



## **AGENDA FOR REGULAR MEETING VILLAGE OF TINLEY PARK PLAN COMMISSION**

February 3, 2022 – 7:00 P.M.  
Council Chambers  
Village Hall – 16250 S. Oak Park Avenue

**Regular Meeting Called to Order**

**Pledge of Allegiance**

**Roll Call Taken**

**Communications**

**Approval of Minutes:** Minutes of the January 20, 2022 Regular Meeting

**ITEM #1      WORKSHOP – RJ’S SEAFOOD BUILDING ADDITION AND PATIO, 18201  
HARLEM AVENUE – SPECIAL USE FOR PUD AND SITE  
PLAN/ARCHITECTUAL APPROVAL**

Consider recommending that the Village Board grant Ramzi Hassan on behalf of Cornerstone Centre, LLC a Special Use for a Substantial Deviation from the Cornerstone Centre Planned Unit Development with Exceptions from the Zoning Ordinance located at 18201 Harlem Avenue in the B-4 (Office and Service) Zoning District. The granting of this request will allow for site modifications including the construction of a 525 SF building addition with a restaurant patio for RJ’s Seafood to the north of the existing building. Site Plan and Architectural Approvals are also required as part of the redevelopment.

**Receive Comments from the Public**

**Good of the Order**

**Adjourn Meeting**



**MINUTES OF THE REGULAR MEETING OF THE  
PLAN COMMISSION, VILLAGE OF TINLEY PARK,  
COOK AND WILL COUNTIES, ILLINOIS**

**January 20, 2022**

The meeting of the Plan Commission, Village of Tinley Park, Illinois, was held in the Council Chambers located in the Village Hall of Tinley Park, 16250 Oak Park Avenue, Tinley Park, IL on January 20, 2022.

**CALL TO ORDER** – CHAIRMAN GRAY called to order the Regular Meeting of the Plan Commission for January 20, 2022 at 7:00 p.m.

Dan Ritter called the roll.

Present and responding to roll call were the following:

Chairman Garrett Gray  
James Gaskill  
Angela Gatto  
Frank Loscuito  
Eduardo Mani  
Andrae Marak (arrived 7:01pm)  
Kurt Truxal

Absent Plan Commissioners:

Ken Shaw

Village Officials and Staff:

Dan Ritter, Planning Manager

Petitioners:

Peter Paraskis, Peter G. Paraskis Architect, Ltd.  
Richard Mommsen, Daley-Mommsen Enterprises (d/b/a Dunkin')

Members of the Public:

None

**COMMUNICATIONS –**

There were no communications from Village Staff.

**APPROVAL OF MINUTES** - Minutes of the January 6, 2022 Regular Meeting of the Plan Commission were presented for approval. A motion was made by COMMISSIONER GATTO. The motion was seconded by COMMISSIONER TRUXAL to approve the January 6, 2022 minutes. CHAIRMAN GRAY asked for a voice vote; all were in favor. He declared the motion carried.

**TO: VILLAGE OF TINLEY PARK PRESIDENT AND BOARD OF TRUSTEES**

**FROM: VILLAGE OF TINLEY PARK PLAN COMMISSION**

**SUBJECT: MINUTES OF THE JANUARY 20, 2022 REGULAR MEETING**

**ITEM #1 PUBLIC HEARING – DUNKIN’ OUTLOT REDEVELOPMENT (TINLEY DOWNS) - SPECIAL USE FOR PUD SUBSTANTIAL DEVIATION AND SITE PLAN/ARCHITECTURAL APPROVAL**

Consider recommending that the Village Board grant Richard Mommsen on behalf of Daley-Mommsen Enterprises (d/b/a Dunkin’ Donuts) a Special Use for a Planned Unit Development for Tinley Downs Plaza located at 7901-7951 171st Street, Tinley Park. The granting of this request will allow for site modifications and the allowance use allowance of a drive-thru restaurant in the existing outlot building. Site Plan and Architectural Approvals are also requested as part of the redevelopment.

Present Plan Commissioners:

Chairman Garrett Gray  
James Gaskill  
Angela Gatto  
Frank Loscuito  
Eduardo Mani  
Andrae Marak (arrived 7:01pm)  
Kurt Truxal

Absent Plan Commissioners:

Ken Shaw

Village Officials and Staff:

Dan Ritter, Planning Manager

Petitioners:

Peter Paraskis, Peter G. Paraskis Architect, Ltd.  
Richard Mommsen, Daley-Mommsen Enterprises (d/b/a Dunkin’)

Members of the Public:

None

CHAIRMAN GRAY asked for a motion to open the Public Hearing. Motion made by COMMISSIONER GASKILL seconded by COMMISSIONER LOSCUITO. CHAIRMAN GRAY requested a voice vote asking if any were opposed to the motion; hearing none, he declared the motion carried.

CHAIRMAN GRAY stated he received proof of the Notice of Publication for this Public Hearing. He invited staff to start with the presentation of this item.

Dan Ritter, Planning Manager, summarized the Staff Report for the Commission that was attached to the Plan Commission packet and will be attached to the minutes. He noted the majority of the project was reviewed as part of the workshop at the previous meeting. The main concern was a railing be installed where the walkway and drive-thru met due to the blind spot for vehicles and pedestrians. This was previously mentioned by Commissioner Mani and other commissioners agreed at the workshop. Also revised on the new plans where doors removed on the east side of the building along the drive-thru. Also, a delivery door on the north side facing 171<sup>st</sup> Street was missing previously and now shown. Staff noted the delivery door as the remaining open item. It was a heavy metal door that are typical but will stick out based on the current design of the façade and the visibility from 171<sup>st</sup> Street. Staff recommended the door either be glazed or blends in better to the façade. They were looking for feedback from the Petitioner and Commissioners on the last open item.

CHAIRMAN GRAY asked if the Petitioner would like to speak. Peter Paraskis, Architect for the Petitioner, was sworn in.

Peter Paraskis noted they can complete a treatment to the back door so that isn't glazed but blends in better. If it was glass, there would likely be issues with maintenance. They would work with staff on it to come up with a better solution that isn't glass.

CHAIRMAN GRAY asked each Commissioner for comments.

COMMISSIONER MANI noted he thought the door was fine to be a heavier metal door since it would get heavy use from deliveries. He had no issues with a heavy metal door as the trees would also help hide the view from 171<sup>st</sup> Street.

COMMISSIONER GATTO noted she agreed with Commissioner Mani and suggested it be a color that camouflages it better from the street. She noted it was visible but a color change would help. Mr. Ritter suggested maybe something that was similar to the mirrored color on the existing windows.

COMMISSIONER TRUXAL noted it was a good building and site design. He agreed with the other Commissioners on the north door that should remain steel due to the heavy use and durability.

COMMISSIONER GASKILL, COMMISSIONER LUSCUITO, AND COMMISSIONER MARAK agreed with the previous Commissioner comments had no additional comments.

CHAIRMAN GRAY said he agreed on the door and noted the petitioner should work with staff to find a solution that blended in better. He was also ok with the glass extending down to the ground on the old doors since there was adjacent landscaping that would hide the lowest part. Overall the development was positive and looks great.

CHAIRMAN GRAY asked if anyone from the public wishes to speak. Seeing none, he entertained a motion to close the public hearing.

Motion to close the public hearing made by COMMISSIONER MANI, seconded by COMMISSIONER GASKILL. CHAIRMAN GRAY requested a voice vote asking if any were opposed to the motion; hearing none, he declared the motion carried.

CHAIRMAN GRAY asked staff to go through the Standards.

Dan Ritter reviewed the drafted Standards for a Special Use, Planned Unit Developments, and Site Plan/ Architectural Approval on this request, as indicated in the Staff Report.

There were two motions for this item.

Motion 1- (Special Use for a Planned Unit Development):

COMMISSIONER GATTO made a motion to recommend that the Village Board approve a Special Use for a Planned Unit Development (Tinley Downs Plaza), in accordance with the listed plans, Findings of Fact, and listed of Exceptions as noted in the January 20, 2022 Staff Report, to redevelop the outlot building with a drive-thru on property located at 7901-7951 171st Street, subject to the following condition:

1. Any changes in drive-thru or parking demand from what was presented requires a new traffic/drive-thru analysis to be submitted and prior approval to ensure the on-site drive-thru stacking and parking is sufficient.

Motion seconded by COMMISSIONER GASKILL. Vote taken by Roll Call; all in favor. CHAIRMAN GRAY declared the motion carried.

Motion 2- (Site Plan and Architectural Approval):

COMMISSIONER MANI made a motion to grant the Petitioner, Richard Mommsen on behalf of Daley-Mommsen Enterprises (d/b/a Dunkin' Donuts), Site Plan and Architectural approval for redevelopment of an outlot to have a Dunkin' Donuts drive-thru in Tinley Downs Plaza at 7901-7951 171st Street in the B-1 PD (Neighborhood Shopping, Tinley Downs Plaza PUD) zoning district, in accordance with the submitted plans in the January 20, 2022 staff report and subject to the following five conditions also listed in the staff report:

1. Site Plan Approval is subject to approval of the requested PUD by the Village Board.
2. Any changes in drive-thru or parking demand from what was presented requires a new traffic/drive-thru analysis to be submitted and prior approval to ensure the on-site drive-thru stacking and parking is sufficient.
3. The two existing unpermitted directional signs at the 80th Avenue entrance shall be removed.
4. The orange stripe on the existing Dunkin parapet area shall be painted to match the rest of the in-line parapet. This work shall be completed with this project and permit.
5. Site Plan Approval is subject to Engineering and Building Department permit review and approval of final plans including any grading or drainage changes.”

Motion seconded by COMMISSIONER GATTO. Vote taken by Roll Call; all in favor. CHAIRMAN GRAY declared the motion carried.

CHAIRMAN GRAY noted that the petitioner is anticipated to go to Village Board February 1, 2022.

Dan Ritter noted that staff will look into whether it will have just first reading or if it will also include the second reading. Typically, a separate meeting for a first reading is not waived for a PUD, however this item is relatively straightforward. He will follow up with the Petitioner prior to the Village Board meeting.

## **GOOD OF THE ORDER –**

Dan Ritter reviewed the following Good of the Order items:

- Exterior structure construction was finishing up for the Holiday Inn project. The four stories and parapet are completed. The project is now undergoing exterior materials and interior work. Holiday Inn wanted to keep their brand in Tinley Park, and is excited to complete this project.
- The two new Starbucks locations are moving forward, which should hopefully take some pressure off the existing Starbucks location:
  - The LaGrange Road (& 171<sup>st</sup> Street) location which was the old MB Financial (by Lou Malnati's Pizza) has been moving forward completing demolition and site changes. It should open fairly quickly and hopefully spring/summer 2022.
  - The Harlem Avenue location by the 7-11 (under the same developer) just got their MWRD permit today and full permit hopefully ready early next week to begin site work.
- Pete's Fresh Market is close to getting their approvals and hope to break ground in March. They have most of their permits in place but need to finalize their plat and MWRD permit.
- Delta Sonic, which came before the Plan Commission a couple years ago now, was on hold due to the pandemic, but has now submitted a permit. They will remodel the detail area and change the circulation to avoid having the check-in booths in line with the entrance. It is a busy location and intersection, but the new site will hopefully help improve safety on the site.
- There is a tenant lined up for the old Tribes Alehouse space. They are an existing restaurateur with a sports bar theme with beer and food. They anticipate to move in fairly quickly after getting a liquor license and completing some small renovations. It is a good setup with a nice patio. Originally, they were looking at the downtown Boulevard location, but when that didn't work out for them, Kimberly directed them to this location, which is a good fit for them.

COMMISSIONER GATTO noted she saw the sign went up on the Durbin's drive-thru window.

Dan Ritter noted the speaker post they put up will come down as that was not allowed in the Plan Commission Approval. He wasn't sure if they are officially open yet but anticipated to open soon.

**COMMENTS FROM THE PUBLIC** – CHAIRMAN GRAY asked if there were comments from the public. Hearing none, he asked to adjourn the meeting.

## **CLOSE MEETING -**

A Motion was made by COMMISSIONER GASKILL, seconded by COMMISSIONER LOSCUITO to adjourn the January 20, 2022 Plan Commission meeting.

CHAIRMAN GRAY asked for a voice vote; all were in favor. He declared the motion carried and adjourned the meeting at 7:30 P.M.



# PLAN COMMISSION STAFF REPORT

February 3, 2022 - WORKSHOP

## Petitioner

Scott Harris, on behalf of  
RJ's Seafood LLC

## Property Location

18201 Harlem Avenue

## PIN

28-31-306-046-0000

## Zoning

B-4 PUD (Office & Service  
Business, Cornerstone  
Centre PUD)

## Approvals Sought

Special Use Permit  
Site Plan Approval

## Project Planner

Lori Kosmatka  
Associate Planner

## RJ's Seafood Building Addition and Patio

18201 Harlem Avenue



## EXECUTIVE SUMMARY

RJ's Seafood LLC is part of the Francesca's Restaurant Group, and requesting a Special Use Permit and Site Plan/Architecture Approval for a building addition as part of their new restaurant. RJ's Seafood is new restaurant tenant will be occupying a portion of the existing Cornerstone Centre building at 18201 Harlem Avenue, formally occupied by the Tin Fish restaurant.

As part of their occupancy, the Petitioner is proposing a 525 sq. ft. building addition with a patio for outdoor dining and other site improvements to the north and west of the existing tenant space. In order to accommodate the addition, the applicant proposes to remove the existing dumpster enclosure, a shed, and a paved loading area. The building addition will provide additional interior space for a walk-in cooler and trash holding area.

The property is within the Cornerstone Centre Planned Unit Development (PUD) and consists of three lots within the Urban Design Overlay District. The northern lot contains the building with the subject site, and is zoned B-4 PD. The rest of the development is zoned B-3 PD. Due to its location in a PUD, any increase in building density must be approved by a substantial deviation. Additionally, Exceptions to the Zoning Ordinance are being requested as part of the Substantial Deviation.

## EXISTING SITE & HISTORY

The proposed work is within the Cornerstone Centre Planned Unit Development (PUD) at the northeast corner of Harlem Avenue and 183<sup>rd</sup> Street. The PUD consists of two rectangular multi-tenant buildings and an outlot building. The existing tenant space, previously occupied by Tin Fish Restaurant, is at the north end of the northern building facing Harlem Avenue. In addition to centralized access points off Harlem Avenue and 183<sup>rd</sup> Street, there is a drive aisle access on 182<sup>nd</sup> Street.

Between the northern building and 182<sup>nd</sup> Street is a trash enclosure and shed with a block wall. The ground includes a curbed concrete walk abutting the building, uncurbed concrete pavement accessing the trash enclosure, and a strip of landscaping going beyond the north property line to the sidewalk on 182<sup>nd</sup> Street. There is a 10-foot public utility easement along the northern and eastern property lines. The rear (east) of the building is within the easement and has a partial mulch groundcover.

There is a high occupancy and a considerable amount of active uses on the development. In addition to the proposed restaurant, the northern building's tenants include a physical therapy business and an AT&T store. The southern building has several tenants including Stacks Breakfast Brunch & Lunch, Mr. Riko Loko Dessert Bar, 350 Brewing Co., Runa Izakaya, Al's Beef, and other service-related uses. Currently, the development has three trash enclosures shared between all of the tenants. A separately owned bank outlot also exists that is currently unoccupied. The bank site has a cross access and cross-parking agreement with the overall center but has its own trash enclosure.



Aerial Location Map of 18201 Harlem Ave.



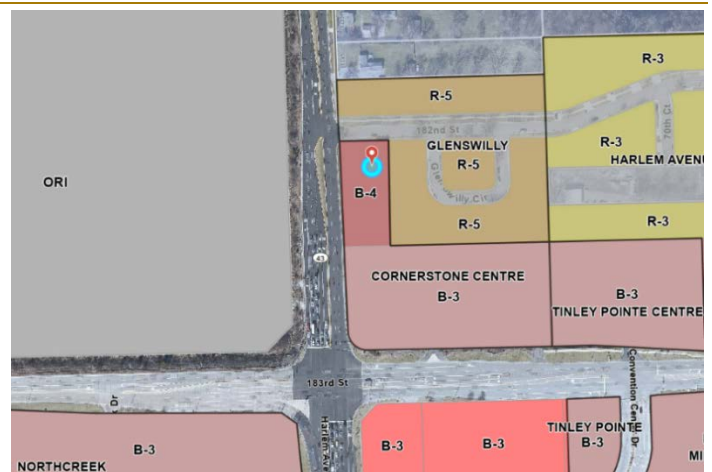
Looking at northwest corner of existing tenant space

## ZONING & NEARBY LAND USES

The Cornerstone Centre Planned Unit Development (PUD) consists of three lots. The PUD was adopted in 1998. The northern lot contains the building with the subject site, and is zoned B-4 PD. The southern lot and outlot are zoned B-3 PD. The property is also within the Urban Design Overlay District but is not applicable as an existing developed site.

The surrounding area includes residences that abut the development's "L" shape, including the north side of 182<sup>nd</sup> Street, and to the rear (east) of the northern building.

The Zoning Ordinance identifies the B-4 Office and Service Business Zoning District use as *"normally small in size, and*



Zoning Map

*is intended to serve as a buffer or transition between residential and commercial areas".* The B-4 uses are *"primarily to provide office space for service-type businesses"*. The B-4 zoning at the northern building was specifically designated in this development due to its reduced rear yard setback and close proximity to residential homes to the north and east. The B-4 district limits the intensity of use as it is within close proximity to residences, compared to the B-3 zoning district. As part of the PUD drive-thru restaurants were prohibited overall in the development.

## SPECIAL USE FOR SUBSTANTIAL DEVIATION TO THE PUD / ZONING EXCEPTION

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The Petitioner proposes site improvements for RJ's Seafood, a new concept restaurant within the Francesca's Restaurant Group. Specifically, a building addition was needed to house a new cooler and storage area for trash. Per Section VII.B.6. of the Zoning Ordinance, this project is considered a Substantial Deviation from the approved Planned Unit Development due to an increase in building density, changes to the site plan, and further reduction in zoning ordinances required setbacks. A Substantial Deviation requires approval of a Special Use. The proposal includes an increased encroachment into the 50-foot front yard setback which deviates from the Village's Zoning Ordinance code requirements. Deviations from Village's Zoning Ordinance are considered Exceptions rather than Variations when located within a PUD and do not require the standard Findings of Fact, as required with a Variation. Alternatively, Exceptions are looked at in terms of their conformance to their overall PUD's design and goals.

## PROPOSED USE

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RJ's Seafood Restaurant will be a full-service, sit-down seafood-oriented restaurant. RJ's Seafood is the latest concept, operated by Francesca's Restaurants Group. Francesca's Restaurant Group, founded in 1992 by restaurateur Scott Harris, currently has six concepts across 23 locations and two states. These include 14 Francesca's Restaurants, 2 Davanti Enoteca, 4 Fat Rosie's Taco & Tequila Bar, Disotto, Joe's Imports, and Vasili's.

The applicant proposes a building addition with a patio and other site improvements to the north and west of the existing tenant space. The Petitioner will replace an existing dumpster enclosure and shed adjacent to the walkway surrounding the northern building with a building addition and a permanent outdoor trellised concrete patio. The building addition will have a set of double doors facing Harlem, and the north face of the existing building will be modified to have a Nanawall operable partition system with an air curtain leading to the patio. The building addition will house a walk-in cooler, enclosed trash holding area, ice bins, and a POS station. The concrete patio will be filled in to be flush with the building's walkway. New permanent planters and a 9-inch concrete barrier curb would provide additional protection for patio occupants from the drive aisle. A new solid wood fence and landscaping are proposed to help mitigate and/or avoid potential noise or visibility issues from the patio to the neighboring residences to the north.

## SITE PLAN

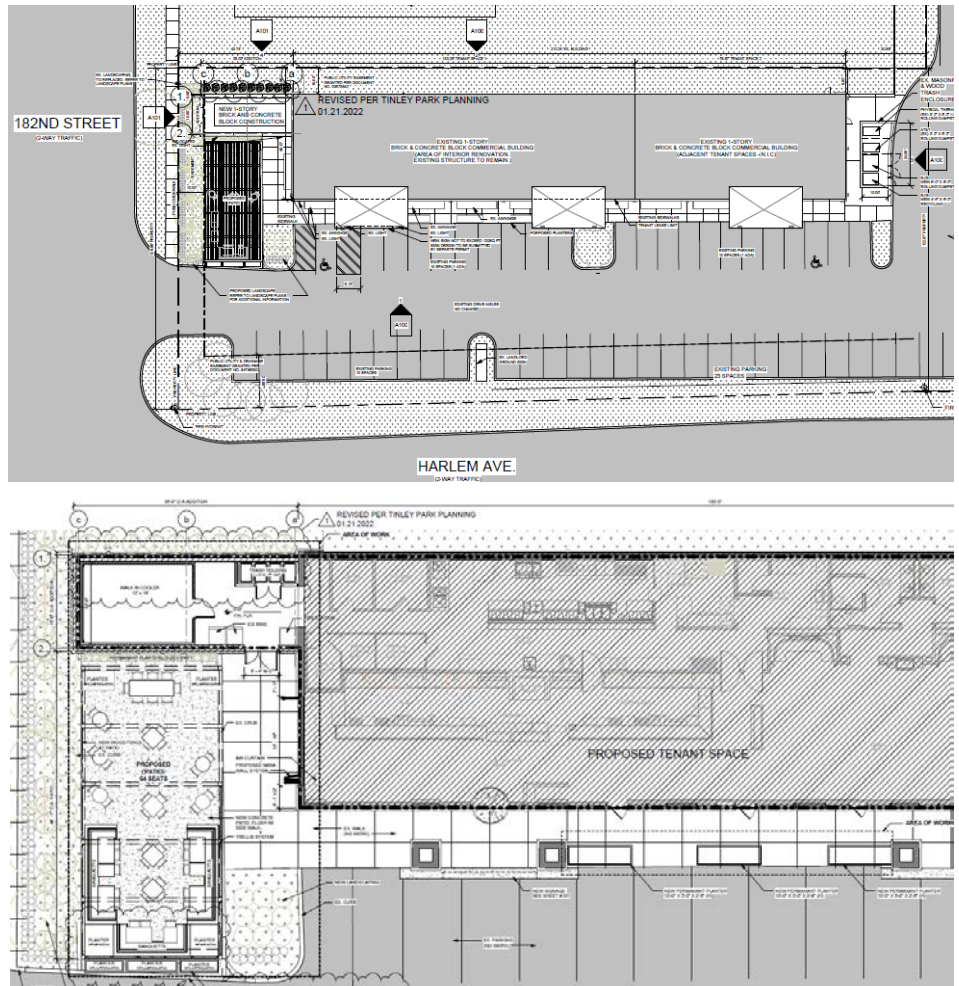
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The applicant has provided overall and detail site plans which indicate the areas of work at the north end of the building facing 182<sup>nd</sup> Street. The 525 sq. ft. building addition (35'x15") and 1120 sq. ft. concrete patio (22'-0" x angled 50'-6" to 51'-6") will be between the building's north surrounding walkway. It is positioned to be setback 10 feet from the north property line. The concrete patio includes open seating and banquette within the trellis, as well as a 62 sq. ft. planter area outside the trellis. The rear (east) wall of the addition will be flush with the existing building. Between the patio's west edge and drive aisle there will be permanent fibre glass reinforced planters and a 9-inch concrete barrier curb. More permanent planters are proposed at the addition's west wall (sizes vary) and on the inside corners of the patio's trellis. Also, three large planters are proposed further south on the building's west (front) surrounding walkway. Fencing is proposed around the north, west, and part of the south sides of the patio.

The Petitioner has provided civil engineering drawings for the site improvements, and has submitted the proposal to MWRD for determination on whether an MWRD permit will be required or not. MWRD may need to consider the current site improvements along with previous ones cumulatively for the entire development. The Petitioner's civil engineer notes an MWRD application will be provided upon determination of involvement from the District. Staff is recommending that the site plan approval be conditioned upon final engineering and Building Department review and approval.

