

AGENDA
Glen Ellyn Architectural Appearance Commission
Wednesday, December 14, 7:00 p.m.
Glen Ellyn Civic Center
Galligan Board Room
535 Duane Street



1. **Call to Order.**
2. **Approval of Draft Minutes.**
 - November 9, 2022 Architectural Appearance Commission Meeting Minutes
3. **Public Comment (non-agenda items).**
4. **Exterior Appearance Reviews.**
 - **375 Roosevelt Road & 401 Taft Avenue:** Exterior Appearance Review for Jet Brite Car Wash.
5. **Trustee's Report.**
6. **Chairman's Report.**
7. **Staff Report.**
8. **Other Business and Adjourn.**

Dear Petitioner(s) and Interested Citizens:

Once an Exterior Appearance request has been reviewed by the Architectural Appearance Commission, the commission may make a recommendation and minutes of the meeting are prepared. Then, the petition, along with the summary report and all pertinent material, is scheduled for consideration by the Village Board. The Village Board meets on the second and fourth Mondays of each month at 7:00 p.m. in a meeting room on the third floor of the Civic Center, 535 Duane Street. Questions regarding petitions scheduled for review by the Village Board should be directed to the Community Development Department at (630) 547-5250.

Individuals with disabilities who plan to attend the hearing and who require certain accommodations in order to allow them to observe and participate, or who have questions regarding the accessibility of the meeting or facilities, are requested to contact the Village at least 24 hours before the meeting.

cc: Architectural Appearance Commission
Anne Gould, Trustee Liaison
Atrian Fard, Staff Liaison
Barbara Dutton-Thomas, Recording Secretary

Martin Scott, Community Development Director
Taylor Gendel, Associate Planner
Brad Iwicki, Planning Intern

Mark Franz, Village Manager
Emily Rodman, Assistant Village
Manager
Meredith Hannah, Economic

Development Coordinator
Lori Gloude, Executive Assistant
Brian Baltudis, Facilities Manager



Glen Ellyn
535 Duane Street
Glen Ellyn, IL 60137

Meeting 12/14/2022 7:00 PM
Department: Community Development
Department Head: Marty Scott
Category: Minutes
Prepared By: Atrin Fard

**AGENDA ITEM (ID
2022-2992)**

DOC ID: 2022-2992

Approval of Draft Minutes from November 9, 2022 Architectural Appearance Commission Meeting

Statement of the Issue:

Please review attached meeting minutes.

Analysis:

Please review attached meeting minutes.

Budget Impact:

N/A

Contribution to Strategic Plan (if applicable)

Action Requested:

Please review attached meeting minutes.

Attachments:

1. 11-9-22 AAC Meeting Minutes-DRAFT

DRAFT MINUTES
ARCHITECTURAL APPEARANCE COMMISSION MEETING
November 9, 2022

Call to Order and Roll Call

Commissioner Salwasser was appointed Acting Chair following a motion by Commissioner Mees that was seconded by Commissioner Goronov and passed by voice vote. The Acting Chairperson called the meeting to order at 7:05, and roll was called. In addition to Acting Chairperson Salwasser, Commissioners Albrecht, Goronov, Mees, Rahn and Smith were present. Chairperson Jacobson was absent. The Acting Chairperson gave a background on the Commission's role and function, and described the meeting order, including public input procedures, saying that all comments would be recorded. She introduced the following Village personnel: Sr. Planner Atrian Fard, Planning Intern Brad Iwicki and Recording Secretary Barbara Dutton-Thomas.

Approval of Meeting Minutes

A motion to accept the minutes of October 12, 2022 was made by Commissioner Albrecht and seconded by Commissioner Smith. The motion passed by voice vote.

Exterior Appearance Review: 411 N. Main St.

Staff Presentation

Sworn in, Bradley Iwicki, Planning Intern, 535 Duane St., Glen Ellyn, related that the Petitioner, Brick and Mortar, represented by Adam Clabaugh, is requesting approval of the Exterior Appearance Review to accommodate the exterior façade remodel of the existing building at 411 N. Main Street. Brick and Mortar, a shared co-working office space, will be occupying the building, he stated. The subject property is on the east side of Main Street, between Duane Street and Hillside Avenue, in the C5A Central Retail Core Sub-district, he continued. The subject site is improved with a two-story building built in 1927 with two one-bedroom apartments on the second story and a former restaurant on the ground floor, stated Mr. Iwicki. The building's current Tudor style façade features natural brick, timber, and stone of the colors red, buff and cream, and matches the architecture of the adjacent buildings in style, texture and color, he noted. On October 12, 2022, the Architectural Appearance Commission (AAC) reviewed the existing conditions and proposed exterior improvements to the building, said the Intern. Commissioners expressed concern with the design and style of the façade, particularly the wood-texture Hardie board material replacing the faux brick, and the black and gray color scheme, he related. The Petitioner was encouraged to include brick on the front façade and utilize warmer tones of gray and brown to fit with the character of adjacent buildings, said Mr. Iwicki, who added that the Commission stressed the importance of preserving major architectural features such as the board-and-batten pattern, box window, the symmetry of the entryway, and brick on the rear courtyard elevations. The Commission motioned to defer making a recommendation in order for the Petitioner to propose a revised concept, said Intern Iwicki, who added that the AAC requested to see the interior first-floor plan for tonight's meeting.

The Petitioner submitted new renderings proposing the remodel of the building's west, south and east elevations, reported Mr. Iwicki. The revisions, he stated, show the exterior design, materials, color and interior floor plan: The Petitioner proposes to replace the ground floor façade with Lorraine White brick veneer; also proposed are two design options for the second-floor façade: Option 1 features Hardie planks in light gray paired with darker gray board and batten, and Option 2 presents dark boards with Horizon Gray Hardie planks. Both options will include Onyx trims with dark bronze aluminum windows. The front façade of the building, continued Intern Iwicki, will feature recessed LED can light fixtures with adjustable white color temperature. There has been no change in style or location of the lighting fixtures with this proposal, he stated. The courtyard brick, he said, will be painted in light gray while preserving brick's texture, while rear cinder block will be covered with cement coating. All surfaces of the courtyard will be painted to match the front façade in color. The existing openings on the south and east courtyard elevations will be improved with new picture windows and doors matching the building's frontage, explained Mr. Iwicki. The interior of the building will be renovated as part of the project to prepare the space for the new co-working office, said Mr. Iwicki, who noted that the new proposal shows the mailboxes on one side of the storefront vestibule. The Petitioner, he added, stated that the symmetry of the entryway cannot be maintained and provided the building's first-floor plan at the Commission's request. A building permit for the interior changes has been applied for by the Petitioner, reported the Intern, who proceeded to outline AAC action requested.

Commissioner Questions

Commissioner Goronov wondered whether the existing roof is to be replaced with shingles. The Petitioner replied that the slate will remain.

Petitioner Presentation

Adam Clabaugh, 616 S. Delphia, Park Ridge, who was sworn in along with his partner in Brick and Mortar, Andrew Nast, 11 N. Northwest Highway, Park Ridge, explained that, responding to feedback, the faux brick is to be removed from the front's second level but kept on the first. The budget prohibits wrapping rear cinder block in brick, he said, so it will be painted with a slush coat and painted for uniformity. He said some of the Tudor detail will be added to the front, and pointed to modifications envisioned as a compromise. Commissioner Salwasser asked if the Petitioners had a preference as to the two design options they presented. Mr. Clabaugh said the designer prefers Option 1, though indicated that the Petitioners would defer to Commission preference. A query by Commissioner Mees as to whether brick was added at the base was met with an affirmative reply. Commissioner Albrecht asked the cost difference between Hardee and stucco. Mr. Clabaugh replied that he doesn't have an answer. Commissioner Albrecht said she loves the improvements on the lower portion, though misses the herringbone brick. Commissioner Rahn asked about the signage. Mr. Clabaugh said it will be painted on and lit with recessed can lights.

Deliberations

Stating a preference for Option 2, Commissioner Goronov suggested sticking with the original pattern (i.e., "straight up-and-down lines) of the gable end of the cantilever – an approach he thought would be a better fit without adding cost. Commissioner Mees said, sans the gable detail, she would rather have the original detail pattern from beneath the window box repeated under the

secondary window. The AAC consensus was that Option 2 is preferred, the darker trim favored. Commissioner Albrecht reiterated her hope for incorporating the herringbone pattern. After Mr. Clabaugh said the Petitioners are open to presenting the vertical lines and repeating the detail, Commissioner Rahn moved that the Architectural Appearance Commission recommend approval of Option 2 for 411 N. Main, based on the following conditions:

- The slate roof remains;
- Vertical detail on the gable is included; and
- The window detail is maintained.

Seconded by Commissioner Smith, the motion passed unanimously by roll call vote, with all Commissioners present voting, "YES."

Exterior Appearance Review: 552 Crescent Blvd.

Staff Presentation

Sworn in, Atrian Fard, Senior Planner, 535 Duane, stated that the Petitioner, Paula Basile, president of Tutto Bene Ristorante Pizzeria, an Italian restaurant that has been operating in this location since 2019. The subject property is an approximately 2,428SF lot on the northwest corner of Crescent Blvd. and Forest Ave, and the building is approximately 730SF, she said, adding that the subject property is in the C5A Central Retail Core Subdistrict. The Petitioner is requesting exterior appearance approval for the addition of a permanent canopy on the front patio of the restaurant and the removal of two pergola structures, explained Ms. Fard.

The proposed canopy will be attached to the front building façade and will be secured by four black 4-in. columns welded into the ground, 11ft. 4 in. apart, she explained. The canopy will cover the length of the front façade (34 ft.) and will project 14 ft. over the front patio, leaving 19.4 ft. remaining to the front lot line. The height of the canopy will be 8 ft. 6 in. to the bottom of the shade and 3 more feet to the top of the shade. The Petitioner, related Sr. Planner Fard, has provided photos of the canopy at nearby restaurant Two Hound Red, which the contractor also installed, as an example of what their finished product would look like (but in a different color). Sr. Planner Fard gave instructions to the AAC in considering the Petitioner's request.

Commissioner Questions

Commissioner Goronov asked to know the required setback in the zone. Sr. Planner Fard replied that there is none for commercial properties unless they are adjacent to a residential property.

Petitioner's Presentation

Sworn in, Paula Basile, 552 Crescent Blvd., Glen Ellyn, stated that the canopy would be for seasonal use only, as the restaurant is open from Mid-March to the end of December, reporting that summer is busier. She explained that with no cover, patrons leave if there's rain or drizzle, since the indoor is small. She confirmed to Commissioner Rahn that currently there are four pergolas at the location, saying two would be removed to accommodate the canopy envisioned.

Commissioner Albrecht said she has a problem with a structure that isn't permanent in that it is susceptible to strong winds. The Petitioner insisted that the metal structure can sustain the winds, saying that with the site configuration creating a cove, she has had no damage all year from any

kind of storm. Commissioner Albrecht asked if the Petitioner plans to leave the umbrellas up. The Petitioner replied probably just a couple where the site is sunnier, but not underneath the canopy. Commissioner Albrecht asked if a larger pergola (i.e., more permanent and architecturally detailed than an awning) wouldn't work. Ms. Basile replied that it wouldn't be effective against the beating sun and the rain, as well as suggested that the cost would be prohibitive. Acting Chairperson Salwasser asked if parts of the envisioned structure would be taken down in the winter, to which the Petitioner replied it wouldn't. Commissioner Goronov asked the color specified. The Petitioner responded that it is black, which, she said, would go well with the tan and black building.

Commissioner Comments

After Commissioner Goronov expressed concern that the existing roof line is not suitable for that canopy, in that a potential gap would allow water through. The Petitioner stated there won't be a gap. Discussion of the configuration ensued, with Ms. Basile's assurance that the constructor would fill space to prevent a gap. Commissioner Albrecht said the proposed seems like a nice solution, but wants to make sure it's "going to improve what's happening there," and requested detail (i.e. a drawing) illustrating how the canopy would be attached. Commissioner Mees asked when the canopy is to be constructed. Ms. Basile said it hasn't yet been decided, but suggested this would be determined once it is approved.

Commissioner Salwasser made a motion for the Architectural Appearance Commission to approve the awning, with the caveat that:

- It meets all of the building codes;
- The drawings are approved as we go along;
- It passes final inspection;
- It doesn't leak on the people;
- It fits as described: and
- Portions are reworked that need to be, and are inspected.

Seconded by Commissioner Smith, the motion carried by roll call vote with Commissioners Salwasser, Smith, Mees and Rahn voting, "YES," and Commissioners Albrecht and Goronov voting, "NO."

Exterior Appearance Review: 504 Crescent Blvd.

Staff Presentation

Sworn in, Atrian Fard, Senior Planner, 535 Duane, related that the Petitioner, Sylvia Xim'enez, representing Five-0-Four Kitchen, is requesting approval of the exterior appearance review to accommodate the renovation of the existing building at 504 Crescent Blvd. The subject property, said Ms. Fard, is located on the north side of Crescent Blvd. between Main St. and Glenwood Ave. in the C5A Central Business District. The existing building was constructed in 1918, and is improved with a one-story building, she continued. The Petitioner, stated Sr. Planner Fard, plans to renovate the southern, or front, elevation, and the western and northern elevations, as well.

On October 12, 2022, the AAC reviewed the existing conditions and proposed exterior improvements to the building, and discussed modifications to the front building façade and different scenarios of keeping the brick or replacing it with cultured stone and keeping or removing the awning. Further discussions ensued on less-abrasive methods to remove paint from brick, the idea of murals on the western elevation, the type of proposed lighting, and signage. As the proposal lacked a clear illustration of building façades, including the depiction of colors, materials and signage, the overall consensus was to defer the AAC's recommendation to a later meeting when colored renderings of different elevations are provided to the Commission. Accordingly, reported Ms. Fard, the Petitioner provided new color renderings. The proposal calls for maintaining the existing brick and wood siding, currently painted in blue, and clean, prime, and re-paint them with a cream-toned color. Further modifications, she said, include replacing storefront windows with bi-fold glass doors and windows, to the right and left of the entrance, respectively. All windows and doors will feature dark bronze aluminum framing, she added.

The Petitioner, continued the Sr. Planner, intends to replace the existing black awning with a new one, and add signage to the awning's cloth canopy and valance. Compliance with the sign regulations will be confirmed by Staff, she stated. The proposal also calls for renovating the entrance vestibule with a full-height glass door with a kick-plate, and replacing its windows in size, explained Ms. Fard. The interior of the building is to be renovated as part of the project, she continued, reporting that the Petitioner has applied for a building permit. The Petitioner intends to replace the existing historic lantern sconces with contemporary rectangular mercury glass sconces, said Sr. Planner Fard, who noted that these would have a dark bronze finish that would complement the architecture and function of the principal building. The proposed fixtures comply with the shielding requirements in the Zoning Code, she stated.

The brick on the western and northern elevations is currently painted cream, continued Sr. Planner Fard, who related that the Petitioner intends to grind and clean the paint to restore the underlying natural yellow/orange tone and tuck-point bricks as needed. Broken bricks will be replaced, and the surface will be UV varnished for further protection, she added. Staff recommends removing the paint from the brick in a manner not to damage the surface, said Ms. Fard, who noted that one suitable solution would be using chemical-based solvents with a combination of water, neutral detergent, and bristle brush without causing significant damage to the underlying brick. The rooftop equipment is currently screened by a 2- to 3-ft.-high parapet wall on three sides of the building, continued the Sr. Planner. The screen is made of light beige/gray Rolex Aluminum panels with flashing caps, she added. As part of the renovation project, stated Ms. Fard, the Petitioner intends to replace parts of the screen wall which are currently in disrepair, including metal studs and pressure-treated blocking, while maintaining the existing metal paneling. No changes to the color and materials are proposed, she said, noting that the screen will match the building. Sr. Planner Fard outlined AAC action for the case.

Petitioner Presentation

Sworn in, Sylvia Xim'enez, 504 Crescent Blvd., Glen Ellyn, said she believes that the Petitioner has covered every area of AAC review. Asking, "Why reinvent the wheel?" she related, it deciding on a "clean" approach. In response to a query from Acting Chairperson Salwasser, the Petitioner said the logo would be centered on the awning.

Commissioner Comments

Commissioner Albrecht said the use of natural brick makes for a “nice combination.” The Petitioner said the brick on the front is not in the best shape. Commissioner Mees suggested painting the wood panel under the smaller window the trim color, or black, to make the windows appear symmetrical. Acting Chairperson Salwasser advocated for continuing the black color into the vestibule, while Commissioner Goronov favored keeping the color light and adding a panel to create a continuous theme. Acting Chairperson Salwasser asked the Petitioner if suggested treatments are a financial hardship. Ms. Xim’enez said she didn’t believe so. Commissioner Rahn said he still favors painting the alley-side. The Petitioner said she loves the natural brick character and promised to replace unsafe or damaged brick. Commissioner Mees moved for the following:

After conducting a public meeting and deliberating on the request of the petitioner, Sylvia Xim’enez, representing Kaelka LLC., dba Five-0-Four Kitchen, for approval of an exterior appearance review for 504 Crescent Boulevard in the C5A Central Business District, the Architectural Appearance Commission hereby recommends approval based on the findings of fact, as discussed or amended at the Architectural Appearance Commission public meeting on November 9, 2022, which are hereby incorporated into the Motion by reference as though fully set forth herein, and a copy of which will be attached to the minutes of this meeting and kept on file as part of the permanent records of the Village. The Architectural Appearance Commission makes this recommendation of approval with the following conditions:

- That the project is constructed in substantial conformance with the plans as presented and the testimony presented at the November 9, 2022, Architectural Appearance Commission meeting.
- A building permit shall be required for the exterior alterations.
- The panels below the windows on the south and vestibule elevations shall be painted black or the same dark color as the window trim, and to add a panel next to the doorway that would mimic the panels that are below the windows.

Seconded by Commissioner Rahn, the motion passed unanimously by roll call vote, with all Commissioners present voting, “YES.”

Staff Report

Ms. Fard said the next meeting is to feature an exterior appearance review for Jet Brite Car Wash.

Trustee’s Report

On behalf of Trustee Anne Gould, Sr. Planner Fard said a medical spa on Duane, a liquor license for Park & Oak, new lighting on Taft, a church in the Main Street Recreation Center, and a garage addition on Lorraine were approved. Also, the Board has held budget meetings/workshops.

Adjournment

Adjournment was at 8:32 p.m. by voice vote on a motion by Mr. Goronov, seconded by Ms. Albrecht.

Respectfully submitted,

Barbara Dutton-Thomas, Recording Secretary



Glen Ellyn
535 Duane Street
Glen Ellyn, IL 60137

Meeting 12/14/2022 7:00 PM
Department: Community Development
Department Head: Marty Scott
Category: Discussion Item
Prepared By: Atrin Fard

AGENDA ITEM
(ID # 2022-2993)

DOC ID: 2022-2993

375 Roosevelt Road & 401 Taft Avenue: Exterior Appearance Review for Jet Brite Car Wash.

Statement of the Issue:

Please see attached staff report.

Analysis:

Please see attached staff report.

Budget Impact:

N/A

Contribution to Strategic Plan (if applicable)

Action Requested:

Please see attached staff report.

Attachments:

1. AAC Staff Report - JB
2. 1. Application for Exterior Appearance
3. 2. Aerial Map
4. 3. Narrative Statement
5. 4. Final Planned Unit Development Plan
6. 5. Exterior Elevations and Materials
7. 6. Color Building Elevations
8. 7. 3D Renderings
9. 8. Exterior Material Samples
10. 9. Floor Plan
11. 10. Landscape Plan
12. 11. Tree Survey Plan
13. 12. Photometric Plan
14. 13. Light Fixture Cut-sheets
15. 14. Signage Plans
16. 15. Draft Motion to Approve

STAFF REPORT

TO: Glen Ellyn Architectural Appearance Commission

FROM: Atrian Fard, Senior Planner

FOR: December 14, 2022 Public Meeting

SUBJECT: 375 Roosevelt Road and 401 Taft Avenue – Jet Brite Car Wash – Exterior Appearance Approval

PETITIONER: The petitioner is JB Development, Inc. on behalf of MIKI Properties, LLC – Roselle, an Illinois limited liability company, represented by Dave Dalesandro, Sam Youssef, and Professional Engineer Lauren Kucinski from Veenstra & Kimm Inc.

BACKGROUND: The petitioner is requesting exterior appearance approval in accordance with the Glen Ellyn Appearance Review Guidelines, Ordinance 5508, to accommodate the redevelopment and operation of a new car wash at 375 Roosevelt Road and an accessory parking lot equipped with vacuum stalls at 401 Taft Avenue – Lots 4 (approximately 0.88 acres) and 5 (approximately 0.84 acres) of the 375-395 Roosevelt Road Subdivision.

The subject property is comprised of two lots for a total area of 75,111 square feet and is part of the 5-lot commercial development at 375-395 Roosevelt Road. The subject site is located between Lambert Road and Main Street along Roosevelt Road and Taft Avenue. The northern parcel at 375 Roosevelt Road is in the C3 Service Commercial District, and the southern parcel at 401 Taft Avenue is in the C4 Office District. The surrounding zoning and land uses are as follows:

<u>Surrounding Land Uses</u>	<u>Surrounding Zoning Districts</u>
North: Commercial (Taco Bell)	C3 Service Commercial
South: Village Links Golf Course	CR Conservation Recreation
East: Commercial (Buona Restaurant Commercial (Sign Identity)	C3 Service Commercial and C4 Office
West: Commercial (Mattress Firm) Village Links Golf Course	C3 Service Commercial and CR Conservation Recreation



REVIEW PROCESS:

In order to proceed with the project, the petitioner will need to receive approval of a Zoning Code Text Amendment, a Preliminary Planned Unit Development Amendment with deviations from the Zoning Code, a Final PUD for Lots 4 and 5, a Special Use Permit for Lot 4 to allow a car wash, a Special Use Permit for Lot 5 to allow automobile services, variations from the Sign Code, and Exterior Appearance. The Plan Commission has considered all requests except the Exterior Appearance at their December 8, 2022, public hearing and unanimously made a recommendation for approval with the following conditions:

1. That the petitioner construct, maintain, and operate the development in substantial conformance with the plans and testimony presented at the Plan Commission public hearing and before the Village Board of Trustees.
2. That Village Board approves an ordinance extending the expiration date of Ordinance No. 6546 and 6771 to November 13, 2023.
3. That no work on the project should commence until an IDOT right-of-way permit has been issued for the project.
4. That a stormwater management information and Stormwater Certification Application shall be submitted with permit plans for the project.

STRATEGIC PLAN:

The 2020-2022 Strategic Plan identifies the beautification of the Roosevelt Road commercial corridor as one of the most significant Village challenges and priorities. The plan encourages responsible redevelopment and beautification of commercial properties to improve the quality of life and

drive new business investment. The proposed Jet Brite redevelopment would be in keeping with the goals of the Strategic Plan.

PROJECT SUMMARY:

The subject property was previously owned by LM Commercial Development and is recently purchased by MIKI Properties, LLC that operates Jet Brite Car Wash facilities throughout Illinois. The proposed car wash facility and associated vacuum stalls would operate from 7:00 AM to 9:00 PM seven days a week. The facility would be staffed at any given time with 2 to 3 employees. At maximum capacity, the facility would serve up to 5 cars. It is estimated that the car wash and pay stations could service 140 cars per hour. More information on the project is below.

Building. The petitioner is proposing to demolish the existing Leslie Car Wash on Lot 4, which Budget Truck Rental currently leases, to construct a new 5,262 square foot (35.7' by 150.7') 1-story car wash establishment with vacuum stations, automated pay stations, and designated stacking lanes. No principal building is proposed on Lot 5. The car wash building will be primarily constructed with a Vintage Gold colored utility brick with horizontal and vertical bands of Red Cedar concrete masonry units (CMU). The roof of the building will be a mix of arch-shaped (on the north end of the building) and flat, prefinished standing seam metal roof with metal cornices and copings. A Forest Green accent color will be used on all four sides of the building on the roof, door and window frames, copings, and cornices over framing.



A Red Cedar colored EIFS is proposed atop the car wash entrance and exit on the south and north elevations, respectively. Section 1.2 of the Appearance Review Guidelines discourages the use of EIFS for reasons related to durability and maintenance. Although EIFS has been proposed, the portions of the building that will be constructed with EIFS are limited to

approximately 10 feet above grade to prevent the material from being within reach of pedestrians or vehicles. When placed at a higher level, the material is less susceptible to damage.

Section 1.8 of the Appearance Review Guidelines encourages the selection of natural and muted colors, with no more than two or three colors on each facade. As proposed, there will be three main colors (Vintage Gold, Red Cedar, and Forest Green) with two or three secondary colors (Buff, SW Wheat Penny, and Space Gray) on each elevation. Although the proposed color palette exceeds three colors and the colors are not relatively neutral, staff believes the palette advertises the business branding, is utilized in other Jet Brite locations, colors complement each other, and do not harshly contrast with surrounding buildings along Roosevelt Road Corridor.

Canopies. Canopies on Lot 4 include an arched canopy over pay booth stations west of the car wash building, an arched canopy over vacuum stalls east of the building, and a canopy partially covering the vending structure at the southeast corner of the building. There will be three arched vacuum canopies on Lot 5, as shown in the rendering below, in addition to a small canopy covering the vending/vacuum mechanical enclosure. All canopies feature Red Cedar CMU columns with Buff concrete copings attached to a Forest Green prefinished standing seam metal roof via Space Gray steel tube. The materials and colors proposed for canopies will tie to the car wash building, as encouraged by the Appearance Review Guidelines.



Trash Enclosure. A trash enclosure is proposed on the southeast corner of Lot 4 near the entrance to the car wash. The enclosure's opening will face the eastern drive aisle. There will be a second trash enclosure on the southeast end of Lot 5, facing the parking lot. Each trash enclosure will be open on top and will be attached to other vending or mechanical enclosures. The enclosures feature a lower two feet of Red Cedar CMU and an upper part of

Buff utility brick veneer to match the car wash building design and color palette as encouraged by the Appearance Review Guidelines and required by the Zoning Code. The trash enclosures will be gated by Trex Light Brown composite decking. Section 2.3.1 of the Appearance Review Guidelines encourages metal gates for trash enclosures. The Commission may wish to inquire about the use of metal or another type of durable material for the trash enclosure gates.

Lighting. Lighting on the building consists of five (5) aluminum sconce lights with a black finish around the building 10.5 feet above the surrounding grade. Each parking stall and pay booth station will be lit with a Petroleum-style Canopy LED luminaire. There will be twelve (12) and seven (7) LED area light poles on Lots 4 and 5, respectively, each 22 feet tall to match the existing parking lot lighting for the rest of the subdivision. The submitted photometric plan demonstrates that the lighting is less than the maximum illumination levels permitted at the property lines and is properly shielded.

Landscaping and Screening. The petitioner is proposing a mixture of shrubs, ornamental trees, deciduous plants, and evergreens throughout the site. The proposed landscaping complies with all the regulations of the Zoning Code. Although compliant with the Code, the proposed landscape plan indicates minimal landscaping around the trash and mechanical enclosures. Sections 2.3.1 and 2.3.2 of the Appearance Review Guidelines suggest that trash and other freestanding mechanical enclosures be surrounded and screened with landscaping. The Commission may wish to inquire about the possibility of additional landscaping around these enclosures.

The petitioner proposes a loading space at the northwest corner of the car wash building on Lot 4. Although landscaping will be provided along the north property line, the loading zone will be relatively visible from the public right-of-way (Roosevelt Road), which is discouraged by Section 4.2 of the Appearance Review Guidelines. A deviation is also being sought from the Zoning Code to allow the loading zone at this location. The Plan Commission has reviewed this deviation.

As proposed, all rooftop mechanical equipment will be screened from view on the far side of the rights-of-way and adjacent properties by portions of the building structure, as encouraged by Section 1.8.3 in the Appearance Review Guidelines.

Landscape Islands. Section 2.1.3 of the Appearance Review Guidelines encourages landscaped islands to be employed at the ends of parking rows and within large parking fields to visually break up the mass of pavement and define parking areas and drive aisles. The petitioner is requesting approval of a deviation from this guideline to allow the absence of a landscape island at the southern end of the parking row on Lot 4. The petitioner will also need

to receive approval of a zoning deviation for the landscape island. Other landscaped islands proposed throughout the subject site will comply with the Appearance Review Guideline and the Zoning Code.

Signage. Several signs are proposed for the Jet Brite Car Wash on Lots 4 and 5, including:

1. Two (2) internally illuminated wall signs will be located on the building:
 - a. The north elevation along Roosevelt Road will have one (1) 104.8 square foot, slightly tilted, sign reading “Jet Brite” with a canopy atop the lettering in yellow.
 - b. The east elevation facing Buona Beef restaurant will have one (1) 93.6 square foot sign, reading “Car Wash” and “Free Vacuums” in yellow with a white “\$3” element on a round dark green background.

Section 2.4.5 of the Appearance Review Guidelines suggests wall signs with individual light color affixed letters on a contrasting darker surrounding background. Given the yellow sign letters proposed to be mounted individually to a Vintage Gold brick wall, the Commission may wish to inquire about the possibility of adjusting the wall signs’ color to improve their visibility and contrast with the surrounding building facade.

2. One (1) 20.42 square foot, double-faced, internally illuminated, freestanding monument sign will be located at the northeast corner of Lot 5. The monument sign’s base will be 1.4’ and constructed with the same material and color to match the accessory structures and retaining wall on Lot 5. The freestanding sign will meet all requirements, including number, setback, height, base height, and landscaping around the base. The sign reads “Jet Brite” and “Customer” “Vacuums” in three lines with white lettering on a light green background. The sign features a dark green canopy element atop the sign cabinet.
3. Three (3) illuminated directional signs with white lettering on a light green background with a dark green canopy element atop the sign message board, each 3.94 square feet in area and 4’ in height:
 - a. Single-faced, located on Lot 4, on the northeast end of the building, reading “Entrance” with an arrow directing cars.
 - b. Single-faced, located on Lot 4, along north access drive, reading “Free” “Vacuums” and “Exit” in three lines, accompanied with three small arrows showing directions.
 - c. Double-faced, located on Lot 5, on the northwest corner of the lot near the entrance, reading “Free” “Vacuums” in two lines with an arrow directing cars on both faces.

Accordingly, the petitioners have requested variations from the Sign Code to allow a secondary wall sign for a 5,262 square-foot establishment on Lot 4 where only establishments of 15,000 square feet or more are permitted to have secondary wall signage and to allow a total combined sign area of 198.4 square feet of signage on Lot 4 where the total square footage of signage permitted on the site is 120 square feet. The requested sign variations have been considered by the Plan Commission.

