,377              | 111 | 4,667              | 119 | 4,779              | 122 |
| P4                  | 61W                  | SR2        | 6,159              | 102 | 6,567              | 108 | 6,724              | 111 |
|                     |                      | SR3        | 6,139              | 101 | 6,547              | 108 | 6,703              | 110 |
|                     |                      | SR4        | 5,991              | 99  | 6,388              | 105 | 6,541              | 108 |

Motion/Ambient Sensor Default Settings

| Dimmed State    | High Level (when triggered) | Photocell Operation | Ramp-up Time  | Dwell Time | Ramp-down Time |       |
|-----------------|-----------------------------|---------------------|---------------|------------|----------------|-------|
| *PIR            | 3V (37%) Output             | 10V (100%) Output   | Enabled @ SFC | 3 sec      | 5 min          | 5 min |
| *PIR USES SF007 |                             |                     |               |            |                |       |

Lumen Ambient Temperature (LAT) Multipliers

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

| Ambient | Normalized Lumen Multiplier |
|---------|-----------------------------|
| 0°C     | 1.05                        |
| 10°C    | 1.03                        |
| 20°C    | 1.01                        |
| 25°C    | 1.00                        |
| 30°C    | 0.99                        |
| 40°C    | 0.97                        |

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the MRW LED P4 platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

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

| Operating Hours          | 0 | 25000 | 50000 | 100000 | L90    |
|--------------------------|---|-------|-------|--------|--------|
| Lumen Maintenance Factor | 1 | 0.96  | 0.95  | 0.92   | >60000 |

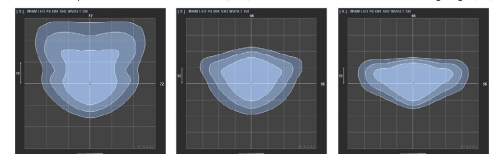
Electrical Load

| Power Package | System Watts | Current (A) |      |      |      |      |      |
|---------------|--------------|-------------|------|------|------|------|------|
|               |              | 120V        | 208V | 240V | 277V | 347V | 480V |
| P1            | 20W          | 0.17        | 0.10 | 0.09 | 0.08 | 0.06 | 0.05 |
| P2            | 29W          | 0.26        | 0.15 | 0.13 | 0.12 | 0.09 | 0.07 |
| P3            | 40W          | 0.37        | 0.21 | 0.18 | 0.16 | 0.13 | 0.09 |
| P4            | 61W          | 0.59        | 0.33 | 0.28 | 0.25 | 0.19 | 0.14 |

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's WSQ LED homepage.

Isocandela plots for the WSQ LED P4 40K SR2, SR3, and SR4. Distances are in units of mounting height (12').



FEATURES & SPECIFICATIONS

INTENDED USE

The classic architectural shape of the WSQ LED was designed for applications such as hospitals, schools, malls, restaurants, and commercial buildings. The long life LEDs and driver make this luminaire nearly maintenance-free.

CONSTRUCTION

The die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

FINISH

Exterior parts are protected by a zinc-infered Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mil thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Precision-molded acrylic lenses are engineered for superior distribution, uniformity, and spacing in wall-mount applications. Light engines are 4000K (70 CRI). The WSQ LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine(s) consist of 8 high-efficiency LEDs mounted to a metal core circuit board and integral aluminum heat sinks to maximize heat dissipation and promote long life (100,000 hrs at 25°C, L77). Class 2 electronic driver has a power factor >90%, THD <20%, and a minimum 6 kV surge protection. When ordering the SPD option, a separate surge protection device is installed within the luminaire which meets a minimum Category C low regulation (per ANSI/IEEE C62.41.2).

INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections.

LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated; luminaire is IP65 rated and suitable for wet locations when mounted with the lenses down. WLU option offers wet location listing in "up" orientation. Rated for -30°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

BUY AMERICAN ACT

This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to [www.acuitybrands.com/resources/buy-american](http://www.acuitybrands.com/resources/buy-american) for additional information.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx).

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

Kichler.com



UP/DOWN LIGHTING WALL SCONCE

LED WALL PACK W/ REMOTE BATTERY PACK

TAKE 5 OIL CHANGE  
13490 OLIVE BLVD.

ARCHITECTS  
1790 S. Brentwood Blvd.  
St. Louis, Missouri 63144  
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