**Open Item #1: Confirm and note the square footage of building addition and concrete patio on the site plan.**

**Open Item #2: Staff is recommending the site plan approval be conditioned upon final engineering and Building Department review and approval.**



Site Plan (Overall & Detail)

## WASTE MANAGEMENT

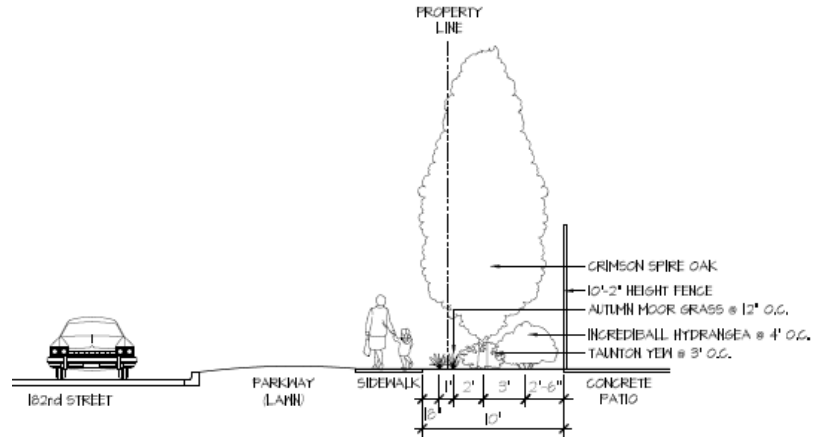
Part of the Petitioner's proposal involves removing an existing trash enclosure to accommodate the building addition and patio. This will reduce the development's shared enclosures from three to two. The property owner and manager of Cornerstone Centre has noted it is difficult to monitor individual tenant trash services and receptacle placement, which has led to issues keeping all dumpsters within the enclosures. To avoid continued issues and due to the proposed reduction in enclosure space, the property owner has worked to have all tenants under one contract with a single waste hauling company. Homewood Disposal Services was chosen and has agreed to monitor waste removal and to reduce, share, and label receptacles. They have noted they can increase service frequency as needed for the entire three building development. The property owner notes that Homewood Disposal will provide room for a grease container as well as trash and recycling for RJ's Seafood Restaurant. The two remaining trash enclosures are at the south end of the northern building, and northeast of the southern building. The trash at RJ's Seafood will be held in the addition, and an employee will walk it nightly to the dumpster at the south end of the northern building.

The shopping center's two shared trash enclosures are only likely to work in this proposed situation of a single uniform trash hauler contract that is managed by the property owner. Staff is recommending a condition of approval on the PUD Deviation that requires all dumpsters and grease containers be stored in enclosures per village code requirements and that the property owner manages a single contract that shares the two enclosures with all tenants. This will ensure the proposed situation is maintain in the future and by future property owners.

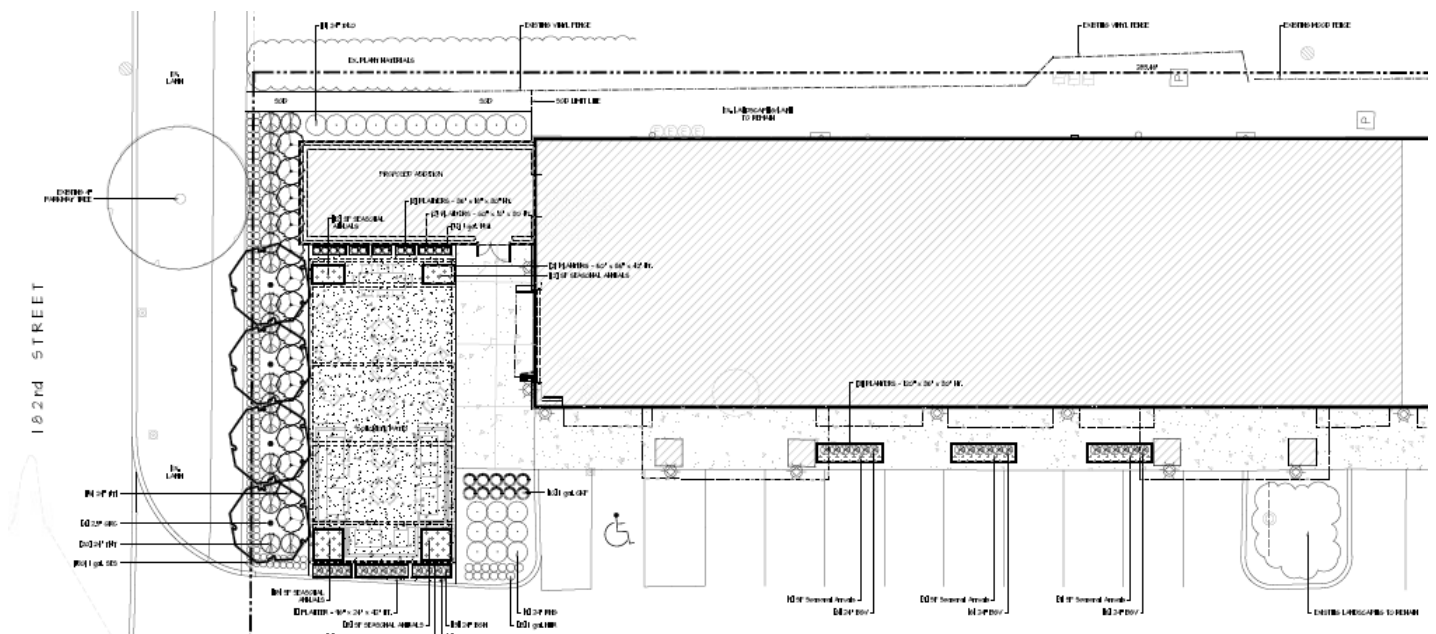
**Open Item #3: Discuss the removal of the development's northernmost trash enclosure and staff's recommended condition related to the requirements that the property owner manages a single waste hauler contract on the property.**

## LANDSCAPING

The Petitioner proposes landscaping to help screen the new patio area and add beautification to the site. New landscaping is proposed at the north to help screen the patio area from the residences across 182<sup>nd</sup> Street which are in close proximity to the site. The three overgrown evergreens will be removed, and replaced with four crimson spire oak trees north of the patio area as well as numerous plantings which provide full branching to the ground (yews and hydrangeas). Autumn moor grass is also provided. The oaks are deciduous, but when in season, they will provide additional buffering to the fence wall also included in the proposal. The fence wall will along the north side of the property will be solid cedar in a dark walnut finish, 10'-2" in height, up to the louvered trellis. The oaks, yews, hydrangeas, and autumn moor grass work in combination with the fence wall.



The building addition will receive foundational plantings, which will be visible from the right-of-way since the addition will only be ten feet from the property line (approximately 12 feet from the sidewalk). The yews and hydrangeas will be on the north side, and the rear (west) will have a line of several bushes also branching to the ground. The addition's west side will have planters containing piglet dwarf fountain grass, which appears as a green wall on the rendering. Between the proposed patio and parking, the 3 burning bushes will be removed and replaced with several containers of feather reed grass and daylilies with gro-low sumacs. The proposed planters between the patio's west edge and drive aisle will have green mountain boxwood. Similarly, the three large walkway planters west of the existing tenant space will have green velvet boxwoods.



Overall the proposed landscaping changes are design to keep an attractive looking site within a limited area. Additionally, the landscaping has been designed to help buffer views and noise to the patio form neighboring residential properties.

**Open Item #4: Discuss the proposed screening (landscaping and fencing) from the nearby residences.**

**Open Item #5: Discuss height of piglet dwarf fountain grass on the addition's west wall.**

## ARCHITECTURE

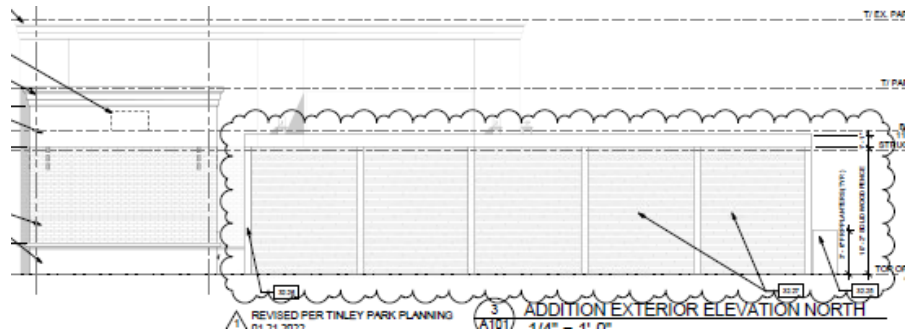


*Proposed Rendering Looking East*

The addition's materials are proposed to match the existing building. The existing building is mostly a combination of brick and painted stucco, topped with a cornice. The existing base is split face CMU, separated below the brick with a horizontal band. The existing building also has awnings and light fixtures with a set of three small stone decorative rectangular elements below. The addition will be very similar to the existing building, with materials arranged to visually match and align. Materials will include the cornice and stucco to match existing, brick (Hebron, Brandywine color), and a stone base (Readingrock, Rockface/chiseled finish, Crème Buff color) with a horizontal band. The colors appear similar to existing building. The addition includes the three decorative rectangular elements, two sets on the north façade, and one set on the rear (east) façade. The west (rear) façade will have a roof scupper with combined overflow box and downspout. The scupper and downspout are similar to the other tenants further south along that façade of the existing building. The addition will have a set of hollow metal double doors on the west façade, facing Harlem Avenue. The addition will be 15' high, which is inclusive of a deep parapet which will conceal the addition's new rooftop condenser unit, as shown dashed in on the exterior elevations. The existing building is 20'-6" high.



*Existing (L), Proposed (R)*



Northeast rendering (L), North elevation (R)

The proposed fence will be solid privacy-style cedar in a dark walnut finish. The north fence will be a 10'-2" wall above the finish surface at the patio, whereas the west and south sides will be 52" high to help open up the patio. The height of the solid fence wall is substantial. The trellis over the patio will be a louvered canopy in a black finish to match the awnings. The patio will include an open seating and a banquette. Light fixtures are proposed on the trellis posts and beams.

Several planters are proposed around the tenant space. The patio area will have permanent FRP fiberglass reinforced in a black color. Between the patio's west edge and drive aisle there will be 3'-6" tall black planters. The drawings identify two smaller planters flanking a larger one. The west elevation (sheet A101) incorrectly shows them as 2'-6". Five permanent planters are proposed at the addition's west wall (sizes vary). Four planters are also on the inside corners of the patio's trellis.

The Petitioner has not yet identified the final specifications of the three large walkway planters west of the existing tenant space, but has provided a manufacturer's specification sheet showing available options. The Petitioner notes the final color will be based on having material samples from the manufacturer to allow all parties to select a finish in line with the existing building façade. The samples have been ordered. Staff has noted that these walkway planters, which will require permit review, should have material equal to or complementing the existing brick/stone materials, and that potential future additional planters throughout the Cornerstone Centre development should be in the same style with general availability. Consultation should be made with the property owner on this. Staff suggests the planters be removable if tenant spaces break up in the future.

Two of the existing building's three existing light fixtures on the north façade will remain. The easternmost light fixture will be removed to accommodate the building addition.

The existing building's north façade will be modified to have a Nanawall operable partition system in aluminum and glass, with a finish matching the building's existing storefront systems, which are a reddish brown. It will replace the existing single door with flanking windows. The existing black awning will remain.

There is some variety of color and design from the proposal to the existing building. Though the Nanawall partition framing and the building addition (stucco, brick, and stone) will be similar to the existing building, the patio's planters and trellis are proposed black, and the fence's color is a dark walnut (likely darker than the renderings portray). The black will be similar to the existing building's black awnings, but the visual effect of the color should be considered given the scale of trellis, fencing, and planters.

**Open Item #6: Discuss the architectural compatibility (color, aesthetics, etc.) among the proposed site improvements (addition, patio, fencing with trellis, planters) and the existing building. Consider the height of the north fence wall.**

**Open Item #7: Confirm/correct heights of patio planters on the drawings.**

**Open Item #8: Discuss the design and permanence of three large walkway planters west of the existing tenant space in relation to potential additional planters throughout the development.**

## LIGHTING

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Two types of light fixtures are proposed in the trellis which include eight wall sconces on the posts and 12 surface ceiling downlights on the beams. The fixtures do not have up-lighting or sag lenses which meet the Zoning Ordinances code requirement prohibiting sag lenses. The downcast nature avoids offsite glare from occurring when the light source is visible.

The photometric plan shows the north curb as zero-foot candles, and no higher than 0.10 foot candles around the north property line. The proposal meets the Zoning Ordinance's code requirement of maximum 0.10 foot candles at the property line from nonresidential to residential properties.

## SIGNAGE AND PARKING

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An illuminated wall sign is proposed on the west entry of the existing tenant space. The signage will be 40 square feet (14'-0" x 2'-9 1/2"), halo lit, with dark blue steel letters in the Bernound font. The sign plan was amended in 2019 to remove previous requirements for sign type, style, color, and font and matches the zoning ordinance requirements for wall signage. The existing ground signs will be utilized with new tenant panels and no changes to the structures. The proposed signs comply the Sign Plan and Zoning ordinance requirements.



*Proposed Wall Signage*

## SUMMARY OF OPEN ITEMS

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Staff identified the following open items for discussion at the workshop:

- 1. Confirm and note the square footage of building addition and concrete patio on the site plan.**
- 2. Staff is recommending the site plan approval be conditioned upon final engineering and Building Department review and approval.**
- 3. Discuss the removal of the development's northernmost trash enclosure and staff's recommended condition related to the requirements that the property owner manages a single waste hauler contract on the property.**
- 4. Discuss the proposed screening (landscaping and fencing) from the nearby residences.**
- 5. Discuss height of piglet dwarf fountain grass on the addition's west wall.**
- 6. Discuss the architectural compatibility (color, aesthetics, etc.) among the proposed site improvements (addition, patio, fencing with trellis, planters) and the existing building. Consider the height of the north fence wall.**
- 7. Confirm/correct heights of patio planters on the drawings.**
- 8. Discuss the design and permanence of three large walkway planters west of the existing tenant space in relation to potential additional planters throughout the development.**

## STANDARDS FOR SITE PLAN APPROVAL

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Section III.T.2. of the Zoning Ordinance requires that the conditions listed below must be met and reviewed for Site Plan approval. Specific findings are not required but all standards shall be considered to have been met upon review from the Plan Commission.

### Architectural

- a. Building Materials: The size of the structure will dictate the required building materials (Section V.C. Supplementary District Regulations). Where tilt-up or pre-cast masonry walls (with face or thin brick inlay) are allowed vertical articulation, features are encouraged to mask the joint lines. Concrete panels must incorporate architectural finishes that comply with "Building Articulation" (Section III.U.5.h.) standards. Cast in place concrete may be used as an accent alternate building material (no greater than 15% per façade) provided there is sufficient articulation and detail to diminish it's the appearance if used on large, blank walls.
- b. Cohesive Building Design: Buildings must be built with approved materials and provide architectural interest on all sides of the structure. Whatever an architectural style is chosen, a consistent style of architectural composition and building materials are to be applied on all building facades.
- c. Compatible Architecture: All construction, whether it be new or part of an addition or renovation of an existing structure, must be compatible with the character of the site, adjacent structures and streetscape. Avoid architecture or building materials that significantly diverge from adjacent architecture. Maintain the rhythm of the block in terms of scale, massing and setback. Where a development includes outlots they shall be designed with compatible consistent architecture with the primary building(s). Site lighting, landscaping and architecture shall reflect a consistent design statement throughout the development.
- d. Color: Color choices shall consider the context of the surrounding area and shall not be used for purposes of "attention getting" or branding of the proposed use. Color choices shall be harmonious with the surrounding buildings; excessively bright or brilliant colors are to be avoided except to be used on a minor scale for accents.
- e. Sustainable architectural design: The overall design must meet the needs of the current use without compromising the ability of future uses. Do not let the current use dictate an architecture so unique that it limits its potential for other uses (i.e. Medieval Times).
- f. Defined Entry: Entrance shall be readily identifiable from public right-of-way or parking fields. The entry can be clearly defined by using unique architecture, a canopy, overhang or some other type of weather protection, some form of roof element or enhanced landscaping.
- g. Roof: For buildings 10,000 sf or less a pitched roof is required or a parapet that extends the full exterior of the building. For buildings with a continuous roof line of 100 feet or more, a change of at least five feet in height must be made for every 75 feet.
- h. Building Articulation: Large expanses of walls void of color, material or texture variation are to be avoided. The use of material and color changes, articulation of details around doors, windows, plate lines, the provision of architectural details such as "belly-bands" (decorative cladding that runs horizontally around the building), the use of recessed design elements, exposed expansion joints, reveals, change in texture, or other methods of visual relief are encouraged as a means to minimize the oppressiveness of large expanses of walls and break down the overall scale of the building into intermediate scaled parts. On commercial buildings, facades greater than 100 feet must include some form of articulation of the façade through the use of recesses or projections of at least 6 inches for at least 20% of the length of the façade. For industrial buildings efforts to break up the long façade shall be accomplished through a change in building material, color or vertical breaks of three feet or more every 250 feet.
- i. Screen Mechanicals: All mechanical devices shall be screened from all public views.
- j. Trash Enclosures: Trash enclosures must be screened on three sides by a masonry wall consistent with the architecture and building material of the building it serves. Gates must be kept closed at all times and

constructed of a durable material such as wood or steel. They shall not be located in the front or corner side yard and shall be set behind the front building façade.

#### Site Design

- a. Building/parking location: Buildings shall be located in a position of prominence with parking located to the rear or side of the main structure when possible. Parking areas shall be designed so as to provide continuous circulation avoiding dead-end parking aisles. Drive-through facilities shall be located to the rear or side of the structure and not dominate the aesthetics of the building. Architecture for canopies of drive-through areas shall be consistent with the architecture of the main structure.
- b. Loading Areas: Loading docks shall be located at the rear or side of buildings whenever possible and screened from view from public rights-of-way.
- c. Outdoor Storage: Outdoor storage areas shall be located at the rear of the site in accordance with Section III.O.1. (Open Storage). No open storage is allowed in front or corner side yards and are not permitted to occupy areas designated for parking, driveways or walkways.
- d. Interior Circulation: Shared parking and cross access easements are encouraged with adjacent properties of similar use. Where possible visitor/employee traffic shall be separate from truck or equipment traffic.
- e. Pedestrian Access: Public and interior sidewalks shall be provided to encourage pedestrian traffic. Bicycle use shall be encouraged by providing dedicated bikeways and parking. Where pedestrians or bicycles must cross vehicle pathways a cross walk shall be provided that is distinguished by a different pavement material or color.

## **STANDARDS FOR A SPECIAL USE**

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Section X.J.5. of the Zoning Ordinance lists standards that need to be considered by the Plan Commission. The Plan Commission is encouraged to consider these standards (listed below) when analyzing a Special Use request. Staff will provide draft Findings in the Staff Report for the Public Hearing.

X.J.5. Standards: No Special Use shall be recommended by the Plan Commission unless said Commission shall find:

- a. That the establishment, maintenance, or operation of the Special Use will not be detrimental to or endanger the public health, safety, morals, comfort, or general welfare;
- b. That the Special Use will not be injurious to the use and enjoyment of other property in the immediate vicinity for the purposes already permitted, nor substantially diminish and impair property values within the neighborhood;
- c. That the establishment of the Special Use will not impede the normal and orderly development and improvement of surrounding property for uses permitted in the district;
- d. That adequate utilities, access roads, drainage, and/or other necessary facilities have been or are being provided;
- e. That adequate measures have been or will be taken to provide ingress and egress so designed as to minimize traffic congestion in the public streets; and
- f. That the Special Use shall, in all other respects, conform to the applicable regulations of the district in which it is located, except as such regulations may in each instance be modified by the Village Board pursuant to the recommendation of the Plan Commission. The Village Board shall impose such conditions and restrictions upon the premises benefited by a Special Use Permit as may be necessary to ensure compliance with the above standards, to reduce or minimize the effect of such permit upon other properties in the neighborhood, and to better carry out the general intent of this Ordinance. Failure to comply with such conditions or restrictions shall constitute a violation of this Ordinance.
- g. The extent to which the Special Use contributes directly or indirectly to the economic development of the community as a whole.

It is also important to recognize that a Special Use Permit does not run with the land and instead the Special Use Permit is tied to the Petitioner. This is different from a process such as a variance, since a variance will forever apply to the property to which it is granted. Staff encourages the Plan Commission to refer to Section X.J.6. to examine the conditions where a Special Use Permit will expire.

## RECOMMENDATION

Following a successful workshop, proceed to a Public Hearing at the February 17, 2022 Plan Commission meeting.

## LIST OF REVIEWED PLANS

Submitted Sheet Name	Prepared By	Date On Sheet
Application (Redacted)	Petitioner	8/31/21
RJ's Seafood Business Plan Presentation	FRG	n/a
2013 ALTA/ACSM Survey of Cornerstone Centre Development	Tech3 per FCS	6/2013
Narrative	FCS	n/a
Architectural Drawings	FCS	1/21/22
Civil Plans	EVA	1/21/22
Condensing Unit Spec at Addition	Manufacturer per FCS	n/a
Landscape Plan	PS	1/21/22
Planter Spec at Patio	Manufacturer per FCS	n/a
Planter Spec at Existing Tenant Walkway (Storefront Sidewalk)	Manufacturer per FCS	n/a
Photometric Plan at Patio	KSA	1/12/22
Lighting Spec – Patio L12 Luminis Light	Manufacturer per FCS	n/a
Lighting Spec – Patio L13 Bowman Light	Manufacturer per FCS	n/a
Landlord Letter Regarding Waste	Property Owner	1/24/22
Waste and Grease Removal Plan	Property Owner	n/a

FRG = Francesca's Restaurant Group

Tech3 = Tech3 Consulting Group

FCS = FC Studio

EVA = EVA Design and Engineering

PS = Pamelaself Landscape Architecture

KSA = KSA Lighting & Controls

PL. 2021-09-00338



Village of Tinley Park  
Community Development Dept.  
18250 S. Oak Park Ave.  
Tinley Park, IL 60477  
(708) 211-5000

VILLAGE OF TINLEY PARK, ILLINOIS  
PLANNING AND ZONING GENERAL APPLICATION

**REQUEST INFORMATION**

\*Additional Information is Required for Specific Requests as Outlined in Specific Addendums

- ☒ Special Use for: building addition
- ☒ Planned Unit Development (PUD) ☐ Concept ☐ Preliminary ☐ Final ☒ Deviation
- ☐ Variation ☐ Residential ☐ Commercial for \_\_\_\_\_
- ☐ Annexation
- ☐ Rezoning (Map Amendment) From \_\_\_\_\_ to \_\_\_\_\_
- ☐ Plat (Subdivision, Consolidation, Public Easement) ☐ Preliminary ☐ Final
- ☒ Site Plan
- ☐ Landscape Change Approval
- ☐ Other: \_\_\_\_\_

**PROJECT & PROPERTY INFORMATION**

Project Name: RJ's Seafood Co.

Project Description: building addition

Project Address: 18201 N. Harlem Ave Property Index No. (PIN): 28-31-306-045-0000, 28-31-306-045-0001

Zoning District: B-4 Lot Dimensions & Area: 42'x60'

Estimated Project Cost: [REDACTED]

**OWNER OF RECORD INFORMATION**

Please supply proper documentation of ownership and/or designated representative for any corporation.

Name of Owner: Ramzi Hassan Company: Cornerstone Centre, LLC

Street Address: [REDACTED] City, State & Zip: [REDACTED]

E-Mail Address: [REDACTED] Phone Number: [REDACTED]

**APPLICANT INFORMATION**

☐ Same as Owner of Record

All correspondence and invoices will be sent to the applicant. If applicant is different than owner, "Authorized Representative Consent" section must be completed.

Name of Applicant: Scott A. Harris Company: RJ's Seafood Company, LLC

Relation To Project: Owner

Street Address: [REDACTED] City, State & Zip: [REDACTED]

E-Mail Address: [REDACTED] Phone Number: [REDACTED]



Village of Tinley Park  
Community Development Dept  
Planning & Zoning  
Tinley Park, IL 60471  
Tel: 815-330-3100

## VILLAGE OF TINLEY PARK, ILLINOIS PLANNING AND ZONING GENERAL APPLICATION

### Authorized Representative Consent

It is required that the property owner or his designated representative be present at all requests made to the Plan Commission and Zoning Board of Appeals. During the course of a meeting, questions may arise regarding the overall project, the property, property improvements, special conditions attached to recommendations among other aspects of any formal request. The representative present must have knowledge of the property and all aspects of the project. They must have the authority to make commitments related to the project and property. Failure to have the property owner or designated representative present at the public meeting can lead to substantial delays to the project approval. If the owner cannot be present or does not wish to speak at the public meeting, the following statement must be signed by the owner for an authorized representative.

I hereby authorize \_\_\_\_\_ (print clearly) to act on my behalf and advise that they have full authority to act as my/our representative in regards to the subject property and project, including modifying any project or request. I agree to be bound by all terms and agreements.

Property Owner Signature: \_\_\_\_\_

Property Owner Name (Print): Ramzi Hassan

### Acknowledgements

- Applicant acknowledges, understands and agrees that under Illinois law, the Village President (Mayor), Village Trustees, Village Manager, Corporation Counsel and/or any employee or agent of the Village or any Planning and Zoning Commission member or Chair, does not have the authority to bind or obligate the Village in any way and therefore cannot bind or obligate the Village. Further, Applicant acknowledges, understands and agrees that only formal action (including, but not limited to, motions, resolutions, and ordinances) by the Board of Trustees, properly voting in an open meeting, can obligate the Village or confer any rights or entitlement on the applicant, legal, equitable, or otherwise.
- Members of the Plan Commission, Zoning Board of Appeals, Village Board as well as Village Staff may conduct inspections of subject site(s) as part of the pre-hearing and fact finding review of requests. These individuals are given permission to inspect the property in regards to the request being made.
- Required public notice signs will be obtained and installed by the Petitioner on their property for a minimum of 10 days prior to the public hearing. These may be provided by the Village or may need to be produced by the petitioner.
- The request is accompanied by all addendums and required additional information and all applicable fees are paid before scheduling any public meetings or hearings.
- Applicant verifies that all outstanding fees and monies owed to the Village of Tinley Park have been paid.
- Any applicable recapture, impact, engineering, contracted review or other required fees and donations shall be paid prior to issuance of any building permits, occupancy permits, or business licenses.
- The Owner and Applicant by signing this application certify that the above information and all supporting addendums and documentation is true and correct.