**AAC
ACTION:**

The Architectural Appearance Commission is being asked to consider the petitioner's request for exterior appearance and make a recommendation to the Village Board for approval, approval with conditions, or denial. In reviewing the request, the Commission should consider how the proposed exterior appearance conforms to the Appearance Review Guidelines and may wish to inquire about/encourage the petitioner to:

1. Utilize metal or another type of durable material for the trash enclosure gates. (Guideline 2.3.1)
2. Consider the possibility of additional landscaping around the freestanding trash/mechanical enclosures. (Guidelines 2.3.1 and 2.3.2)
3. Inquire about the wall signs' color and their visibility and contrast with the background building façade. (Guideline 2.4.5)

In addition, staff would recommend the AAC consider the following conditions of approval:

1. That the project is constructed in substantial conformance with the plans as presented and the testimony presented at the Architectural Appearance Commission meeting, the Plan Commission public hearing, and before the Village Board of Trustees.
2. A building permit shall be required for the exterior alterations.

ATTACHMENTS:

1. Application for Exterior Appearance
2. Aerial Map
3. Narrative Statement
4. Final Planned Unit Development Plan
5. Exterior Elevations and Materials
6. Color Building Elevations
7. 3D Renderings
8. Exterior Material Samples
9. Floor Plan

10. Landscape Plan
11. Tree Survey Plan
12. Photometric Plan
13. Light Fixture Cut Sheets
14. Signage Plans
15. Draft Motion to Approve

cc: Martin Scott, Community Development Director
Dave Dalesandro, JB Development, Inc., Petitioner
Sam Youssef, JB Development, Inc., Petitioner
Lauren Kucinski, Veenstra & Kimm Inc., Petitioner

X:\Plandev\PLANNING\AAC\Exterior Appearance Approval\R\Roosevelt\Roosevelt 375 and Taft 401 - Jet Brite\AAC Meeting

**EXTERIOR APPEARANCE REVIEW
APPLICATION**

Please complete and return this form to the Planning and Development Department, 535 Duane St.,
Glen Ellyn, IL 60137. If you have questions, please phone: 630.547.5250

I. APPLICATION INFORMATION:

CLEAR PAGE

A. Date Filed: 06/28/22 B: Application No. _____

C. Project Name: Jet Brite Car Wash

D. Project Description:

Demolition of the existing car wash facility and parking lot for the construction of a new car wash facility with on-site and off-site vacuum/parking, and all applicable utility connections.

E. Address of Property: 375 Roosevelt Road & 401 Taft Avenue

F. Permanent Index No.: 05-22-203-006/05-22-207-006 G. Zoning: C-3 and C-4

H. Name of Applicant: JB DEVELOPMENT LLC

I. Address of Applicant: 590 Kildeer Drive, Bolingbrook, IL 60440

J. Phone No. (Business): _____ (Home) _____

K. (Mobile) 708-417-0005 (Other) _____

L. Fax No.: _____

M. E-mail Address of Applicant: dave@jetbritecarwash.com

N. Name of Property Owner: MIKA DEVELOPMENT LLC-ROSELLE

O. Address of Property Owner: 590 Kildeer Drive, Bolingbrook, IL 60440

P. Phone No. (Business): 708-417-0005 (Home) _____

Q. E-Mail Address of Property Owner: dave@jetbritecarwash.com

II. CONFORMANCE WITH APPEARANCE REVIEW GUIDELINES:

(You may attach separate sheets as needed to answer any of the following questions)

R. Please explain why the proposed architectural style was chosen.

The proposed contemporary style was selected for brand consistency. Jet Brite is a franchise that has established a cohesiveness style across all it's brand sites.

S. Provide information about the architectural style and exterior materials of the buildings in the surrounding area:

The surrounding area represents various contemporary styles with traditional masonry materials.

T. Please explain how the project complies with the Appearance Review Guidelines:

The project is compatible with the various contemporary styles shown in the commercial development section of the guidelines. The use of masonry styles and decorative standing seam canopies are nice balance between distinct and traditional character.

U. Please explain why any deviations from the Appearance Review Guidelines are proposed:

No style deviations are proposed.

Signature:  - President Date: 02/03/22



0 150 300
ft

Print Date: 11/17/2022

Notes

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.



February 13, 2022

To: Community Development, Village of Glen Ellyn

Re: Explanation of Car Wash Operation

To Whom It May Concern:

We currently own the properties known as 375 Roosevelt Road, and 401 Taft Avenue. We are applying for a permit to build an Exterior Only Car Wash, like our 11 other existing facilities in Western Suburbs. The car wash facility would consist of a 150' long building (please refer to color renderings). We feel that facility appearance is important to the success of the business as well as the success of the Village and neighboring businesses. Therefore, we have incurred great expense in designing a facility that will meet this objective.

The name of our company is Jet Brite Car Wash. We have been leaders in the Chicago Area Car Wash Industry since 1984. We are also the largest supplier of car wash equipment in the Chicago area. In other words, we sell and install car wash equipment to many of the other car washes in the area.

In 2004 we have helped pioneer in the Express Wash Concept with our first Jet Brite Car Wash in Addison. Since then, we have built new facilities in Villa Park, Aurora, Chicago, Carol Stream, Bolingbrook, Northlake, Roselle, and Naperville. We pride ourselves on keeping our locations fully staffed, and operational, at all times. This includes continually cleaning and maintaining our facilities. This is a family business, and we live and die with our reputation. Owners, and family members, are on site most of the time. In addition, we staff our facilities with polite, clean-cut employees, that are required to always wear their Green Uniforms, to remain visible to the customers.

JET BRITE CAR WASH INC

590 Kildeer Drive, Bolingbrook, IL 60440

O: 630.312.8844 | F: 630.410.8521



The type of car wash operation we are proposing is the same as our existing facilities, and is referred to, in the industry, as an Express Wash. An Express Wash operates in the following way:

- The customers will remain in their vehicle as they enter the property and pull up to one of four automated pay stations. These are touch screen machines that take cash and credit cards, much like you see at Grocery Stores, Banks, and Airports.
- After paying for the wash, the customer then proceeds to the entrance of the 150' long, conveyORIZED car wash tunnel, where the customer, is guided onto the conveyor, by the wash attendant.
- The vehicle is then pulled through the wash tunnel where the car is completely cleaned and dried by the most advanced equipment available in the industry. This wash system features a heated drying chamber that dries the vehicle without the need for towel dryers. The 180hp / 3,000,000btu drying system will remove 99% of the water from the vehicle. This mostly eliminates the problem of icing at the exit end.
- The wash system also includes the ability to apply additional services such as tire dressing to the vehicle.
- Once the wash is completed, the customer then has the option to exit the property or loop around to the East Side of the building to use one of our 12 Vacuum Stalls. The East Vacuum Area will feature a central vacuum system that will be located inside the car wash building. As the 12 vacuums stalls become busy, the customers will be directed across Taft Avenue to use the additional vacuums stalls located at 401 Taft. All customers will have the ability to utilize the one-way drive on the East side of the building to exit the property. This will significantly reduce the traffic exiting onto Roosevelt Road.
- The Taft Vacuum Area will consist of approximately 39 additional vacuum stalls and 4 employee parking. The Central Vacuum Producers will be enclosed within free-standing enclosures, constructed with the same materials as the main car wash building (all other items on the site that are not visually appealing will be enclosed or shielded with landscaping). This

JET BRITE CAR WASH INC

590 Kildeer Drive, Bolingbrook, IL 60440

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includes all transformers, meters, and floor mat machines. The vacuum canopies & pay station canopies will be lit with Highly Efficient LED light fixtures. The vacuum columns will be wrapped with a masonry block to match the building.

- The Car Wash will be staffed at all times with two to three employees and will remain open 7 days a week from 7am – 9pm. The purpose of the employees is as follows:
 1. To guide the customers onto the conveyor
 2. Continually clean and monitor the vacuum area
 3. Guide traffic and assist customers with questions
- The maximum capacity of the wash unit is 4 vehicles being washed plus one in the loading area. This can be interpreted as a total of 4 or 5 vehicles. The current amount of stacking with 3-Lanes, is 27 vehicles.
- The actual production capability of the car wash and pay stations is 140 cars per hour.
- Since we are a service business, there are no large size deliveries other than the drums of soap. Jet Brite is contracted with our suppliers to delivery twice a month, early mornings before the opening. Delivery drivers will park along the North roadway, and enter the North, or West Equipment Room Door.

In addition, I would like to add that we have hired the best professionals available in the design of the facility to ensure that the traffic flows on and off the property in a safe and efficient manner.

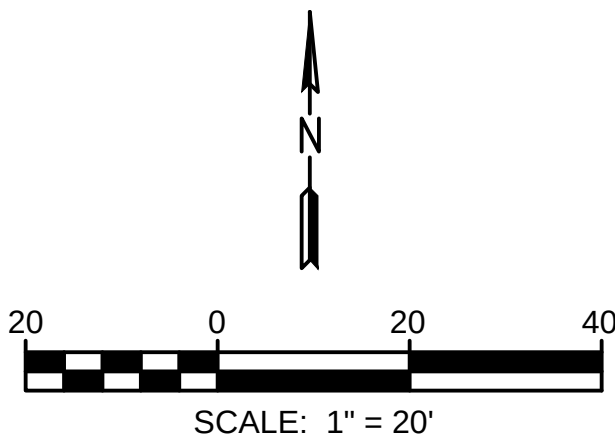
Thank you for your time.

Dave Dalesandro
President Jet Brite Car Wash, Inc.
Cell Phone – 708-417-0005
Email – dave@jetbritecarwash.com

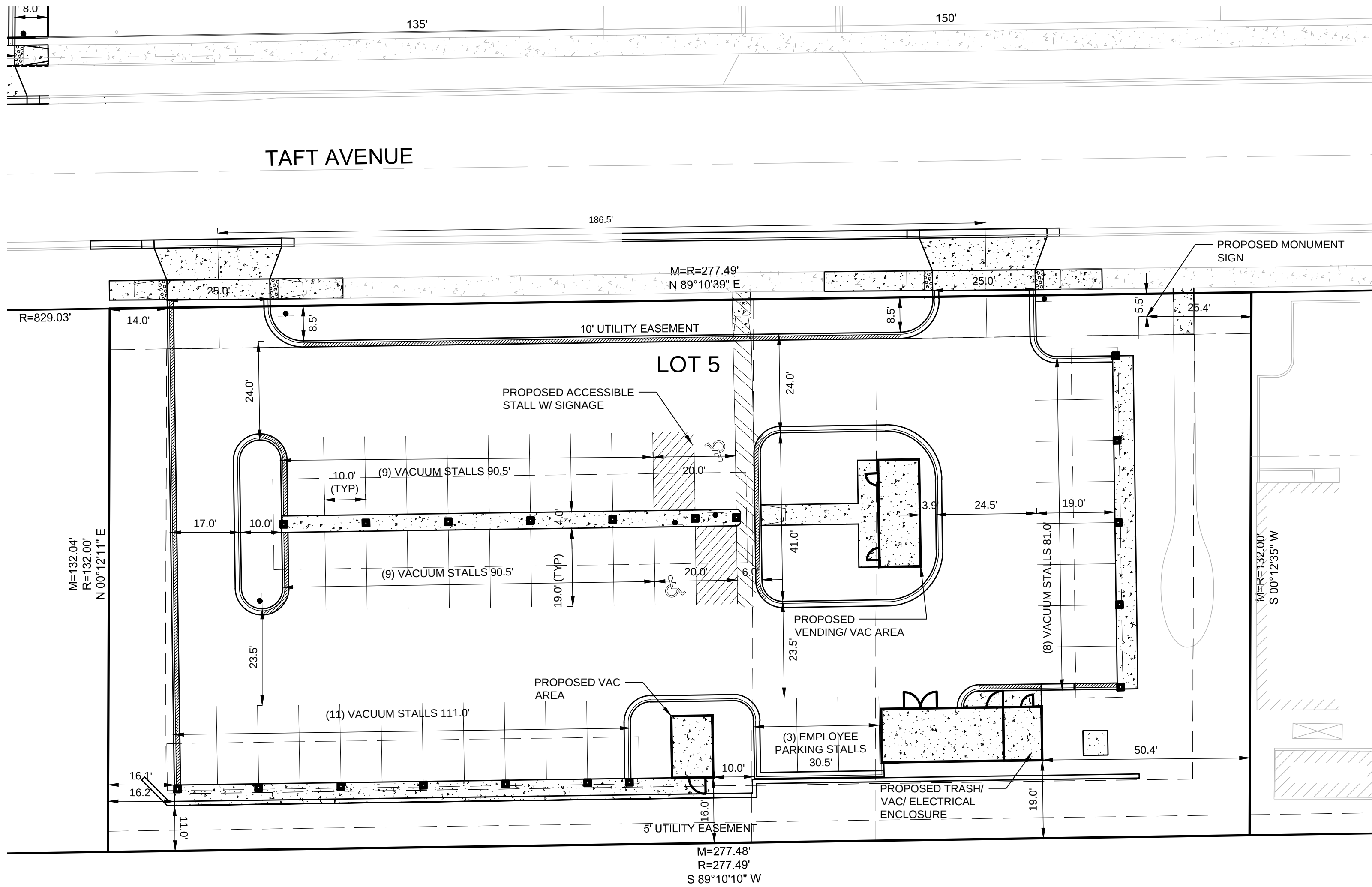
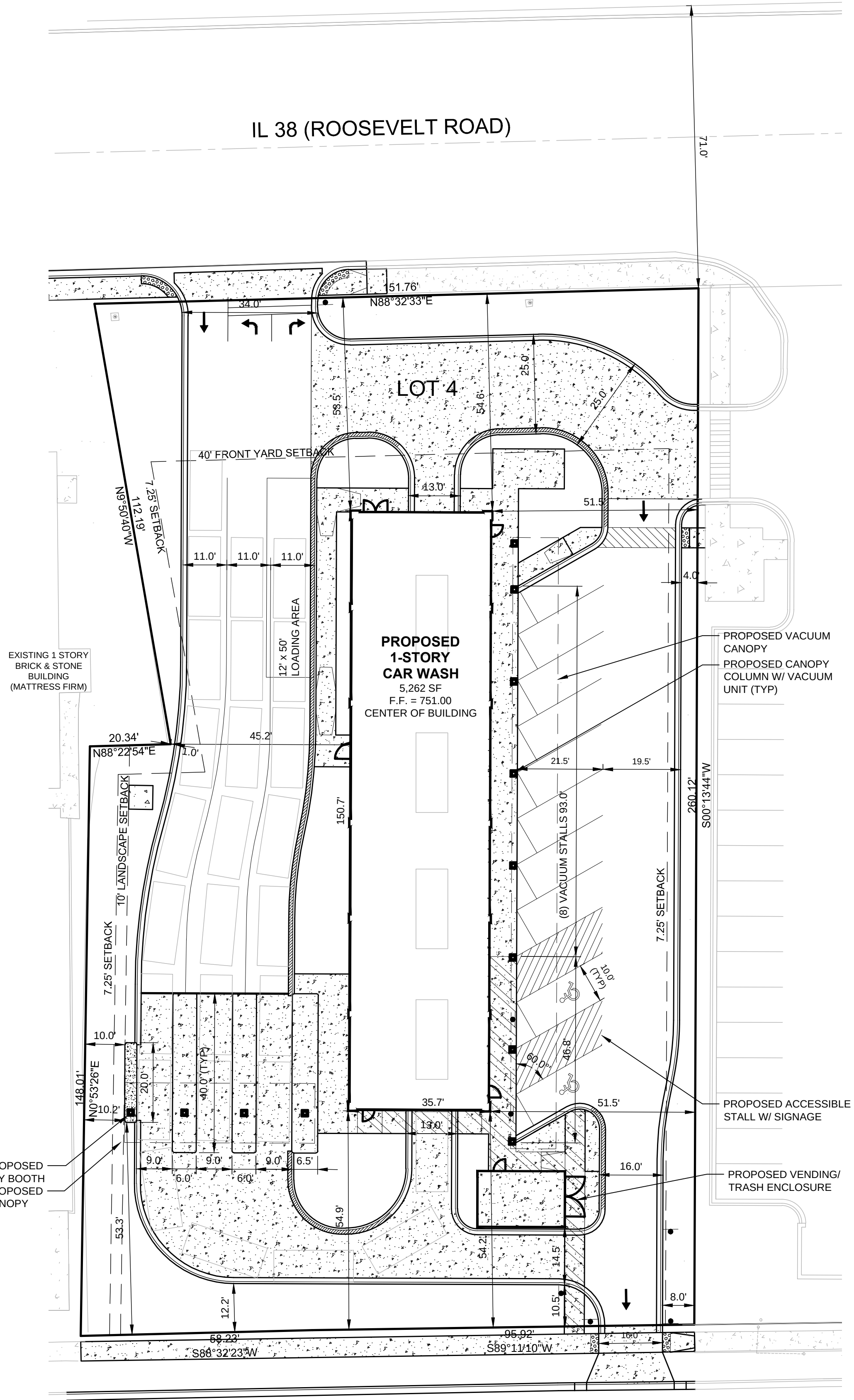
JET BRITE CAR WASH INC

590 Kildeer Drive, Bolingbrook, IL 60440
O: 630.312.8844 | F: 630.410.8521

FINAL PUD SITE PLAN
FOR
LOT 4 & LOT 5



552 W. Boughton Road • • 888-630-2034
Bolingbrook, IL 60440



PROJECT: JET BRITE CAR WASH

375 ROOSEVELT ROAD &
401 TAFT AVENUE
GLEN ELLYN, IL 60137

CLIENT: JB DEVELOPMENT, INC.
590 KILDEER DR.
BOLINGBROOK, IL 60440

9-30-22	PER VILLAGE REVIEW	9-06-22
7-15-22	PER VILLAGE REVIEW UPDATE	
4-22-22	PER VILLAGE REVIEW	
1-14-22	PER VILLAGE REVIEW	
9-5-19		

FINAL PUD SITE
PLAN LOT 4 &
LOT 5

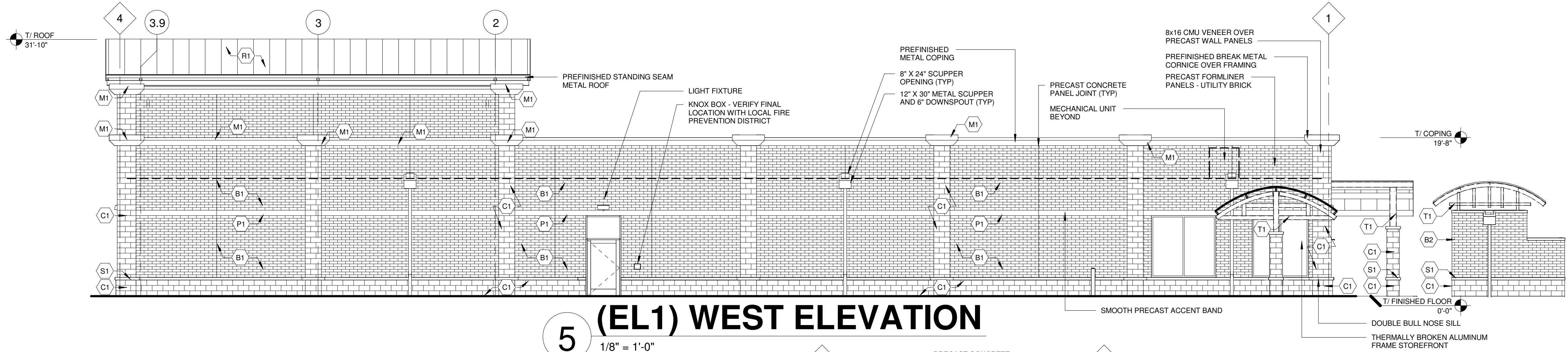
PROJECT #:	DATE:
7579.01	1-14-22

1 OF 1

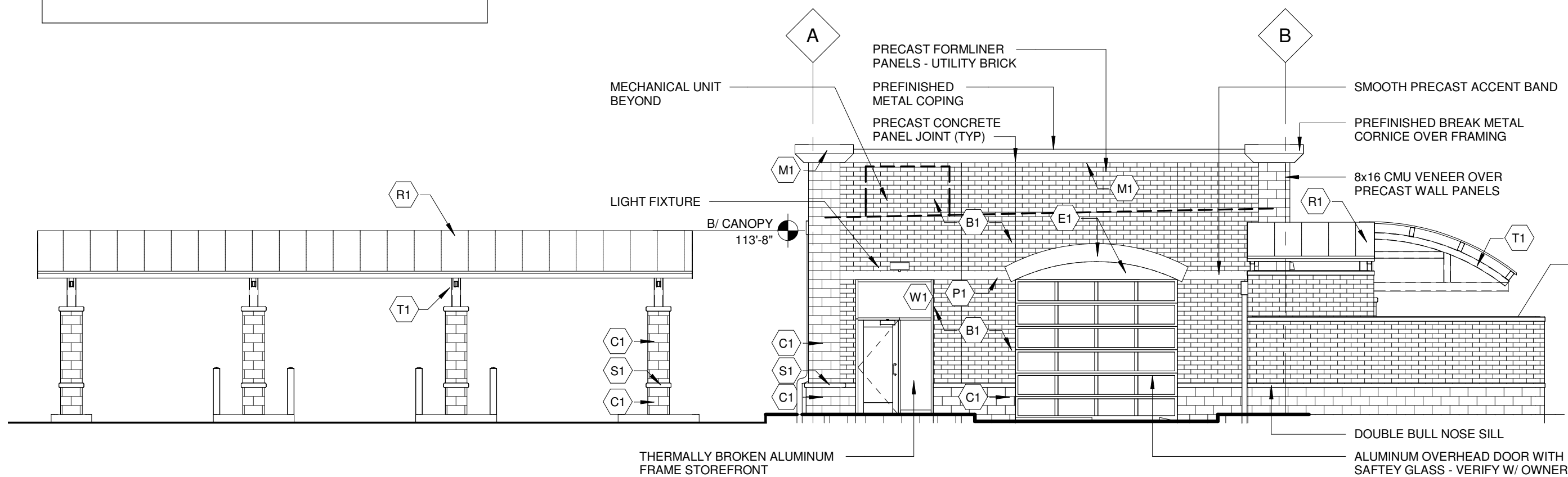
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- C1 NORTHFIELD BLOCK 'RED CEDAR' SPLIT FACE CMU
S1 PRECAST CONCRETE SILL/ COPING 'BUFF'
B1 PRECAST FORMLINER (UTILITY BRICK) PAINT FINISH- SHERWIN WILLIAMS SW 9024 'VINTAGE GOLD'
B2 UTILITY BRICK VENEER 'BUFF'
M1 PREFINISHED METAL COPING 'FOREST GREEN'
P1 PRECAST CONCRETE SMOOTH BAND PAINT FINISH- SHERWIN WILLIAMS SW 7705 'WHEAT PENNY'
W1 ANNOZIDED ALUMINUM STOREFRONT 'FOREST GREEN'
R1 PREFINISHED STANDING SEAM METAL ROOF 'FOREST GREEN'
T1 STRUCTURAL TUBE STEEL 'SPACE GREY'
E1 E.F.I.S. ACCENT 'RED CEDAR'
D1 COMPOSITE DECKING GATE 'TREX' LIGHT BROWN

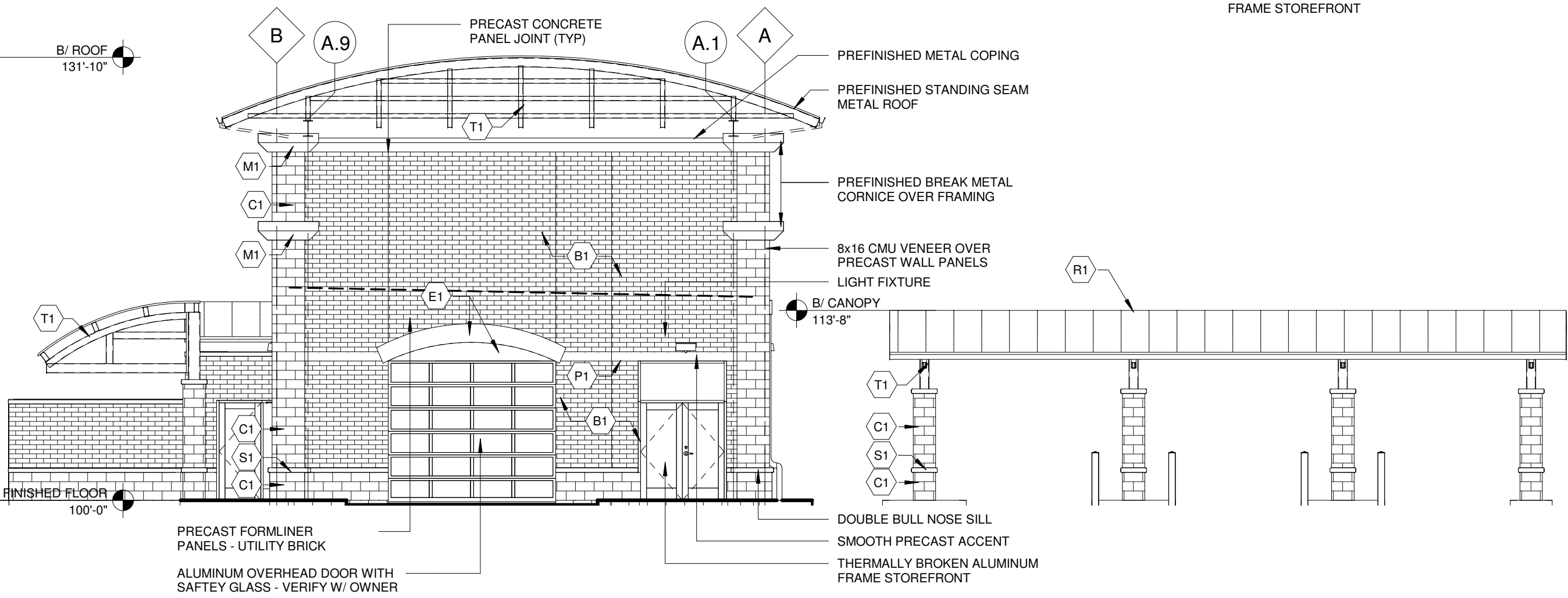
NOTES:
1. VERIFY ALL FINISHES AND COLORS WITH OWNER



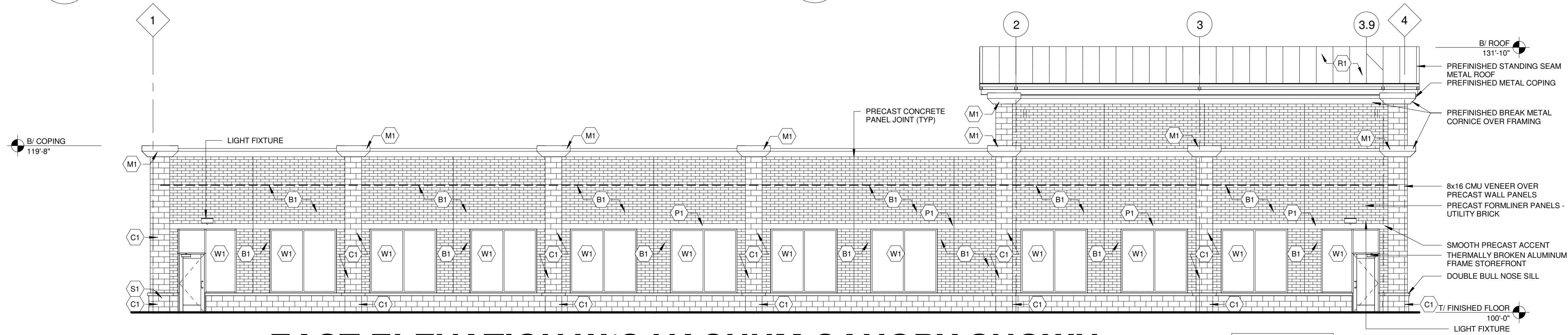
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1/8" = 1'-0"



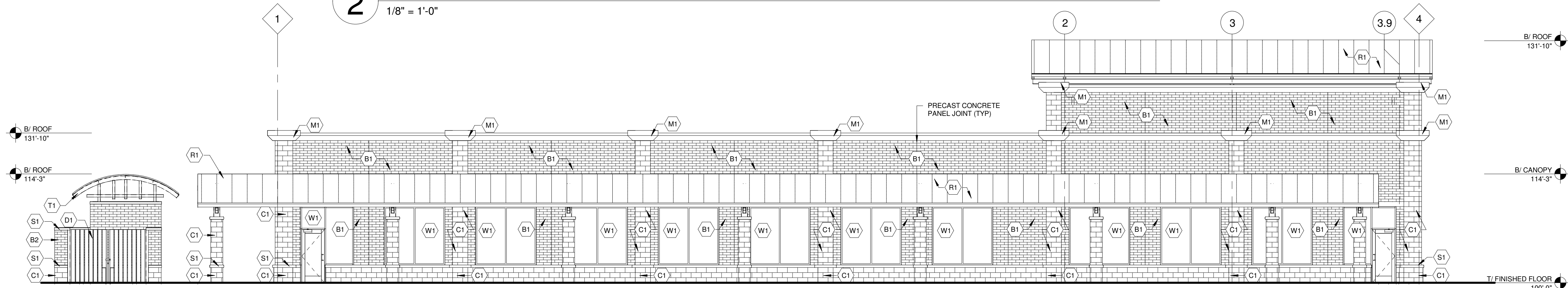
4 (EL1) SOUTH ELEVATION
1/8" = 1'-0"



3 (EL1) NORTH ELEVATION
1/8" = 1'-0"



2 EAST ELEVATION W/O VACUUM CANOPY SHOWN
1/8" = 1'-0"



1 EAST ELEVATION W/ VACUUM CANOPY SHOWN
1/8" = 1'-0"

NOTE:
ELEVATION HEIGHTS BASED
UPON AVERAGE EXISTING
GRADE OF: 751.00' ± 0'-0"

KNIGHT
Engineers & Architects
Knight E/A, Inc.
631 E. Boughton Road
Suite 205
Bolingbrook, IL 60440
Phone: (708) 342-1250
knightea.com
PROFESSIONAL DESIGN FIRM
ILLINOIS LICENSE NUMBER: 184-002141
DATE OF EXPIRATION: 4-30-2023

NOT FOR CONSTRUCTION

PROJECT: **CAR WASH**
375 ROOSEVELT ROAD
401 TAFT AVENUE
GLEN ELLYN, IL 60137
CLIENT: **JB DEVELOPMENT, INC.**
590 KILDEER DR.
BOLINGBROOK, IL 60440