Property Owner Signature: \_\_\_\_\_

Property Owner Name (Print): Ramzi Hassan

Applicant Signature:  
(If other than Owner)

Applicant's Name (Print): Scott A. Harris

Date: 8/31/2021



Village of Tinley Park  
Community Development Dept.  
16250 S. Oak Park Ave.  
Tinley Park, IL 60477  
708-444-5100

## VILLAGE OF TINLEY PARK, ILLINOIS SPECIAL USE ADDENDUM

### **APPLICATION & SUBMITTAL REQUIREMENTS**

A complete application consists of the following items submitted in a comprehensive package. If materials are submitted separately or are incomplete they may not be accepted and may delay the review and hearing dates until a complete application package is received. The following information is being provided in order to assist applicants with the process of requesting a **Special Use** permit from the terms of the Zoning Ordinance (Section 5-B). This information is a summary of the application submittal requirements and may be modified based upon the particular nature and scope of the specific request.

Depending upon meeting schedules, legal notification requirements, and the specific type and scope of the request, this process generally takes between 45 to 60 days from the date of submission of a complete application package. Please schedule a pre-application meeting with Planning Department staff to review the feasibility of the proposal, discuss applicable Ordinance requirements, discuss submittal requirements, and receive some preliminary feedback on any concept plans prior to making a submittal.

- ☐ General Application form is complete and is signed by the property owner(s) and applicant (if applicable).
- ☐ Ownership documentation is submitted indicating proper ownership through a title report or title policy. If a corporation or partnership, documentation of the authorized agent must be supplied as well. All beneficiaries of a property must be disclosed.
- ☐ A written project narrative detailing the general nature and specific aspects of the proposal being requested. Details on any employee numbers, parking requirements, property changes, existing uses/tenants, hours of operation or any other business operations should be indicated. Any additional requests such as Site Plan approval or a Variation should be indicated in the narrative as well.
- ☐ A Plat of Survey of the property that is prepared by a registered land surveyor and has all up-to-date structures and property improvements indicated.
- ☐ Site Plan and/or Interior layout plans that indicate how the property and site will be utilized.
- ☐ Responses to all Standards for a Special Use on the following page (can be submitted separately along with the narrative, but all standards must be addressed).
- ☐ \$500 Special Use hearing fee.

## **STANDARDS AND CRITERIA FOR A SPECIAL USE**

Section X.J. of the Village of Tinley Park Zoning Ordinance requires that no Special Use be recommended by the Plan Commission unless the Commission finds that all of the following statements, A-G listed below, are true and supported by facts. Petitioners must respond to and confirm each and every one of the following findings by providing the facts supporting such findings. The statements made on this sheet will be made part of the official public record, will be discussed in detail during the public meetings and will be provided to any interested party requesting a copy. Please provide factual evidence that the proposed Special Use meets the statements below. If additional space is required, you may provide the responses on a separate document or page.

- A. That the establishment, maintenance, or operation of the Special Use will not be detrimental to or endanger the public health, safety, morals, comfort, or general welfare.**

Yes, that is correct.

- B. That the Special Use will not be injurious to the use and enjoyment of other property in the immediate vicinity for the purposes already permitted, nor substantially diminish and impair property values within the neighborhood.**

Yes, that is correct.

- C. That the establishment of the Special Use will not impede the normal and orderly development and improvement of surrounding property for uses permitted in the district.**

Yes, that is correct.

- D. That adequate utilities, access roads, drainage, and/or other necessary facilities have been or are being provided.**

All existing and to remain.

- E. That adequate measures have been or will be taken to provide ingress and egress so designed as to minimize traffic congestion in the public streets.**

All existing and to remain.

- F. That the Special Use shall in all other respects conform to the applicable regulations of the district in which it is located, except as such regulations may in each instance be modified by the Village Board pursuant to the recommendation of the Plan Commission.**

Yes, it conforms to all applicable regulations of its district.

- G. The extent to which the Special Use contributes directly or indirectly to the economic development of the community as a whole.**

It will provide new jobs to local residents as well as drive business to the areas.

# RJ's Seafood CO

18201 S. Harlem Avenue  
Tinley Park, Illinois

COMING SOON!



# Our Story

Founded in 1992 by Restaurateur Scott Harris, Francesca's Restaurants Group has grown from a small, welcoming Italian restaurant on Chicago's North Clark Street to a restaurant group of six concepts across 23 locations and two states. Based in Chicago, Francesca's Restaurant Group currently owns and operates 14 Francesca's Restaurants, 2 Davanti Enoteca, 4 Fat Rosie's Taco & Tequila Bar, Disotto, Joe's Imports and Vasili's.

Harris discovered his love for the culinary arts in high school while working at Fox's Pub on the South Side of Chicago. Hired as a dishwasher, he quickly found his way into the kitchen learning from the head Chef, and then continued on to attend Joliet Jr. Culinary School. He spent the next 15 years training at prestigious restaurants around Chicago and once he discovered the joys of authentic Italian cuisine, he fell in love.

With a focus on high quality yet simple ingredients, Harris has applied the same successful business model to each new location and concept since opening his first restaurant in 1992 – provide every customer with delicious fare, a comfortable environment and friendly service – and they will continue to come back.





## Our Mission

At Francesca's Restaurant Group our goal is to provide our guests with a hospitable, fun & friendly dining experience. Our passion for fresh, high-quality food, craveable cocktails and excellence in service creates memorable moments for our guests. We strive to be your neighborhood restaurant, where you are always treated like one of the family.

# RJ's Seafood CO



# The RJ's Seafood Co. Menu

All of the classics you know & love, and a boatload of new favorites! The menu at RJ's Seafood Co. brings the best of coastal cuisine to the Midwest with a chef-curated menu featuring grilled oysters, Cajun seafood boil, lobster rolls, and fish and chips, plus steaks, chops and salads for you land-lovers too. Incredible food, everyone shucks!



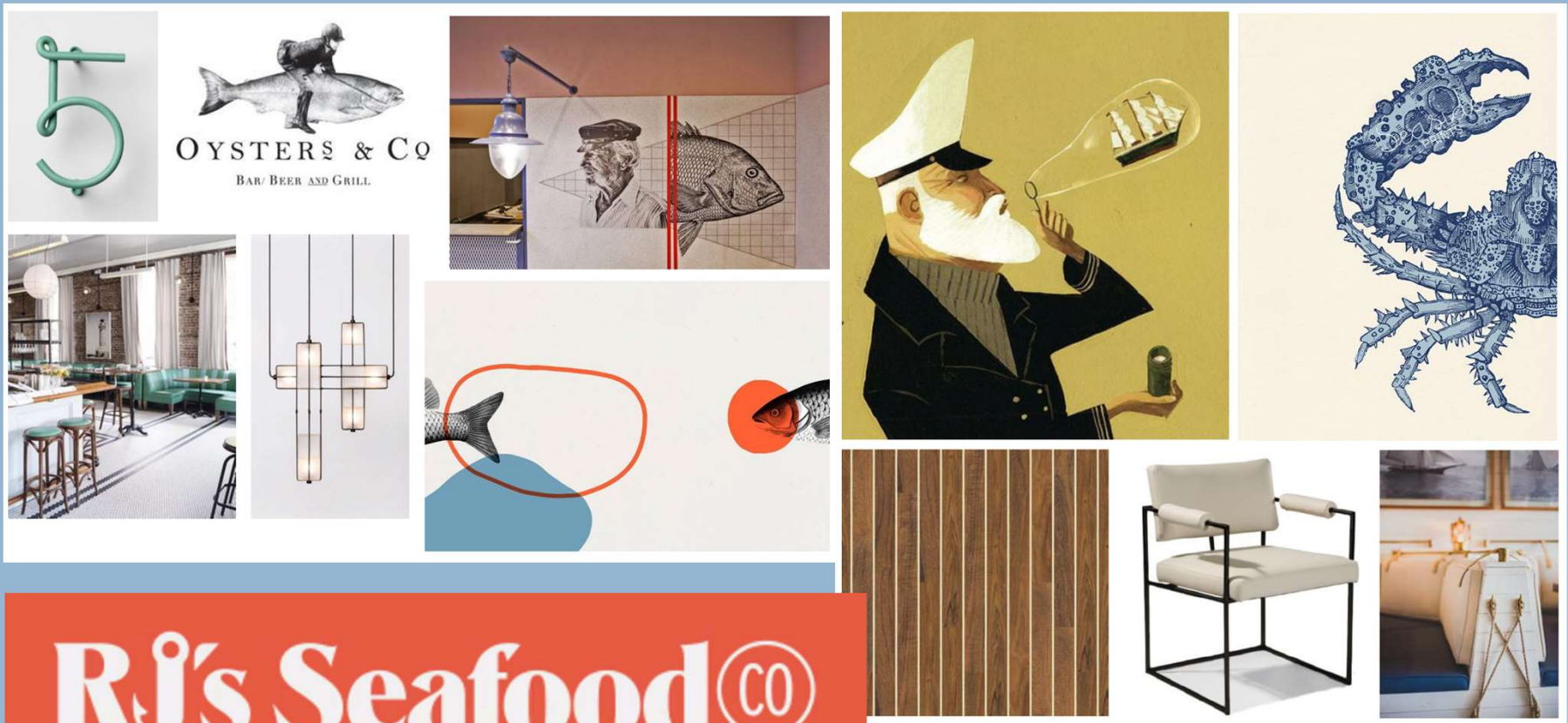
# The RJ's Seafood Co. Beverage Program

Pair your perch with Prosecco, or your mahi with a Mai Tai. Whatever floats your boat, RJ's Seafood Co. offers an array of local craft beers, handmade cocktails and wine to wet your whistle. Our bar features 6 rotating beer taps, and seasonal sippers shaken (or stirred) to order!



# The RJ's Seafood Co. Experience

Kick back, relax & enjoy some seriously delicious seafood with a healthy dose of humor! RJ's Seafood Co. is whimsical, inviting and full of fun. Belly up to the bar for a plate of freshly shucked oysters or join your crew in the dining room with a towering octopus overhead. Soak up some sun on the patio, or host a seaside soiree in our private dining room. Clam you dig it?



**RJ's Seafood®**



*Francesca's*  
RESTAURANTS

  
disotto

*Davanti*  
Enoteca

JOE'S IMPORTS  
WINE BAR

 **FAT ROSIE'S**  
TACO & TEQUILA BAR

VASILIS

Corporate Office  
2200 E. Devon Ave, Suite 250  
Des Plaines, IL 60018  
773-334-8368

## CONTACT INFORMATION

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Owner/President  
O. 773-334-8368  
[scott@miafrancesca.com](mailto:scott@miafrancesca.com)

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C. 312-550-2113  
[jaysen@miafrancesca.com](mailto:jaysen@miafrancesca.com)

Jonathan Beatty  
Director of Culinary Innovation  
C. 312-613-3552  
[jonathan@miafrancesca.com](mailto:jonathan@miafrancesca.com)

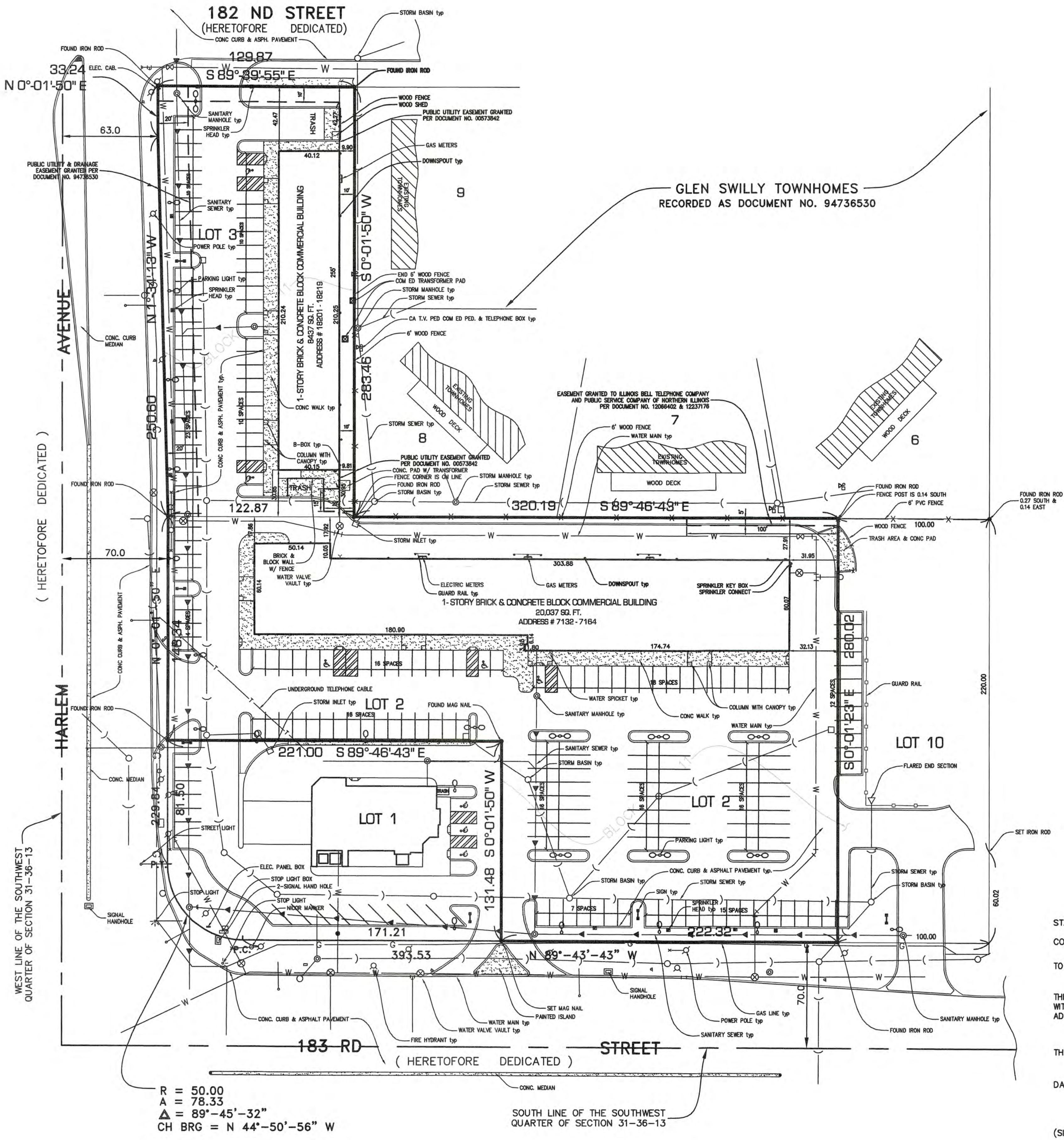
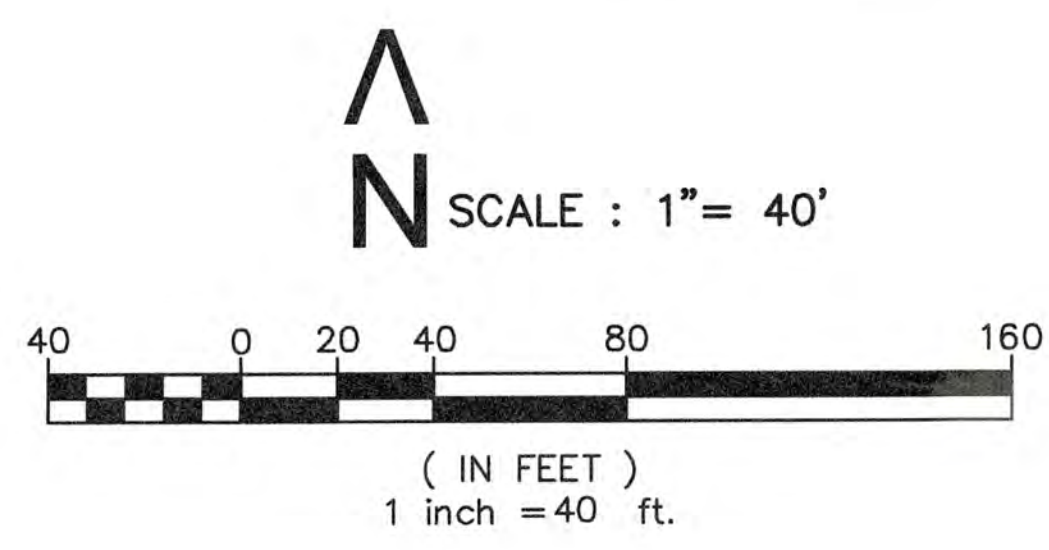
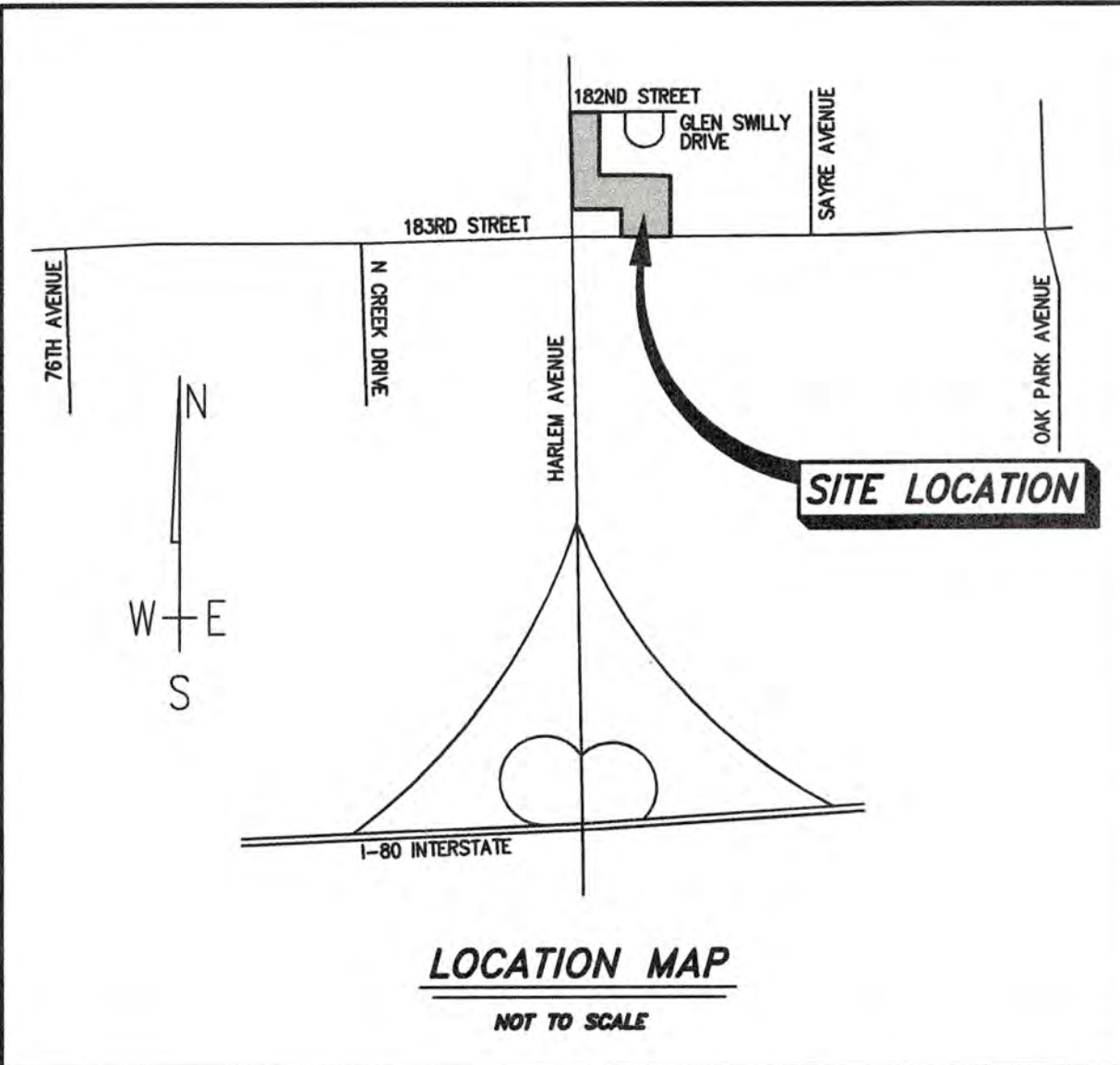
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Rachel Crowl / FC Studio Inc.  
Architect & Designer  
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[rachel@fcstudioinc.com](mailto:rachel@fcstudioinc.com)

ENGINEERS SURVEYORS  
737 West Exchange St. Crete, IL 60417  
ph 708.672.4994 fax 708.672.3739

ALTA/ACSM LAND TITLE SURVEY



LEGAL DESCRIPTION  
LOTS 2 AND 3 IN CORNERSTONE CENTRE, BEING A RESUBDIVISION OF PART OF ELMORE'S HARLEM AVENUE ESTATES AND PART OF GLEN SWILLY TOWNHOMES, BEING SUBDIVISIONS OF PART OF THE WEST HALF OF SECTION 31, TOWNSHIP 36 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN; EXCEPTING THEREFROM THAT PART TAKEN FOR THE WIDENING OF HARLEM AVENUE AND 183RD STREET AS PER DOCUMENT NO. 19877126; IN COOK COUNTY, ILLINOIS.

- NOTES:
- LOTS 2 AND 3 IN CORNERSTONE CENTRE ARE SUBJECT TO A NON-EXCLUSIVE ACCESS EASEMENT AGREEMENT RECORDED AS DOCUMENT NO. 99870286
  - ALL PROPERTY HEREON DESCRIBED SUBJECT TO A RECIPROCAL GRANT OF EASEMENT FOR STORM SEWER AND STORM WATER DISCHARGE.
  - CHICAGO TITLE INSURANCE COMPANY COMMITMENT NO. 1401 008933483 WITH AN EFFECTIVE DATE OF APRIL 26, 2013 WAS USED IN THE PREPARATION OF THIS SURVEY.
  - AN ASSUMED BASIS OF BEARINGS WAS USED IN THE PREPARATION OF THIS SURVEY.

TOTAL NUMBER OF PARKING SPACES  
171 REGULAR SPACES  
5 HANDICAP SPACES

TOTAL AREA = 130,815 SQ. FT.  
3.0031± ACRES

STANDARD SYMBOL LEGEND	
	WATERMAIN
	WATERMAIN AND VALVE BOX
	HYDRANT INSTALLATION
	WATERMAIN AND VALVE PIT
	WATER SERVICE W/ 7/8\"/>
	SANITARY SEWER AND MANHOLE
	STORM SEWER AND MANHOLE
	STORM SEWER AND HEADWALL
	INLET AND STORM BASIN
	CATCH BASIN AND STORM SEWER
	FENCE
	PROPERTY LINE
	PARKING LIGHT
	L&T BURIED CABLE
	GAS LINE
	POWER LINE POLE
	ELECTRICAL TRANSFORMER
	ELECTRICAL PEDESTAL

AN EXAMINATION HAS BEEN MADE OF THE FLOOD INSURANCE RATE MAP OF THE NATIONAL FLOOD INSURANCE PROGRAM FOR THIS AREA OF THE VILLAGE OF TALEY PARK, COOK COUNTY, ILLINOIS. BEING MAP NUMBER 17030076 F EFFECTIVE DATE: NOVEMBER, 2004. THE NATIONAL FLOOD INSURANCE PROGRAM HAS DETERMINED THAT THE ABOVE DESCRIBED PROPERTY IS DESIGNATED AS ZONE "X" DEFINED AS AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOODPLAIN. THIS STATEMENT IS FOR FLOOD INSURANCE PURPOSES ONLY AND DOES NOT NECESSARILY INDICATE ALL AREAS SUBJECT TO FLOODING.

STATE OF ILLINOIS }  
COUNTY OF WILL } SS  
TO : CORNERSTONE CENTRE, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY; CHICAGO TITLE INSURANCE COMPANY; WB PAD HOLDINGS IV, LLC; OLD PLANK TRAIL COMMUNITY BANK  
THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH 2011 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 3, 4, 7(A) & 9 OF TABLE THEREOF.

THE FIELD WORK WAS COMPLETED ON JUNE 6, 2013  
DATE OF PLAT OR MAP: JUNE 11, 2013

(SIGNED) *William J. Stepek*  
WILLIAM J. STEPEK

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2430  
LICENSE EXPIRES: NOVEMBER 30, 2014

ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184 - 002235  
LICENSE EXPIRES: APRIL 30, 2015



JOB NO. 13017

Architect of Record

FCSTUDIO inc.  
2545 W Diversey Ave.,  
Suite 236  
Chicago, IL 60647  
312.850.0850



RJ's SEAFOOD  
SITE ADDENDUM  
18201 SOUTH HARLEM AVENUE,  
TINLEY PARK, IL 60477

Key Plan

Issued For

Drawn By:  
Author  
Project Coordinator  
Checker  
Project Manager  
Approver

09.08.2021

PLAT OF SURVEY

G000

## RJ Seafood Narrative

Proposed seafood restaurant in the existing Tin Fish restaurant tenant space. Proposed new addition to house additional B.O.H equipment, to support anticipated busy restaurant operations and storage needs. The addition will match the existing building finish material. Those materials consist of: split face cmu, Brick, painted stucco, and a cornice detail along the top. There is also a proposed nana wall to be installed on the north elevation of the existing building. This will allow for a more open feel to the restaurant and more seamless transition from inside to outside. The addition is being proposed on the existing asphalt trash area, with no impact on existing parking spots. Landscape surroundings the addition to the north consist of grass and evergreen trees, which are to be replaced and new proposed landscape will be added. Refer to Landscape plans for new landscape. To the east mulch in the 10' easement, and hardscape to the west including an asphalt driveway and concrete sidewalk all to remain as is. Trash area will be relocated to the existing trash area on the south end of the building. A new patio and canopy are proposed over the existing drive aisle to the west of the new addition. The patio will include fencing and landscape to help screen and reduce noise from the patio area. A new nana wall system will be added to the north elevation of the tenant space in order to create a direct access to the new patio space. Furthermore, an air curtain will be provided at the nana wall to keep out insects. Pest control service will also be provided to ensure no rodents are entering building through nana wall system. The restaurant will have working hours of operation between 11:00a-10:00p daily. It will employ an anticipated 60 local residents of Tinley Park.

Tenants will no longer need to provide their own service or coordinate for service through third party brokers. Reduction of carbon emissions resulting from fewer trash hauler visits to each site. Improved customer service - dedicated account representatives handling all trash and recycling needs. Less wear and tear on the property - reduces upkeep and maintenance costs of the shopping center. Fewer trash cans on the property that can be unsightly and that create security risks. Assurance that trash and recycling program is compliant with code and other regulatory requirements.

The loading / unloading will occur in the drive aisle in front of the proposed patio daily between the hours of 7am-10am. We anticipate these will be the hours of the day with less traffic in and out of the shopping center and therefore limit the disruptions to other business.

# RJ's SEAFOOD - SITE ADDENDUM

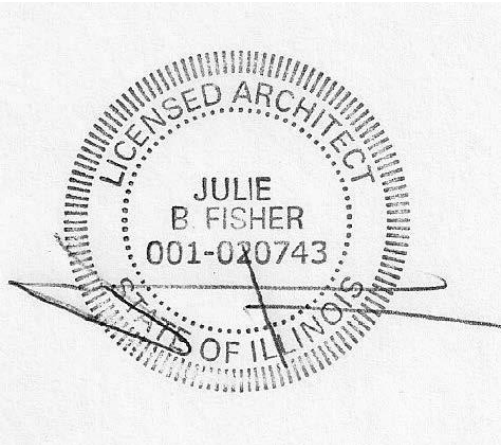
18201 SOUTH HARLEM AVENUE, TINLEY PARK, IL 60477

REVISED PER TINLEY PARK  
PLANNING  
01.21.2022



<b>OWNER</b> FRANCESCA'S RESTAURANT GROUP  2200 E DEVON AVE #250 DES PLAINES, IL 60018 (T) 773-334-8368  -	<b>CIVIL ENGINEER</b> EVA Design and Engineering  420 W HURON STREET, CHICAGO, IL 60654 (T) 312-291-1846  INFO@EVA-ENG.COM	<b>MEP Engineers</b> Element Energy Consulting, LLC  1 S. WACKER DRIVE, #200 CHICAGO, IL 60606 (T) 312-620-9984  DAN@ELEMENT-CO.COM	<b>STRUCTURAL ENGINEER</b> Clark Baurer, SE  -2441 N. SPAULDING AVE CHICAGO, IL 60647 (T) 312-498-0226  CTBAURER@CTBSE.COM	<b>GENERAL CONTRACTOR</b> Chas Bender CO.  2256 WEST WALNUT STREET CHICAGO, IL 60612 312-374-3385  INFO@CHASBENDER.COM
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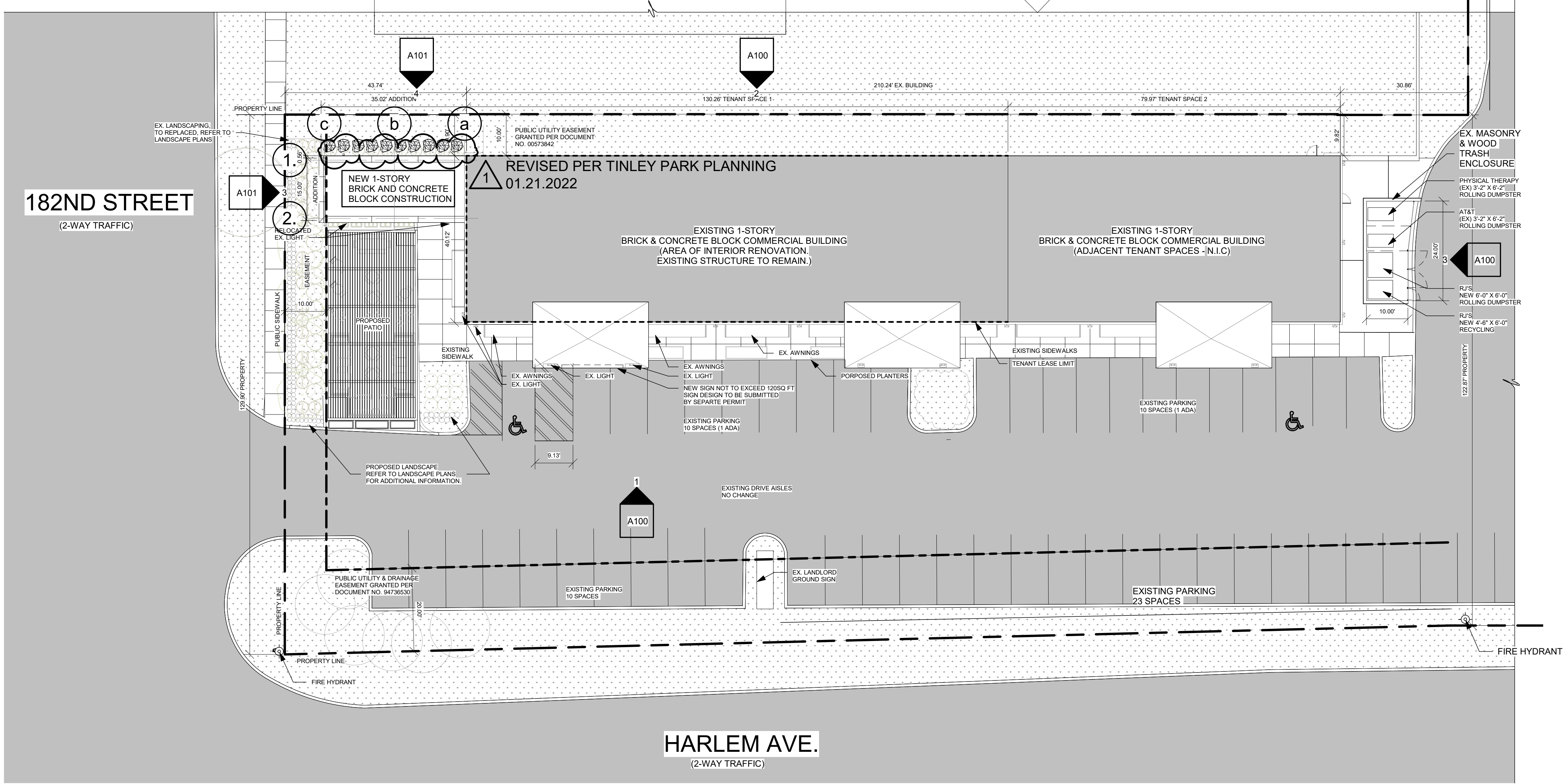
**ARCHITECT OF RECORD**  
**FC STUDIO INC.**  
2545 W DIVERSEY AVE STE. 236  
Chicago, IL 60647  
312-850-0850  
fcstudioinc.com  
  
Contact: Julie Fisher



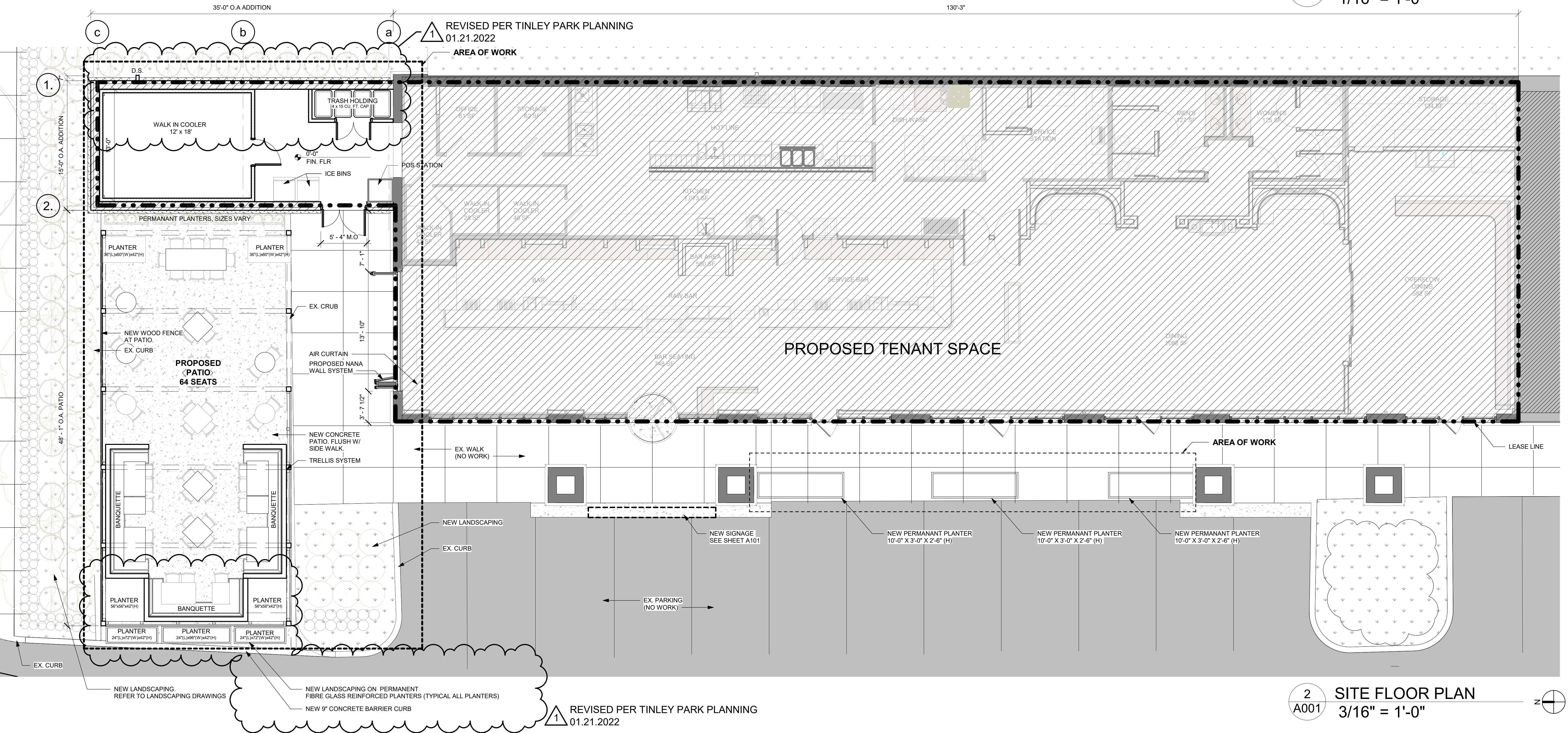
FC  
STUDIO



ZONING ANALYSIS TABLE		
PLANNED UNIT DEVELOPMENT		
LAND AREA IN ACRES AND SQUARE FEET	130,815 SQ.FT 3.0031 ACRES	
BUILDING AREA IN SQUARE FEET	8,437 SQ. FT. TOTAL (EXISTING) 5,193 SQ. FT (TENANT SPACE 1) EXISTING 3,244 SQ. FT (TENANT SPACE 2/3) (N.I.C.)EXISTING 482 SQ. FT (ADDITION) NEW	
SET BACKS	REAR EASEMENT - 10 FT SIDE EASEMENT - 10 FT FRONT EASEMENT - 20FT	
FLOOR AREA RATIO	0.06 F.A.R.	
LOT COVERAGE	22.5% EXISTING 23% PROPOSED	
HEIGHT OF BUILDING AND STRUCTURES	20' - 6" EXISTING BUILDING 15' - 0" NEW ADDITION	
PERCENTAGE OF GREEN SPACE	10% EXISTING	
PARKING SPACES	TOTAL EXISTING 171 REGULAR SPACES 5 HANDICAP SPACES	
BUILDING MATERIAL PERCENTAGE		
MATERIAL	TOTAL SQ. FT	PER WALL
STUCCO	382 SQ. FT. (32%)	E/ W wall 169sq ft per wall    N wall 72 sq ft
BRICK	607 SQ. FT. (51%)	E/ W wall 268 sq ft per wall    N wall 115 sq ft
SPLIT FACE CMU	197 SQ. FT. (17%)	E/ W wall 87 sq ft per wall    N wall 37 sq ft



1 OVERALL SITE PLAN  
1/16" = 1'-0"



2 SITE FLOOR PLAN  
3/16" = 1'-0"

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ARCHITECTURE + INTERIORS

**RJ's SEAFOOD**  
**SITE ADDENDUM**  
18201 SOUTH HARLEM AVENUE,  
TINLEY PARK, IL 60477

Key Plan

Issued For  
SUBMISSION TO TINLEY PARK PLANNING 12.23.21  
Δ1 REVISED PER TINLEY PARK PLANNING 01.21.22

Drawn By:  
Author  
Project Coordinator  
Checker  
Project Manager  
Approver

ARCHITECTURAL  
SITE PLAN / FLOOR  
PLAN

**A001**

Architect of Record

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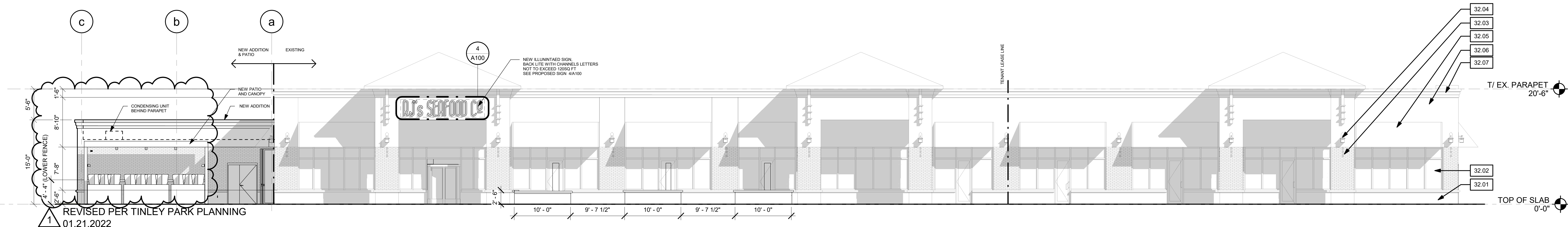
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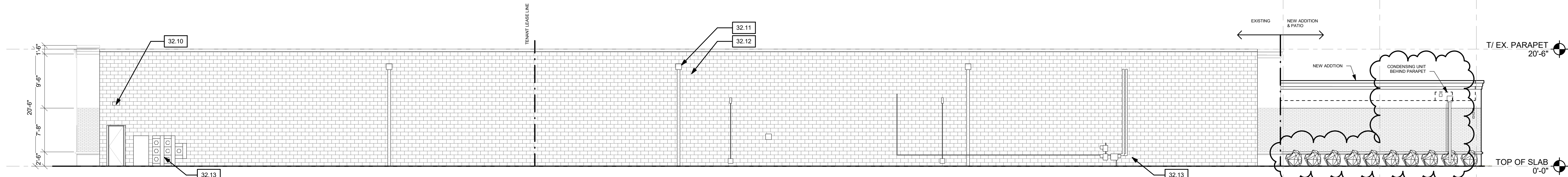
01.21.2022

EXTERIOR  
ELEVATIONS

A100

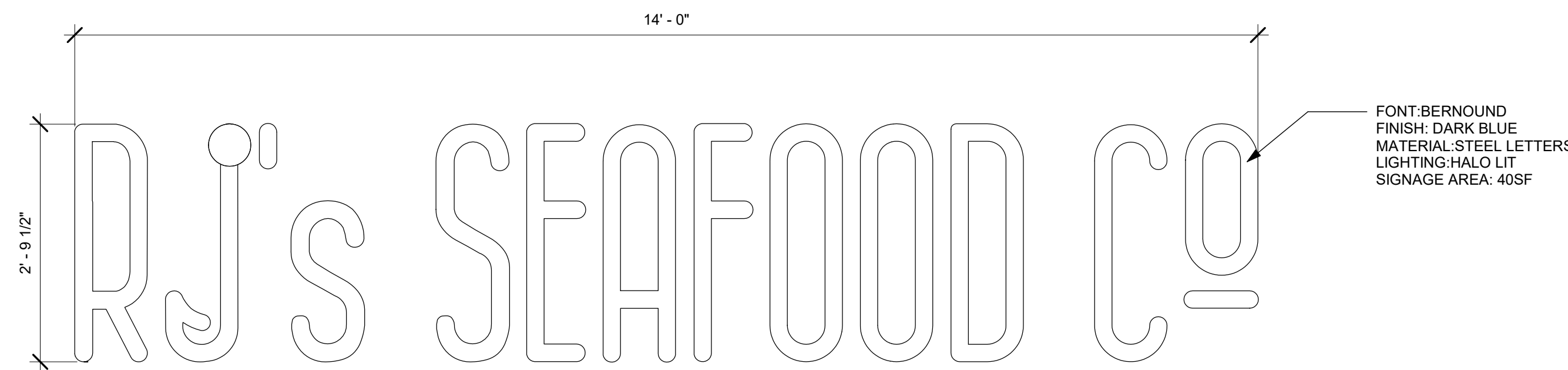


1 EXTERIOR ELEVATION WEST  
1/8" = 1'-0"

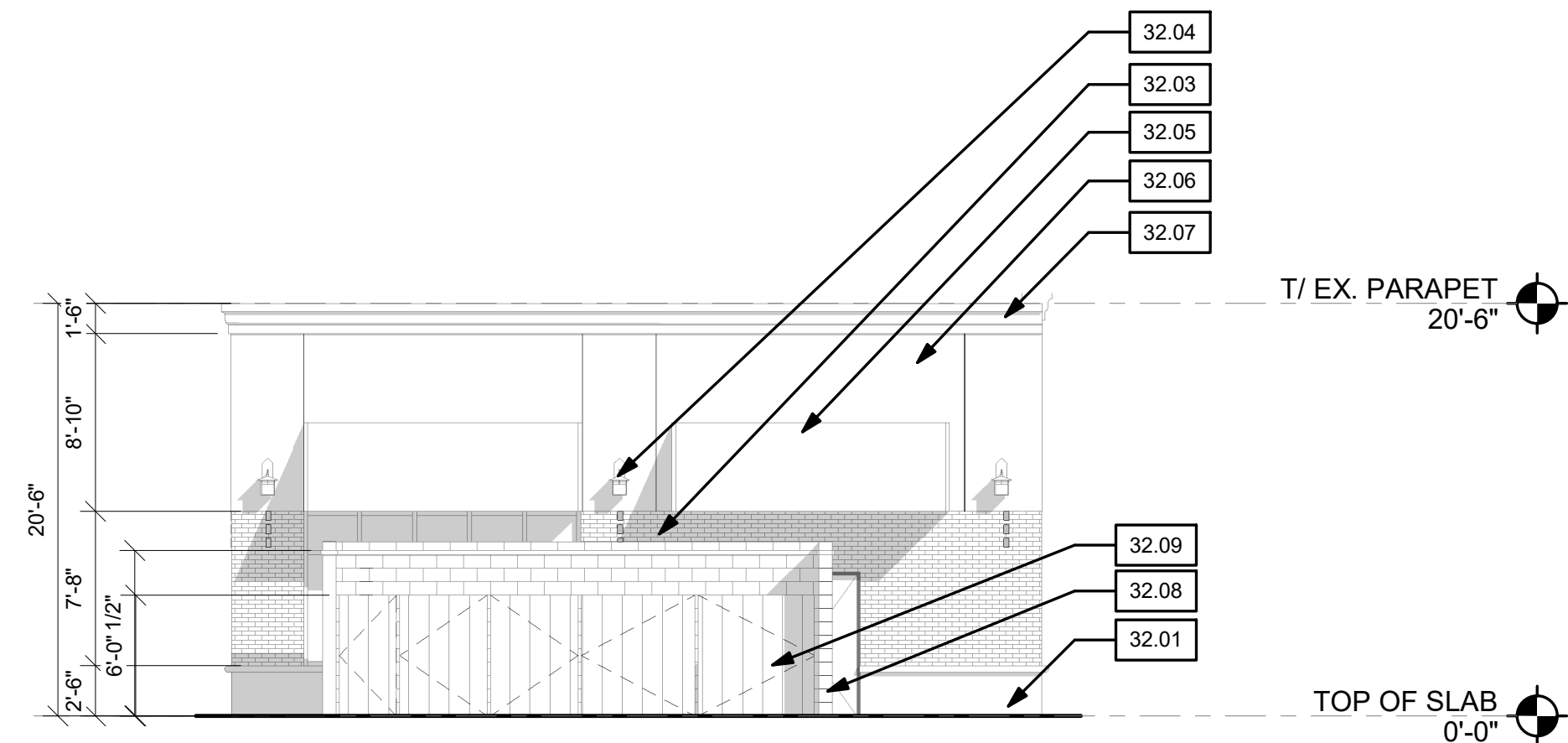


2 EXTERIOR ELEVATION EAST  
1/8" = 1'-0"

SITE ADDENDUM KEYNOTES	
Key Value	Keynote Text
32.01	EX. SPLIT FACE CMU.
32.02	EX. STORE FRONT.
32.03	EX. BRICK.
32.04	EX. LIGHT TYP.-
32.05	EX. AWNING.
32.06	EX. PAINTED STUCCO.
32.07	EX. CORNICE.
32.08	EX. MASONRY TRASH ENCLOSURE.
32.09	EX. WD. DOORS.
32.10	EX. LIGHT.
32.11	EX. ROOF SCUPPER.
32.12	EX. CMU BLOCK.
32.13	EX. SERVICE TO REMAIN.