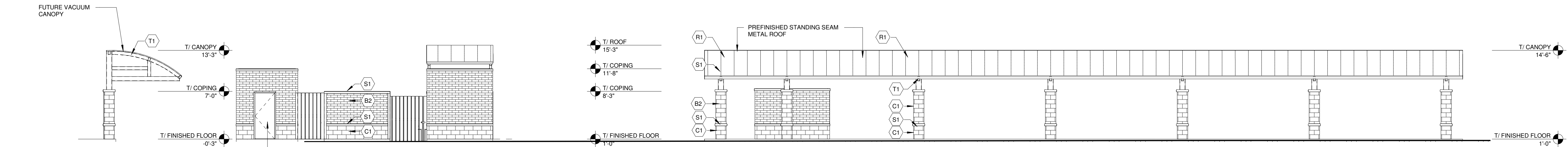
7/15/22 PER VILLAGE REVIEW UPDATE
1/14/22 PER VILLAGE REVIEW

EXTERIOR
ELEVATIONS

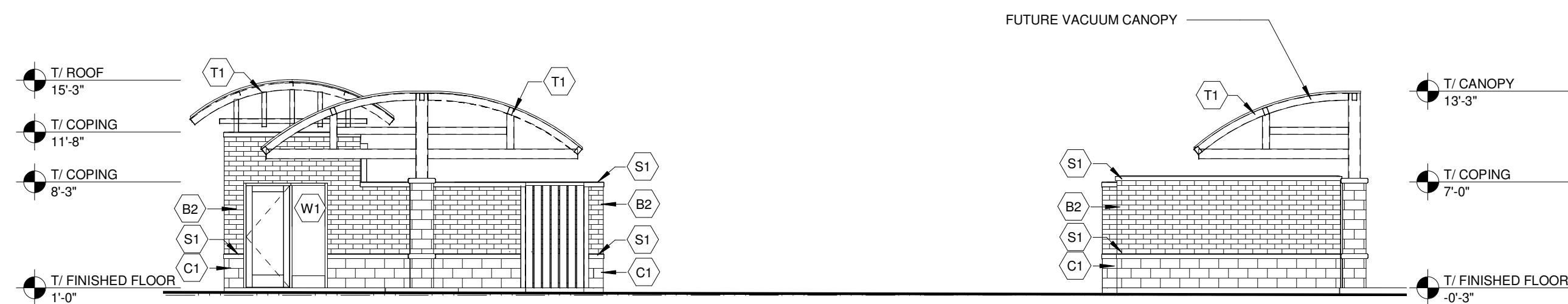
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DATE: 7-15-22

EL-1

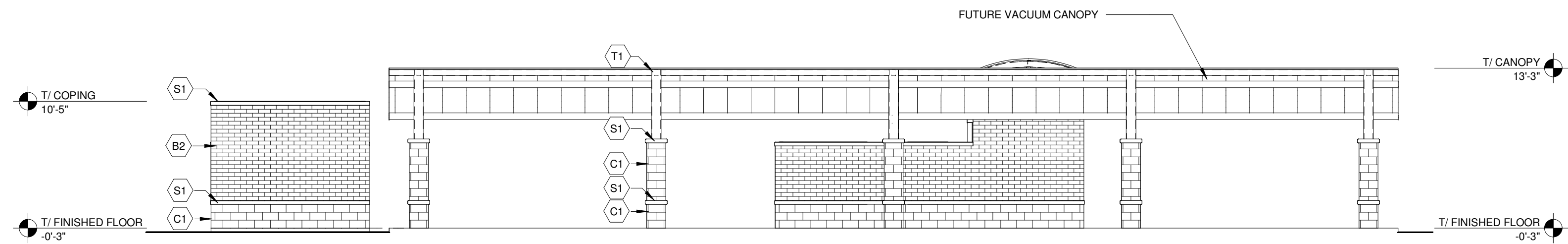
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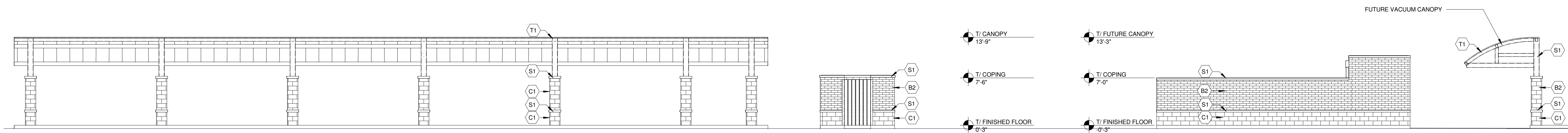
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1/8" = 1'-0"



3 (EL2) VACUUM CANOPY WEST ELEVATION
1/8" = 1'-0"



2 (EL2) VACUUM CANOPY EAST ELEVATION
1/8" = 1'-0"

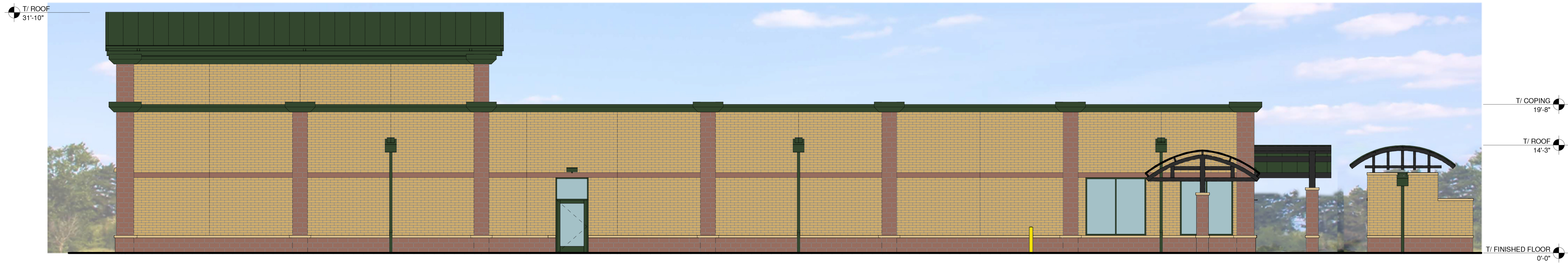


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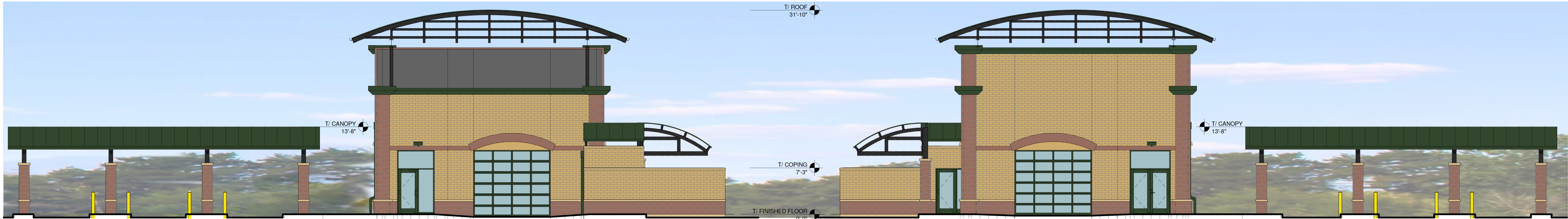
EXT. FINISH LEGEND	
C1	NORTHFIELD BLOCK 'RED CEDAR' SPLIT FACE CMU
S1	PRECAST CONCRETE SILL/ COPING 'BUFF'
B2	UTILITY BRICK VENEER 'BUFF'
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W1	ANNOZID ALUMINUM STOREFRONT 'FOREST GREEN'
R1	PREFINISHED STANDING SEAM METAL ROOF 'FOREST GREEN'
T1	STRUCTURAL TUBE STEEL 'SPACE GREY'
NOTES:	
1. VERIFY ALL FINISHES AND COLORS WITH OWNER	

NOTE:
ELEVATION HEIGHTS BASED
UPON AVERAGE EXISTING
GRADE OF: 749.75' ± 0'-0"

NOT FOR CONSTRUCTION



5 WEST ELEVATION
1/8" = 1'-0"



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

3 NORTH ELEVATION
1/8" = 1'-0"

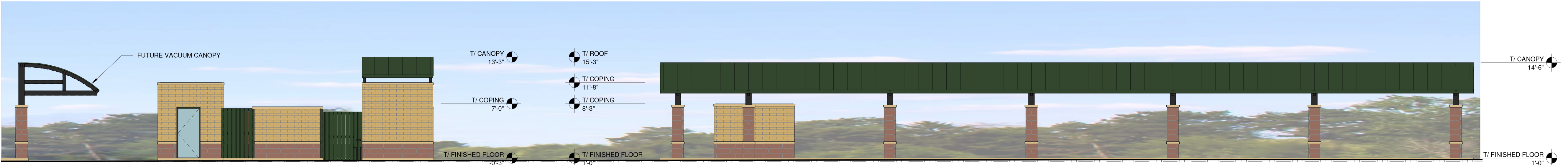


2 EAST ELEVATION
1/8" = 1'-0"



1 EAST ELEVATION
1/8" = 1'-0"

NOT FOR CONSTRUCTION



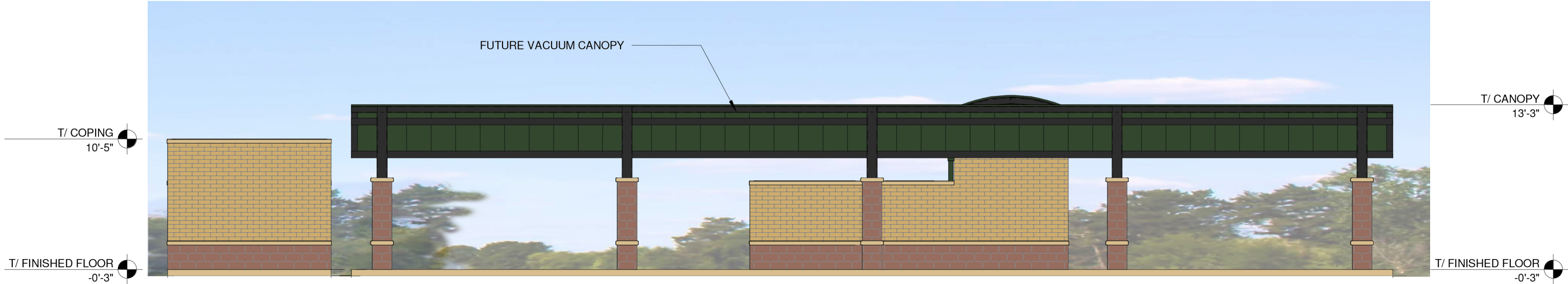
4
1/8" = 1'-0"

VACUUM CANOPY
NORTH ELEVATION



3
1/8" = 1'-0"

VACUUM CANOPY
WEST ELEVATION



2
1/8" = 1'-0"

VACUUM CANOPY
EAST ELEVATION



1
1/8" = 1'-0"

VACUUM CANOPY
SOUTH ELEVATION

NOTE:
ELEVATION HEIGHTS BASED
UPON AVERAGE EXISTING
GRADE OF: 749.75' = 0'-0"

Engineers & Architects
Knight E/A, Inc.
631 E. Boughton Road
Suite 205
Bolingbrook, IL 60440
Phone: (708) 342-1250
knightea.com
PROFESSIONAL DESIGN FIRM
ILLINOIS LICENSE NUMBER: 184-002141
DATE OF EXPIRATION: 4-30-2023

NOT FOR CONSTRUCTION

PROJECT: **CAR WASH**
375 ROOSEVELT ROAD
401 TAFT AVENUE
GLEN ELLYN, IL 60137

CLIENT: **JB DEVELOPMENT, INC.**
590 KILDEER DR.
BOLINGBROOK, IL 60440

1/14/22	PER VILLAGE REVIEW
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401 TAFT AVE.
ELEVATIONS

PROJECT #: 7579.01	DATE: 5-14-22
-----------------------	------------------

R-4

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KNIGHT

Engineers & Architects

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BOLINGBROOK, IL 60440

5-18-22 PER VILLAGE REVIEW

3D RENDERING

PROJECT #: 7579.01	DATE: 5-18-22
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R-1

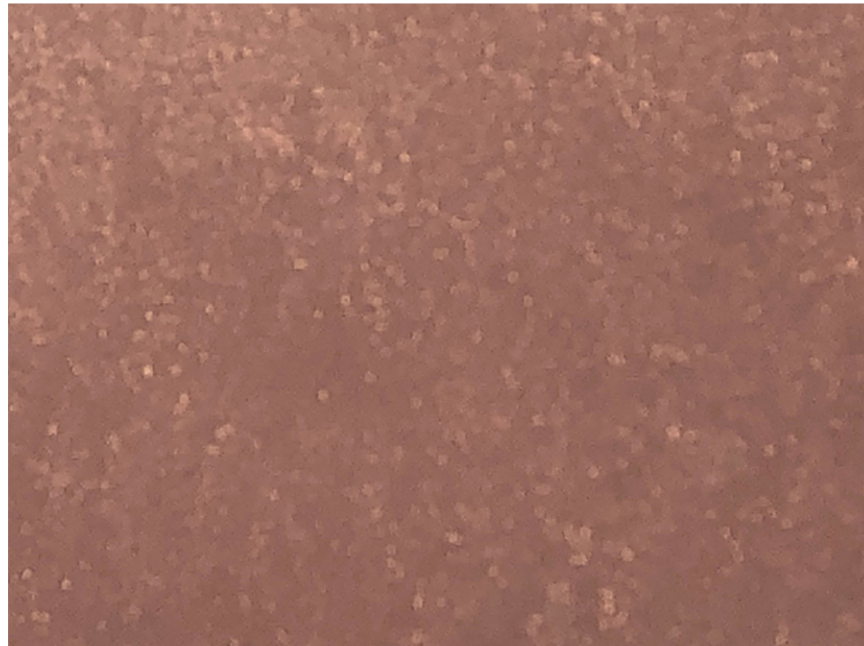
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STRUCTURAL TUBE STEEL 'SPACE GREY'



PREFINISHED METAL 'FOREST GREEN'



E.F.I.S. ACCENT 'RED CEDAR'



NORTHFIELD BLOCK 'RED CEDAR'
SPLIT FACE CMU



UTILITY BRICK VENEER 'BUFF'
TRASH ENCLOSURE
(NOT SHOWN IN PICTURE)



PREFINISHED STANDING SEAM METAL
ROOF 'FOREST GREEN'



PRECAST FORMLINER (UTILITY BRICK)
PAINT FINISH - SHERWIN WILLIAMS
SW 9024 'VINTAGE GOLD'



PRECAST CONCRETE SMOOTH BAND PAINT FINISH
- SHERWIN WILLIAMS SW 7705 'WHEAT PENNY'



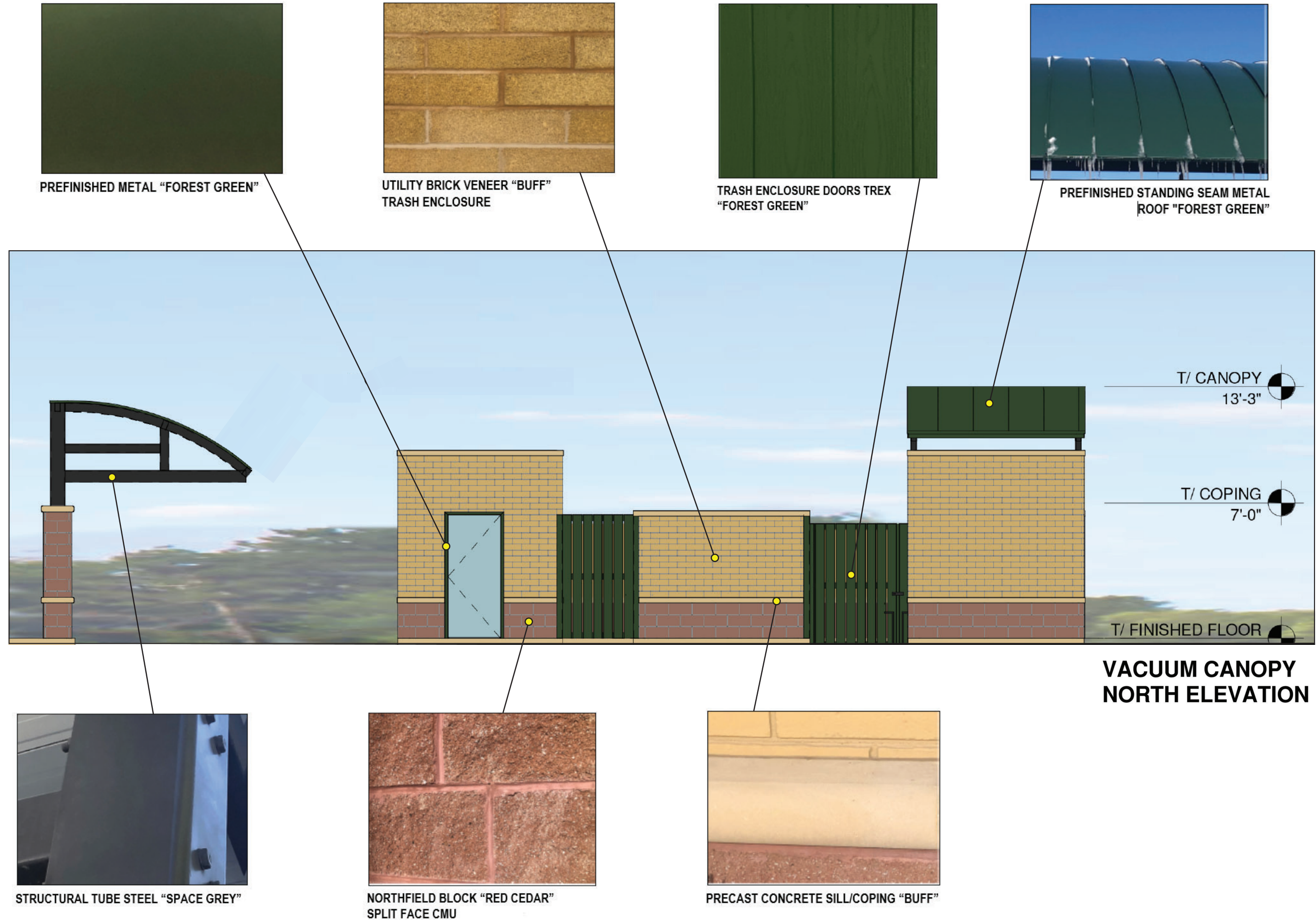
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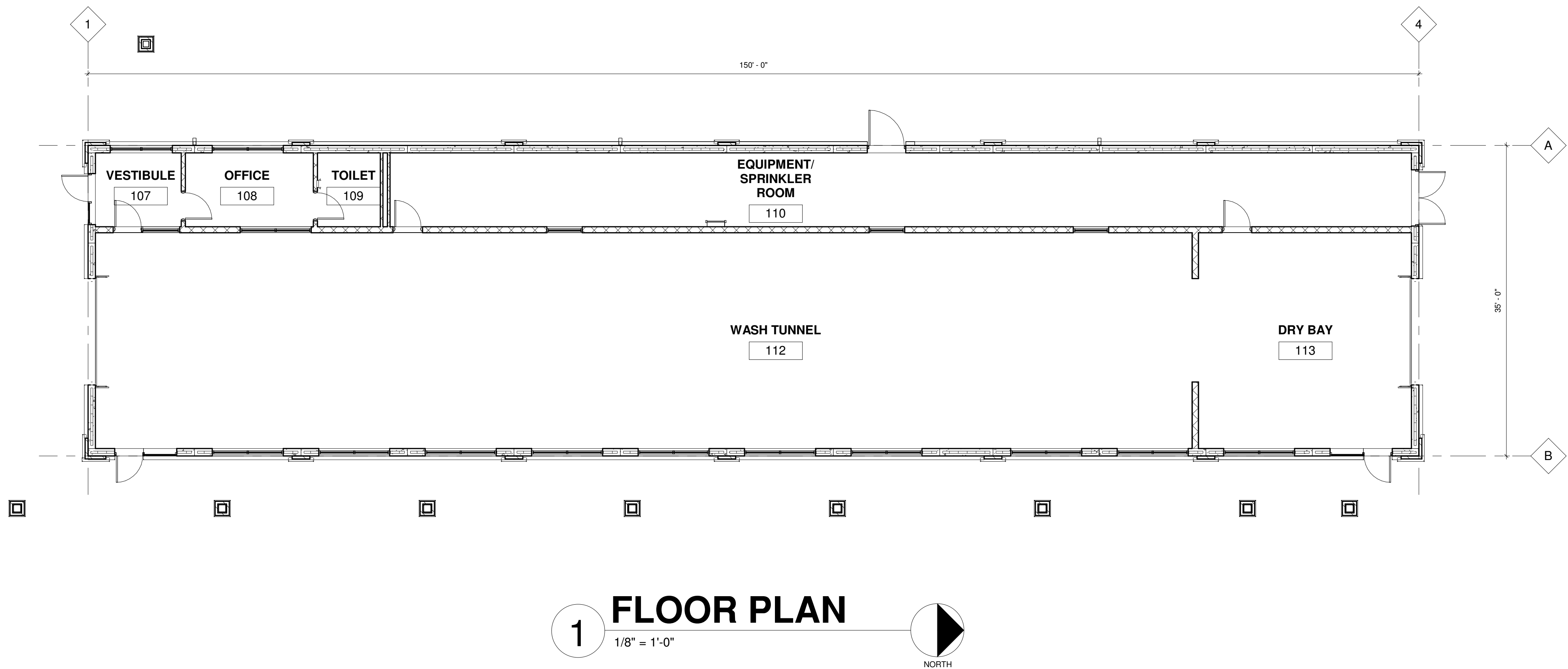


TRASH ENCLOSURE DOORS
TREX 'LIGHT BROWN COLOR'
(NOT SHOWN IN PICTURE)

1-14-22	PER VILLAGE REVIEW

EXTERIOR MATERIAL EXHIBIT	
PROJECT #: 7579.01	DATE: 1-14-22
MATL.	





1 FLOOR PLAN
1/8" = 1'-0"

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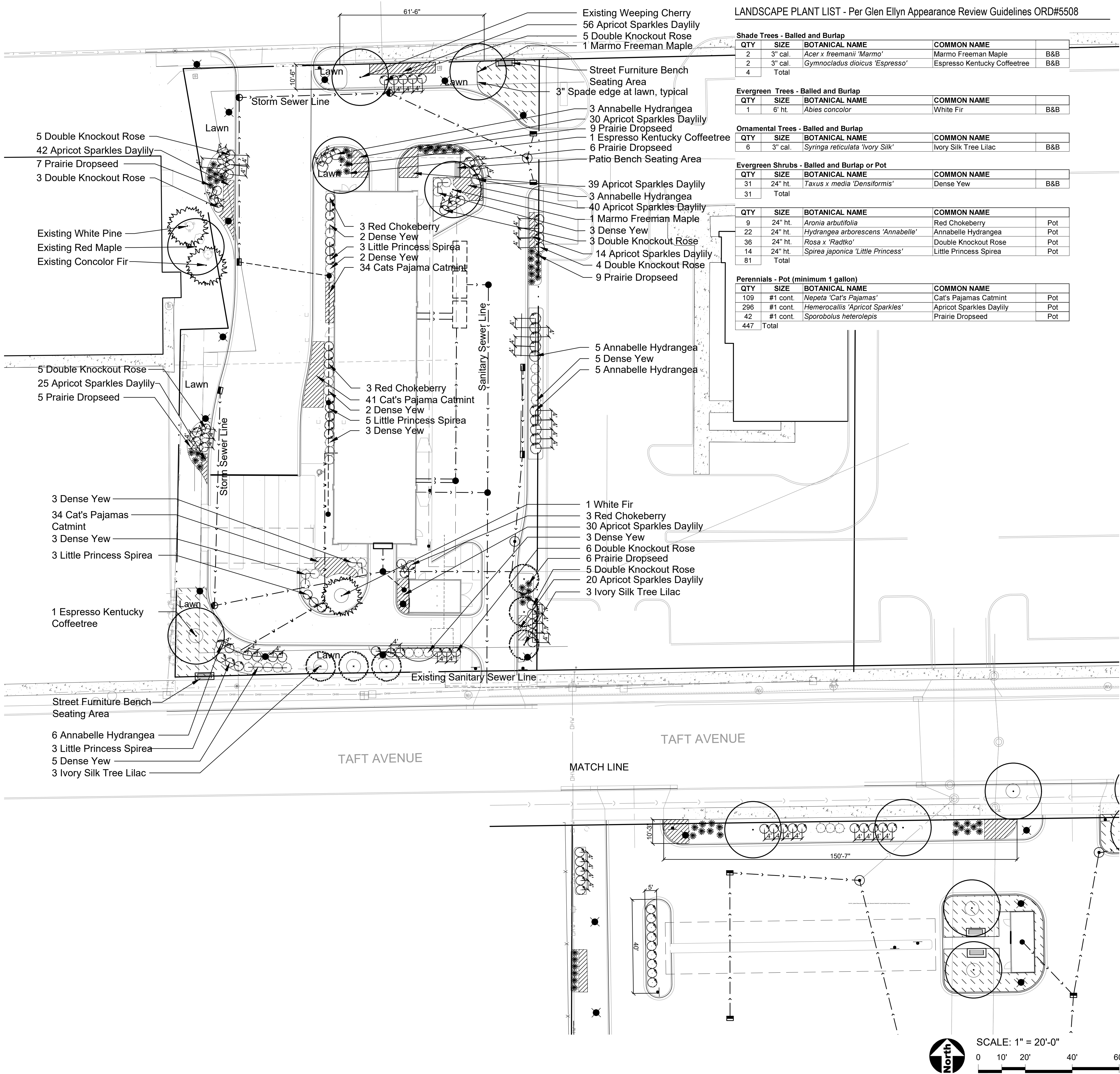
7/15/22	PER VILLAGE REVIEW UPDATE
1/14/22	PER VILLAGE REVIEW

FLOOR PLAN

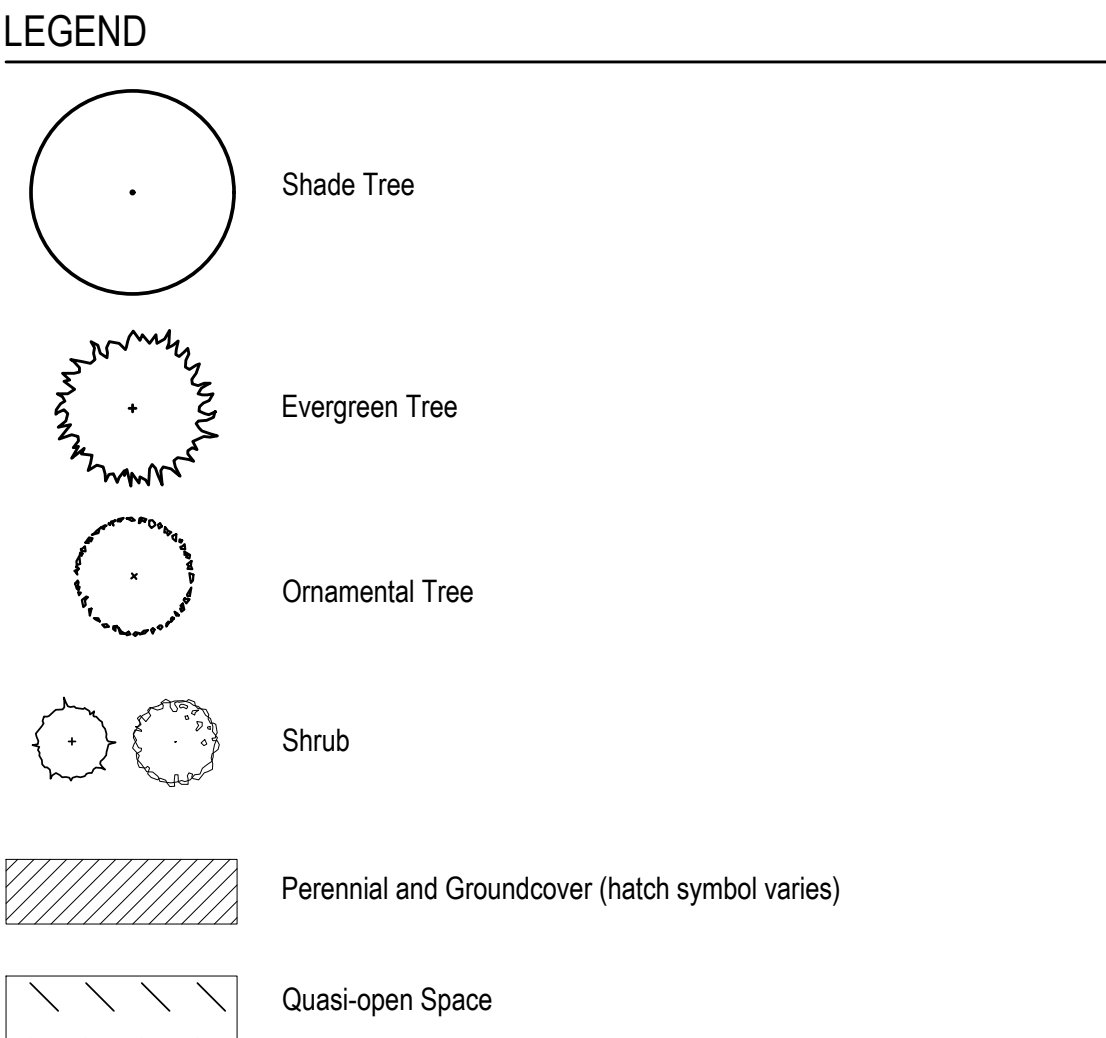
PROJECT #:	DATE:
7579.01	7-15-22

FP-1

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- GENERAL NOTES: LANDSCAPE**
- Notes indicated on grading plans shall pertain to landscape plans. Final grade of planting beds shall be as per grading plan.
 - The landscape contractor shall be responsible for making themselves familiar with all underground utilities and structures.
 - All existing plant material and trees shall be saved and protected unless otherwise noted. Contractor to protect new and existing trees and landscaping from damage and shall restore all areas disturbed as a result of construction.
 - Plant material shall be supplied from Northern Illinois nursery stock, shall be dug the planting season it is installed, and shall conform to the American Association of Nurseryman's standards.
 - Plant material shall be size and type specified. Substitution of plant material shall be on a case by case basis and approved in writing by the Owner's Representative. In no case shall plant material be smaller than indicated in the plans.
 - Do not willfully proceed with plantings as designed when it is obvious that obstructions and/or grade differences exist that may not have been known during the design process. Such conditions shall be immediately brought to the attention of the Owner's Representative.
 - All plant material shall be inspected and approved by the Owner's Representative prior to the installation of any and all plant material.
 - Plant locations shall be flagged in field with Owner's Rep. Final location of all plant material shall be subject to approval of the Owner's Representative prior to digging any holes. The landscape contractor is responsible for providing Owner's Representative with 48 hour minimum advance notice prior to planting.
 - Plants shall be watered on the day they are planted and maintained with watering until final acceptance of the project.
 - Apply a pre-emergent as per manufacturer's specification prior to installing mulch.
 - Beds and tree rings (6" diameter) shall have 3" of hardwood shredded mulch applied and a 4" deep spade edge at lawn. Trees that are not located in beds, shall have a tree ring.
 - Landscape plant material shall be guaranteed for 12 months from final acceptance. Any plant 1/3 dead or more shall be replaced under the guarantee.
 - Contractor to prepare landscape beds by roto-tilling 2" of Mushroom Compost into new beds. Do not add compost nor roto-till within drip line of existing trees.
 - Lawn Seeding shall be under favorable weather conditions, and shall follow dates in specification.
 - Turf mixes shall be installed and lawn established at all disturbed areas.
 - Do not overseed into mulch beds, and paving.
 - Contractor shall restore all areas disturbed as a result of construction.