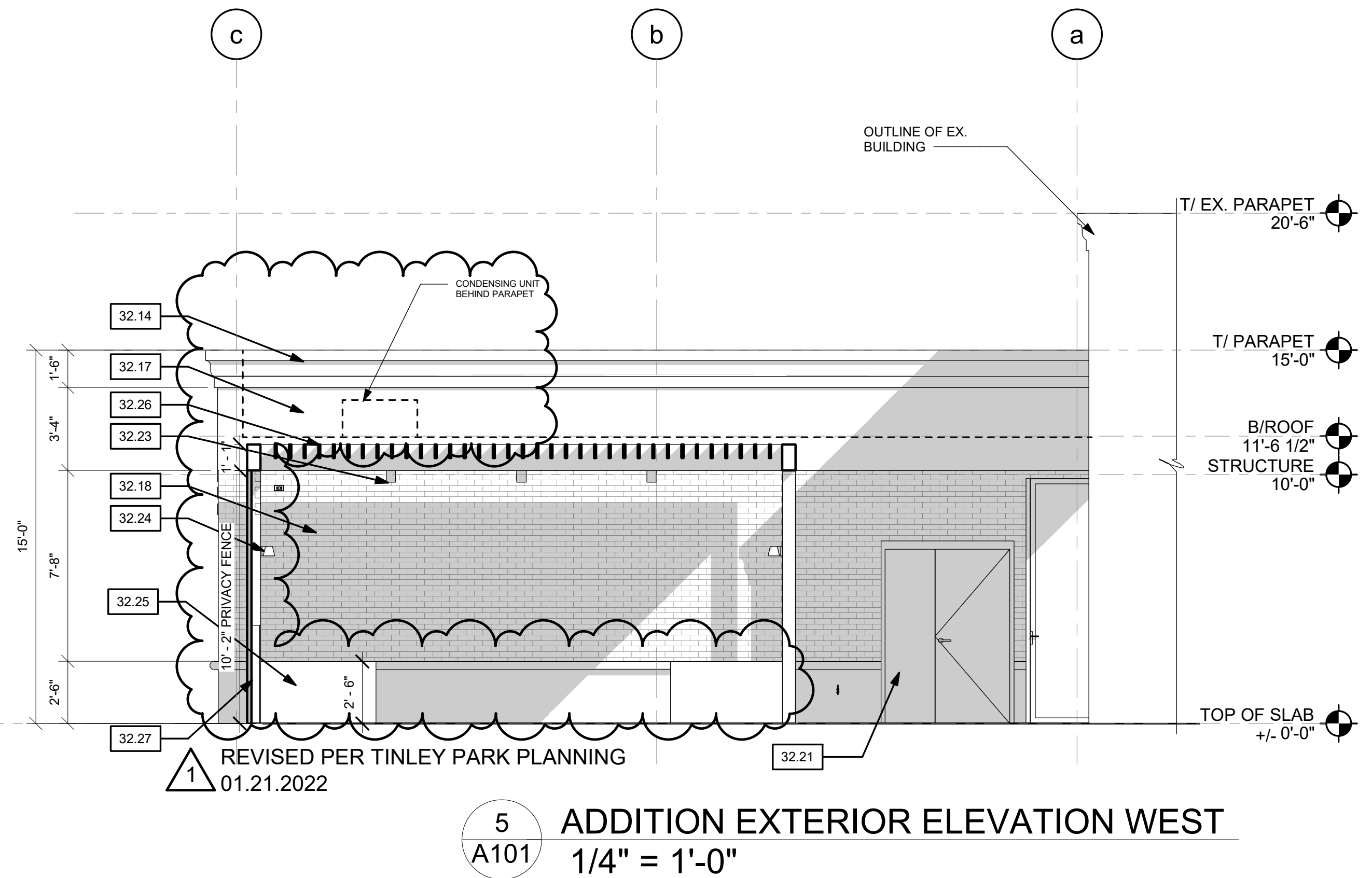
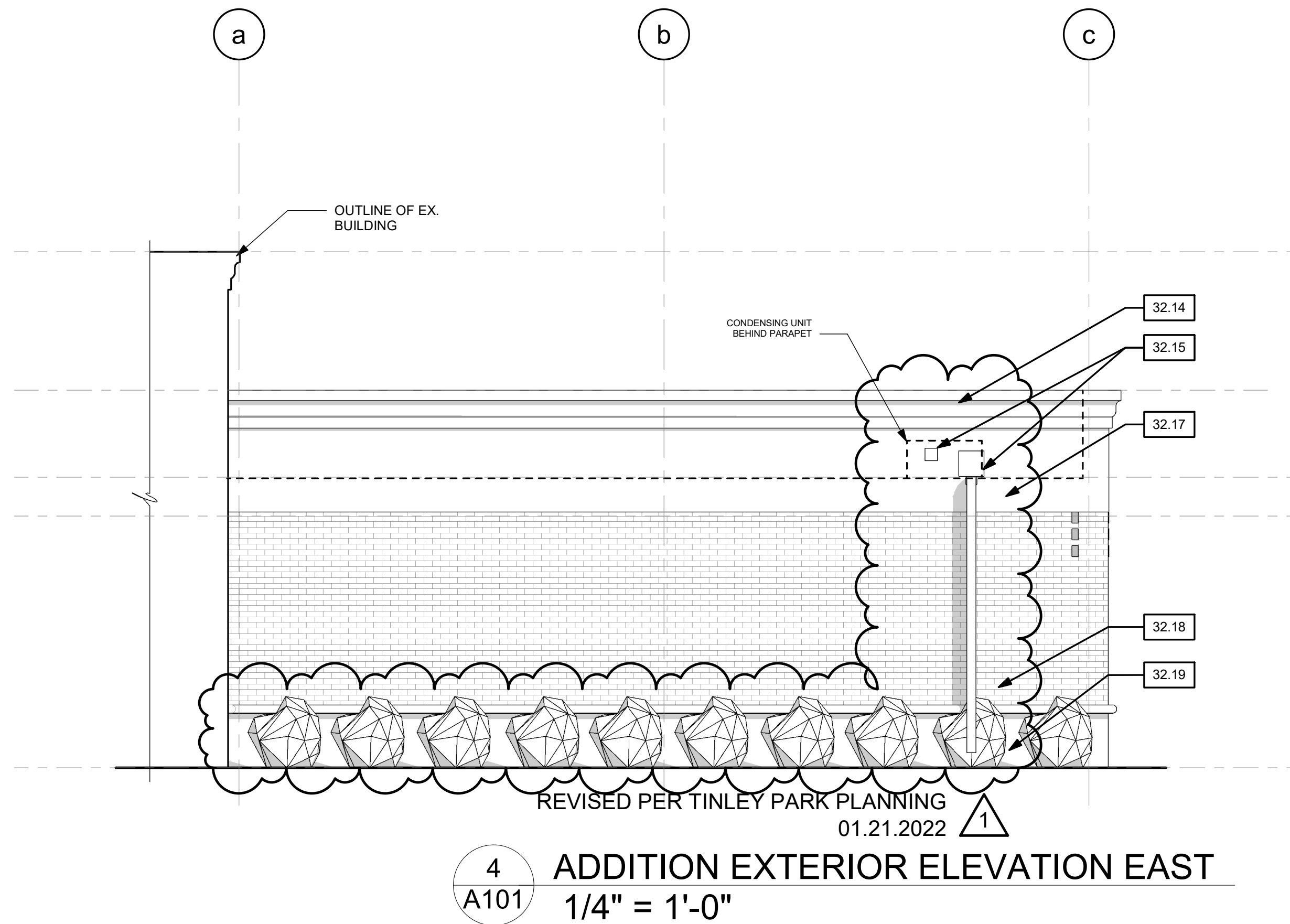
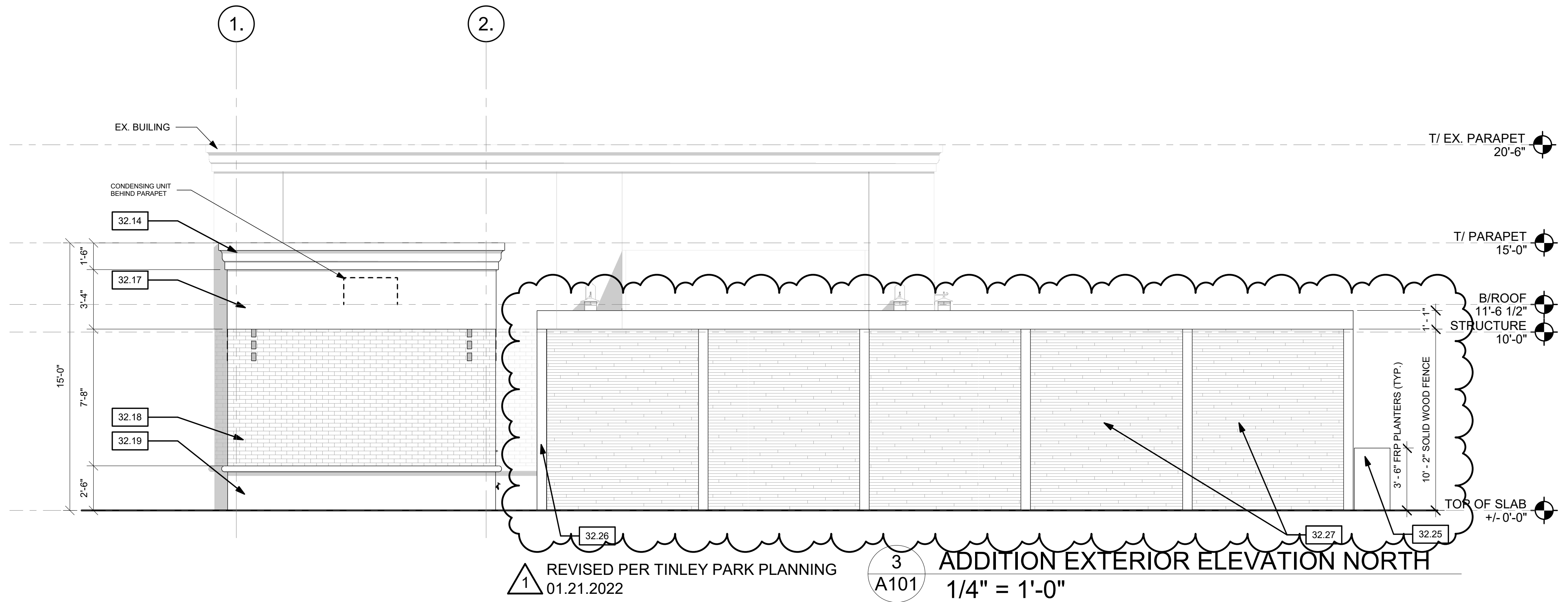
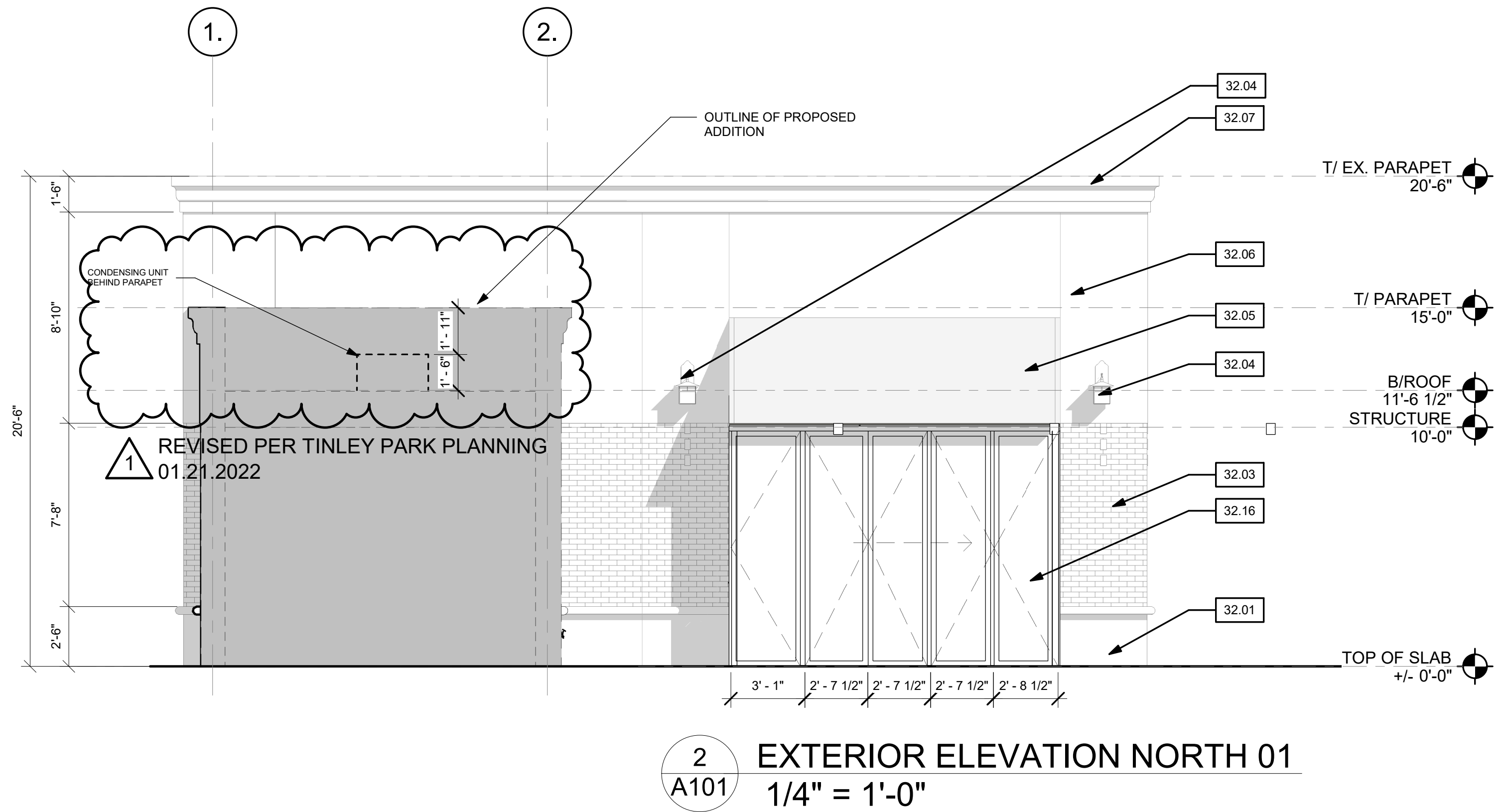
4 ENLARGED SIGN ELEVATION  
3/4" = 1'-0"



3 EXTERIOR ELEVATION SOUTH  
1/8" = 1'-0"

REVISED PER TINLEY PARK PLANNING  
01.21.2022

SITE ADDENDUM KEYNOTES	
Key Value	Keynote Text
32.01	EX. SPLIT FACE CMU.
32.03	EX. BRICK.
32.04	EX. LIGHT TYP.
32.05	EX. AWNING.
32.06	EX. PAINTED STUCCO.
32.07	EX. CORNICE.
32.14	NEW CORNICE TO MATCH EXISTING.
32.15	NEW SCUPPER BOX WITH COMBINED OVERFLOW TO MATCH EXISTING. DOWN SPOUT TO SPLASH ON GRADE.
32.16	NEW NANA WALL SLIDING ALUMINUM/GLASS DOOR SYSTEM FINISH TO MATCH EXISTING STOREFRONT.
32.17	NEW STUCCO TO MATCH EXISTING TO BE CONFIRMED.
32.18	NEW BRICK:BRICK NAME: BRANDYWINE, TEXTURE: RUSTIC, SIZE: UTILITY, MANUFACTURER: HEBRON BRICK COMPANY.
32.19	NEW STONE: MANUFACTURER: READINGROCK, TEXTURE: ROCKFACE/ CHISELED, COLOR:CREME BUFF.
32.21	NEW HOLLOW METAL DOOR, PAINT TO MATCH EXISTING STOREFRONT.
32.23	NEW CEILING MOUNTED LIGHTING. FINAL SPEC. TBD.
32.24	NEW WALL SCONCE. FINAL SPEC TBD. TOTAL OF 8, LOCATED AT 8 CENTER POST.
32.25	NEW PERMANENT PLANTERS. TOURNESOL FRP PLANTER SYSTEM. REFER TO PLAN FOR SIZING. FINISH COLORS TO BE DETERMINED.
32.26	NEW LOUVERED CANOPY. FINISH BLACK TO MATCH AWNINGS.
32.27	NEW SOLID WOOD FENCING. NORTH SIDE FENCE FULL HEIGHT TO BOTTOM OF PATIO AWNING STRUCTURE (122" HEIGHT"). WEST AND SOUTH SIDE FENCE 52" HEIGHT. CEDAR IN DARK WALNUT FINISH.



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Approver

EXTERIOR  
ELEVATIONS

A101



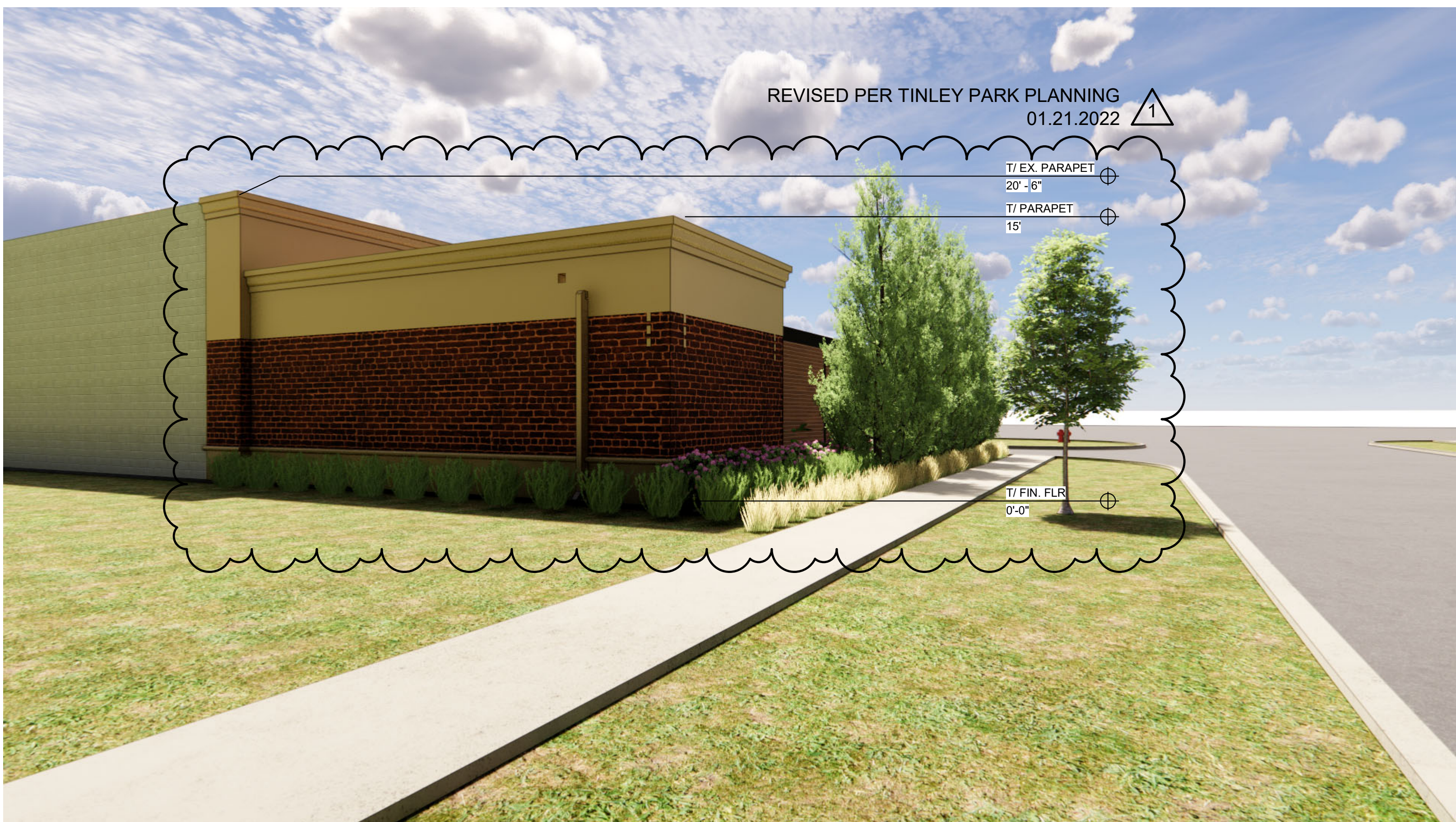
RENDERING VIEW 01



RENDERING VIEW 02



RENDERING VIEW 03



RENDERING VIEW 04

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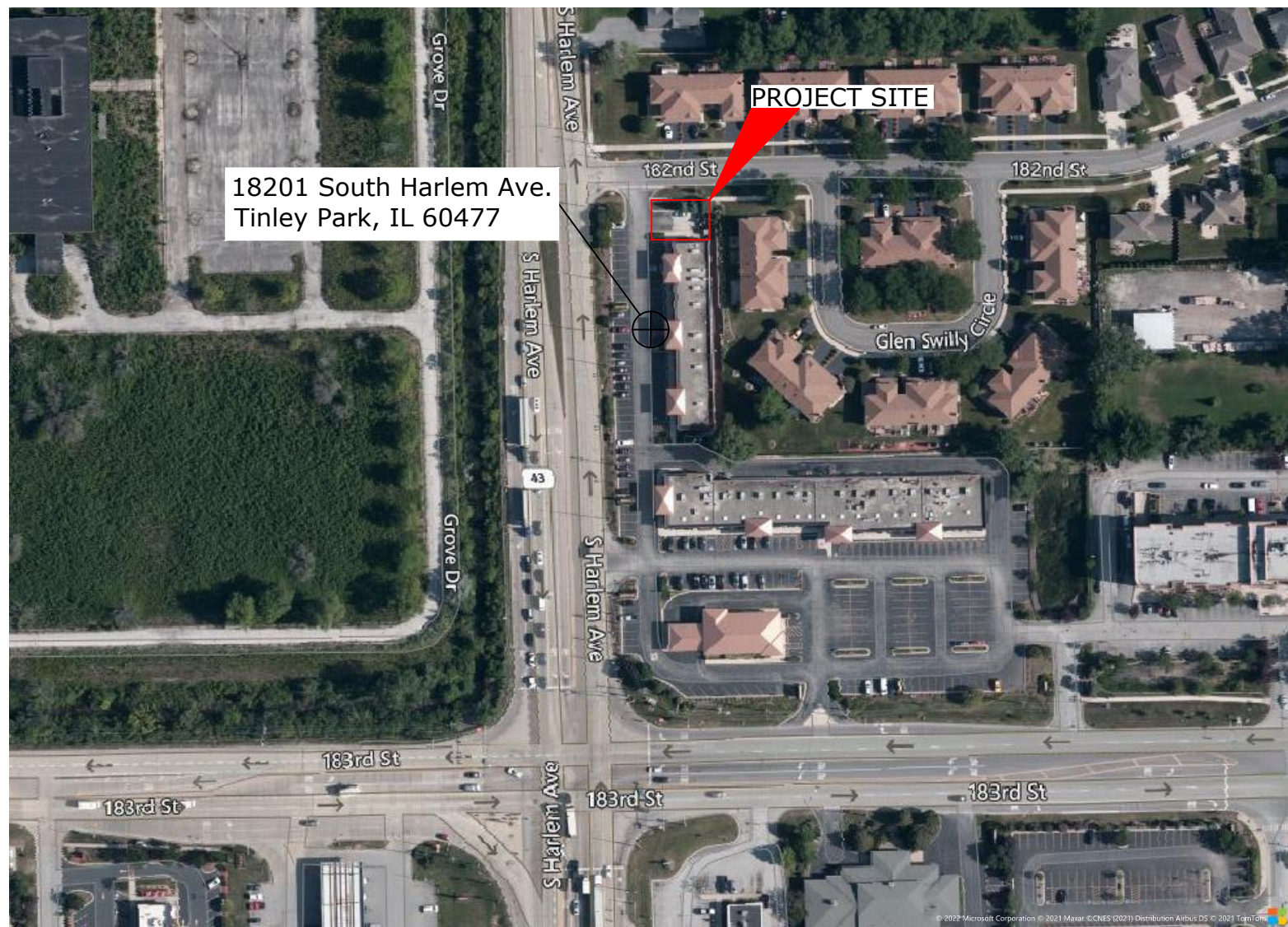
RENDERINGS

**A102**

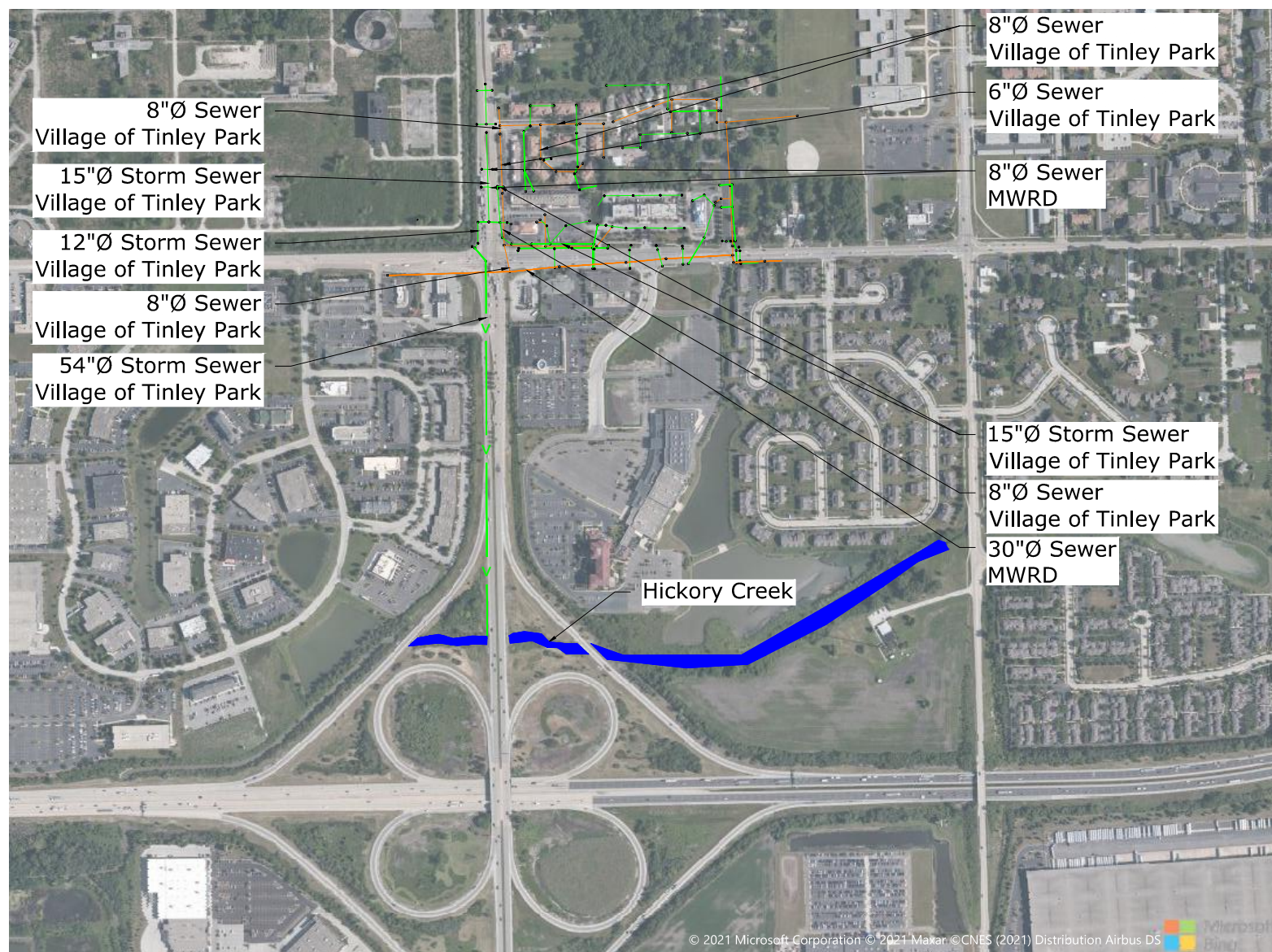
# Proposed Tenant Buildout/Addition

## Proposed Building Addition

18201 South Harlem Avenue  
Tinley Park, IL 60477



Location Map  
SCALE: 1" ~ 100'