REQUIREMENT CHART: Per Glen Ellyn Zoning Code and Appearance Review Guidelines

The following landscape meets the landscape ordinance Section 10-5-13(L)

Glen Ellyn, IL C3- Service Commercial Sec. 10-5-13 (L)(1)(a) Trees			
Minimum of 24 trees per acre of green space Distribution: Deciduous shade, ornamental, and evergreen trees			
Location	Site	Ordinance Requirement	Proposed Trees
Entire Site	0.12 Acres	0.12*24=2.88 Trees	3 Existing Trees 2 Deciduous 2 Ornamental 1 Evergreen

Appearance Review Guidelines 1.1.1			
Location	Site	Ordinance Requirement	Proposed Plants
Parking Lot		Perimeter landscaping used to screen views of parking lots	106 Shrubs

Appearance Review Guidelines 2.1.2: Parking Lots			
Location	Site	Ordinance Requirement	Proposed Plants
Parking Lot		Perimeter landscaping used to screen views of parking lots	106 Shrubs

Appearance Review Guidelines 2.3.1			
Location	Site	Ordinance Requirement	Proposed Plants
Trash Enclosure		All trash enclosures should be surrounded by landscaping	7 Shrubs

Appearance Review Guidelines 2.4.4			
Location	Site	Ordinance Requirement	Proposed Plants
Advertising Sign		Landscape the base of free standing signs...avoid plant materials which might obscure the sign message	16 Daylily 28 Periwinkle (groundcover)

Proposed Totals	
3	Deciduous Shade Trees
1	Evergreen Trees
113	Shrubs
23	Groundcover

Jet Brite
590 Kildeer Dr.
Bolingbrook, IL

PROJECT
Jet Brite
375 Roosevelt Road
Glen Ellyn, Illinois 60137

uplandDesign Ltd
Park Planning and Landscape Architecture
24042 Lockport St, Plainfield, Illinois 60544
815-254-0091 www.uplanddesign.com

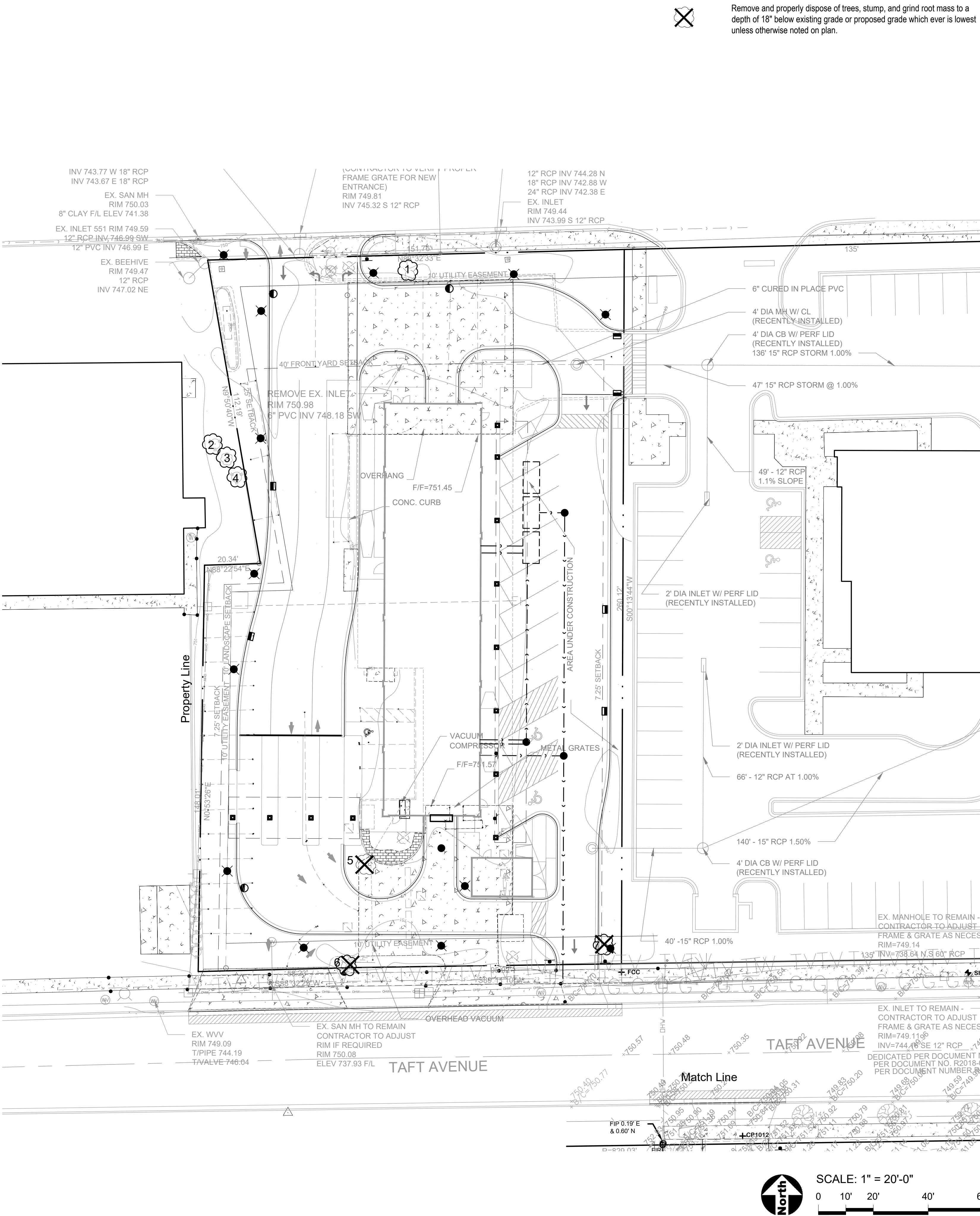
SHEET TITLE
Landscape Plan North

SHEET NUMBER **L1.0**

DRAW / REVISION

LD/TD	Permit Submittal	14MAR2019
LD/TD	Permit Resubmittal	22AUG2019
LD/TD/BL	Permit Resubmittal	13JAN2022
LD/TD/BL	Permit Resubmittal	27JAN2022
LD/DW	Permit Resubmittal	09AUG2022
LD/DW	Permit Resubmittal	29SEPT2022
LD/DW	Permit Resubmittal	25OCT2022

Project Number 713
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Number	Common Name	Scientific Name	Rating	Size	Removals
1	Grafted Weeping Cherry	Prunus subhirtella pendula	Good	6"	
2	White Pine	Pinus strobus	Good	14'	
3	Red Maple	Acer rubrum	Good	5"	
4	Concolor Fir	Abies concolor	Good	9'	
5	River Birch	Betula nigra	Good	Clump 8", 10", 3"	x
6	Thornless Honeylocust	Gleditsia triacanthos	Good	10"	x
7	Red Maple	Acer rubrum	Good	10"	x
8	Buckthorn	Rhamnus frangula	Good	Clump 4", 2"	x
9	Buckthorn	Rhamnus frangula	Good	Clump 5", 3"	x
10	Silver Maple	Acer saccharinum	Poor	12"	
11	Box Elder	Acer negundo	Fair	16"	x
12	Dead		Dead		x
13	Buckthorn	Rhamnus frangula	Good	5"	x
14	Black Walnut	Juglans nigra	Good	3"	x
15	Buckthorn	Rhamnus frangula	Good	Clump 4", 7", 3"	x
16	Black Walnut	Juglans nigra	Good	8"	x
17	Buckthorn	Rhamnus frangula	Good	6"	x
18	Dead		Dead		x
19	Dead		Dead		x
20	Mulberry	Morus alba	Good	Clump 6", 8"	x
21	Dead		Dead		x
22	Mulberry	Morus alba	Good	8"	x
23	Box Elder	Acer negundo	Good	12"	x
24	Buckthorn	Rhamnus frangula	Good	6"	x
25	Siberian Elm	Ulmus pumila	Fair	14"	x
26	Mulberry	Morus alba	Good	9"	x
27	Siberian Elm	Ulmus pumila	Good	Clump 16", 14", 8"	x
28	Mulberry	Morus alba	Good	6"	x
29	Black Locust	Robinia pseudoacacia	Good	14"	x
30	Black Locust	Robinia pseudoacacia	Good	8"	x
31	Black Locust	Robinia pseudoacacia	Good	7"	x
32	Hackberry	Celtis occidentalis	Good	14"	x
33	Dead		Dead		x
34	Black Locust	Robinia pseudoacacia	Fair	Multi 12", 12", 8"	x
35	Buckthorn	Rhamnus frangula	Fair	6"	x
36	Buckthorn	Rhamnus frangula	Good	6"	x
37	Box Elder	Acer negundo	Fair	3", 4", 2"	x
38	Ash	Fraxinus americana	Good	18"	
39	Ash	Fraxinus americana	Good	22"	x
40	Thornless Honeylocust	Gleditsia triacanthos	Good	24"	
41	Thornless Honeylocust	Gleditsia triacanthos	Good	15"	
42	Thornless Honeylocust	Gleditsia triacanthos	Good	14"	

Total Number of Trees: 42

Tree Preservation Plan Notes:

1. Trees that are in excellent, good or fair condition are to be saved and protected during construction unless it is an undesirable species.

Tree Survey and Rating Assignment Limitations/Definitions:

- Unless otherwise stated all trees are surveyed from ground level using non-invasive visual observation. The disclosure of hidden crown and stem defects, in particular where they may be above a reachable height or covered in ivy or in areas of ground vegetation, or deep snow cannot therefore be expected. The absence of foliage due to fall/winter weather or storm damage may limit the available information.
- Where trees are located wholly or partially on neighboring private land then said land is not accessed and our inspection is therefore restricted to what can reasonably be seen from within the site. Stem diameters of trees located on such land are estimated.
- Where poison ivy is attached to the tree trunk, stem diameters will be estimated.
- Diameter measurements are made at 4.5 feet above the ground (DBH) unless local ordinance requirements dictate different procedures.

Explanation of tree ratings

Good (G)The tree is typical of the species and may have 1 or 2 minor problems that are not imminently lethal to the tree, and no significant decay or structural problems. The tree may need care in order to minimize the impact of future stress and to ensure continued health. Invasive species will not be graded Good, regardless of their current health or structureFair (F)The tree is not typical of the species and/or is an invasive species and/or has significant problems such as ≥ 20 percent deadwood in the crown, serious decay or structural defect, insects, disease or other problems that can be imminently lethal to the tree or create a hazardous tree if not corrected in a short period of time or if the tree is subjected to additional stress.Poor (P)The tree is not typical of the species and/or has over 50 percent deadwood in the crown, major decay or structural problems, is hazardous or is severely involved with insects, disease, or other problems that even if aggressively corrected would not result in the long term survival.Dead (D)The tree is 90 percent or more dead. A scratch test of under bark areas might be performed where branches can be reached. Stumps with live sprouts up to 3" diameter are graded Dead or not included on the mapping.

Jet Brite
590 Kildeer Dr.
Bolingbrook, IL

PROJECT
Jet Brite
375 Roosevelt Road
Glen Ellyn, Illinois 60137

upland design
uplandDesign Ltd
Park Planning and Landscape Architecture
24042 Lockport St, Plainfield, Illinois 60544
815-254-0091 www.uplanddesign.com

SHEET TITLE

**Tree Survey -
North Plan**

SHEET NUMBER **L0.1**

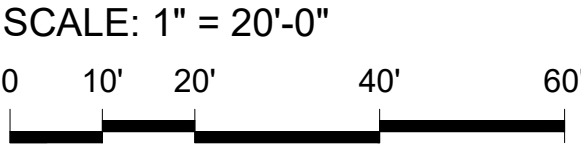
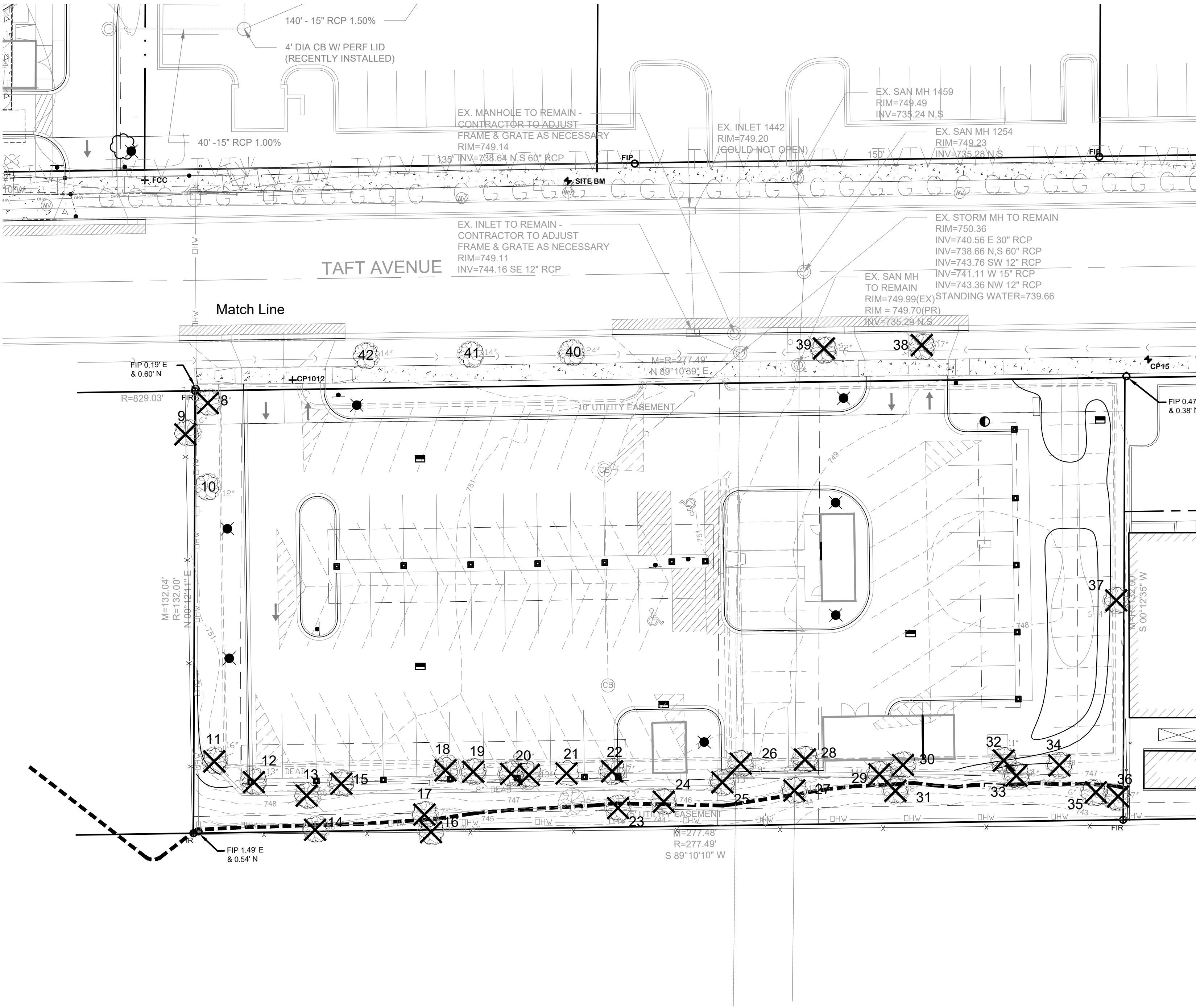
DRAW / REVISION

LD/TD	Permit Submittal	14MAR2019
LD/TD	Permit Resubmittal	22AUG2019
LD/TD/BL	Permit Resubmittal	13JAN2022
LD/TD/BL	Permit Resubmittal	27JAN2022
LD/DW	Permit Resubmittal	09AUG2022
LD/DW	Permit Resubmittal	28SEPT2022
LD/DW	Permit Resubmittal	25OCT2022

Project Number 713
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Remove and properly dispose of trees, stump, and grind root mass to a depth of 18" below existing grade or proposed grade which ever is lowest unless otherwise noted on plan.



Jet Brite
590 Kildeer Dr.
Bolingbrook, IL

PROJECT

Jet Brite

375 Roosevelt Road
Glen Ellyn, Illinois 60137



uplandDesign Ltd

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24042 Lockport St, Plainfield, Illinois 60544
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SHEET TITLE

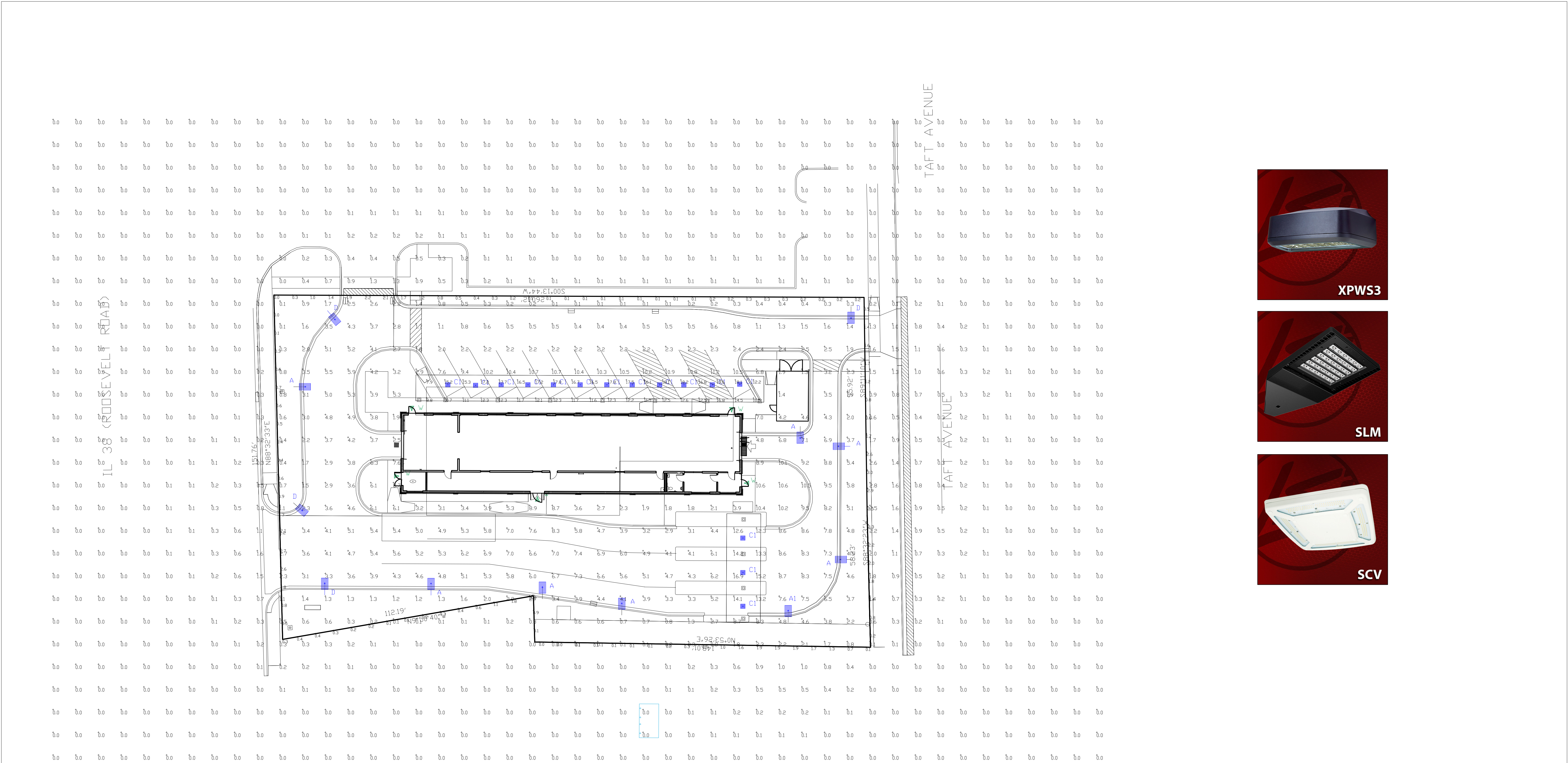
**Tree Survey -
South Plan**

SHEET NUMBER **L0.2**

DRAW / REVISION

LD/TD	Permit Submittal	14MAR2019
LD/TD	Permit Resubmittal	22AUG2019
LD/TD/BL	Permit Resubmittal	13JAN2022
LD/TD/BL	Permit Resubmittal	27JAN2022
LD/DW	Permit Resubmittal	09AUG2022
LD/DW	Permit Resubmittal	29SEPT2022
LD/DW	Permit Resubmittal	25OCT2022

Project Number 713
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Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Description	LLF	Lumens/Lamp	Arr. Lum. Lumens	Arr. Watts	
	7	A	SINGLE	SLM-LED-36L-SIL-FT-40-70CRI-IL-SINGLE-22'POLE+2'BASE DIMMED 50%	0.500	N.A.	23720	286	
	1	A1	SINGLE	SLM-LED-36L-SIL-FT-40-70CRI-IL-SINGLE-22'POLE+2'BASE DIMMED 60%	0.400	N.A.	23720	286	
	15	C1	SINGLE	SCV-LED-10L-SC-40 MTD @ 10' PAY & VACUUM DIMMED 60%	0.400	N.A.	9928	67	
	4	D	SINGLE	SLM-LED-36L-SIL-FT-40-70CRI-IL-SINGLE-22'POLE+2'BASE DIMMED 80%	0.200	N.A.	23720	286	
	5	W	SINGLE	XPWS3-FT-LED-28-350-NW-UE-8' MH	1.000	N.A.	2919	34	

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALL CALC POINTS	Illuminance	Fc	110	16.9	0.0	N.A.	N.A.
PROPERTY LINE	Illuminance	Fc	0.84	3.0	0.0	N.A.	N.A.
VACUUM CANOPY	Illuminance	Fc	14.27	19.6	7.9	1.81	2.48
INSIDE CURB	Illuminance	Fc	4.76	11.2	0.4	11.90	28.00
PAY CANOPY	Illuminance	Fc	12.88	16.9	8.3	1.55	2.04

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

Total Project Watts
Total Watts = 4607

LOWE ALLIANCE INC. CHICAGO, ILL. 60601 USA
2020 P90-3000 & P90-3000-002

LIGHTING PROPOSAL

LD-148678-10

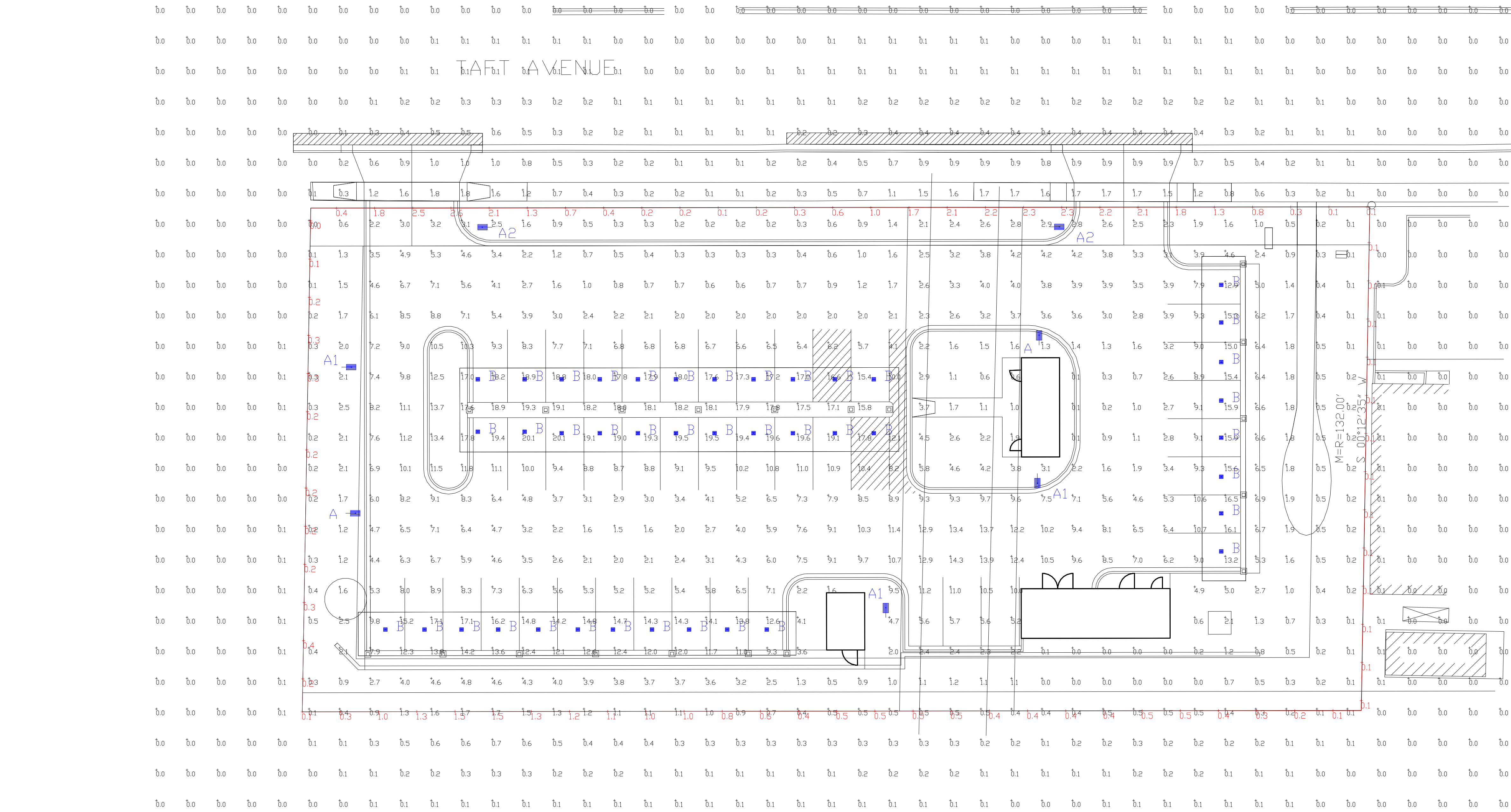
JET BRITE
375 ROOSEVELT RD
GLEN ELLYN, IL

BY MVE
DATE 8/12/19
REV 11-09-22
SHEET 1 OF 1

SCALE: 1"=20'

0

20



Luminaire Schedule										
Symbol	Qty	Label	Arrangement	Description	LLD	LDD	LLF	Arr. Lum. Lumens	Arr. Watts	
	2	A	SINGLE	SLM-LED-36L-SIL-FT-40-70CRI-IL-SINGLE-22'POLE+2'BASE DIMMED 50%	0.500	1.000	0.500	23720	286	
	3	A1	SINGLE	SLM-LED-36L-SIL-FT-40-70CRI-IL-SINGLE-22'POLE+2'BASE ON FULL	1.000	1.000	1.000	23720	286	
	2	A2	SINGLE	SLM-LED-36L-SIL-FT-40-70CRI-IL-SINGLE-22'POLE+2'BASE TURNED OFF	1.000	1.000	1.000	23720	286	
	41	B	SINGLE	SCV-LED-10L-SC-40 MTD @ 10' DIMMED 70%	1.000	1.000	0.300	9928	67	

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALL CALC POINTS	Illuminance	Fc	2.72	20.1	0.0	N.A.	N.A.
PROPERTY LINE	Illuminance	Fc	0.69	2.6	0.0	N.A.	N.A.
BOTTOM VACUUM STALLS	Illuminance	Fc	13.23	17.1	7.9	1.67	2.16
CENTER VACUUM STALLS	Illuminance	Fc	17.93	20.1	10.0	1.79	2.01
INSIDE CURB	Illuminance	Fc	5.43	14.3	0.2	27.15	71.50
RIGHT VACUUM STALLS	Illuminance	Fc	15.18	16.5	12.9	1.18	1.28

PHOTOMETRIC EVALUATION
NOT FOR CONSTRUCTION

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.



Total Project Watts
Total Watts = 4177



LIGHTING PROPOSAL LD-155083-5

JET BRITE CAR WASH
401 TAFT AVENUE
GLEN ELLYN, IL

BY: MVE DATE: 01-10-22 REV: 01-09-22 SHEET 1 OF 1

SCALE: 1"=16'

0 16



Catalog #: _____ Project: _____

Prepared By: _____ Date: _____ Type: _____

Scottsdale Vertex™ (SCV)

Petroleum Canopy LED Luminaire

**IP66**

OVERVIEW

Lumen Package	9,000 - 23,000
Wattage Range	67 - 188
Efficacy Range (LPW)	109 - 154
Weight lbs(kg)	18.5 (8.4)

QUICK LINKS

[Ordering Guide](#)[Performance](#)[Photometrics](#)[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Rugged low-profile die-cast aluminum housing, optical unit, and driver cover.
- Below canopy access to optical chamber and driver housing for serviceability.
- IP66 rated luminaire protects integral components from dust and water.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling.
- Four fasteners secure the door frame to housing. Door frame also provides quick and easy access to the electrical compartment for servicing.
- Shipping weight: 18.5 lbs in carton.

Optical System

- Symmetrical distribution utilizes a clear tempered flat glass lens to uniformly illuminate the area under the gas canopy.
- Combination Forward Throw distribution uses clear tempered flat glass and optical grade PMMA acrylic lens to create an industry leading unique distribution pattern to illuminate the area under the gas canopy and the area between the gas canopy and convenience store eliminating the need for extra floodlights.
- Available in 5000K, 4000K and 3000K color temperatures.
- Minimum CRI of 80.

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 2)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F) when mounted to Steel/ Aluminum surfaces for 10L, 13L, & 15L Lumen Packages, +45°C for 20L Lumen Package, and +35°C for 23L Lumen Package. If mounted to a non-metallic surface, reduce ambient by 5°C.
- Power factor: >0.90
- Field replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs are mounted to (4) circuit boards to maximize heat dissipation
- Driver components are fully encased in potting material for moisture resistance. Driver complies with FCC standards.