Sewer/Storm Infrastructure Map  
SCALE: 1" ~ 800'

### GENERAL NOTES:

1. THE CONTRACTOR SHALL INDEMNIFY THE OWNER, ENGINEER, ARCHITECT, MUNICIPALITY, AND THEIR AGENTS, FROM ALL LIABILITY INVOLVED WITH THE WORK, INSTALLATION, AND INSPECTIONS ASSOCIATED WITH THE PROJECT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES AND EXPENSES ASSOCIATED TO COMPLETE THE WORK INCLUSIVE OF, BUT NOT LIMITED TO, PERMITS, INSPECTIONS, MOBILIZATION, DELIVERIES, UTILITY SERVICES (CONNECTIONS, RELOCATIONS, ETC.), MATERIALS, LABOR, SUPERVISION, AND EQUIPMENT.
3. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, CODES, AND REGULATIONS OF ANY PUBLIC BODY HAVING JURISDICTION, INCLUSIVE OF CONSTRUCTION, DEMOLITION, AND SAFETY OPERATIONS. ALL WORK SHALL BE IN ACCORDANCE WITH, INCLUDING, BUT NOT LIMITED TO:  
3.A. OSHA  
3.B. IEPA  
3.C. ADAAG  
3.D. MWRDGC  
3.E. VILLAGE OF TINLEY PARK  
IN CASE OF CONFLICT OF THE AFOREMENTIONED AGENCIES/REFERENCES LISTED (AND NOT LISTED), THE MORE STRINGENT SHALL TAKE PRECEDENCE.
4. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH EXISTING FIELD CONDITIONS PRIOR TO COMMENCING ANY WORK. THE CONTRACTOR IS CAUTIONED THAT UTILITIES SHOWN, OR NOT SHOWN, MAY NOT BE COMPLETE OR ACCURATELY REPRESENTED AT THE WORK SITE. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS. NOTIFY ENGINEER OF ANY CONFLICTS, POTENTIAL CONFLICTS, OR OTHER DISCOVERED CONDITIONS.
5. CONTRACTOR SHALL CONDUCT A UTILITY LOCATE PRIOR TO COMMENCING WITH ANY WORK. LOCATE ALL UTILITIES SHOWN AND AS INFORMED/DOCUMENTED DURING CONSTRUCTION OPERATIONS. MAINTAIN ALL MARKOUTS THROUGHOUT THE WORK. ONE CALL SERVICE TELEPHONE #: (800) 892-0123
6. NOTIFY ADJACENT PROPERTY OWNERS AND OBTAIN PERMISSION(S) PRIOR TO COMMENCING WORK, STAGING, STORING, OR OPERATING ON LANDS OWNED BY OTHERS.
7. CONTRACTOR SHALL USE CAUTION AND EXERCISE CARE WORKING AROUND UTILITIES AND ADJACENT PROPERTIES. DO NOT DISTURB OR INTERRUPT ANY UTILITY AND/OR PROPERTY WITHOUT APPROVAL OF OWNER(S) AND/OR SUBJECT SERVICE AGENCY. UTILITIES AND PROPERTIES DISTURBED/DAMAGED DURING CONSTRUCTION SHALL BE RECONSTRUCTED TO ITS ORIGINAL CONDITION. DAMAGES INCURRED BY THE CONTRACTOR DURING WORK OPERATIONS SHALL BE REPAIRED/RECONSTRUCTED AT THE CONTRACTOR'S EXPENSE.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, IMPLEMENTING, SUPERVISING ALL SAFETY PRECAUTIONS AND MEASURES FOR THE PROJECT SITE AND ASSOCIATED WORK.
9. REMOVE FROM SITE ALL DEBRIS, RUBBLE, MATERIAL WASTE, AND RESULTS FROM DEMOLITION FROM SITE, UNLESS STATED OTHERWISE. LAWFULLY REMOVE MATERIAL.
10. DISTURBED AREAS, WHETHER OR NOT INDICATED, SHALL BE RESTORED TO ITS ORIGINAL CONDITION.
11. BUILDING DOOR LOCATIONS SHOWN FOR REFERENCE. REFER TO BUILDING PLANS FOR CONSTRUCTION INFORMATION. COORDINATE BUILDING DOOR LOCATIONS WITH ARCHITECT.
12. PRODUCT SPECIFICATIONS REFERENCING IDOT SSRBC SHALL COMPLY WITH SUBJECT ARTICLE IN REGARDS TO MATERIALS AND INSTALLATION. PAYMENT AND ASSOCIATED CONSTRUCTION ADMINISTRATION SHALL BE PERFORMED IN ACCORDANCE WITH CONSTRUCTION CONTRACT PROCEDURES.
13. SUBMIT RECORDS OF AS-BUILT CONDITIONS TO OWNER/ENGINEER & VILLAGE ENGINEER. IDENTIFY ANY DEVIATIONS/MODIFICATIONS MADE DURING CONSTRUCTION ON AS-BUILTS. AS-BUILT DOCUMENTATION FOR SITE WORK SHALL BE PROVIDED BY A PROFESSIONAL LICENSED SURVEYOR--DOCUMENTATION SHALL IDENTIFY TOPOLOGY (IN REFERENCE TO PROJECT DATUM), DRAINAGE PATTERNS, INVERTS OF UTILITIES, NEW CONSTRUCTION, CURBS, CROWNS, FFE'S, ETC.

### SOIL EROSION AND SEDIMENT CONTROL:

1. SOIL EROSION AND SEDIMENT CONTROL [ESC] MEASURES AND DEVICES SHALL BE INSTALLED/IN EFFECT PRIOR TO THE COMMENCEMENT OF WORK. RETAIN ONE COPY OF THE APPROVED ESC PLAN AT THE SITE AT ALL TIMES.
2. ESC MEASURES AND DEVICES SHALL COMPLY WITH THE ILLINOIS URBAN MANUAL, MWRDGC, AND LOCAL VILLAGE REGULATIONS.
3. SEE SHEETS C-0.1 AND C-1.0 FOR FURTHER INFORMATION.

### GRADING AND EARTHWORK:

1. ALL EARTHWORK OPERATIONS, HANDLING, AND TRANSPORT SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS. DISPOSAL OF MATERIALS SHALL COMPLY WITH APPLICABLE ENVIRONMENTAL REGULATIONS.
2. CONDUCT EARTHWORK OPERATIONS AS TO MINIMIZE ANY EROSION AND SOIL MIGRATION. MAINTAIN ALL ACCESS WAYS AND ADJACENT PROPERTIES FREE OF DEBRIS, EROSION, DUST, AND SOIL MIGRATION.
3. EARTHWORK AND SOIL PREPARATION SHALL BE PERFORMED IN ACCORDANCE WITH PROJECT SPECIFICATION(S) AND IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT, AS PROVIDED IN PART OF THE PROJECT.
4. IN AREAS RECEIVING NEW PAVEMENT, THE SUBGRADE SHALL BE THOROUGHLY COMPACTED. THE AREA SHALL BE PROOFROLLED PRIOR TO THE PLACEMENT OF THE BASE COURSE; OTHER COMPACTION VERIFICATION METHODS SHALL BE PERMITTED WHERE PROOFROLLING OPERATIONS ARE PROHIBITED OR NOT FEASIBLE.
5. SHAPE SUBGRADE UNDER PAVEMENT TO LINE AND GRADE OF CROSS SECTION. VERIFY SUBGRADE PROFILE PRIOR TO CONSTRUCTING PAVEMENT. EXISTING PAVEMENT ADJACENT TO THE NEW PAVEMENT SHALL BE SAWCUT FULL DEPTH PRIOR TO PLACEMENT OF NEW HMA OR PCC.
6. ADJUST ALL STRUCTURE RIMS/FRAMES/GRATE FLUSH WITH FINISHED GRADE, UNLESS EXPLICITLY NOTED OTHERWISE.
7. FOR AREAS PROPOSED FOR ADA/BARRIER FREE ACCESS, THE CONSTRUCTION TOLERANCES SHALL COMPLY WITH THE SUBJECT REQUIREMENTS SET FORTH BY ADAAG (FEDERAL OR LOCAL, WHICH IS EVER MORE STRINGENT). EXERCISE CARE IN THE LAYOUT AND CONSTRUCTION OF CROSS SLOPES, LONGITUDINAL SLOPES, MARKINGS, ETC. IN AFOREMENTIONED AREAS. NOTIFY ENGINEER OF ANY DISCREPANCIES.

### UTILITY NOTES (AS APPLICABLE):

1. THE CONTRACTOR IS CAUTIONED THAT UTILITIES SHOWN, OR NOT SHOWN, MAY NOT BE COMPLETE OR ACCURATELY REPRESENTED AT THE SITE AND ADJACENT AREAS. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS. NOTIFY ENGINEER OF ANY CONFLICTS, POTENTIAL CONFLICTS, OR OTHER DISCOVERED CONDITIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING AND COORDINATING INSPECTIONS OF ALL WORK. ANY RECONSTRUCTION OR CORRECTIVE ACTION, AS A RESULT OF DEFICIENT WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE VILLAGE PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE START OF THE TESTING AND INSPECTION PROCESS.
3. ALL SEWER AND WATER UTILITY WORK SHALL BE IN ACCORDANCE WITH, INCLUDING, BUT NOT LIMITED TO:  
3.A. STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION  
3.B. MWRDGC  
3.C. VILLAGE OF TINLEY PARK  
IN CASE OF CONFLICT OF THE AGENCIES/REFERENCES LISTED (AND NOT LISTED), THE MORE STRINGENT SHALL TAKE PRECEDENCE.
4. SEWER AND WATERMAIN CROSSINGS/PROXIMITY:  
4.A. MAINTAIN A MINIMUM 10'-FEET OF HORIZONTAL CLEARANCE BETWEEN SEWERS AND WATERMANS.  
4.B. WHENEVER A SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES.  
4.C. IN THE EVENT THAT THE CLEARANCES LISTED ABOVE CANNOT BE MET, THE SEWER PIPE/JOINTS SHALL BE INSTALLED WITH A LOCALLY APPROVED WATER QUALITY PIPE MATERIAL. FURNISH AND INSTALL A CASING PIPE TO THE SEWER OR WATERMAIN TO THE EXTENTS OF THE AFOREMENTIONED HORIZONTAL CLEARANCE.  
4.D. WHENEVER A SEWER CROSSES OVER A WATERMAIN, THE SEWER PIPE/JOINTS SHALL BE INSTALLED WITH A LOCALLY APPROVED WATER QUALITY PIPE MATERIAL. FURNISH AND INSTALL A CASING PIPE TO THE SEWER OR WATERMAIN TO THE EXTENTS OF THE AFOREMENTIONED HORIZONTAL CLEARANCE.
5. ENSURE ADEQUATE/PROPER SAFETY, SUPPORT, AND PROTECTION OF ALL ADJACENT PROPERTIES AND UTILITIES DURING UTILITY WORK OPERATIONS.
6. ALL ABANDONED UTILITY PIPES SHALL BE BULKHEADED AND/OR MORTAR PLUGGED AT EACH END, TO THE SATISFACTION OF THE AGENCY HAVING JURISDICTION. PLUG SHALL CONSIST OF NON-SHRINK GROUT-24 INCHES IN LENGTH.
7. SEWER PIPE/JOINT SPECIFICATIONS:  
RCP: TYPE III MINIMUM ASTM C76 / ASTM C443  
DIP: CLASS 52 MINIMUM ANSI A21.51 / ANSI A21.11  
PVC: SDR-26: ASTM D2241 / ASTM D3139
8. ALL SUBSURFACE DIP SHALL BE INSTALLED WITH POLYWRAP.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEWATERING OPERATIONS.
10. ALL INSTALLED UTILITIES ARE SUBJECT TO INSPECTION BY THE AGENCY HAVING JURISDICTION. OBTAIN INSTALLATION APPROVAL(S) FROM AGENCY HAVING JURISDICTION PRIOR TO OPERATION OF SUBJECT UTILITY. PERFORM ALL CHLORINATION, PRESSURE TESTS, PLANARITY, AND OTHER TESTS/REPORTS AS REQUIRED OR REQUESTED BY AGENCY.

### DRAINAGE CERTIFICATION:

TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE DRAINAGE OF THE SURFACE WATERS WILL NOT BE CHANGED BY THE CONSTRUCTION OF THIS DEVELOPMENT OR ANY PART THEREOF, OR THAT IF SUCH SURFACE WATER DRAINAGE WILL BE CHANGED, REASONABLE PROVISION HAS BEEN MADE FOR THE COLLECTION AND DIVERSION OF SUCH SURFACE WATERS INTO PUBLIC AREAS OR DRAINS WHICH THE DEVELOPMENT HAS A RIGHT TO USE, AND THAT SUCH SURFACE WATERS WILL BE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DAMAGE TO THE ADJOINING PROPERTY BECAUSE OF THE CONSTRUCTION OF THE DEVELOPMENT.

### PROJECT NOTES:

1. THE ENGINEERING DOCUMENTS HEREIN HAVE BEEN FURNISHED UTILIZING DESIGN BASE DRAWINGS AND EXISTING CONDITIONS INFORMATION PROVIDED BY THE OWNER. THE BASE DRAWINGS HAVE BEEN ADJUSTED FOR CLARITY. BASE DRAWINGS/EXISTING CONDITIONS REFERENCE PLAT OF SURVEY DATED 11/16/21 BY GREMLEY AND BIEDERMANN, INC. REFER TO ORIGINAL DRAWINGS, PLATS, AND RESOURCE DOCUMENTATION FOR SUBJECT INFORMATION.
2. HORIZONTAL DATUM REFERENCES NAD83. VERTICAL DATUM REFERENCES NGVD88. REFER TO ORIGINAL PLAT FOR FURTHER INFORMATION.
3. PROJECT SITE DISTURBANCE AREA = ±2,941 SQUARE FEET.
4. PROJECT SITE PIN: 28-31-306-046-000
5. REFER TO ARCHITECTURAL PLANS GENERALLY TITLED: 'RJ'S SEAFOOD PROPOSED TENANT BUILDOUT/ADDITION' PREPARED BY FC STUDIO, INC. FOR BUILDING INFORMATION. CONTRACTOR SHALL COORDINATE CONSTRUCTION OF PROPOSED IMPROVEMENTS WITH DESIGN PLANS. NOTIFY ENGINEER OF ANY ENCOUNTERED CONFLICTS, PRIOR TO COMMENCING WITH WORK.
6. SANITARY WASTE FROM SUBJECT PROPERTY TRIBUTARY TO EXISTING MWRDGC 30" SEWER ALONG 183RD STREET.
7. STORMWATER RUNOFF ACCUMULATING ON SUBJECT PROPERTY TRIBUTARY TO HICKORY CREEK VIA VILLAGE STORM INFRASTRUCTURE.

### AREA TAKEOFFS:

SUBJECT PROPERTY AREA = 35,952 SF (0.82 ACRES)

SUBJECT DEVELOPMENT SITE = ~2,941 SF (0.07 ACRES)

### EXISTING SURFACE AREAS:

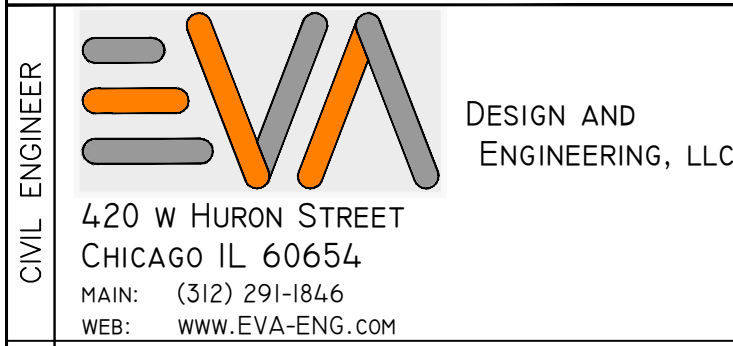
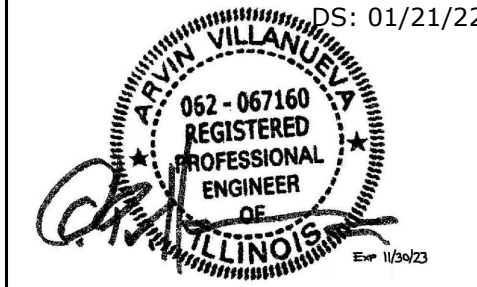
IMPERVIOUS PAVEMENT = 2,250 SF  
LANDSCAPE AREAS = 691 SF  
MEAN SURFACE COVER COEFFICIENT = 0.80

### PROPOSED SURFACE AREAS:

BUILDING ADDITION = 552 SF  
CONCRETE PAVEMENT = 1,400 SF  
ASPHALT PAVEMENT = 70 SF  
CONCRETE CURB = 35 SF  
TOTAL IMPERVIOUS = 2,057 SF  
LANDSCAPE AREAS = 884 SF  
MEAN SURFACE COVER COEFFICIENT = 0.76

## Index of Sheets

- C-0.0 GENERAL NOTES
- C-0.1 OVERALL SITE PLAN AND MWRD NOTES
- C-1.0 SITE CLEARING AND EROSION & SEDIMENT CONTROL PLAN
- C-2.0 SITE PLAN
- C-3.0 SITE GRADING PLAN
- C-4.0 SITE CONSTRUCTION DETAILS



## PROPOSED TENANT BUILDOUT / ADDITION

18201 S. Harlem Avenue  
Village of Tinley Park, IL

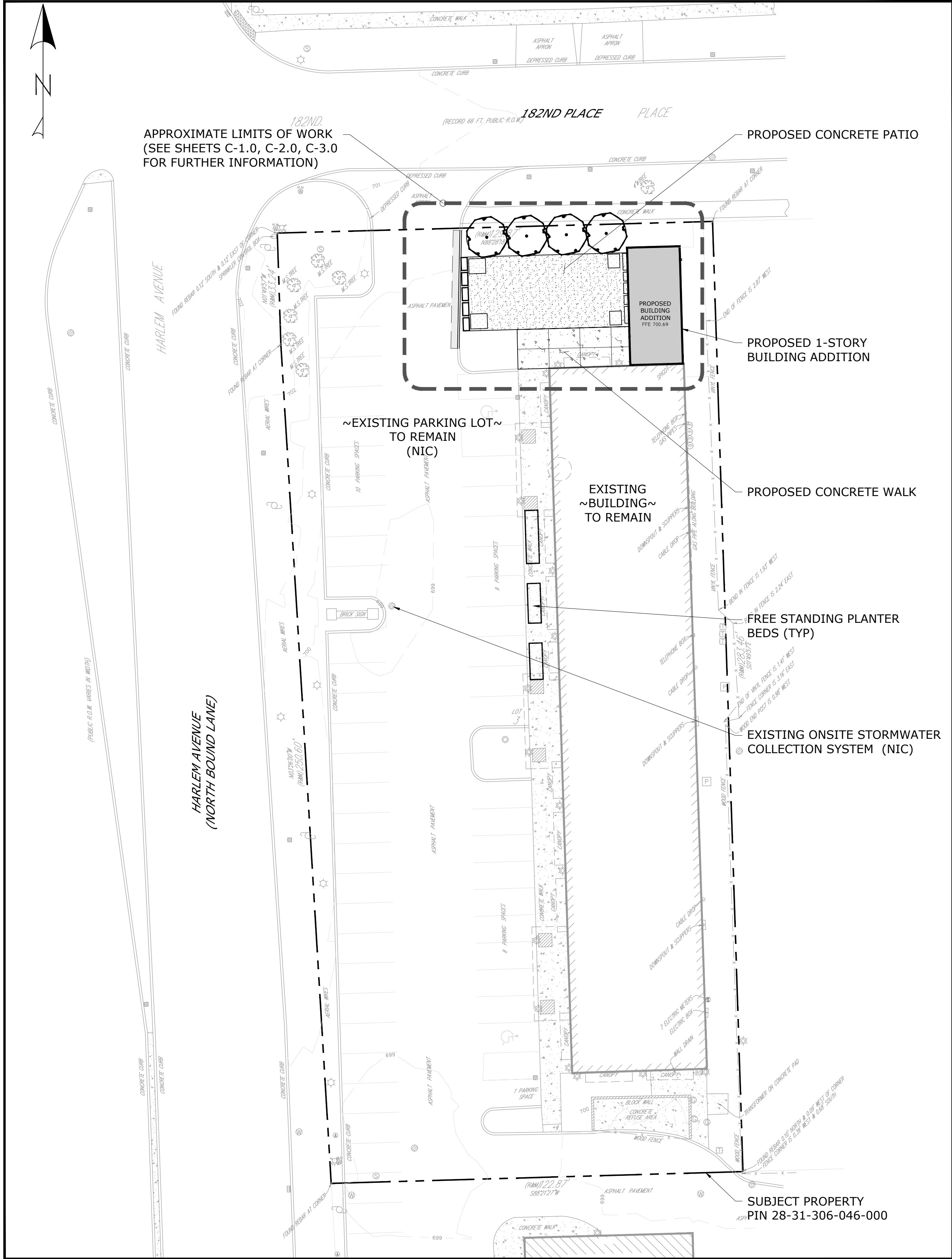
REV#	DATE	NOTES
1	12/17/21	PRELIMINARY ENGINEERING PLANS FOR VILLAGE REVIEW
2	01/12/22	ISSUED FOR VILLAGE REVIEW
A	01/21/22	REVISED PER TINLEY PARK PLANNING COMMENTS

## GENERAL NOTES

DATE: 12/15/21  
SCALE: AS NOTED  
BY: APV  
CHK: APV  
PRJ#: 21036

# C-0.0

Sheet 1 of 6



## OVERALL SITE PLAN

SCALE: 1" = 20'

### A. REFERENCED SPECIFICATIONS

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
  - STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
  - STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
  - VILLAGE OF TINLEY PARK MUNICIPAL CODE;
  - THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;
  - IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

### B. NOTIFICATIONS

- THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY SEWER WORK (CALL 708-588-4055).
- THE VILLAGE OF TINLEY PARK BUILDING DEPARTMENT AND PUBLIC WORKS MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

### C. GENERAL NOTES

- ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
- THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
- THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
- ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
- THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
- ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
- RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE.

### D. SANITARY SEWER

- THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
- A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
- DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.
- ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
- ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
- ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
- ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE		
6-INCH TO 15-INCH DIAMETER SDR 26	ASTM D-3034	ASTM D-3212
18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM F-679	ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)		
6-INCH TO 15-INCH DIAMETER SDR 26	ASTM D-3350	ASTM D-3261,F-2620 (HEAT FUSION)
18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM D-3035	ASTM D-3212,F-477 (GASKETED)
WATER MAIN QUALITY [WQ] PVC		
4-INCH TO 36-INCH	ASTM D-2241	ASTM D-3139
4-INCH TO 12-INCH	AWWA C900	ASTM D-3139
14-INCH TO 48-INCH	AWWA C905	ASTM D-3139

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	D3212, F-477

- ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
- NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
- ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.
- WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
  - A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
  - REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
  - WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.

### D. SANITARY SEWER (CONTINUED)...

- WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
- ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
- ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
- ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.
- ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
- EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS WITHOUT APPROVAL FROM THE DISTRICT.
- A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

### E. EROSION AND SEDIMENT CONTROL

- THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
- EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
- ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
  - UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
  - ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
- MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
- TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
- DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
- ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
- VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
- EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
- STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LOADED WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
- ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
- THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

\*MWRD NOTES REFERENCED FROM TGM 7/12/18\*

01/21/22

062-067160

REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

FOR 10/2025

CIVIL ENGINEER

FCSTUDIO inc.

2545 W Diversey Ave,  
Suite 236  
Chicago, IL 60647  
312.850.0850

ARCHITECT

420 W HURON STREET  
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DESIGN AND  
ENGINEERING, LLC

PROPOSED TENANT  
BUILDOUT / ADDITION

18201 S. Harlem Avenue  
Village of Tinley Park, IL

## OVERALL SITE PLAN AND MWRD NOTES

DATE: 12/15/21  
SCALE: AS NOTED  
BY: APV  
CHK: APV  
PRJ#: 21036

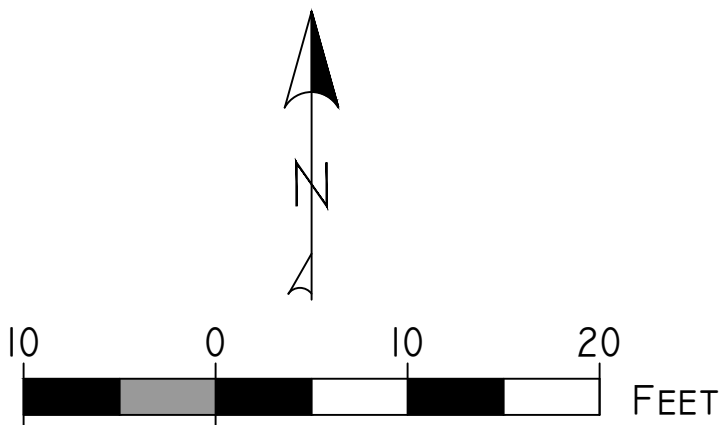
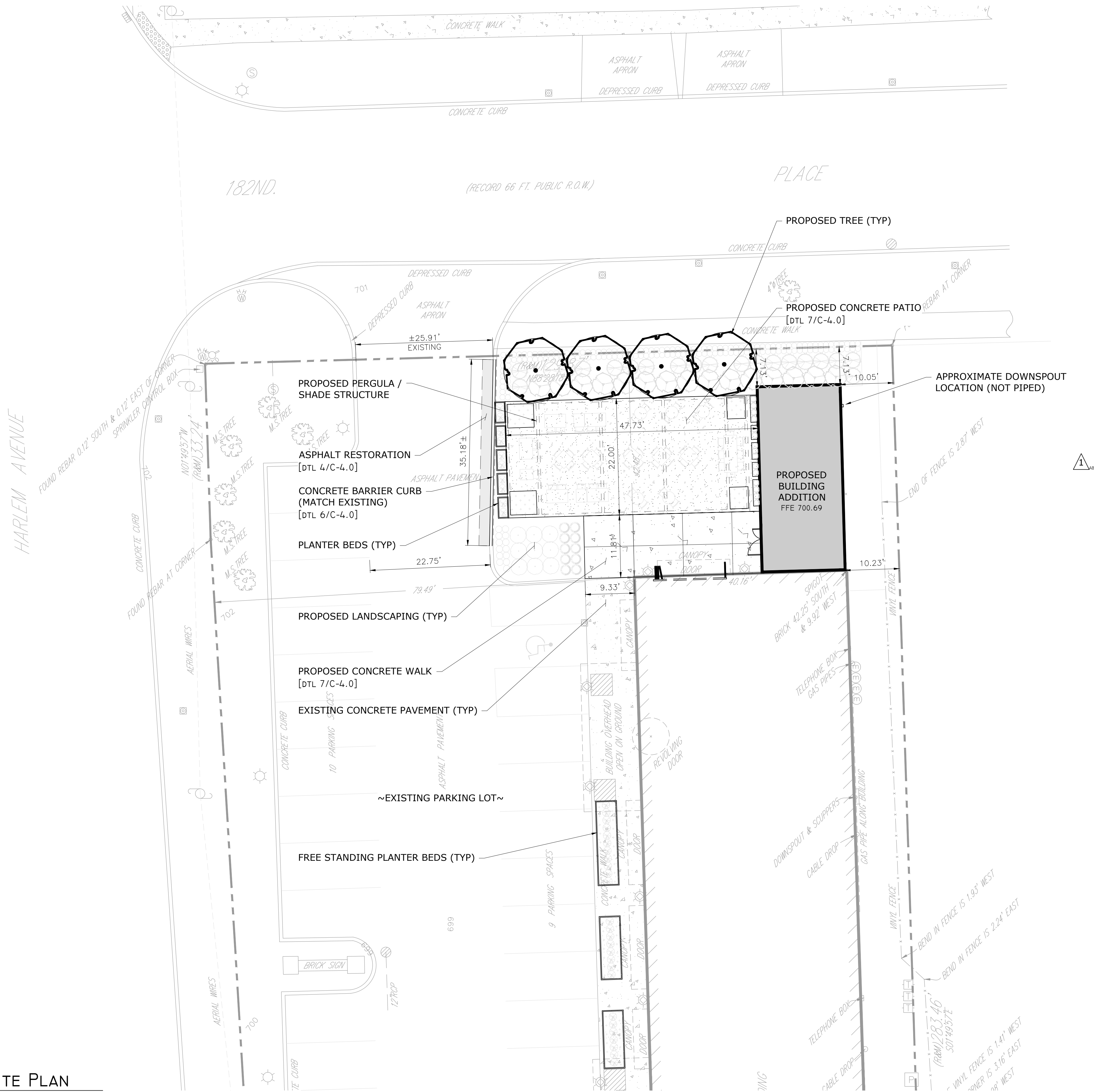
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Sheet 2 of 6



SITE PLAN

SCALE: 1" = 10'

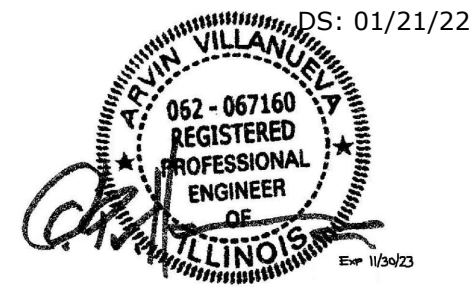


LEGEND

- PROPOSED BUILDING ADDITION
- PROPOSED CONCRETE WALKWAY
- PROPOSED CONCRETE PATIO
- PROPOSED ASPHALT RESTORATION
- PROPOSED BARRIER CURB
- BUILDING OVERHANG ABOVE

PLAN NOTES:

- REFER TO ARCHITECTURAL PLANS FOR BUILDING AND PERGULA / SHADE STRUCTURE INFORMATION.
- EXTERIOR SITE FURNISHINGS (IE. TABLES, SEATING, ETC.) SHOWN FOR INFORMATIONAL AND REFERENCE PURPOSES ONLY.
- LANDSCAPE IMPROVEMENTS SHOWN FOR REFERENCE. SEE LANDSCAPE PLANS FOR FURTHER INFORMATION.
- SEED OR SOD SHALL BE PLACED TO RESTORE LAWN AREAS DISTURBED ALONG SIDEWALK AND CONSTRUCTION ACTIVITIES.



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Chicago, IL 60647  
312.850.0850

PROPOSED TENANT BUILDOUT / ADDITION  
18201 S. Harlem Avenue  
Village of Tinley Park, IL

REV#	DATE	NOTES
1	12/17/21	PRELIMINARY ENGINEERING PLANS FOR VILLAGE REVIEW
2	01/12/22	ISSUED FOR VILLAGE REVIEW
A	01/21/22	REVISED PER TINLEY PARK PLANNING COMMENTS

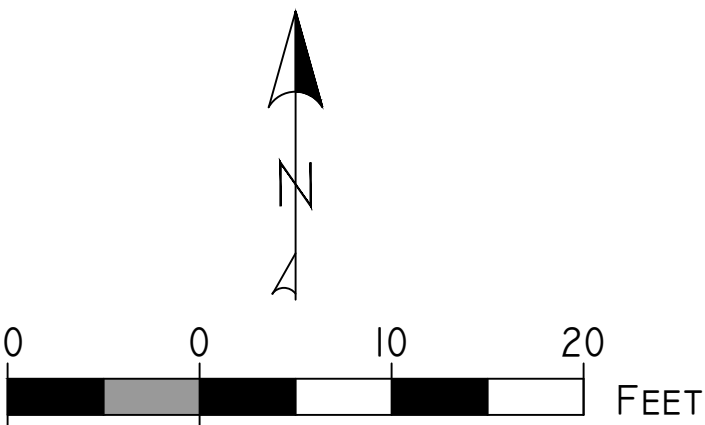
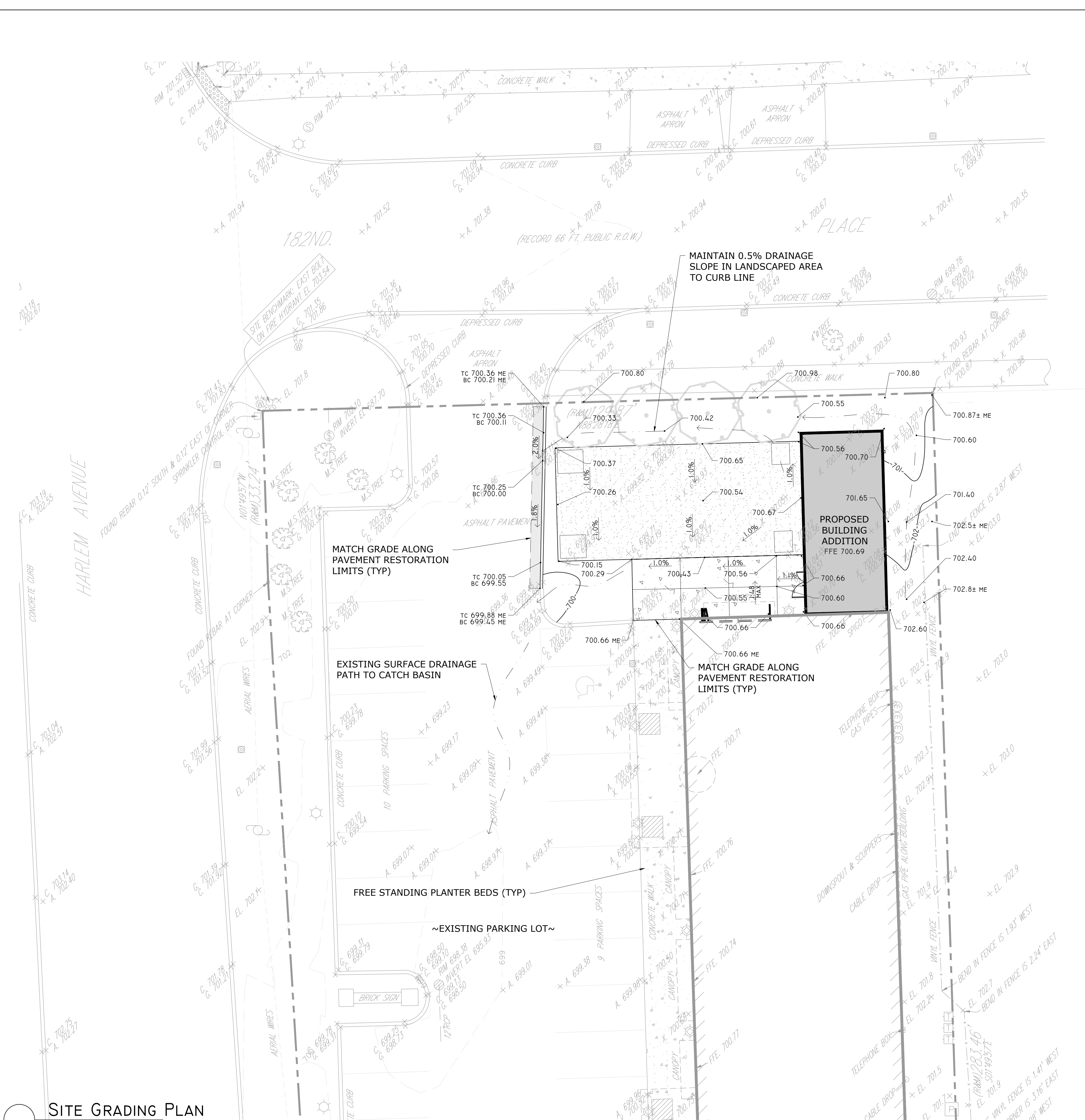
SITE PLAN

DATE: 12/15/21  
SCALE: AS NOTED  
BY: APV  
CHK: APV  
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SITE GRADING PLAN

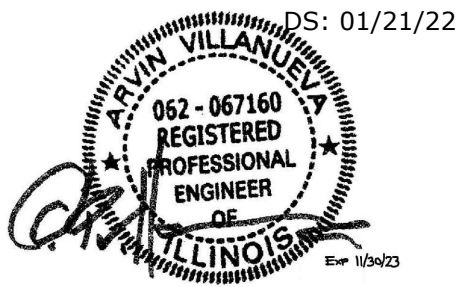
SCALE: 1" = 10'



LEGEND

- PROPOSED BUILDING ADDITION
- PROPOSED CONCRETE WALKWAY
- PROPOSED CONCRETE PATIO
- PROPOSED ASPHALT RESTORATION
- PROPOSED BARRIER CURB
- BUILDING OVERHANG ABOVE
- SURFACE SLOPE
- PROPOSED TOPOLOGY

- PLAN NOTES:
1. SELECT EXISTING CONTOUR INFORMATION SHOWN SCHEMATICALLY. VERIFY ELEVATIONS IN FIELD. NOTIFY ENGINEER OF ANY DISCREPANCIES.
  2. REFER TO ARCHITECTURAL PLANS FOR BUILDING FOUNDATION INFORMATION AND WATERPROOFING ALONG EXTERIOR WALLS.
  3. ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS. NOTIFY ENGINEER OF ANY DISCREPANCIES.
  4. ENSURE NO BIRD BATHS AND PUDDLES ON PAVED SURFACES. PROVIDE POSITIVE SURFACE DRAINAGE OFF PAVEMENTS TO GUTTERS AND INLETS.



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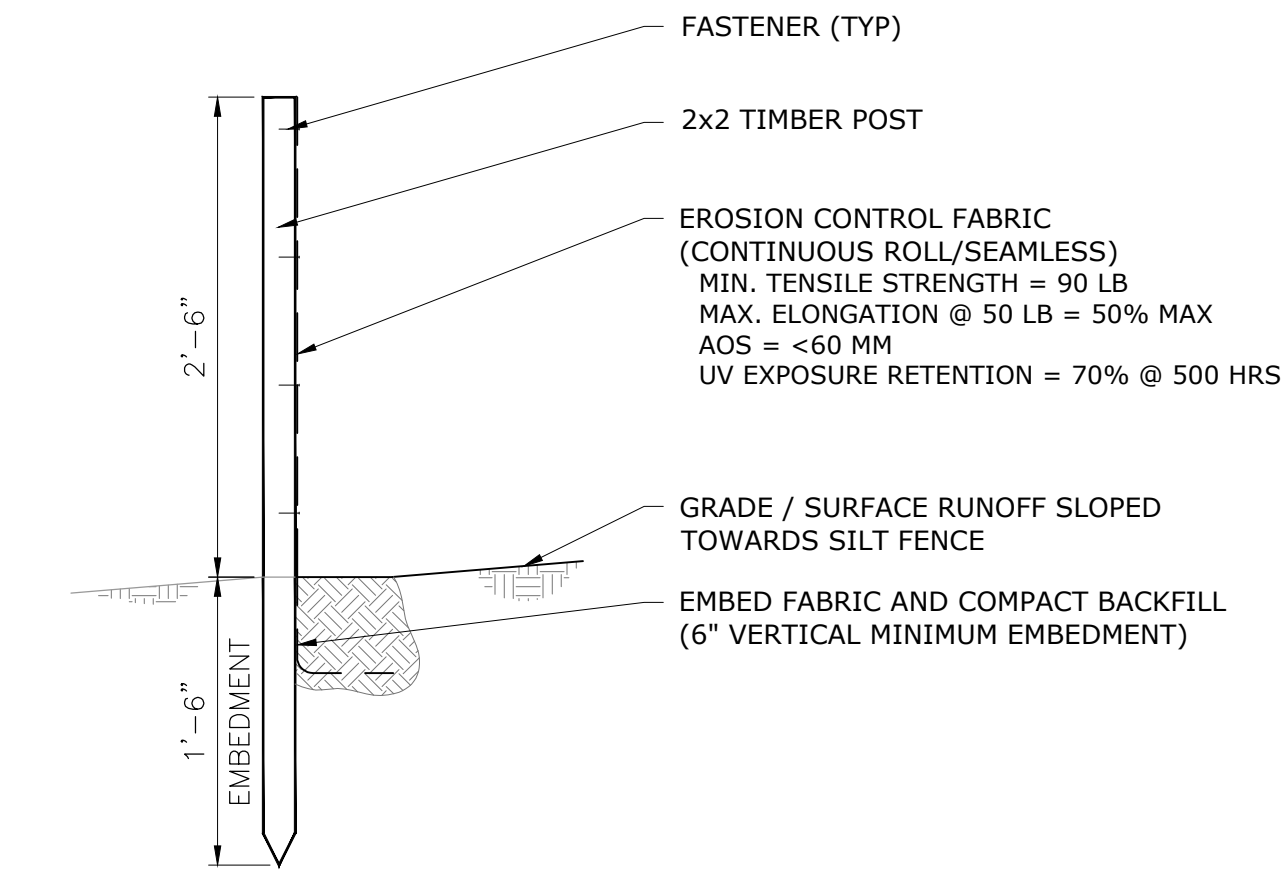
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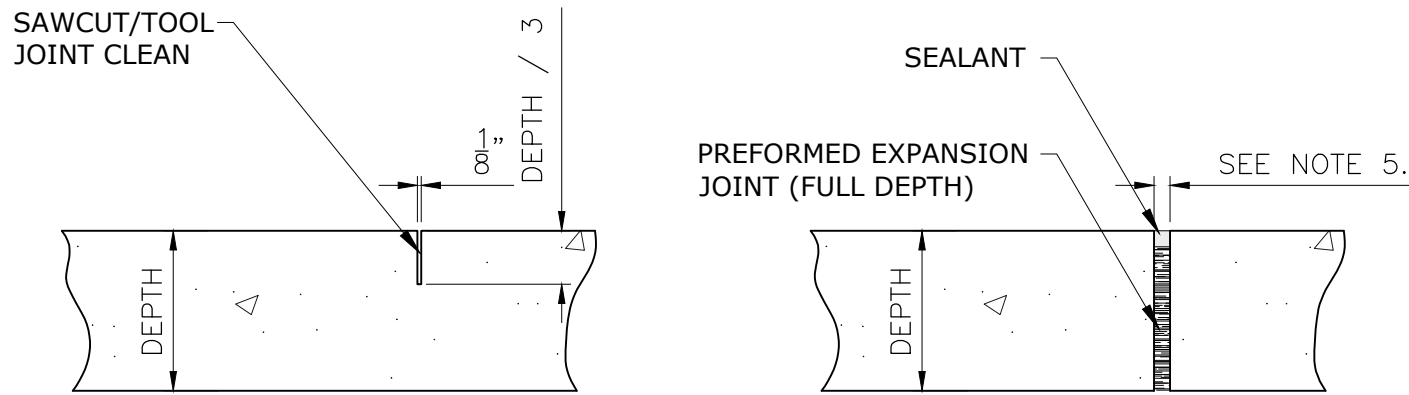
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- NOTES:
1. SILT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATIONS IN THE AREA THAT IS TO BE PROTECTED. THE FENCE SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
  2. TIMBER POST SHALL HAVE A MINIMUM CROSS-SECTIONAL AREA OF 3 SQUARE INCHES. DRIVE POST A MINIMUM EMBEDMENT OF 18".
  3. AT FABRIC JOINTS PLACE THE END POST OF THE ADJACENT SILT FENCE INSIDE THE END POST OF THE PRIOR SILT FENCE. INTERTWINE BOTH POSTS WITH A 180 DEGREE ROTATION IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL FOR THE ADJOINING FABRIC MATERIAL/ROLL.
  4. SET PLACE POST 5' O.C. (MAXIMUM).
  5. FASTEN FABRIC SECURELY TO POSTS WITH #9 GAGE FASTENERS (MIN)--USE A MINIMUM FOUR FASTENERS PER POST, SET EQUIDISTANT.

### 1 SILT FENCE

SCALE: N.T.S.



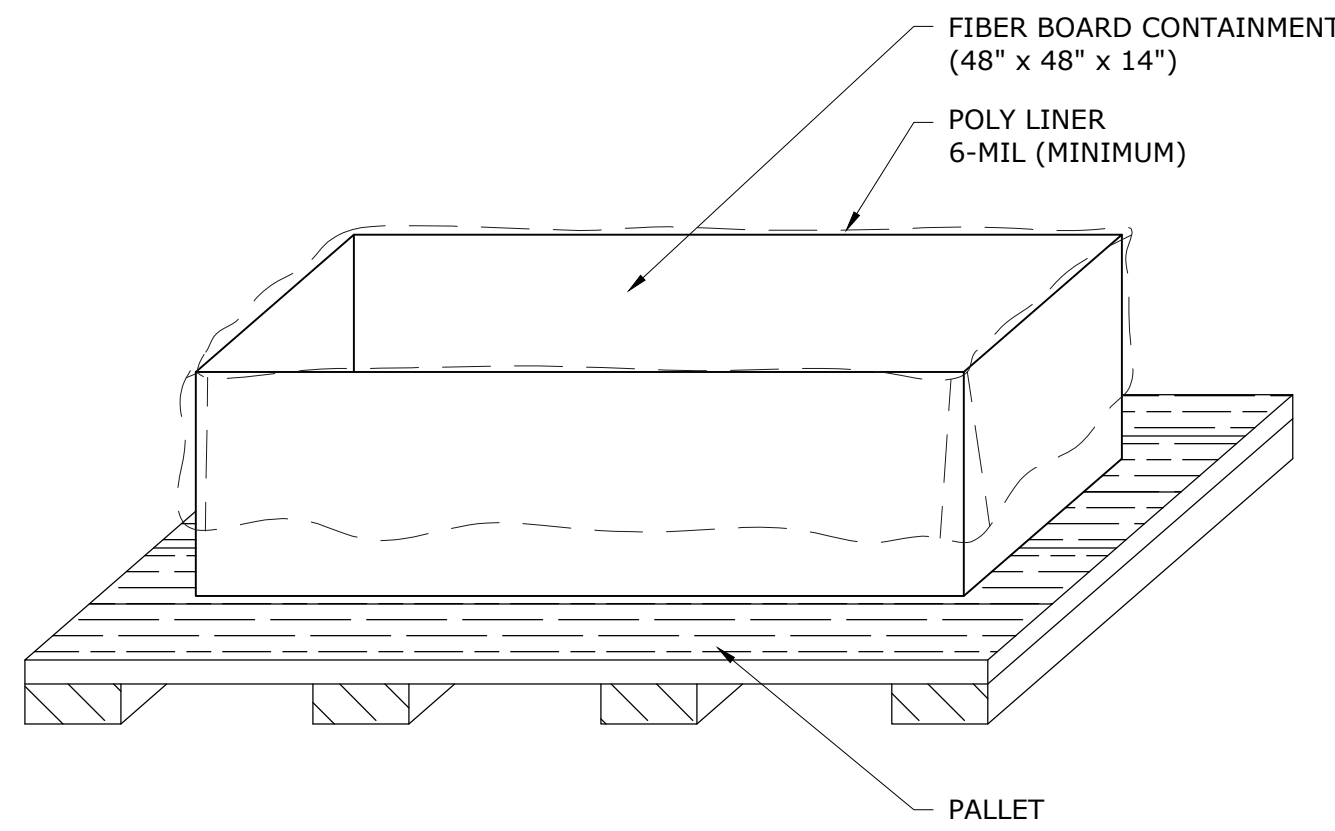
CONTROL JOINT DETAIL

EXANSION JOINT DETAIL

- NOTES:
1. INSTALL CONTROL JOINTS WHERE SPECIFIED.
  2. PROVIDE GUIDES AS NECESSARY TO ENSURE PLUMB AND CONTINUOUS JOINTS..
  3. JOINTS SHALL BE SAWCUT WITH ROTARY TOOL. TOOLED JOINTS ARE ACCEPTABLE PROVIDED THAT IT MEETS THE SPECIFIED FINISH HEREIN.
  4. REFER TO CONCRETE PAVEMENT DETAIL FOR SPECIFIED DEPTH.
  5. FURNISH AND INSTALL 1/2" PREFORMED BITUMINOUS EXPANSION JOINTS 50' O.C. AND WHERE PAVEMENT ABUTS RIGID STRUCTURE /ELEMENT. FOR PAVEMENTS IN PUBLIC RIGHT OF WAY (WALKS/CURBS/ETC.), PREFORMED BITUMINOUS EXPANSION JOINT SHALL BE 3/4".
  6. RECESS EXPANSION JOINTS 1/4" TO ALLOW FOR SEALANT INSTALLATION.
  7. SEALANT SHALL BE LIQUID SILICON OR HOT MIX RUBBER FLUID. COLOR PER ARCHITECT/ENGINEER. PREFORMED EXPANSION JOINTS WITH INTEGRATED CAPS AND FOAM SEALS MAY BE ACCEPTABLE. SUBMIT PRODUCT DATA AND STANDARD COLOR OPTIONS FOR ENGINEER SELECTION/APPROVAL.