Hazardous Location

- Designed for lighter than air fuel applications. Product is suitable for Class 1 Division 2 with all lumen packages and distributions only when properly installed per LSI installation instructions. Models with optional controls are not approved for Class 1, Division 2 applications.
- Gas Groups A,B,C, and D** – Group A: Acetylene / Group B: Hydrogen / Group C: Propane and Ethylene / Group D: Benzene, Butane, Methane & Propane.

Installation

- Installs in a 12" or 16" deck pan.
- Four fasteners are provided for use in single deck steel canopies. Other suitable fasteners may be required and provided by others.
- Unit is designed to quickly retrofit into existing Scottsdale (4") hole.
- Aluminum locking collar and gasket are included and required for complete seal and support of canopy deck.
- Retrofit panels are available for existing Encores, Richmond, 2x2 Universal, and more.
- Direct mount to surface or recessed J box with hardware bracket kit ordered separately as an accessory.

Warranty

- LSI LED Fixtures carry a 5-year warranty or 10-year warranty with registration for petroleum applications only (contact your LSI representative for details).

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- State of California Title 24 Compliant with IMSBT or ALSC/ALSCS option.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- IDA compliant with 3000K or lower color temperature.





ORDERING GUIDE

[Back to Quick Links](#)TYPICAL ORDER EXAMPLE: **SCV LED 13L SC UNV DIM 50 WHT IMSBT2**

Family / Size	LED Gen	Lumen Package	Distribution	Voltage	Driver	Color Temperature	Finish	Options
SCV - Petroleum Canopy Luminaire	LED	10L - 10000 Lumens 13L - 13000 Lumens 15L - 15000 Lumens 20L - 20000 Lumens 23L - 23000 Lumens Custom Lumen Packages ⁴	SC - Standard Symmetric	UNV - 120-277V HV - 347-480V	DIM - Dims to 10% (0 to 10V dimming)	50 - 5,000K 40 - 4,000K 30 - 3,000K	WHT - White BLK - Black BRZ - Bronze	Blank - NONE
		23L - 23000 Lumens	SCFT - Combination Standard Symmetric and Forward Throw ⁵					ALSC - AirLink Synapse Wireless Control System ALSCS - AirLink Synapse Wireless Control System with Sensor ALBCS1 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' mounting height) ALBCS2 - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' mounting height) IMSBT1 - Integral Bluetooth™ Motion and Photocell Sensor 8 - 24' mounting height ¹ IMSBT2 - Integral Bluetooth™ Motion and Photocell Sensor 25 - 40' mounting height ¹ HL - Hazardous Location Class 1 Div 2 ⁵

Accessory Ordering Information

Description	Part Number	Description	Part Number
Retrofit Panel Kit - EC / ECTA / SCF to SCV, for 16" Deck Panel with larger openings ²	673425R2	Junction Box	687461
Retrofit Panel Kit - EC / ECTA / SCF to SCV, for 12" Deck Panel ³	676011R2	Kit - Hole Plugs and Sealant (enough for 25 retrofits)	1320540
Retrofit Panel Kit - RECU Richmond to SCV	673426R2	Rectangular Top Plate Kit (includes top plate and sealant)	678291R2WHT
Retrofit Panel Kit - UNV Universal 2x2 to SCV	673427R2	Surface Mount Box	673433R2
Retrofit 2x2 Cover Panel Blank (no holes)	357282	Retrofit Kit - CRU/CRUS to SCV	687462R2
Retrofit RIC Cover Panel Blank (no holes)	354702	Retrofit Kit for SCM/SCV to upgrade SC/SCF/EC/ECTA White	744333
26" X 26" Beauty Plate Kit (with 4" Center hole)	557193WHT	BRKT SCM / SCV DIRECT MNT W/ HDWR	752172R2
26" X 32" Beauty Plate Kit (with 4" Center hole)	564160WHT		

FOOTNOTES:

1 - IMSBT is field configurable via the LSI app that can be downloaded from your smartphone's native app store.

2 - Ideal for 9" to 12" openings.

3 - Ideal for 9" openings.

4 - Custom lumen and wattage packages available consult factory. Values are within industry standard tolerances but not DLC listed.

5 - HL not compatible with AirLink or IMSBT controls or 3000K color temperature.



**PERFORMANCE**

DELIVERED LUMENS*										
Drive Current	3000K CCT			4000K CCT			5000K CCT			Wattage
	Delivered Lumens	Efficiency	BUG Ratings	Delivered Lumens	Efficiency	BUG Ratings	Delivered Lumens	Efficiency	BUG Ratings	
10L	9652	144	B3-U0-G1	9928	148	B3-U0-G1	10317	154	B3-U0-G1	67
13L	12567	140	B3-U0-G1	12927	144	B3-U0-G1	13443	149	B3-U0-G1	90
15L	13999	137	B3-U0-G1	14399	141	B3-U0-G1	14963	147	B3-U0-G1	102
20L	18755	141	B4-U0-G1	19598	147	B4-U0-G1	20234	152	B4-U0-G1	133
23L	21783	141	B4-U0-G2	22406	145	B4-U0-G2	23284	150	B4-U0-G2	155
23L (SCFT)	20886	111	B3-U0-G3	23187	123	B4-U0-G3	23101	123	B3-U0-G3	188

*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA - Current draw in AMPS*							
Lumen Level	Wattage	120V	208V	240V	277V	347V	480V
10L	67	0.56	0.32	0.28	0.24	0.19	0.14
13L	90	0.75	0.43	0.37	0.32	0.26	0.19
15L	102	0.85	0.49	0.42	0.37	0.29	0.21
20L	133	1.1	0.64	0.55	0.48	0.38	0.28
23L (SC)	155	1.29	0.75	0.65	0.56	0.45	0.32
23L (SCFT)	188	1.57	0.9	0.78	0.68	0.54	0.39

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

RECOMMENDED LUMEN MAINTENANCE - SCV 15L SC¹					
Ambient Temperature C	Lumen Multiplier				
	Initial ²	25k hr ²	50k hr ²	75k hr ³	100k hr ³
25	102%	97%	92%	88%	84%
30	102%	97%	92%	88%	84%
35	102%	97%	92%	88%	84%
40	102%	97%	92%	88%	84%
45	101%	95%	91%	86%	81%
50	101%	95%	90%	85%	80%

RECOMMENDED LUMEN MAINTENANCE - SCV 23 SC¹					
Ambient Temperature C	Lumen Multiplier				
	Initial ²	25k hr ²	50k hr ²	75k hr ³	100k hr ³
25	102%	97%	92%	88%	84%
30	102%	97%	92%	88%	84%
35	102%	97%	92%	88%	84%
40	101%	96%	91%	86%	82%

RECOMMENDED LUMEN MAINTENANCE - SCV 23 SCFT¹					
Ambient Temperature C	Lumen Multiplier				
	Initial ²	25k hr ²	50k hr ²	75k hr ³	100k hr ³
25	105%	88%	73%	61%	51%
30	105%	80%	61%	47%	36%
35	105%	70%	47%	32%	21%

1. Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
2. In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).
3. In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).



**PHOTOMETRICS**[Back to Quick Links](#)

Luminaire photometry has been conducted by an accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

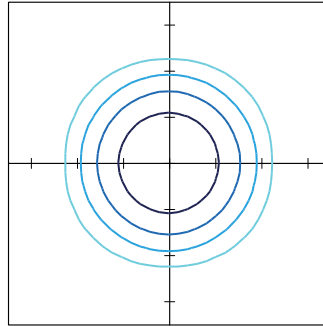
See <http://www.lsi-industries.com/products/led-lighting-solutions.aspx> for detailed photometric data.

SCV-LED-15L-SC-50**Luminaire Data**

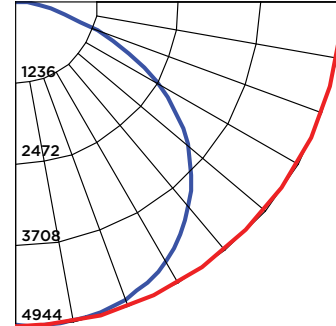
Wide Distribution	
Description	5000 Kelvin, 80 CRI
Delivered Lumens	15,410
Watts	103
Efficacy	150
IES Type	Type VS - Very Short
BUG Rating	B3-U0-G1

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	4101.6	26.6%
Medium (30-60)°	8386.4	54.4%
High (60-80)°	2748.8	17.8%
Very High (80-90)°	173.4	1.1%
Uplight (90-180)°	0.0	0.0%
Total Flux	15410.2	100%

ISOFOOT CANDLE PLOT

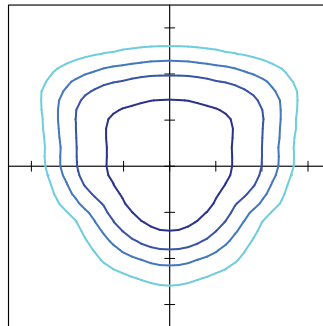
15' Mounting Height / 15' Grid Spacing

 5 FC
 2 FC
 1 FC
 0.5 FC
POLAR CURVE**SCV-LED-23L-SCFT-50****Luminaire Data**

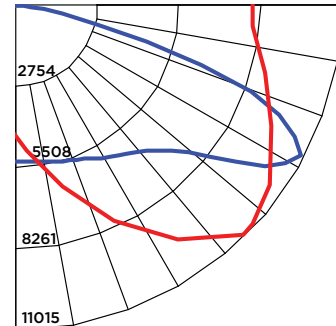
Wide Distribution	
Description	5000 Kelvin, 80 CRI
Delivered Lumens	24,361
Watts	191.5
Efficacy	127
IES Type	Type IV - Short
BUG Rating	B3-U0-G3

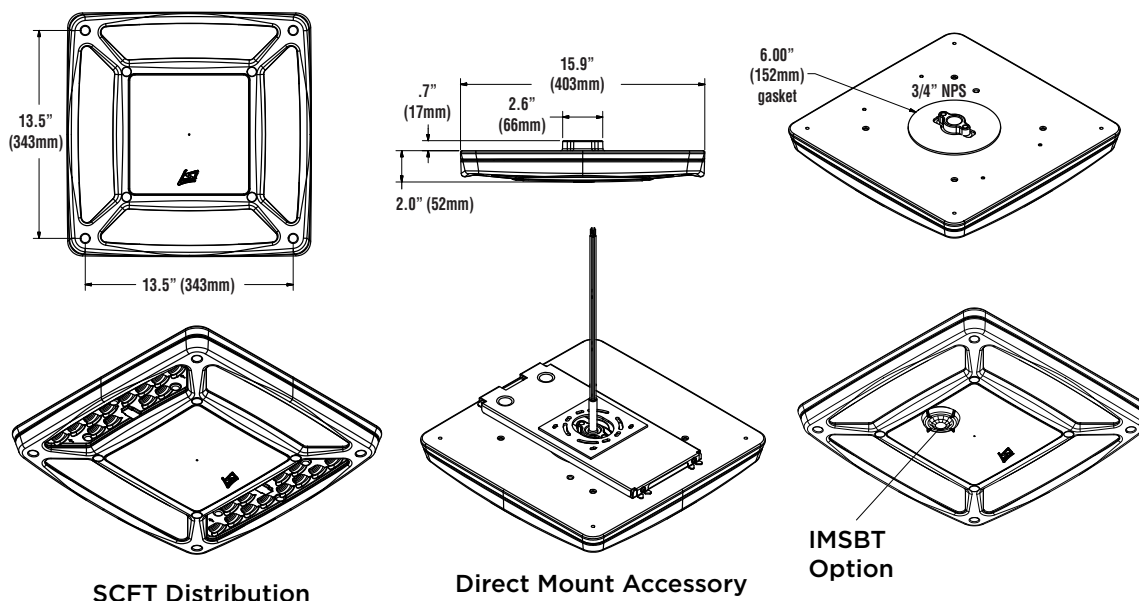
Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	4368.4	17.9%
Medium (30-60)°	12592.5	51.7%
High (60-80)°	6960.6	28.6%
Very High (80-90)°	439.5	1.8%
Uplight (90-180)°	0.0	0.0%
Total Flux	24361.0	100%

ISOFOOT CANDLE PLOT

15' Mounting Height / 15' Grid Spacing

 5 FC
 2 FC
 1 FC
 0.5 FC
POLAR CURVE

**PRODUCT DIMENSIONS**[Back to Quick Links](#)**CONTROLS****AirLink Wireless Lighting Controller**

The AirLink integrated controller is a California Title 24 compliant lighting controller that provides real-time light monitoring and control with utility-grade power monitoring. It includes a 24V sensor input and power supply to connect a sensor into the outdoor AirLink wireless lighting system.

The wireless integrated controller is compatible with this fixture.

Click the link below to learn more details about AirLink.

<https://www.lsicorp.com/wp-content/uploads/documents/products/airlink-outdoor-specsheet.pdf>

Integral Bluetooth™ Motion and Photocell Sensor (IMSBT)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is rated for cold and wet locations (-30° C to 70° C). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

Click the link below to learn more details about IMSBT.

<https://www.lsicorp.com/wp-content/uploads/documents/products/imsbt-specsheet.pdf>

AirLink™ Blue

Wireless Bluetooth Mesh Lighting Control System that provides energy savings, code compliance and enhanced safety/security. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into luminaires.

Click the link below to learn more details about AirLink Blue.

<https://www.lsicorp.com/product/airlink-blue/>

RETROFIT KITS

LSI Industries offers a full line of Retrofit Kits for existing Encore, Richmond, 2x2 Universal and many more older canopy luminaires.

Click the link below to see more details on all our Retrofit Kits.

<https://www.lsicorp.com/wp-content/uploads/all/scv-petro-retrofit-specsheet.pdf>





Catalog #: _____ Project: _____

Prepared By: _____ Date: _____ Type: _____

Slice Medium (SLM)

Outdoor LED Area Light



IP66



IK08



OVERVIEW

Lumen Package	9,000 - 48,000
Wattage Range	63 - 401
Efficacy Range (LPW)	112 - 156
Weight lbs(kg)	30 (13.6)

QUICK LINKS

[Ordering Guide](#)[Performance](#)[Photometrics](#)[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- 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 seal.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in distribution 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 (IH) options available for improved backlight control without sacrificing street side performance. See page 3 for more details.

Electrical

- High-performance driver features overvoltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- 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
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. 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.

Installation

- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
- Included terminal block accepts up to 12 ga. wire.
- Utilizes LSI's traditional B3 drill pattern. (See drawing on page 9)

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsiindustries.com/resources/terms-and-warranty.aspx> for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; with 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP66 rated Luminaire per IEC 60598-1.
- 3G rated for ANSI C136.31 high vibration applications applications are qualified.
- IK08 rated luminaire per IEC 66262 mechanical impact code.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- Patented Silicone Optics (US Patent NO. 10,816,165 B2)





Slice Medium Outdoor LED Area Light

ORDERING GUIDE

[Back to Quick Links](#)TYPICAL ORDER EXAMPLE: **SLM LED 36L SIL FTA UNV DIM 50 70CRI ALSCS04 BRZ IL**

Luminaire Prefix	Light Source	Lumen Package	Light Output	Distribution	Orientation ²	Voltage	Driver
SLM - Slice Medium	LED	9L - 9,000 lms 12L - 12,000 lms 18L - 18,000 lms 24L - 24,000 lms 30L - 30,000 lms 36L - 36,000 lms 42L - 42,000 lms 48L - 48,000 lms Custom Lumen Packages ¹	SIL - Silicone	2 - Type 2 3 - Type 3 5W - Type 5 Wide FT - Forward Throw FTA - Forward Throw Automotive AM - Automotive Merchandise	(blank) - standard (no rotation) 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	Controls (Choose One)	Finish	Options
50 - 5,000 CCT 40 - 4,000 CCT 30 - 3,000 CCT AMB - Phosphor Converted Amber ¹¹	70CRI - 70 CRI	(Blank) - None Wireless Controls System ALSC - AirLink Synapse Control System ALSCS02 - AirLink Synapse Control System with 12-20' Motion Sensor ALSCS04 - AirLink Synapse Control System with 20-40' Motion Sensor ALBCS1 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' mounting height) ALBCS2 - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' mounting height) Stand-Alone Controls EXT - 0-10V Dimming leads extended to housing exterior CR7P - 7 Pin Control Receptacle ANSI C136.41 ⁵ IMSBT1 - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH) ⁴ IMSBT2 - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH) ⁴ Button Type Photocells PCI120 - 120V PCI208-277 - 208 -277V PCI347 - 347V	BLK - Black BRZ - Dark Bronze GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	(Blank) - None IH - Integral Houseside Shield ² IL - Integral Louver (Sharp Spill Light Cutoff) ²

Accessories Ordering Information⁶

Controls Accessories	
Description	Order Number
Twist Lock Photocell (120V) for use with CR7P ⁷	122514
Twist Lock Photocell (208-277) for use with CR7P ⁷	122515
Twist Lock Photocell (347V) for use with CR7P ⁷	122516
Twist Lock Photocell (480V) for use with CR7P ⁷	1225180
AirLink 5 Pin Twist Lock Controller ⁷	61409
AirLink 7 Pin Twist Lock Controller ⁷	661410
Pole-Mounted Occupancy Sensor (24V)	663284CLR ⁸
Shorting Cap for use with CR7P ⁷	14932

Fusing Options ¹⁰		Shielding Options	
Description	Order Number		
Single Fusing (120V)	See Fusing Accessory Guide	Mirada Small	See Shielding Guide
Single Fusing (277V)		Mirada Medium	
Double Fusing (208V, 240V)		Mirada Large	
Double Fusing (480V)		Zone Medium	
Double Fusing (347V)		Zone Large	
		Slice Medium	

Mounting Accessories ⁸	
Description	Order Number
Round Pole Adapter (3" Round/Tapered Poles)	408273CLR
Round Pole Adapter (4" Round Poles)	379967CLR
Round Pole Adapter (5" Round Poles)	379968CLR
Universal Mounting Bracket	684616CLR
Adjustable Slip Fitter (2" - 2 3/8" Tenon)	688138CLR
Quick Mount Pole Bracket (Square Pole)	687073CLR
Quick Mount Pole Bracket (4-5" Round Pole)	689903CLR
15 Tilt Quick Mount Pole Bracket (Square Pole)	688003CLR
15 Tilt Quick Mount Pole Bracket (4-5" Round Pole)	689905CLR
Wall Mount Bracket	382132CLR
Wood Pole Bracket (6" Minimum Pole Diameter)	751219CLR

Shielding & Miscellaneous Accessories	
Description	Order Number
Integral Louver/Shield	684812
Internal Houseside Shield	743414
10' Linear Bird Spike Kit (6' Recommended per Luminaire)	751632

FOOTNOTES:

- Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
- Not available on "Type 5W" distribution.
- Consult factory for availability.
- IMSBT is field configurable via the LSI app that can be downloaded from your smartphone's native app store.
- Control device or shorting cap must be ordered separately. See Accessory Ordering Information.

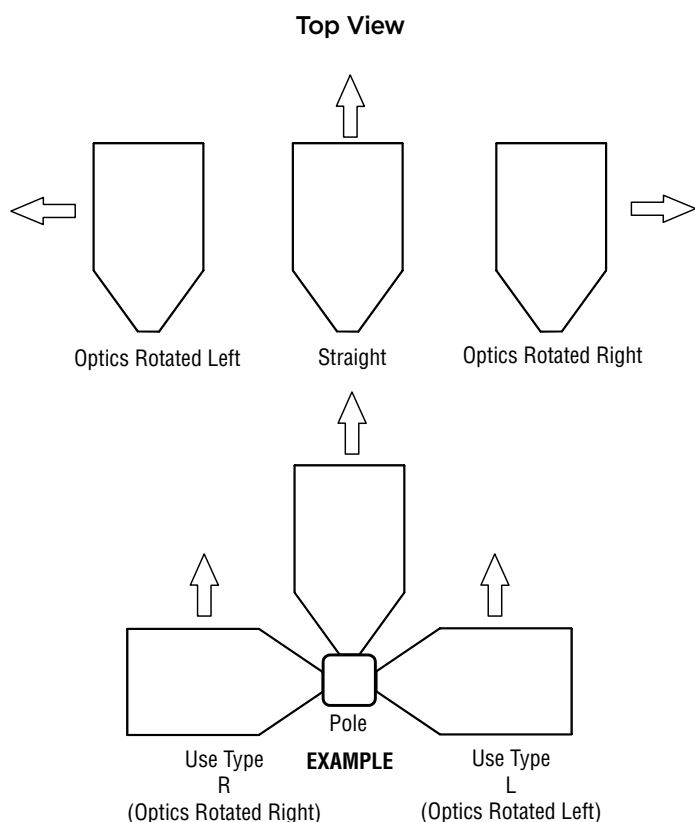
- Accessories are shipped separately and field installed.
- Fusing must be located in hand hole of pole.
- "CLR" denotes finish. See Finish options.
- Only available with ALSC/ALSCH control options.
- Fusing must be located in hand hole of pole. See [Fusing Accessory Guide](#) for compatibility.
- Only available in 9L and 12L Lumen Packages. Consult factory for lead time and availability.





Slice Medium Outdoor LED Area Light

OPTICS ROTATION



ACCESSORIES/OPTIONS

Integral Louver (IL) and House-Side Shield (IH)

Accessory louver and shield available for improved backlight control without sacrificing street side performance. LSI's Integral Louver (L) and Integral House-Side Shield (IH) options deliver backlight control that significantly reduces spill light behind the poles for applications with pole locations close to adjacent properties. The design maximizes forward reflected light while reducing glare, maintaining the optical distribution selected, and most importantly eliminating light trespass. Both options rotate with the optical distribution.

Luminaire Shown with
Integral Louver (IL)



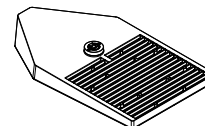
Luminaire Shown with
IMSBT Option



7 Pin Photoelectric Control

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

Fixture Shown with CR7P





Slice Medium Outdoor LED Area Light

PERFORMANCE

[Back to Quick Links](#)

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	
9L	2	70	9411	149	B2-U0-G2	9603	152	B2-U0-G2	9603	152	B2-U0-G2	63
	3		9548	152	B2-U0-G2	9743	155	B2-U0-G2	9743	155	B2-U0-G2	
	5W		9261	147	B3-U0-G2	9450	150	B3-U0-G2	9450	150	B3-U0-G2	
	FT		9464	150	B2-U0-G2	9657	153	B2-U0-G2	9657	153	B2-U0-G2	
	FTA		9531	151	B2-U0-G2	9725	154	B2-U0-G2	9725	154	B2-U0-G2	
	AM		9649	153	B2-U0-G1	9845	156	B2-U0-G1	9845	156	B2-U0-G1	
12L	2	70	12533	147	B3-U0-G2	12788	150	B3-U0-G2	12788	150	B3-U0-G2	85
	3		12714	150	B2-U0-G2	12974	153	B2-U0-G2	12974	153	B2-U0-G2	
	5W		12333	145	B4-U0-G2	12584	148	B4-U0-G2	12584	148	B4-U0-G2	
	FT		12603	148	B2-U0-G2	12861	151	B2-U0-G2	12861	151	B2-U0-G2	
	FTA		12692	149	B3-U0-G2	12950	152	B3-U0-G2	12950	152	B3-U0-G2	
	AM		12848	151	B3-U0-G1	13111	154	B3-U0-G2	13111	154	B3-U0-G2	
18L	2	70	18421	136	B3-U0-G3	18797	139	B3-U0-G3	18797	139	B3-U0-G3	135
	3		18691	138	B3-U0-G3	19072	141	B3-U0-G3	19072	141	B3-U0-G3	
	5W		18128	134	B4-U0-G2	18498	137	B4-U0-G2	18498	137	B4-U0-G2	
	FT		18526	137	B3-U0-G3	18904	140	B3-U0-G3	18904	140	B3-U0-G3	
	FTA		18656	138	B3-U0-G3	19037	141	B3-U0-G3	19037	141	B3-U0-G3	
	AM		18886	140	B3-U0-G2	19271	143	B3-U0-G2	19271	143	B3-U0-G2	
24L	2	70	24847	141	B4-U0-G3	25354	144	B4-U0-G3	25354	144	B4-U0-G3	176
	3		25210	143	B3-U0-G4	25724	146	B3-U0-G4	25724	146	B3-U0-G4	
	5W		24451	139	B5-U0-G3	24950	142	B5-U0-G3	24950	142	B5-U0-G3	
	FT		24987	142	B3-U0-G4	25497	145	B3-U0-G4	25497	145	B3-U0-G4	
	FTA		25162	143	B4-U0-G3	25676	146	B4-U0-G3	25676	146	B4-U0-G3	
	AM		25473	145	B3-U0-G2	25993	148	B3-U0-G2	25993	148	B3-U0-G2	
30L	2	70	31109	134	B4-U0-G3	31743	137	B4-U0-G3	31743	137	B4-U0-G3	232
	3		31562	136	B4-U0-G4	32206	139	B4-U0-G4	32206	139	B4-U0-G4	
	5W		30612	132	B5-U0-G3	31237	135	B5-U0-G3	31237	135	B5-U0-G3	
	FT		31283	135	B4-U0-G4	31921	138	B4-U0-G4	31921	138	B4-U0-G4	
	FTA		31503	136	B4-U0-G3	32146	139	B4-U0-G3	32146	139	B4-U0-G3	
	AM		31892	137	B3-U0-G3	32543	140	B4-U0-G3	32543	140	B4-U0-G3	
36L	2	70	36846	129	B4-U0-G3	37597	131	B4-U0-G3	37597	131	B4-U0-G3	286
	3		37383	131	B4-U0-G4	38146	133	B4-U0-G4	38146	133	B4-U0-G4	
	5W		36258	127	B5-U0-G4	36998	129	B5-U0-G4	36998	129	B5-U0-G4	
	FT		37052	130	B4-U0-G4	37808	132	B4-U0-G4	37808	132	B4-U0-G4	
	FTA		37313	130	B4-U0-G4	38075	133	B4-U0-G4	38075	133	B4-U0-G4	
	AM		37774	132	B4-U0-G3	38545	135	B4-U0-G3	38545	135	B4-U0-G3	
42L	2	70	42623	121	B5-U0-G4	43492	124	B5-U0-G4	43492	124	B5-U0-G4	352
	3		43245	123	B4-U0-G5	44127	125	B4-U0-G5	44127	125	B4-U0-G5	
	5W		41943	119	B5-U0-G4	42799	122	B5-U0-G4	42799	122	B5-U0-G4	
	FT		42863	122	B4-U0-G5	43737	124	B4-U0-G5	43737	124	B4-U0-G5	
	FTA		43163	123	B5-U0-G4	44044	125	B5-U0-G4	44044	125	B5-U0-G4	
	AM		43696	124	B4-U0-G3	44588	127	B4-U0-G3	44588	127	B4-U0-G3	
48L	2	70	45975	114	B5-U0-G4	46914	116	B5-U0-G4	46914	116	B5-U0-G4	401
	3		46646	115	B4-U0-G5	47598	118	B4-U0-G5	47598	118	B4-U0-G5	
	5W		45243	112	B5-U0-G4	46166	114	B5-U0-G4	46166	114	B5-U0-G4	
	FT		46235	114	B4-U0-G5	47178	116	B4-U0-G5	47178	116	B4-U0-G5	
	FTA		46559	115	B5-U0-G4	47509	117	B5-U0-G4	47509	117	B5-U0-G4	
	AM		47134	116	B4-U0-G3	48096	119	B4-U0-G3	48096	119	B4-U0-G3	

Slice Medium Outdoor LED Area Light

PERFORMANCE (CONT.)

ELECTRICAL DATA (AMPS)*						
Lumens	120V	208V	240V	277V	347V	480V
9L	0.53	0.30	0.26	0.23	0.18	0.13
12L	0.71	0.41	0.35	0.31	0.24	0.18
18L	1.13	0.65	0.56	0.49	0.39	0.28
24L	1.47	0.85	0.73	0.64	0.51	0.37
30L	1.93	1.12	0.97	0.84	0.67	0.48
36L	2.38	1.38	1.19	1.03	0.82	0.60
42L	2.93	1.69	1.47	1.27	1.01	0.73
48L	3.4	1.9	1.7	1.5	1.2	.8

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

FOOTNOTES:

1. Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing.
2. In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.
3. In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing.

RECOMMENDED LUMEN MAINTENANCE¹ (9-18L)					
Ambient	Initial²	25h²	50hr²	75hr²	100hr²
0 C	100%	97%	94%	90%	87%
10 C	100%	97%	94%	90%	87%
20 C	100%	97%	94%	90%	87%
25 C	100%	97%	93%	90%	86%
30 C	100%	97%	93%	89%	86%
40 C	100%	97%	92%	88%	84%
50 C	100%	96%	91%	87%	83%

RECOMMENDED LUMEN MAINTENANCE¹ (24-48L)					
C	0 hrs.²	25 hrs.²	50 hrs.²	75 hrs.²	100 hrs.²
0 C - 25 C	100%	95%	89%	84%	79%
40 C	100%	94%	87%	80%	74%

PHOTOMETRICS

[Back to Quick Links](#)

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

See <http://www.lsicorp.com/products/led-lighting-solutions.aspx> for detailed photometric data.

SLM-LED-30L-SIL-2-40-70CRI

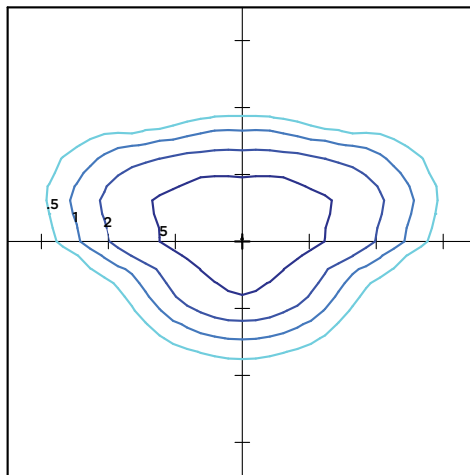
LUMINAIRE DATA

Type 2 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	31,743
Watts	232
Efficacy	137
IES Type	Type II - Short
BUG Rating	B4-U0-G3

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	4953	16%
Medium (30-60)°	19157	60%
High (60-80)°	7350	23%
Very High (80-90)°	284	1%
Uplight (90-180)°	0	0%
Total Flux	31743	100%

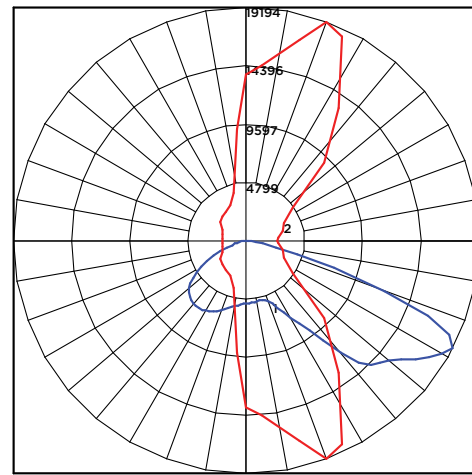
ISO FOOTCANDLE



25' Mounting Height/ 25' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

POLAR CURVE





Slice Medium Outdoor LED Area Light

PHOTOMETRICS (CONT.)

SLM-LED-30L-SIL-3-40-70CRI

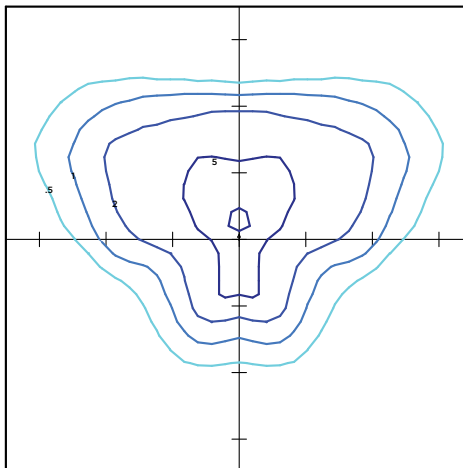
LUMINAIRE DATA

Type 3 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	32,206
Watts	232
Efficacy	139
IES Type	Type III - Short
BUG Rating	B4-U0-G4

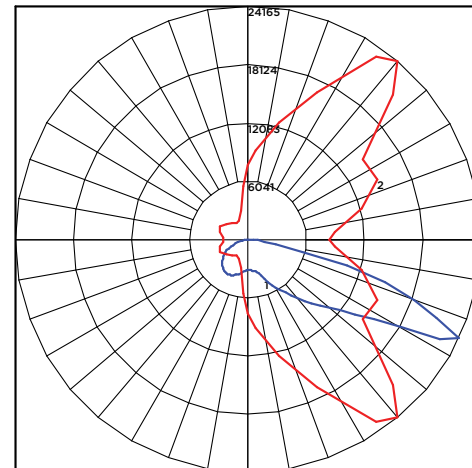
Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	3408	11%
Medium (30-60)°	16397	51%
High (60-80)°	11868	37%
Very High (80-90)°	533	2%
Uplight (90-180)°	0	0%
Total Flux	32206	100%

ISO FOOTCANDLE



POLAR CURVE



25' Mounting Height/ 25' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

SLM-LED-30L-SIL-FT-40-70CRI

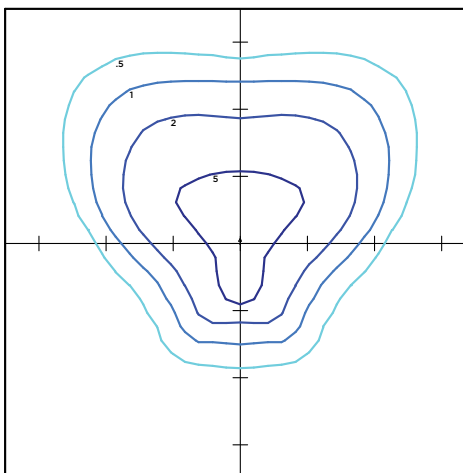
LUMINAIRE DATA

Type FT Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	31,921
Watts	232
Efficacy	138
IES Type	Type IV - Short
BUG Rating	B4-U0-G4

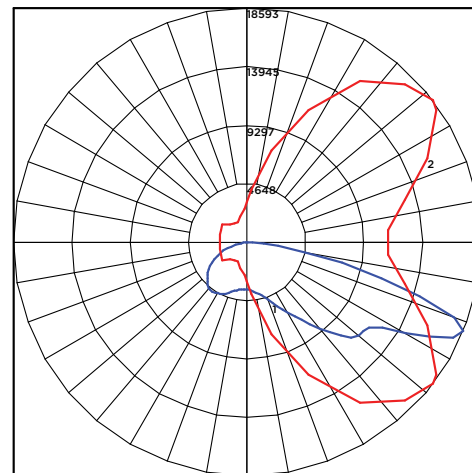
Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	3874	12%
Medium (30-60)°	15694	49%
High (60-80)°	11696	37%
Very High (80-90)°	657	2%
Uplight (90-180)°	0	0%
Total Flux	31921	100%

ISO FOOTCANDLE



POLAR CURVE



25' Mounting Height/ 25' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC





Slice Medium Outdoor LED Area Light

PHOTOMETRICS (CONT.)

SLM-LED-30L-SIL-5W-40-70CRI

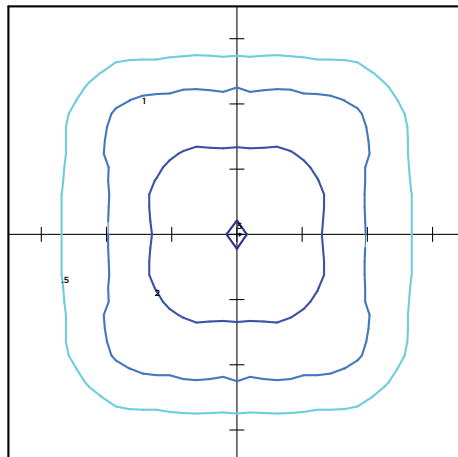
LUMINAIRE DATA

Type 5W Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	31,237
Watts	232
Efficacy	135
IES Type	Type IV - Short
BUG Rating	B5-U0-G3

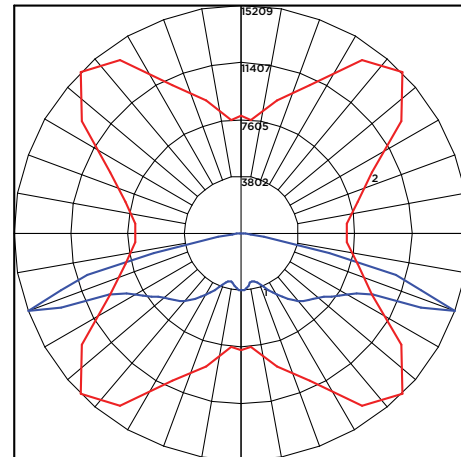
Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	3186	10%
Medium (30-60)°	13594	44%
High (60-80)°	14195	45%
Very High (80-90)°	261	1%
Uplight (90-180)°	0	0%
Total Flux	31237	100%

ISO FOOTCANDLE



POLAR CURVE



25' Mounting Height/ 25' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

SLM-LED-30L-SIL-FTA-40-70CRI

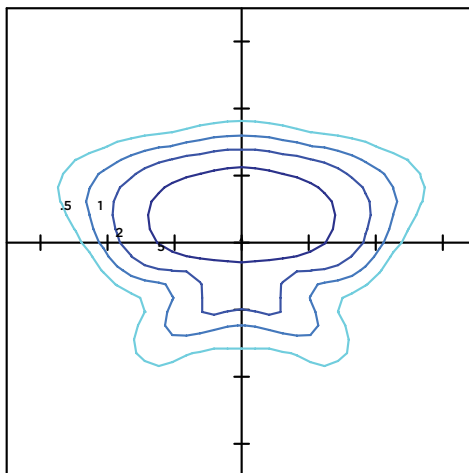
LUMINAIRE DATA

Type FTA Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	32,146
Watts	232
Efficacy	139
IES Type	Type I - Very Short
BUG Rating	B4-U0-G3

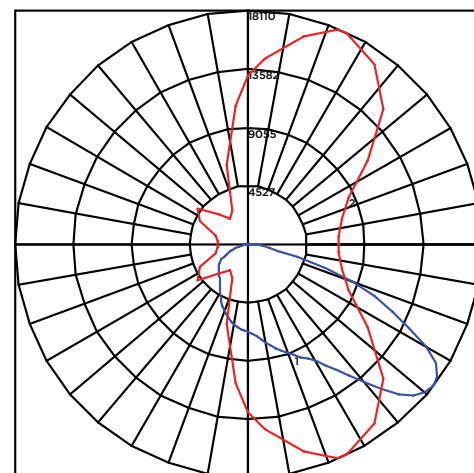
Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	7371	23%
Medium (30-60)°	18710	58%
High (60-80)°	5624	17%
Very High (80-90)°	441	1%
Uplight (90-180)°	0	0%
Total Flux	32146	100%

ISO FOOTCANDLE



POLAR CURVE



25' Mounting Height/ 25' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC





Slice Medium Outdoor LED Area Light

PHOTOMETRICS (CONT.)

SLM-LED-30L-SIL-AM-40-70CRI

LUMINAIRE DATA

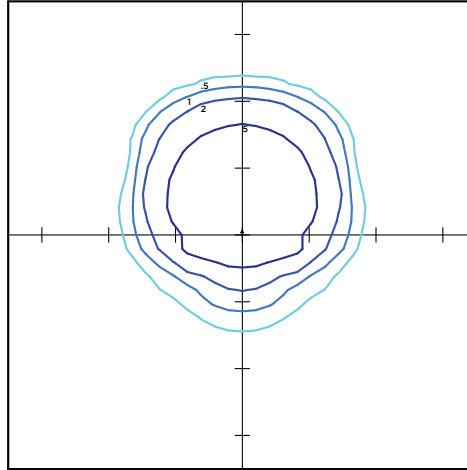
Type AM Distribution

Description	4000 Kelvin, 70 CRI
Delivered Lumens	32,543
Watts	232
Efficacy	140
IES Type	Type III - Very Short
BUG Rating	B4-U0-G3

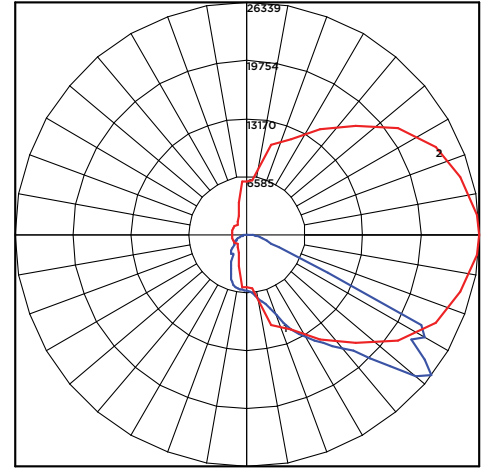
Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	6390	9%
Medium (30-60)°	20951	43%
High (60-80)°	4838	48%
Very High (80-90)°	365	1%
Uplight (90-180)°	0	0%
Total Flux	32543	100%

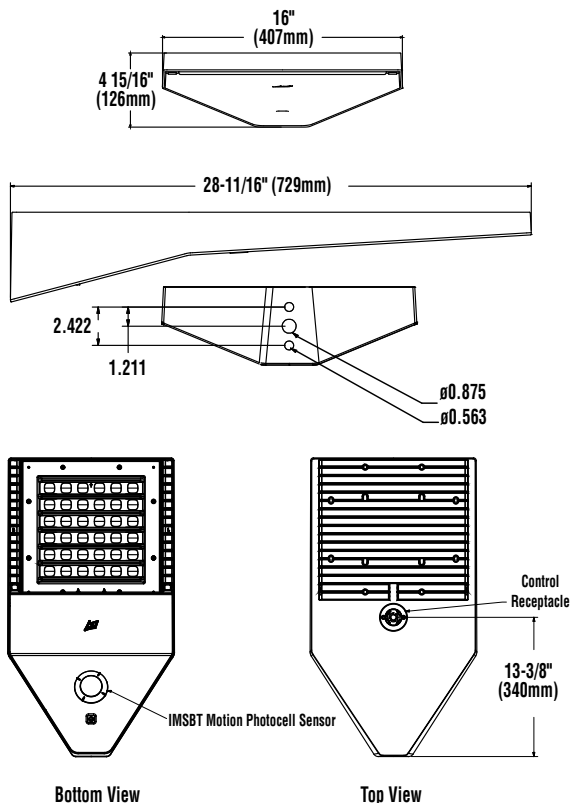
ISO FOOTCANDLE



POLAR CURVE

**25' Mounting Height/ 25' Grid Spacing****■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC**

PRODUCT DIMENSIONS

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LUMINAIRE EPA CHART - SLM

Tilt Degree	0°	30°	45°	Tilt Degree	0°	30°	45°
Single	0.5	2.1	2.6	T90°	1.2	2.9	3.6
D180°	1.1	2.1	2.6	TN120°	1.3	4.4	5.4
D90°	0.9	2.5	3.1	Q90°	1.2	2.9	3.6





Slice Medium Outdoor LED Area Light

CONTROLS

AirLink Wireless Lighting Controller

The AirLink integrated controller is a California Title 24 compliant lighting controller that provides real-time light monitoring and control with utility-grade power monitoring. It includes a 24V sensor input and power supply to connect a sensor into the outdoor AirLink wireless lighting system.

The wireless integrated controller is compatible with this fixture.

Click the link below to learn more details about AirLink.

<https://www.lsicorp.com/documents/datasheets/airlink-outdoor-specsheet.pdf>

Integral Bluetooth™ Motion and Photocell Sensor (IMSBT)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is rated for cold and wet locations (-30° C to 70° C). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

Click the link below to learn more details about IMSBT.

<https://www.lsicorp.com/documents/datasheets/imsbt-specsheet.pdf>

AirLink Blue

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/Site, Wall Mounted, Parking Garage and Canopy luminaires.

Click the link below to learn more details about AirLink Blue.

<https://www.lsi-airlink.com/airlink-blue/>

POLES & BRACKETS

LSI offers a full line of poles and mounting accessories to complete your lighting assembly. Aluminum and steel in both square and round shafts. In addition, LSI offers round tapered, fluted and hinge based poles. Designed and engineered for durability and protected with our oven baked DuraGrip Protection System. Also available with our DuraGrip+ Protection system for unmatched corrosion resistance and an extended warranty. American made in our Ohio facility with industry leading lead times.

Click the link below to learn more details about poles & brackets.

<https://www.lsicorp.com/products/poles-and-brackets-area-street.aspx>



BKA UMB CLR

The 3G rated UMB allows for seamless integration of LSI luminaires onto existing/ retrofit or new construction poles. The UMB was designed for square or round (tapered or straight) poles with two mounting hole spacings between 3.5" - 5".



BKS PQM15 CLR

The Pole Quick Mount Bracket allows for preset 15° uptilt of LSI luminaires for greater throw of light and increased vertical illumination as well as fast installation onto poles with LSI's 3" or 5" bolt pattern.



BKA ASF CLR

The adjustable Slip Fitter is a 3G rated rugged die cast aluminum adapter to mount LSI luminaires onto a 2" iron pipe, 2 3/8 OD tenon. The Adjustable Slip Fitter can be rotated 180° allowing for tilting LSI luminaires up to 45° and 90° when using a vertical tenon.



BKS PQMH CLR

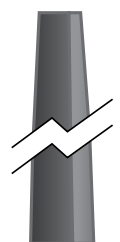
The Pole Quick Mount Bracket allows for lightning fast installation of LSI luminaires onto existing and new construction poles with LSI's B3 or B5 standard pole bolt patterns.



Square Pole
14'-39'



Round Pole
10'-30'



Tapered Pole
20'-39'





Catalog # : _____ Project : _____

Prepared By : _____ Date : _____

Steel Poles

Square Straight



QUICK LINKS

[Ordering Guide](#)[Configurations](#)[Dimensions](#)[EPA](#)

FEATURES & SPECIFICATIONS

Pole Shaft

- Straight poles are 4", 5", or 6" square.
- Pole shaft is electro-welded ASTM-A500 Grade C steel tubing with a minimum yield strength of 50,000 psi.
- On Tenon Mount steel poles, tenon is 2-3/8" O.D. high-strength pipe. Tenon is 4-3/4" in length.

Hand-Hole

- Standard hand-hole location is 12" above pole base.
- Poles 22' and above have a 3" x 6" reinforced hand-hole. Shorter poles have a 2" x 4" non-reinforced hand-hole.

Base

- Pole base is ASTM-A36 hot-rolled steel plate with a minimum yield strength of 36,000 psi.
- Two-piece square base cover is optional.

Anchor Bolts

- Poles are furnished with anchor bolts featuring zinc-plated double nuts and washers. Galvanized anchor bolts are optional.
- Anchor bolts conform to ASTM F 1554-07a Grade 55 with a minimum yield strength of 55,000 psi.

Ground Lug

- Ground lug is standard.

Duplex Receptacle

- Weatherproof duplex receptacle is optional.

Ground Fault Circuit Interrupter

- Self-testing Ground fault circuit interrupter is optional.

Finishes

- Every pole is provided with the DuraGrip® Protection System and a 5-year limited warranty:
- When the top-of-the line DuraGrip® Plus Protection System is selected, in addition to the DuraGrip® Protection System, a non-porous, automotive-grade corrosion coating is applied to the lower portion of the pole interior, sealing and further protecting it from corrosion. This option extends the limited warranty to 7 years.

Determining The Luminaire/Pole Combination For Your Application:

- Select luminaire from luminaire ordering information
- Select bracket configuration if required
- Determine EPA value from luminaire/ bracket EPA chart
- Select pole height
- Select MPH to match wind speed in the application area (See windspeed maps).
- Confirm pole EPA equal to or exceeding value of luminaire/bracket EPA
- Consult factory for special wind load requirements and banner brackets

Pole Vibration Damper

- A pole vibration damper is recommended in open terrain areas of the country where low steady state winds are common.
- Non-tapered poles and lightly loaded poles are more susceptible to destructive vibration if a damper is not installed.

Listings

- UL Listed
- BAA/TAA Compliant





ORDERING GUIDE

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TYPICAL ORDER EXAMPLE: **4SQ B3 S11G 24 S PLP DGP**

Pole Series	Mounting Method	Material	Height ²	Mounting Configuration	Pole Finish	Options
4SQ - 4" x 4" Square Straight Pole 5SQ - 5" x 5" Square Straight Pole 6SQ - 6" x 6" Square Straight Pole	Bolt-On Mount¹ - See pole selection guide for patterns and fixture matches. B5 - 5" Traditional Drilling Pattern B3 - 3" Reduced Drilling Pattern B2 - 2" Reduced Drilling Pattern T - Tenon Mount - See pole selection guide for tenon and fixture/bracket matches. I - No Mounting Holes ¹ - Use with: • BKA 4ISF & BKA 5ISF • BKA X4ISF & BKA X5ISF	S11G – 11 Ga. Steel (4SQ and 5SQ only) S07G – 07 Ga. Steel	8' 10' 12' 13' 14' 15' 16' 17' 17' 6" 18' 20' 22' 22' 6" 23' 24' 25' 26' 27' 28' 30' 32' 35' 39'	S – Single/Parallel D180 – Double D90 – Double DN90 – Double T90 – Triple TN120 – Triple Q90 – Quad QN90 – Quad N – Tenon Mount (Standard tenon size is 2-3/8" O.D.)	BRZ – Bronze BLK – Black PLP – Platinum Plus WHT – White SVG – Satin Verde Green GPT – Graphite MSV – Metallic Silver BZA – Alternate Bronze	GA – Galvanized Anchor Bolts SF – Single Flood ³ DF – Double Flood ³ DGP – DuraGrip® Plus LAB – Less Anchor Bolts CRXX - Conduit Raceway ⁴ Standard SF and DF pole preparations are located 3/4 of the height of the pole from the base, except on 20' poles. Maximum height for SF and DF pole preparations on 20' poles is 13' from the base.

Height Restriction, Consult Pole Selection Chart on opposite page

Accessory Ordering Information

Description	Order Number	Description	Order Number
4BC – 4" Square Base Cover	122559CLR	Vibration Damper - 4" Square Pole (bolt-on mount only)	172539
5BC – 5" Square Base Cover	122561CLR	Vibration Damper - 5" Square Pole (bolt-on mount only)	172538
6BC – 6" Square Base Cover	122563CLR	Vibration Damper - 6" Square Pole (bolt-on mount only)	178361
ER2 – Weatherproof Duplex Receptacle	122566CLR		
GFI – Ground Fault Circuit Interrupter	122567CLR		
MH5 - mounting Hole Plugs for use with 5" traditional drill pattern (3 set of 3 plugs)	132336		
MH3 - mounting Hole Plugs for use with 3" reduced drill pattern (3 set of 3 plugs)	681126		
MH2 - Mounting Hole Plugs for use with 2" reduced drill pattern (3 sets of 3 plugs)	725841		

FOOTNOTES:

- 1 - See Area Light Brackets - 3" Reduced Drill Pattern and Area Light Brackets - 5" Traditional Drill Pattern spec sheets.
- 2 - Pole heights will have +/- 1/2" tolerance.
- 3 - See Flood Lighting Brackets section for choice of FBO brackets.
- 4 - CR selection must indicate required height and side of pole mounting location. Mounting template required at time of order.



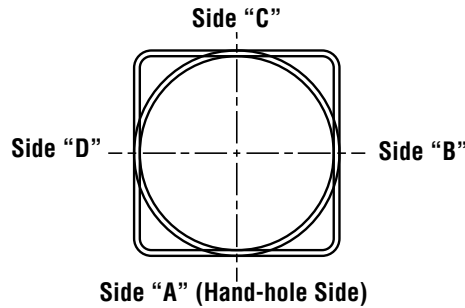


Steel Poles - Square Straight

DRILLING LOCATIONS

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Sides	A	B	C	D
Hand-hole	X			
Single	X			
D180		X		X
D90	X			X
DN90 ¹				
T90	X	X		X
TN120 ²				
Q90	X	X	X	X
QN90 ³				
Single FBO	X			
Double FBO		X		X

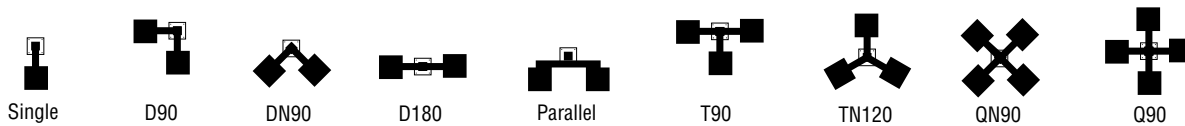


NOTES:

- 1 - Two locations will be 45° to the left and right of Side A.
- 2 - Other two locations will be 120° to the left and right of Side A.
- 3 - Two locations will be 45° to the left and right of Side A and two locations will be 135° to the left and right of Side A.

Consult factory for custom variations. Standard SF and DF pole preparations are located 3/4 of the height of the pole from the base, except on 20' poles. Maximum height for SF and DF pole preparations on 20' poles is 13' from the base.

FIXTURE CONFIGURATIONS



BOLT CIRCLE

4" (102mm) square
10-1/8" (257mm) sq.



11" (279mm) Dia. Bolt Circle

5" (127mm) square
10-1/8" (257mm) sq.



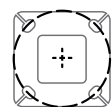
11" (279mm) Dia. Bolt Circle

5" (127mm) square
10-1/8" (257mm) sq.



11" (279mm) Dia. Bolt Circle

6" (152mm) square
12" (305mm) sq.



12" (305mm) Dia. Bolt Circle

Bolt Circle Designator	B	C	D	J
Bolt Circle	Slotted 8"-11" (203mm-279mm)	Slotted 9"-11" (229mm-279mm)	Slotted 9"-11" (229mm-279mm)	Slotted 12" (305mm)
Anchor Bolt Size	3/4" x 30" (19mm x 762mm)	3/4" x 30" (19mm x 762mm)	1" x 36" (25mm x 914mm)	1" x 36" (25mm x 914mm)
Anchor Bolt Projection	3-1/4" (83mm)	3-1/4" (83mm)	4" (102mm)	4" (102mm)
Base Plate Opening for Wireway Entry	3-5/8" (92mm)	4-3/4" (121mm)	4-5/8" (117mm)	5-5/8" (143mm)
Base Plate Dimensions	10-1/8" sq. x 3/4" thk. (257mm x 19mm)	10-1/8" sq. x 3/4" thk. (257mm x 19mm)	10-1/8" sq. x 1" thk. (257mm x 25mm)	12" sq. x 1-1/8" thk. (305mm x 29mm)
Pole Gauge	11	11	7	7

Note: Base plate illustrations may change without notice. Do not use for setting anchor bolts. Consult factory for the appropriate anchor bolt template.

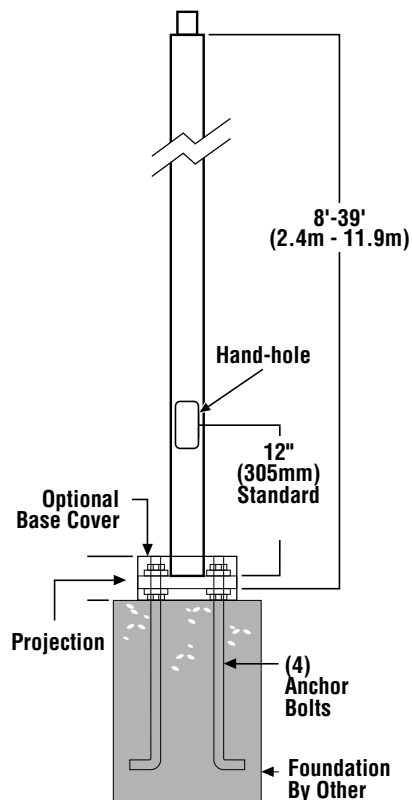




PRODUCT DIMENSIONS

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SQT –
N= 2-3/8" (60mm) O.D. x 4-3/4" (121mm) Tenon



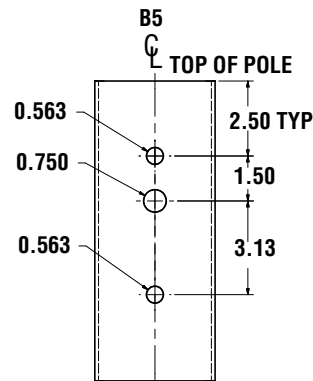
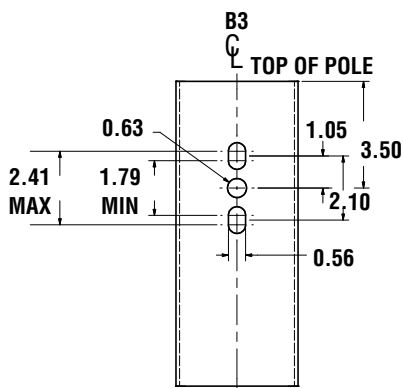
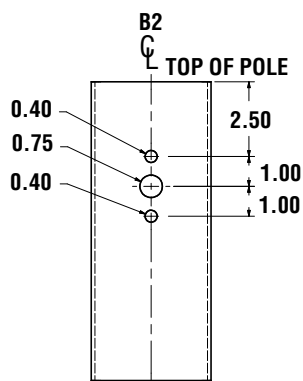
SF –
Single Flood
Pole Preparation



SHIPPING WEIGHTS

4"(102mm) sq. 11 Ga. is approximately	7.50 lbs./ft.
4"(102mm) sq. 07 Ga. is approximately	10.00 lbs./ft.
5"(127mm) sq. 11 Ga. is approximately	9.00 lbs./ft.
5"(127mm) sq. 07 Ga. is approximately	12.50 lbs./ft.
6"(152mm) sq. 07 Ga. is approximately	15.40 lbs./ft.
Anchor Bolts (3/4" x 30")(19mm x 762mm)	15 lbs. (7kg)/set
Anchor Bolts (1" x 36")(25mm x 914mm)	30 lbs. (14kg)/set

Bolt-On Mount 2-Bolt Pattern





WIND SPEED

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EPA Information

All LSI Industries' poles are guaranteed to meet the EPA requirements listed. LSI Industries is not responsible if a pole order has a lower EPA rating than the indicated wind-loading zone where the pole will be located.

CAUTION: This guarantee does not apply if the pole/bracket/fixture combination is used to support any other items such as flags, pennants, or signs, which would add stress to the pole. LSI Industries cannot accept responsibility for harm or damage caused in these situations.

NOTE: Pole calculations include a 1.3 gust factor over steady wind velocity. Example: poles designed to withstand 80 MPH steady wind will withstand gusts to 104 MPH. EPAs are for locations 100 miles away from hurricane ocean lines. Consult LSI for other areas. Note: Hurricane ocean lines are the Atlantic and Gulf of Mexico coastal areas. For applications in Florida or Canada, consult factory.

Use ONLY with "Wind Speed Map for ASCE 7-10

POLE ¹	Mtg. Height Length (ft)	Wall Thick (ga)	BOLT CIRCLE			EPA								
			Designator	Dia. (in)	Anchor bolt Dia (in)	110 MPH	115 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH
4" x 11-ga x 12'	12	11	B	8" - 11"	0.75	13.9	12.5	11.3	9.2	7.6	6.3	5.2	4.3	3.6
4" x 11-ga x 14'	14	11	B	8" - 11"	0.75	10.7	9.5	8.5	6.8	5.4	4.4	3.5	2.7	2.1
4" x 11-ga x 16'	16	11	B	8" - 11"	0.75	8.2	7.2	6.4	4.9	3.8	2.9	2.1	1.5	1.0
4" x 11-ga x 18'	18	11	B	8" - 11"	0.75	6.3	5.4	4.7	3.4	2.4	1.6	1.0	0.4	n/a
4" x 11-ga x 20'	20	11	B	8" - 11"	0.75	4.6	3.9	3.2	2.1	1.2	0.6	n/a	n/a	n/a
4" x 11-ga x 22'	22	11	B	8" - 11"	0.75	7.6	6.6	5.7	4.2	3.0	2.0	1.2	0.5	n/a
4" x 11-ga x 24'	24	11	B	8" - 11"	0.75	6.0	5.1	4.3	2.9	1.8	0.9	n/a	n/a	n/a
4" x 11-ga x 26'	26	11	B	8" - 11"	0.75	4.6	3.7	3.0	1.7	0.7	n/a	n/a	n/a	n/a
4" x 7-ga x 14'	14	7	B	8" - 11"	0.75	18.3	16.4	14.9	12.2	10.2	8.5	7.1	5.9	5.0
4" x 7-ga x 16'	16	7	B	8" - 11"	0.75	14.7	13.2	11.8	9.6	7.8	6.3	5.2	4.2	3.4
4" x 7-ga x 18'	18	7	B	8" - 11"	0.75	11.9	10.5	9.3	7.4	5.9	4.6	3.6	2.8	2.1
4" x 7-ga x 20'	20	7	B	8" - 11"	0.75	9.6	8.4	7.4	5.7	4.3	3.2	2.3	1.6	0.9
4" x 7-ga x 22'	22	7	B	8" - 11"	0.75	7.7	6.6	5.7	4.2	3.0	2.0	1.2	0.5	n/a
4" x 7-ga x 24'	24	7	B	8" - 11"	0.75	6.0	5.1	4.3	2.9	1.8	0.9	n/a	n/a	n/a
4" x 7-ga x 26'	26	7	B	8" - 11"	0.75	4.6	3.7	3.0	1.7	0.7	n/a	n/a	n/a	n/a
4" x 7-ga x 28' ²	28	7	B	8" - 11"	0.75	3.3	2.5	1.8	0.7	n/a	n/a	n/a	n/a	n/a
4" x 7-ga x 30' ²	30	7	B	8" - 11"	0.75	2.2	1.4	0.8	n/a	n/a	n/a	n/a	n/a	n/a
5" x 11-ga x 14'	14	11	C	9" - 11"	0.75	17.4	15.7	14.1	11.5	9.3	7.7	6.3	5.2	4.2
5" x 11-ga x 16'	16	11	C	9" - 11"	0.75	13.8	12.3	10.9	8.7	6.9	5.5	4.3	3.3	2.5
5" x 11-ga x 18'	18	11	C	9" - 11"	0.75	10.8	9.6	8.4	6.5	4.9	3.7	2.6	1.8	1.1
5" x 11-ga x 20'	20	11	C	9" - 11"	0.75	8.5	7.3	6.3	4.6	3.2	2.1	1.2	0.5	n/a
5" x 11-ga x 22'	22	11	C	9" - 11"	0.75	10.9	9.5	8.3	6.2	4.5	3.2	2.1	1.2	0.5
5" x 11-ga x 24'	24	11	C	9" - 11"	0.75	8.8	7.5	6.4	4.5	3.0	1.8	0.8	n/a	n/a
5" x 11-ga x 26'	26	11	C	9" - 11"	0.75	6.8	5.7	4.6	3.0	1.6	0.6	n/a	n/a	n/a
5" x 11-ga x 28'	28	11	C	9" - 11"	0.75	5.2	4.1	3.2	1.6	0.4	n/a	n/a	n/a	n/a
5" x 11-ga x 30'	30	11	C	9" - 11"	0.75	3.6	2.7	1.8	0.4	n/a	n/a	n/a	n/a	n/a
5" x 7-ga x 20'	20	7	D	9" - 11"	1.00	21.6	19.3	17.3	14.0	11.3	9.2	7.4	6.0	4.8
5" x 7-ga x 22'	22	7	D	9" - 11"	1.00	20.7	18.6	16.6	13.3	10.7	8.5	6.8	5.4	4.2
5" x 7-ga x 24'	24	7	D	9" - 11"	1.00	17.7	15.6	13.8	10.8	8.5	6.6	5.0	3.7	2.6
5" x 7-ga x 26'	26	7	D	9" - 11"	1.00	14.9	13.1	11.4	8.8	6.6	4.9	3.5	2.3	1.3
5" x 7-ga x 28'	28	7	D	9" - 11"	1.00	12.5	10.9	9.4	6.9	4.9	3.4	2.1	1.0	n/a
5" x 7-ga x 30'	30	7	D	9" - 11"	1.00	10.3	8.9	7.5	5.2	3.4	2.0	0.8	n/a	n/a
5" x 7-ga x 35'	35	7	D	9" - 11"	1.00	6.0	4.8	3.6	1.8	n/a	n/a	n/a	n/a	n/a
6" x 7-ga x 24'	24	7	J	12"	1.00	18.6	16.4	14.3	11.2	8.6	6.5	4.8	3.4	2.2
6" x 7-ga x 26'	26	7	J	12"	1.00	15.6	13.4	11.7	8.8	6.5	4.6	3.0	1.8	0.7
6" x 7-ga x 28'	28	7	J	12"	1.00	12.9	10.9	9.3	6.7	4.6	2.8	1.5	n/a	n/a
6" x 7-ga x 30'	30	7	J	12"	1.00	10.4	8.8	7.3	4.8	2.9	1.3	n/a	n/a	n/a
6" x 7-ga x 32'	32	7	J	12"	1.00	8.3	6.8	5.5	3.1	1.3	n/a	n/a	n/a	n/a
6" x 7-ga x 34'	34	7	J	12"	1.00	6.5	5.0	3.7	1.6	n/a	n/a	n/a	n/a	n/a
6" x 7-ga x 35'	35	7	J	12"	1.00	5.5	4.2	2.9	0.9	n/a	n/a	n/a	n/a	n/a
6" x 7-ga x 39'	39	7	J	12"	1.00	2.3	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a

All LSI Industries' poles are guaranteed to meet the EPA requirements listed. LSI Industries is not responsible if a pole order has a lower EPA rating than the indicated wind-loading zone where the pole will be located.

CAUTION: This guarantee does not apply if the pole/bracket/fixture combination is used to support any other items such as flags, pennants, or signs, which would add stress to the pole. LSI Industries cannot accept responsibility for harm or damage caused in these situations.

Note:

- 1- Poles shorter than these listed here in for each gauge have EPA rating equal to or greater than what is provided in this table. To Confirm EPA ratings on shorter poles, contact LSI Industries.
- 2- LSI Industries recommends a vibration damper be ordered with this length.





Patriot Wall Sconce (XPWS3)

Outdoor Wall Sconce



OVERVIEW	
Lumen Package	3,000 - 6,000
Wattage Range	34 - 72
Efficacy Range (LPW)	79 - 95
Weight lbs (kg)	30 (13.6)

QUICK LINKS

[Ordering Guide](#)[Performance](#)[Photometrics](#)[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- One-piece die-cast aluminum housing is smoothly contoured rectangular shape.
- Mounting hardware is stainless steel or electro-zinc plated.
- Housing and optical unit are sealed with extruded silicone gasket; supply conductors with molded EPDM bushing.
- 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

- Clear tempered optical-grade flat glass lens sealed to the aluminum optic housing creates an IP65 rated optical assembly.
- Pressure stabilizing breather allows super-tight protection while preventing cycling from building up internal pressures and vacuums that can stress optical unit seals.
- Three distribution choices: Wide Throw (WT), Forward Throw (FT) and Wall Wash (WW).
- Zero uplight.
- Available in 5000K and 4000K color temperatures per ANSI C78.377.
- Minimum CRI of 70.

Electrical

- Driver is fully encased in potting material for IP65 moisture and complies with IEC and FCC standards. Driver can be easily accessed.
- Drivers feature integral sensor which reduces drive current, when ambient temperatures exceed rated temperature.
- Available with universal voltage power supply 120-277VAC (50/60Hz input) or 347-480VAC.
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C.
- Prewired leads extended out the back of the unit through a rubber grommet eliminating the need to open the fixture to make wiring connections.
- Optional integral emergency battery-back-up options are available. BB option operates in 0°C to 60°C ambient temperature and CWBB operates in -20°C to 60°C ambient temperature. When primary AC power failure occurs, both options operate 10 LEDs for minimum of 90 minutes.

Controls

- DIM- 0-10 volt dimming enabled with controls by others.

Installation

- Galvanized-steel universal wall mounting plate easily mounts directly to 4" octagonal or square junction box.
- EPDM gasket is supplied to be installed between mounting plate and junction box, sealing junction box from entrance of water.
- Universal plate permits fixture to be mounted in uplighting (indoor only) or downlighting position.
- XPMa (for square) or XPMAR (for round) allows mounting to poles in single and D180 configurations. Use LSI B3 drilling pattern.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Listings
- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- Suitable for wet locations (down position only).
- IP65 rated luminaire
- Optional Class 1 Division 2 (groups A, B, C & D) hazardous location rating is available (select HL option)



Patriot Wall Sconce

ORDERING GUIDE

[Back to Quick Links](#)

TYPICAL ORDER EXAMPLE:	XPWS3 FT LED 48 450 CW UE WHT BB
------------------------	---

Prefix	Distribution	Technology	Output	Color Temp	Voltage	Finish	Controls	Options
XPWS3 - Patriot Wall Sconce	FT - Forward Throw	LED	28 -350 - 28 LEDs & 350mA (3,000 lms)	CW - 5,000K CCT - 70 CRI	UE - Universal Voltage (120-277V) 347-480 - High Voltage	BLK - Black	DIM - 0-10v Dimming leads extended to housing exterior ¹ PCI120 - 120V Button-Type Photocell ² PCI208 - 208V Button-Type Photocell ² PCI240 - 240V Button-Type Photocell ² PCI277 - 277V Button-Type Photocell ² PCI347 - 347V Button-Type Photocell ²	(Blank) - None
	WT - Wide Throw		28-450 - 28 LEDs & 450mA (4,000 lms)	NW - 4,000K CCT - 70 CRI		BRZ - Bronze		BB - Battery Backup (0°C) ³
	WW - Wall Wash		48-350 - 48 LEDs & 350mA (5,000 lms)			GMG - Gun Metal Gray		CWBB - Cold Weather Battery Backup (-20°C) ³
			48-350 - 48 LEDs & 350mA (5,000 lms)			GPT - Graphite		HL - Class 1, Division 2 Hazardous Location Rating, ETL Listed to UL8448 ⁴
			48-350 - 48 LEDs & 450mA (6,000 lms)			MSV - Metallic		XPMA - Pole Mounting Adaptor w/ Fixture Back Plate for Use with Square Poles ⁵
						PLP - Platinum Plus		XPMA4 - Pole Mounting Adaptor w/ Fixture Back Plate for Use with 4" O.D. Round Poles ⁵
						SVG - Satin Verde Green		XPMA5 - Pole Mounting Adaptor w/ Fixture Back Plate for Use with 5" O.D. Round Poles ⁵
						WHT - White		

Accessory Ordering Information

Description	Order Number
XPWS3 Polycarbonate Shield	244657
XPWS3 SW BLK - Surface Wiring Box (Available in black only)	356915BLK
FK120 - Single Fusing	FK120 ⁷
FK277 - Single Fusing	FK277 ⁷
FK208, 240 - Double Fusing	FK208,240 ⁷
FK480 - Double Fusing	FK480 ⁷
FK347 - Single Fusing	FK347 ⁷

FOOTNOTES:

- 1 - DIM and IMS options are not compatible.
- 2 - Not compatible with ERM2 or HL option.
- 3 - Available with UE voltage only. Not compatible with HL option.
- 4 - Not available with battery back-up or photocell options.
- 5 - Designed for 3" reduced drilling pattern. For S or D180 mounting configuration only.
- 6 - Accessories are field installed.
- 7 - Fusing to be installed in a compatible junction box supplied by contractor.



Patriot Wall Sconce

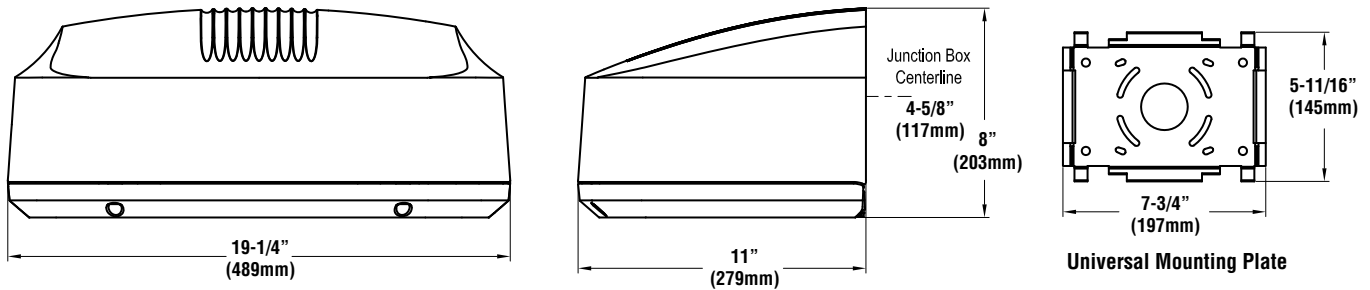
[Back to Quick Links](#)

PERFORMANCE

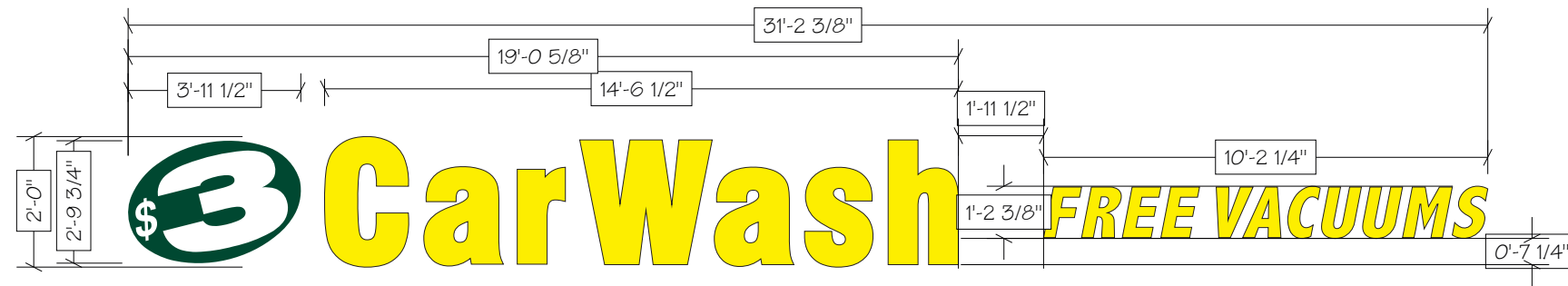
DELIVERED LUMENS									
LEDs - Drive Current	Distribution	CRI	4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
28 - 350mA	FT	70	2919	86	B1-U0-G1	3055	90	B1-U0-G1	34
	WT		2873	86	B1-U0-G1	2977	88	B1-U0-G1	
	WW		3074	90	B1-U0-G0	3161	93	B2-U0-G0	
28 - 450mA	FT		3529	80	B1-U0-G1	3730	85	B1-U0-G1	44
	WT		3465	79	B1-U0-G1	3636	83	B1-U0-G1	
	WW		3708	84	B2-U0-G0	3844	87	B2-U0-G0	
48 - 350mA	FT		4863	88	B1-U0-G1	5094	93	B1-U0-G1	55
	WT		4791	87	B1-U0-G1	5095	93	B2-U0-G1	
	WW		4881	89	B2-U0-G0	5209	95	B2-U0-G0	
48 - 450mA	FT		5775	80	B1-U0-G1	6159	86	B2-U0-G1	72
	WT		5678	79	B2-U0-G1	6144	85	B2-U0-G1	
	WW		5751	81	B2-U0-G0	5315	88	B2-U0-G0	

ELECTRICAL DATA*						
Output	120V	208V	240V	277V	347V	480V
28 - 350mA	0.28	0.16	0.14	0.12	0.10	0.07
28 - 450mA	0.37	0.21	0.18	0.16	0.13	0.09
48 - 350mA	0.46	0.26	0.23	0.20	0.16	0.11
48 - 450mA	0.60	0.35	0.30	0.26	0.21	0.15

PRODUCT DIMENSIONS

[Back to Quick Links](#)

Sign sq. ft. = 93.6

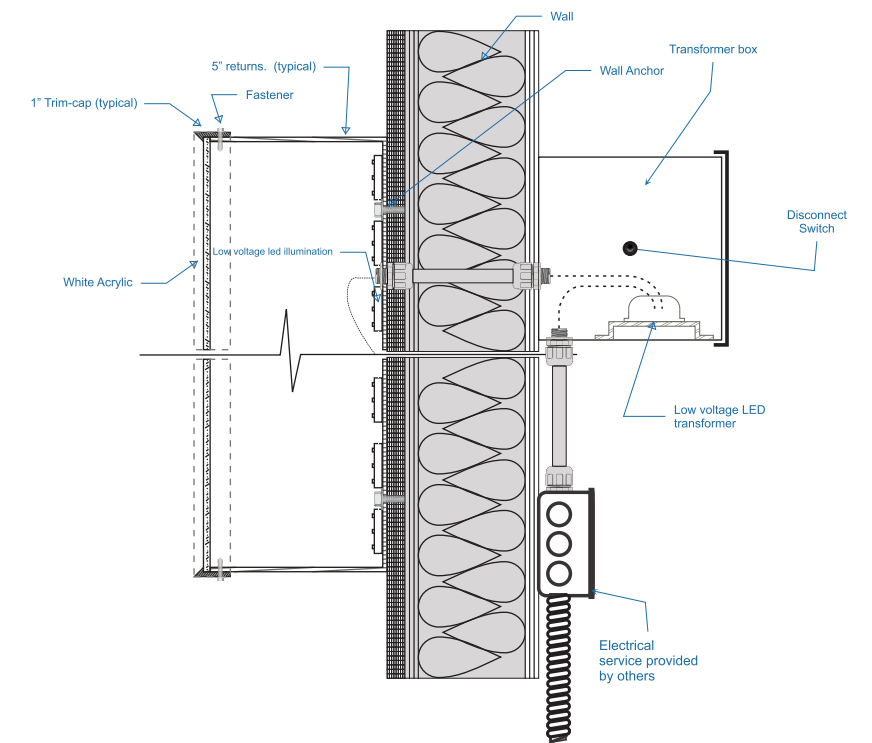


All Signs Shall Be Installed In Accordance With N.E.C. Article 600

<u>Engineering Specifications</u>	<u>Electrical Specifications</u>
All Signs Fabricated as per A.S.A Specifications & 2014 I.B.C.	All Signs Fabricated as per 2015 N.E.C. Specifications

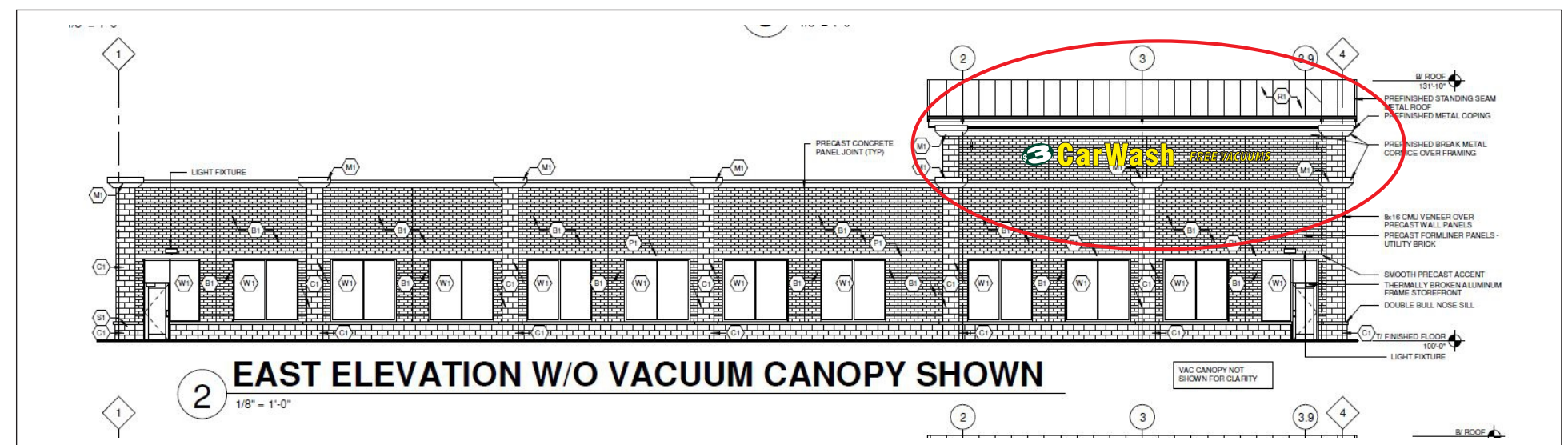
INDIVIDUAL ILLUMINATED LETTERS

FABRICATE AND INSTALL LETTERS OF ALUMINUM AND ACRYLIC.
FACES TO BE ACRYLIC TRIMCAP TO BE BLACK.
\$3 FACE TO BE WHITE ACRYLIC WITH COPY APPLIED FIRST SURFACE.
ALL RETURNS TO BE PAINTED BLACK.
ALL EXPOSED METAL SURFACES TO BE COATED WITH ACRYLIC POLYURETHANE.
INTERNAL ILLUMINATION TO BE WHITE LEDS.
SCALE - 1/4" = 1'



INSTALLATION INSTRUCTIONS

CENTER COPY ON AREAS AS SHOWN ABOVE ROOFLINE.
CONNECT TO ELECTRICAL SERVICE
TO BE PROVIDED BY OTHERS
PRIOR TO INSTALL.



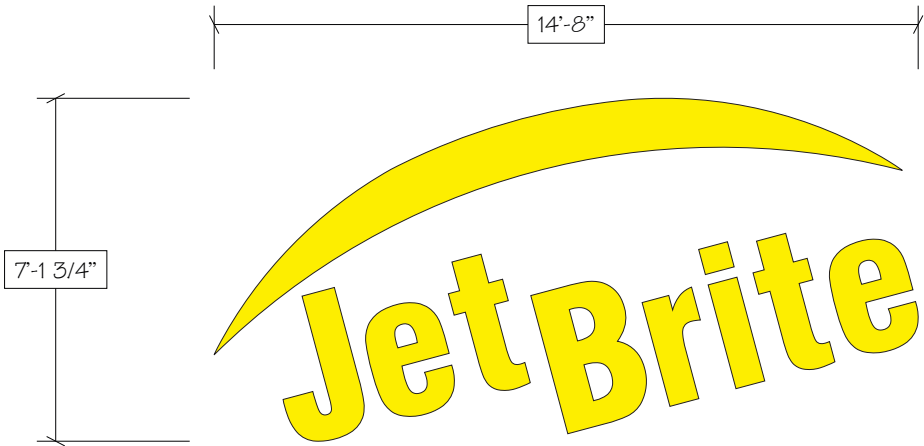
	YELLOW-CHEMCAST 2037	VINYL
	DARK GREEN: 3630-76	VINYL
	LETTERCOIL RETURNS	PAINT
	TRIM-CAP BLACK	STOCK

Computer generated colors are not a true match to any PMS, vinyl or paint.
Rendering shown is for concept only. Actual scale and placement shown are approximate.

1100 Route 34 Aurora, Illinois 60503 JC 630 898 5900 office 630 898 6091 fax	Prepared For: JET BRITE	Address: 375 ROOSEVELT RD	Drwg:191143	Sheet: 3	Design Date: 9/18/19	<u>LANDLORD APPROVAL SIGNATURE</u>	TITLE:
	Location Name:	City/State: GLEN ELLYN, IL	Rev 1:			PRINT	DATE:
			Rev 2:				

All Signs Shall Be Installed In Accordance With N.E.C. Article 600
Engineering Specifications
All Signs Fabricated as per A.S.A Specifications & 2014 I.B.C.
Electrical Specifications
All Signs Fabricated as per 2015 N.E.C. Specifications

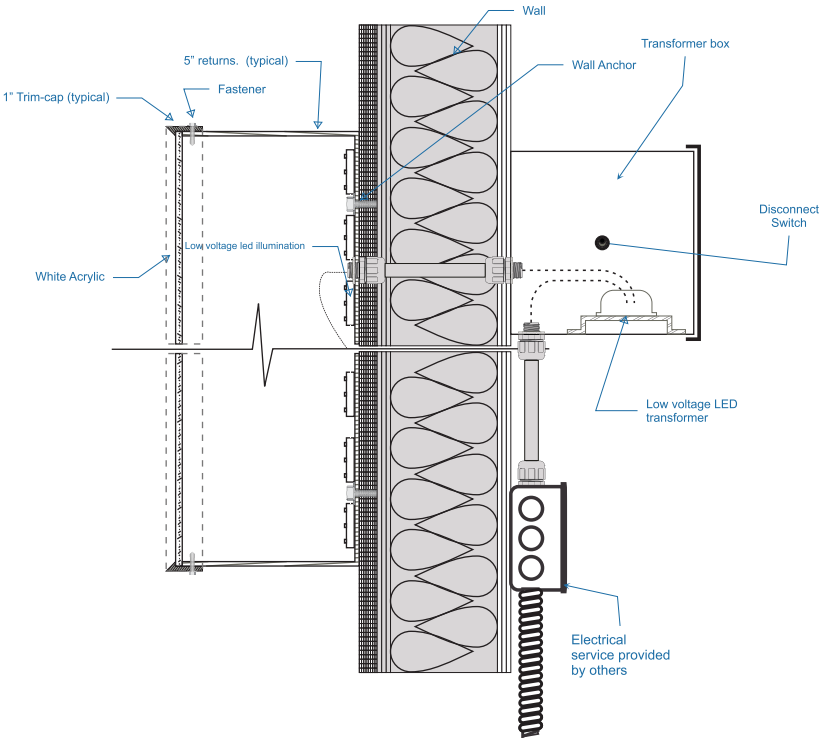
Sign sq. ft. = 104.8



INSTALLATION INSTRUCTIONS

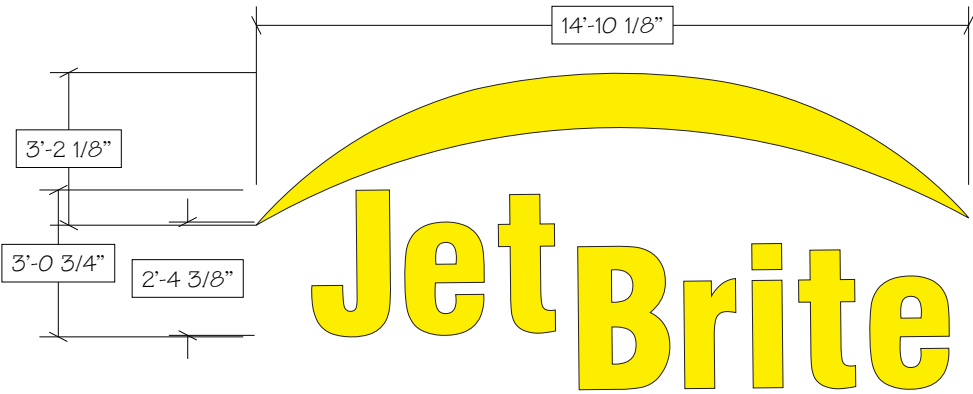
CENTER COPY ON FACADE AS SHOWN
ABOVE ROOFLINE.
CONNECT TO ELECTRICAL SERVICE
TO BE PROVIDED BY OTHERS
PRIOR TO INSTALL.

	YELLOW-CHEMCAST 2037	VINYL
	LETTERCOIL RETURNS	PAINT
	TRIM-CAP BLACK	STOCK

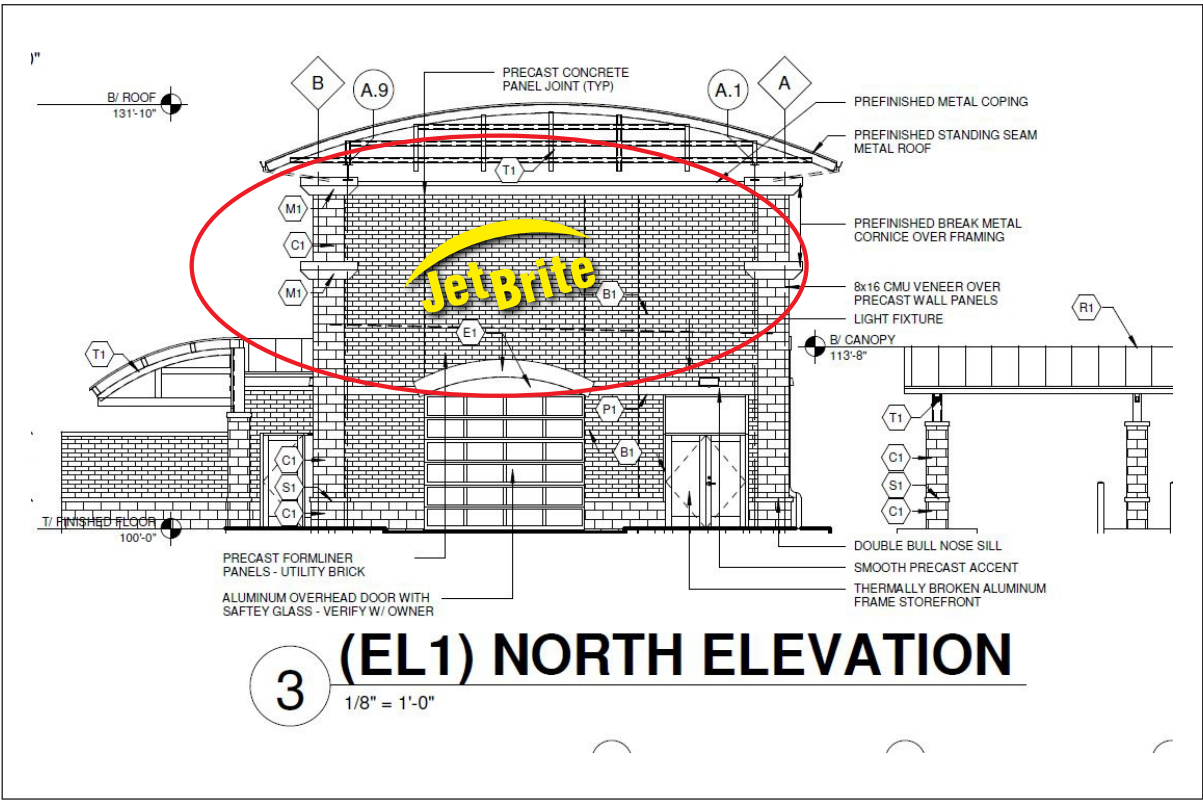


INDIVIDUAL ILLUMINATED LETTERS

FABRICATE AND INSTALL LETTERS OF ALUMINUM AND ACRYLIC.
FACES TO BE YELLOW ACRYLIC. TRIMCAP TO BE BLACK.
ALL RETURNS TO BE PAINTED BLACK.
ALL EXPOSED METAL SURFACES TO BE COATED WITH ACRYLIC POLYURETHANE.
INTERNAL ILLUMINATION TO BE WHITE LEDS.
SCALE - 1/4" = 1'



COMPONENT DIMENSIONS



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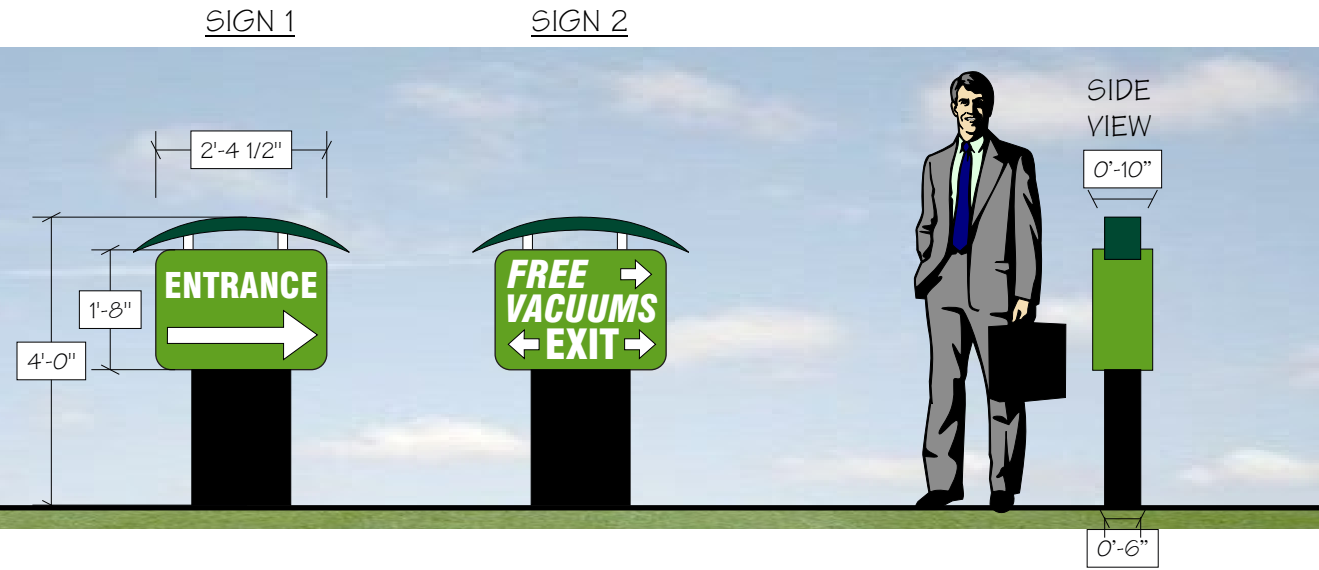
1100 Route 34 Aurora, Illinois 60503 JC 630 898 5900 office 630 898 6091 fax	Prepared For: JET BRITE	Address: 375 ROOSEVELT RD	Drwg:191143	Sheet: 4	Design Date: 9/18/19	LANDLORD APPROVAL SIGNATURE PRINT	TITLE:
	Location Name:	City/State: GLEN ELLYN, IL	Rev 1:				DATE:

All Signs Shall Be Installed In Accordance With N.E.C. Article 600
Engineering Specifications
All Signs Fabricated as per
A.S.A Specifications & 2014 I.B.C.
Electrical Specifications
All Signs Fabricated as per
2015 N.E.C. Specifications

Sign Face = 3.94 SF

SINGLE-FACED SIGNS

Sign 2 shall be located a minimum of 15' behind the Roosevelt Road face of curb to not impede vehicle site lines for the adjacent driveway

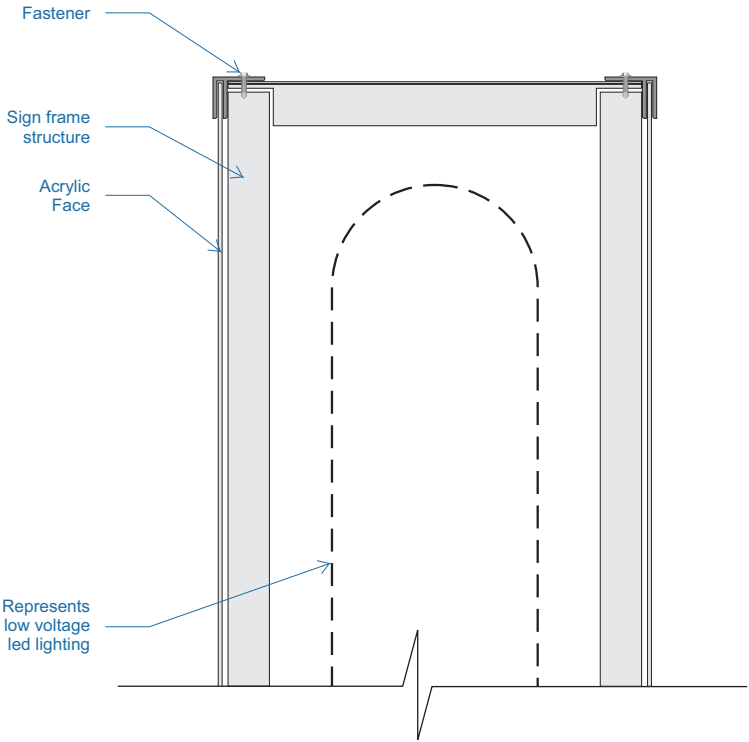


SINGLE-FACED SIGNS

- SIGN 1 - Qty 1
SIGN 2 - Qty 1

ILLUMINATED DIRECTIONALS - 2 TOTAL REQUIRED

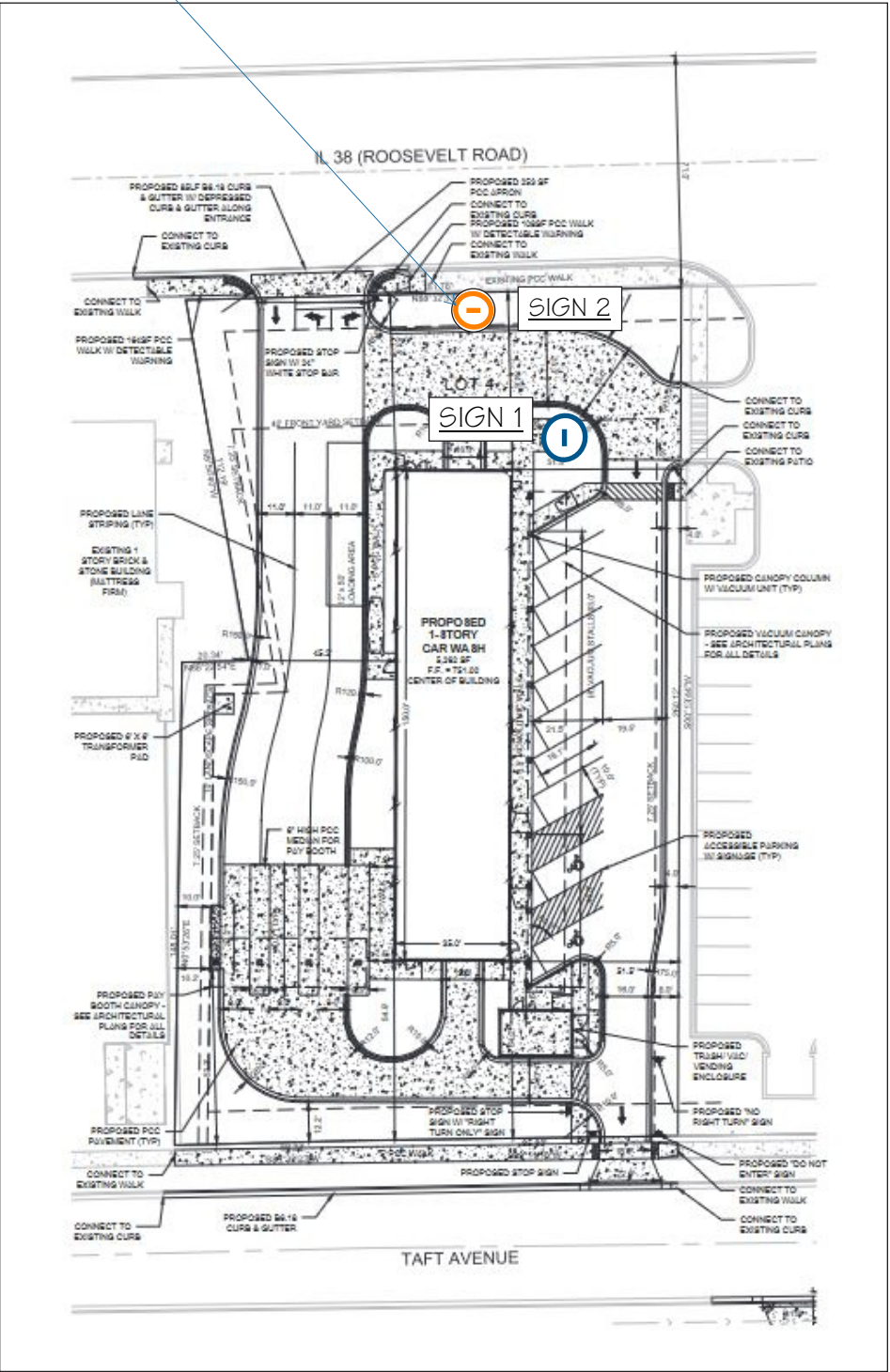
FABRICATE AND INSTALL SIGNS OF ALUMINUM AND ANGLE.
SIGN FACES TO BE WHITE ACRYLIC WITH COPY TO BE APPLIED FIRST SURFACE.
ALL EXPOSED METAL SURFACES TO BE COATED WITH ACRYLIC POLYURETHANE.
ARCH TO BE ILLUMINATED. 1" TRIM-CAP.
SCALE - 3/8" = 1'



INSTALLATION INSTRUCTIONS

SET 2" STEEL ROUND PIPE IN CONCRETE FOOTING TO BE 10" ROUND BY 42" DEEP. CONNECT TO ELECTRICAL SERVICE. TO BE PROVIDED BY OTHERS PRIOR TO INSTALL.

	3630-136 LIGHT GREEN	VINYL
	PMS 361	PAINT
	DARK GREEN: 3630-76	VINYL
	DARK GREEN: MATCH 3630-76	PAINT
	TRIM-CAP JEWELITE SOLID GREEN	STOCK
	BLACK	PAINT



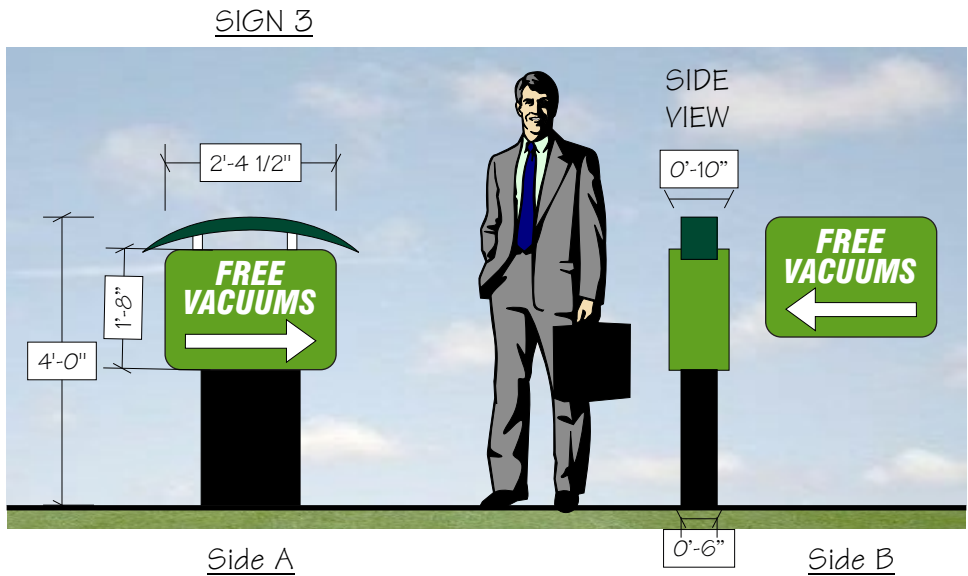
Computer generated colors are not a true match to any PMS, vinyl or paint.
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	Location Name:	City/State: GLEN ELLYN, IL	Rev 1: 2/9/2022 9/22/2022 10/20/2022				DATE:
			Rev 2:				

All Signs Shall Be Installed In Accordance With N.E.C. Article 600
Engineering Specifications
All Signs Fabricated as per
A.S.A Specifications & 2014 I.B.C.
Electrical Specifications
All Signs Fabricated as per
2015 N.E.C. Specifications

Sign Face = 3.94 SF

DOUBLE-FACED SIGNS



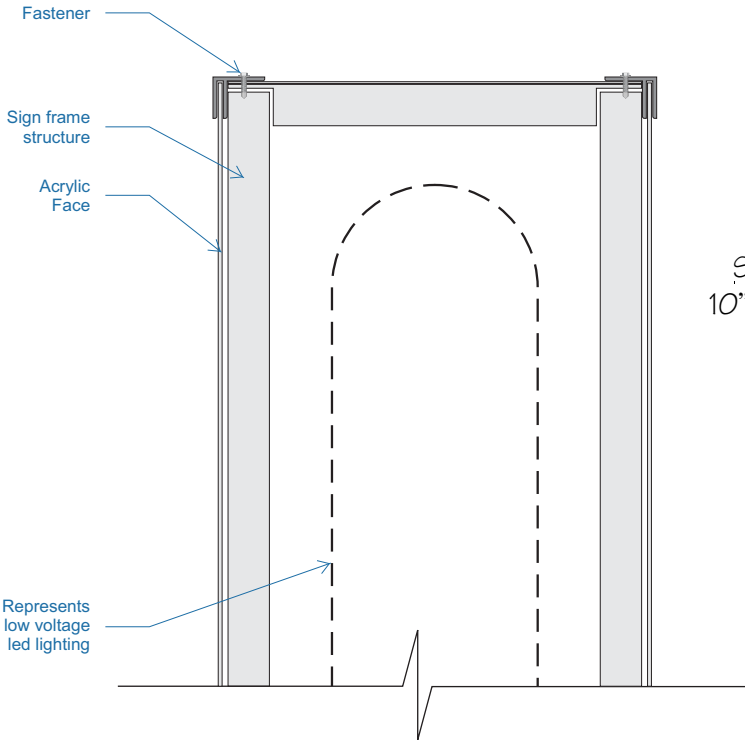
DOUBLE-FACED SIGNS

SIGN 3 Qty 1

	3630-136 LIGHT GREEN	VINYL
	PMS 361	PAINT
	DARK GREEN: 3630-76	VINYL
	DARK GREEN: MATCH 3630-76	PAINT
	TRIM-CAP JEWELITE SOLID GREEN	STOCK
	BLACK	PAINT

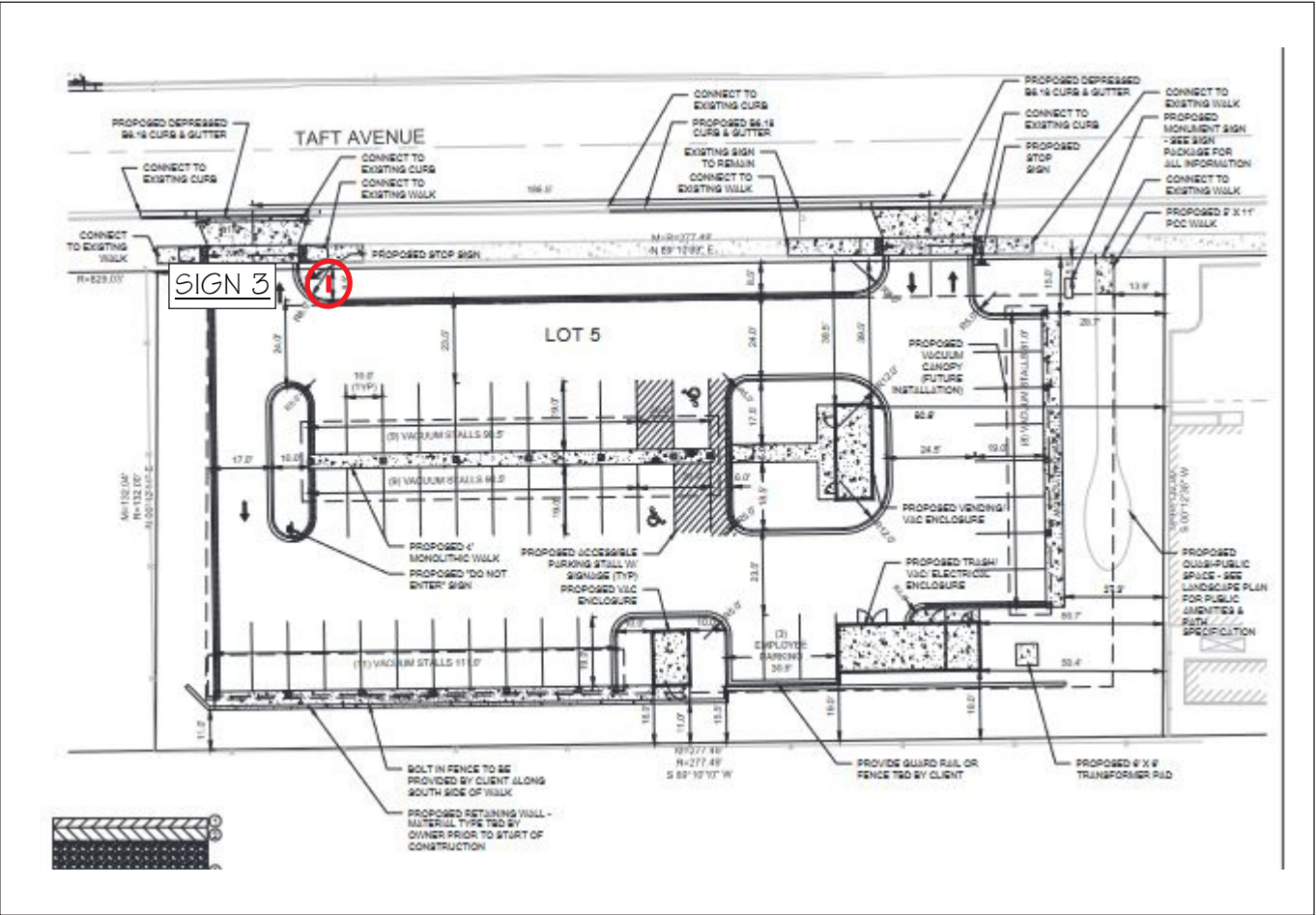
ILLUMINATED DIRECTIONALS - 1 TOTAL REQUIRED

FABRICATE AND INSTALL SIGNS OF ALUMINUM AND ANGLE.
SIGN TO BE PERPENDICULAR TO TAFT AVE.
COPY TO BE APPLIED FIRST SURFACE.
ALL EXPOSED METAL SURFACES TO BE COATED WITH ACRYLIC POLYURETHANE.
SCALE - 3/8" = 1'



INSTALLATION INSTRUCTIONS

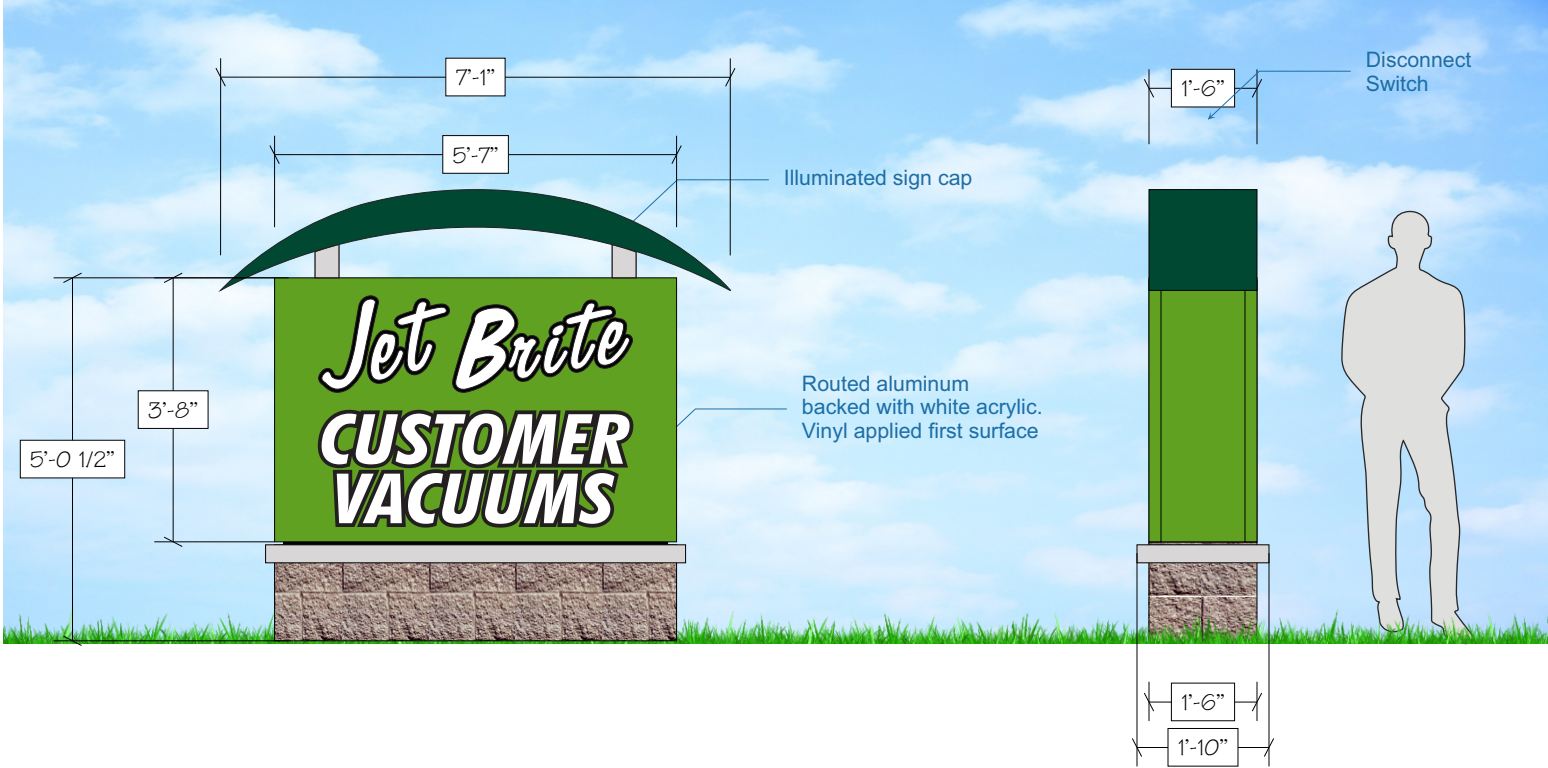
SET 2" STEEL ROUND PIPE IN CONCRETE FOOTING TO BE 10" ROUND BY 42" DEEP. CONNECT TO ELECTRICAL SERVICE, TO BE PROVIDED BY OTHERS PRIOR TO INSTALL.



Computer generated colors are not a true match to any PMS, vinyl or paint.
Rendering shown is for concept only. Actual scale and placement shown are approximate.

1100 Route 34 Aurora, Illinois 60503 JC 630 898 5900 office 630 898 6091 fax	Prepared For: JET BRITE	Address: 375 ROOSEVELT RD	Drwg:191143	Sheet: 7	Design Date: 9/18/19	LANDLORD APPROVAL SIGNATURE	TITLE:
	Location Name:	City/State: GLEN ELLYN, IL	Rev 1: 2/9/2022 9/22/2022				
				Rev 2:			PRINT

Sign sq. ft. = 20.42

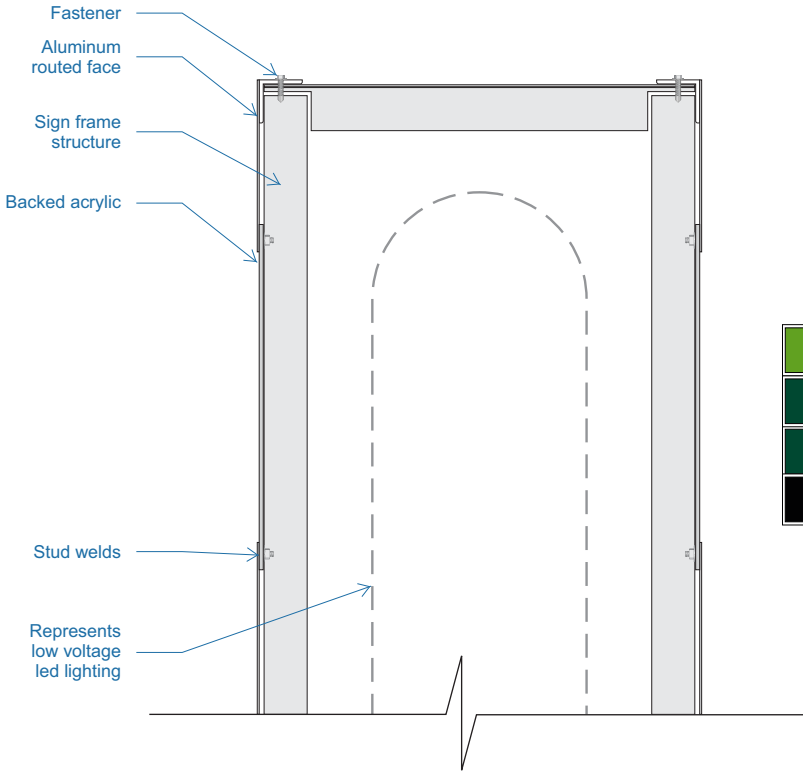


DOUBLE-FACED ILLUMINATED

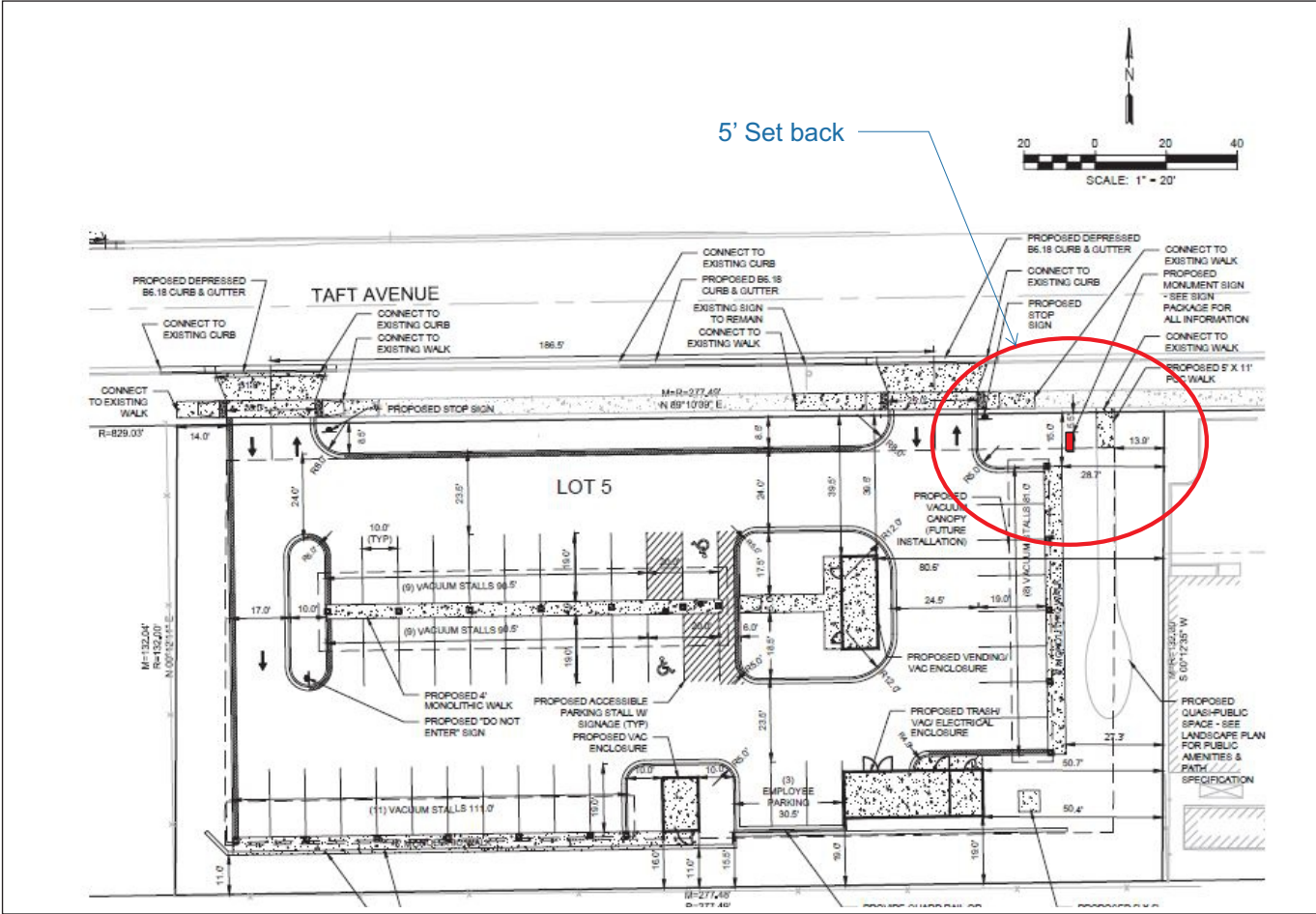
FABRICATE AND INSTALL SIGN OF ALUMINUM AND ANGLE.
FACES TO BE ALUMINUM ROUTED FOR COPY AND BACKED WITH WHITE ACRYLIC.
ALL EXPOSED METAL SURFACES TO BE COATED WITH ACRYLIC POLYURETHANE.
INTERNAL ILLUMINATION TO BE WHITE LEDS.
SCALE - 3/8" = 1'

INSTALLATION INSTRUCTIONS

SET SET 4" STEEL PIPE IN 24" x 6' CONCRETE
FOOTINGS TO DEPTH OF 4'.
PERPENDICULAR TO TAFT AVENUE.
CONNECT TO ELECTRICAL SERVICE
TO BE PROVIDED BY OTHERS PRIOR TO INSTALL.



	PMS 361	PAINT
	DARK GREEN: 3630-76	VINYL
	DARK GREEN: MATCH 3630-76	PAINT
	3M BLACK	VINYL



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1100 Route 34 Aurora, Illinois 60503 JC 630 898 5900 office 630 898 6091 fax	Prepared For: JET BRITE	Address: 375 ROOSEVELT RD	Drwg:191143	Sheet: 8	Design Date: 9/18/19	LANDLORD APPROVAL SIGNATURE PRINT	TITLE:
	Location Name:	City/State: GLEN ELLYN, IL	Rev 1: 2/9/2022	8/8/2022			DATE:
			Rev 2:				

**(DRAFT) MOTION TO RECOMMEND APPROVAL OF AN EXTERIOR
APPEARANCE REVIEW TO ALLOW A CAR WASH ESTABLISHMENT AND
ACCESSORY VACUUM STATIONS AT PROPERTIES LOCATED AT 375
ROOSEVELT ROAD AND 401 TAFT AVENUE (JET BRITE)**

After conducting a public meeting and deliberating on the request of the petitioner, JB Development, Inc. on behalf of MIKI Properties, LLC – Roselle, for approval of an exterior appearance review for the redevelopment and operation of a new car wash at 375 Roosevelt Road and an accessory parking lot equipped with vacuum stalls at 401 Taft Avenue – Lots 4 and 5 of the 375-395 Roosevelt Road Subdivision, the Architectural Appearance Commission hereby recommends approval based on the findings of fact, as discussed or amended at the Architectural Appearance Commission public meeting on December 14, 2022, which are hereby incorporated into the Motion by reference as though fully set forth herein, and a copy of which will be attached to the minutes of this meeting and kept on file as part of the permanent records of the Village. The Architectural Appearance Commission makes this recommendation of approval with the following conditions:

1. That the project is constructed in substantial conformance with the plans as presented and the testimony presented at the Architectural Appearance Commission meeting, the Plan Commission public hearing, and before the Village Board of Trustees.
2. A building permit shall be required for the exterior alterations.

Motion by: _____ Seconded by: _____