### 5 CONTROL JOINT DETAIL

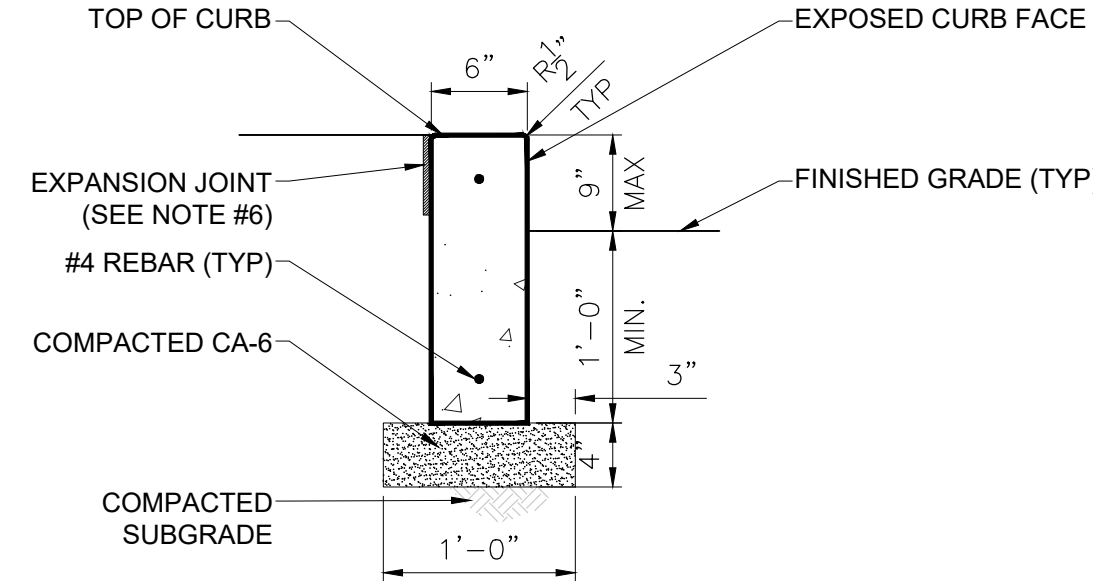
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- NOTES:
1. WASTE CONTAINMENT BOX FOR CONCRETE AND/OR MORTAR WASHOUT ONLY. MINIMIZE EXCESS WASTE OF MATERIALS.
  2. CONTRACTOR TO VERIFY CONTAINMENT BOX SIZE TO ACCOUNT FOR ANTICIPATED MATERIAL WASTE AND DISPOSAL. ADJUST CONTAINMENT BOX SIZE AS NECESSARY. OTHER CONTAINMENT BOX MATERIALS MAY BE USED UPON APPROVAL BY ENGINEER--SUBMIT ALTERNATIVE SYSTEM DETAILS TO ENGINEER FOR REVIEW/APPROVAL.
  3. SET CONTAINMENT BOX ATOP OF PALLET. ENSURE PALLET IS ON STABILIZED AND LEVEL SURFACE AND PICKUP/RETRIEVAL.
  4. INSTALL AND SECURE POLYLINER WITHIN CONTAINMENT BOX. POLYLINER SHALL BE 6 MILS THICK. DRAPE LINER OVER CONTAINMENT EDGE, A MINIMUM OF 8".
  5. SCHEDULE PICKUP/RETRIEVAL OF WASTE ACCORDINGLY. DISPOSE LEGALLY.

### 2 CONCRETE WASHOUT BOX

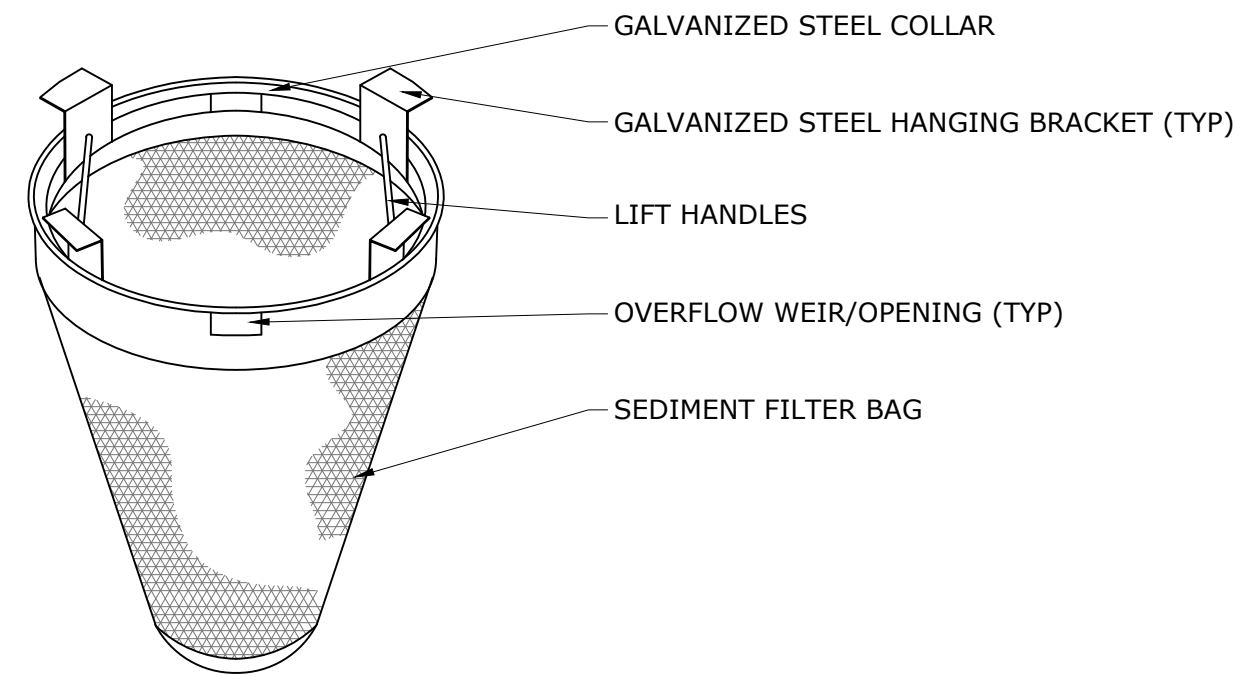
SCALE: N.T.S.



- NOTES:
1. REBAR(S) SHALL MAINTAIN 2-3/4" (MIN) COVER FROM EXTENTS OF CONCRETE SURFACE.
  2. REFER TO PLANS FOR TOP OF CURB ELEVATIONS AND CURB FACE EXPOSURE.
  3. CONCRETE SHALL BE 3,500 PSI, A/E. LIGHT BROOM FINISH TOP OF CONCRETE CURB; RUB FINISH ON EXPOSED CURB FACE.
  4. PROVIDE 3/4" PREFORMED EXPANSION JOINT WHERE CURB ABUTS RIGID PAVEMENT AND STRUCTURES.
  5. REFER TO PLANS AND DETAILS FOR ADJACENT SURFACE INFORMATION.
  6. SET 3/4" PREFORMED EXPANSION JOINTS 30' O.C. AND CONTROL JOINTS 10' O.C. WHERE CURB ABUTS CONCRETE PAVEMENT, ALIGN JOINTS WITH ADJACENT CONCRETE PAVEMENT JOINTS.

### 6 BARRIER CURB DETAIL

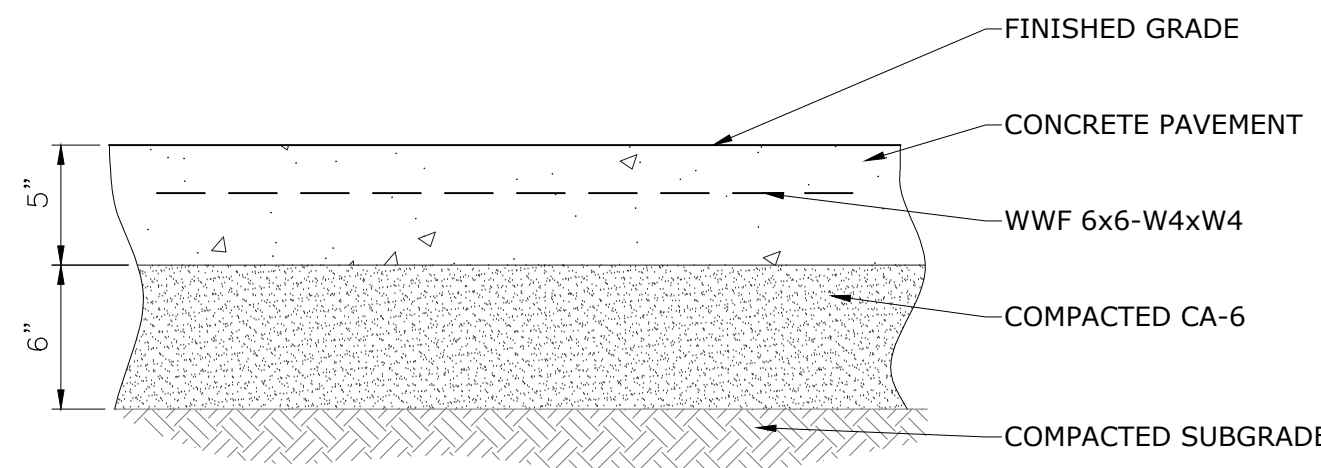
SCALE: N.T.S.



- NOTE:
1. ROUTINELY INSPECT AND CLEAR DEBRIS AND SEDIMENT ACCUMULATING IN INLET FILTER.
  2. DIAMETER/CATCHMENT AREA OF INLET FILTER SHALL ACCOMMODATE SIZE/GEOMETRY OF SUBJECT INLET STRUCTURE/GRATE.
  3. INSTALL INLET FILTER IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. SUBMIT PRODUCT DATA/TECHNICAL SHEETS TO ENGINEER FOR REVIEW/APPROVAL.
  4. FILTER BAG SHALL COMPLY WITH NRCS: GEOTEXTILE 592 CLASS 1.
  5. FILTERED FLOW RATE SHALL BE RATED FOR 1.0 CFS OR GREATER.

### 3 INLET FILTER

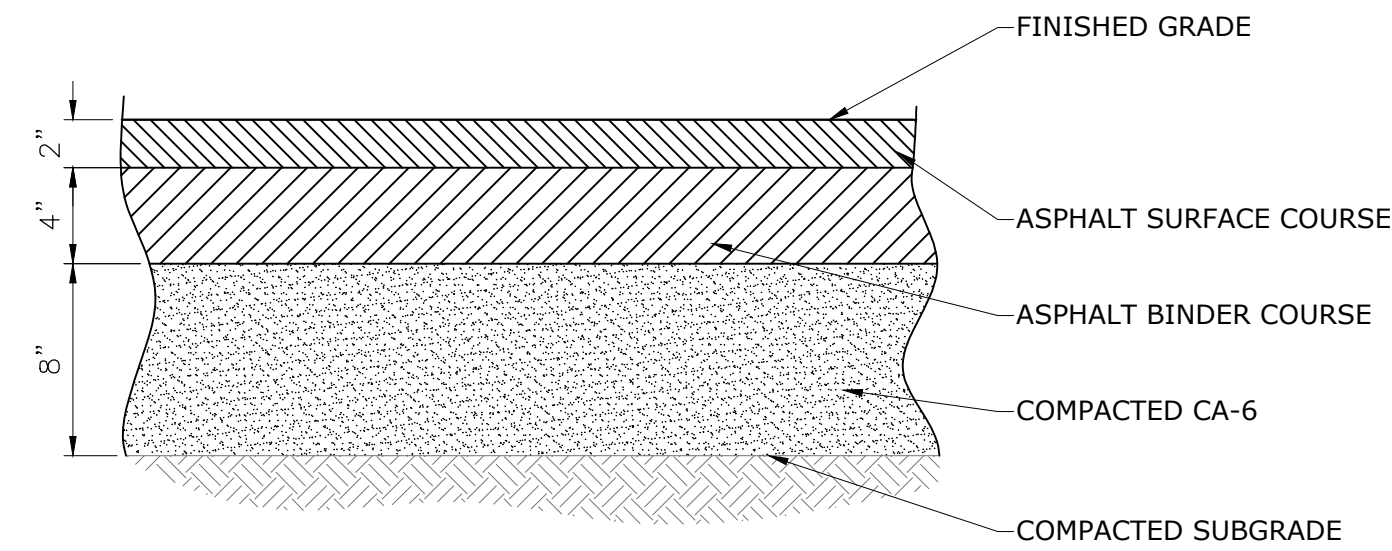
SCALE: N.T.S.



- NOTES:
1. MAINTAIN 1.0% MINIMUM SLOPE ON FINISHED SURFACE (ANY DIRECTION) TO DEDICATED DRAINAGE PATH.
  2. CONCRETE SHALL BE 3,500 PSI (A/E), [SI] DESIGN MIX ACCORDING TO IDOT SSRBC ARTICLE 1020.
  3. COMPACT AGGREGATE BASE IN 8" LIFTS (MAX).
  4. PAVEMENT SHALL HAVE LIGHT BROOM FINISH SURFACE, PERPENDICULAR TO PATH OF TRAVEL.
  5. COLOR SHALL BE STANDARD GRAY.
  6. FURNISH AND INSTALL 1/2" PREFORMED BITUMINOUS EXPANSION JOINTS 50' O.C.
  7. FURNISH AND INSTALL 1/2" PREFORMED BITUMINOUS EXPANSION JOINTS WHERE PAVEMENT ABUTS RIGID STRUCTURE /ELEMENT.
  8. INSTALL CONTROL JOINTS 5' O.C., UNLESS OTHERWISE SHOWN ON PLAN.
  9. ADMIXTURES/ADDITIVES SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
  10. SET WELDED WIRE FABRIC 2" FROM EXPOSED PAVEMENT SURFACE.

### 7 CONCRETE PAVEMENT SECTION

SCALE: N.T.S.



- NOTES:
1. MAINTAIN 1.0% MINIMUM SLOPE ON FINISHED SURFACE (ANY DIRECTION) TO DEDICATED DRAINAGE PATH.
  2. FURNISH AND INSTALL PAVEMENT IN ACCORDANCE WITH IDOT SSRBC 2016. SURFACE COURSE SHALL BE N50 IL-9.5; BINDER COURSE SHALL BE N50 IL-19.0, OR AS APPROVED BY ENGINEER.
  3. COMPACT AGGREGATE BASE IN 8" LIFTS (MAX).
  4. INSTALL TACK COAT ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

### 4 HMA PAVEMENT SECTION

SCALE: N.T.S.



**EVA** DESIGN AND ENGINEERING, LLC  
420 W HURON STREET  
CHICAGO IL 60654  
MAIN: (312) 291-1846  
WEB: WWW.EVA-ENG.COM

**FCSTUDIO inc.**  
2545 W Diversey Ave,  
Suite 236  
Chicago, IL 60647  
312.850.0850

**PROPOSED TENANT BUILDOUT / ADDITION**  
18201 S. Harlem Avenue  
Village of Tinley Park, IL

REV#	DATE	NOTES
1	12/17/21	PRELIMINARY ENGINEERING PLANS FOR VILLAGE REVIEW
2	01/12/22	ISSUED FOR VILLAGE REVIEW
A	01/21/22	REVISED PER TINLEY PARK PLANNING COMMENTS

## SITE CONSTRUCTION DETAILS

DATE: 12/15/21  
SCALE: AS NOTED  
BY: APV  
CHK: APV  
PRJ#: 21036

**C-4.0**

Sheet 6 of 6



GENERAL						
REFRIGERANT	VOLTAGE	COMPRESSOR TYPE	COMPRESSOR MODEL	HP	AWEF	LISTINGS
R-448A/R-449A	208-230/60/1	Scroll	ZS15KAE-PFV	2	5.61	UL/CUL

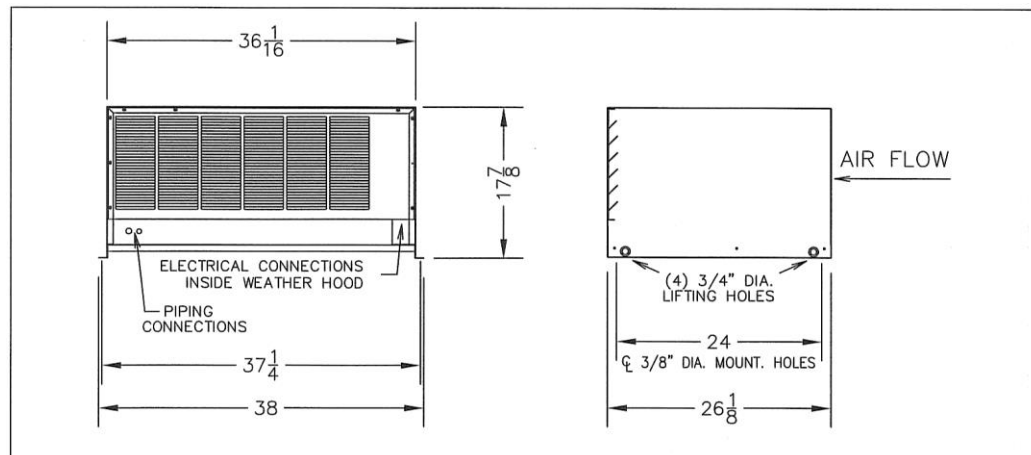
BTUH CAPACITY (At Saturated Suction Temperature (SST) and 90° Ambient at Condenser)							
-30	-20	-10	20	25	30	35	45
-	-	-	15,283	16,884	18,652	20,601	25,097

BTUH CAPACITY (At Saturated Suction Temperature (SST) and 100 <sup>0</sup> Ambient at Condenser)							
-30	-20	-10	20	25	30	35	45
-	-	-	14,060	15,533	17,159	18,953	23,089

DIMENSIONAL DATA					
OVERALL (to nearest inch)			WT (lbs)	BASE SIZE	BASE/HOOD
L	W	H			
38	27	18	240	M2	021M

INSTALLATION					
REFRIGERANT	RECEIVER TANK (lbs) 90%/90°F	CONNECTIONS			ESTIMATED TOTAL HEAT REJECTION (BTUH)
		LIQUID	SUCTION		
R-448A/R-449A	10.1	1/2	7/8		8

ELECTRICAL								
MCA	MOP	COMP VOLTS	COMP PHASE	COMP HZ	COMP RLA	COMP LRA	OTHER LOAD DATA	
31	35	208-230	1	60	14.1	68		
FAN PHASE	FAN HZ	FAN FLA	FAN HP	FAN QUANTITY	MAX EVAP FAN AMPS	MAX EVAP DEF HEATER AMPS	VOLTS	208-230
							PHASE	1
1	60	0.5	1/20	2	10	25.0	AMPS	0.5







15' WIDTH x 45' HEIGHT  
DECIDUOUS TREE - PROVIDES SCREENING SPRING/SUMMER/FALL  
RED FALL COLOR

## CRIMSON SPIRE OAK



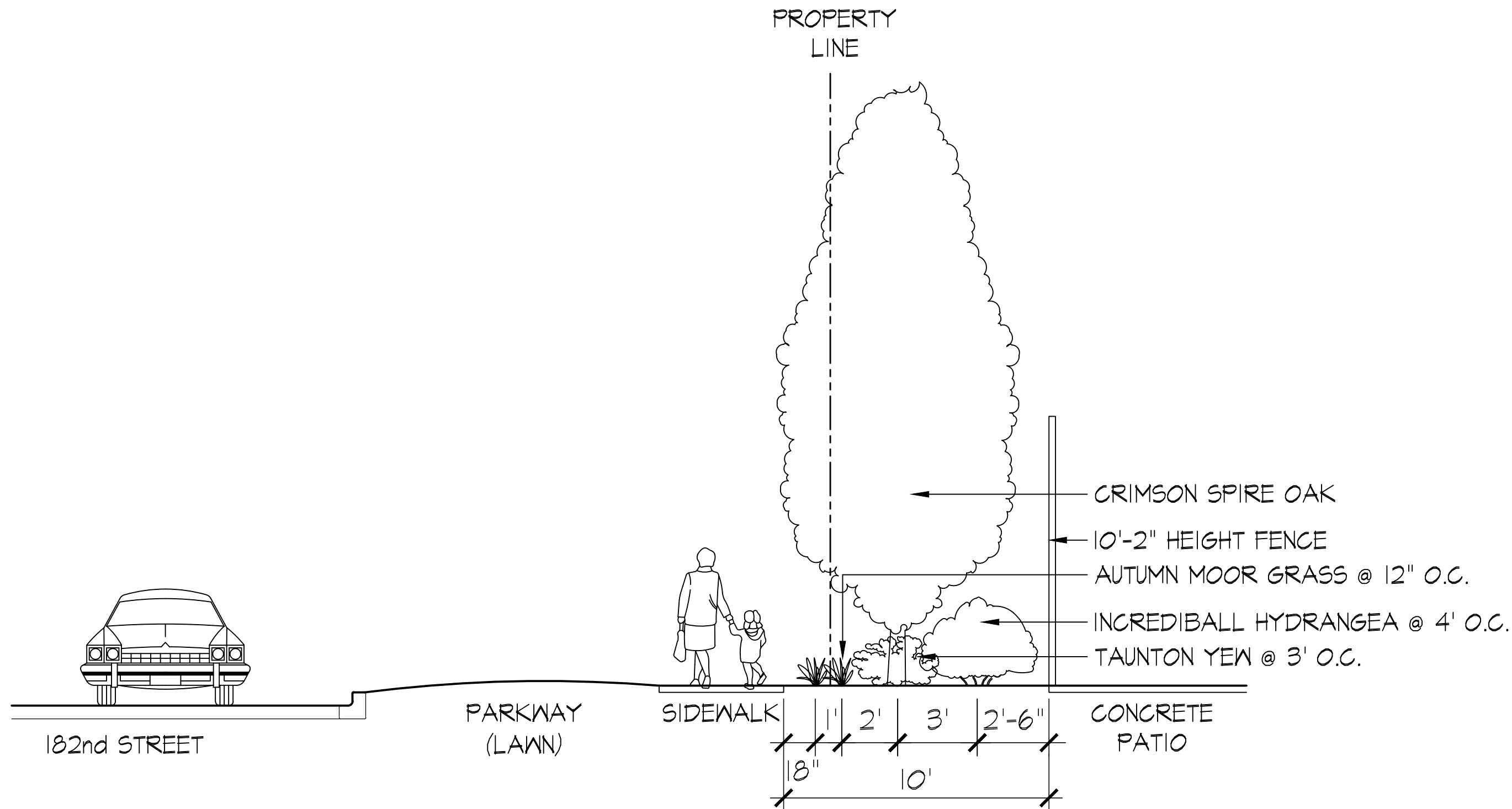
4'-5' WIDTH x 4'-5' HEIGHT  
DECIDUOUS SHRUB - PROVIDES SCREENING SPRING/SUMMER/FALL  
WHITE BLOOMS - JUNE TO AUGUST

## INCREDIBALL HYDRANGEA



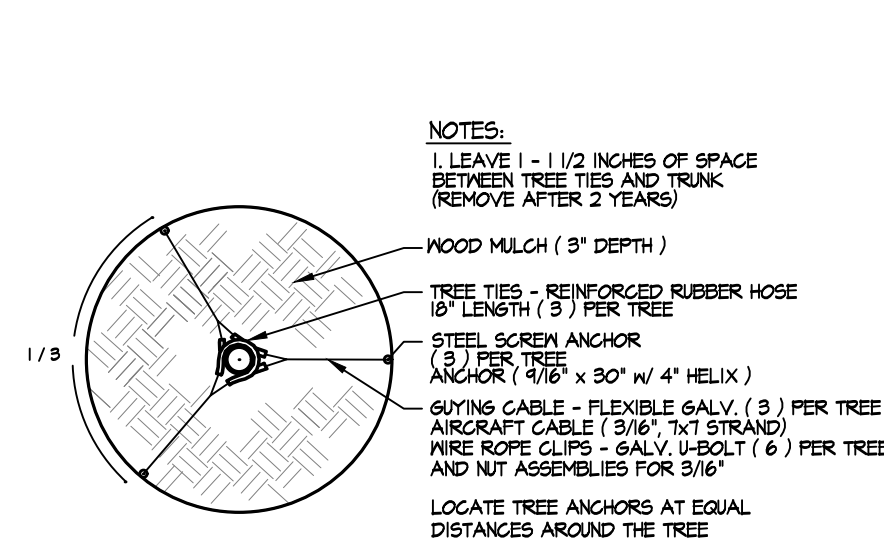
3'-5' WIDTH x 3'-4' HEIGHT  
EVERGREEN SHRUB - PROVIDES YEAR ROUND SCREENING

## TAUNTON YEW

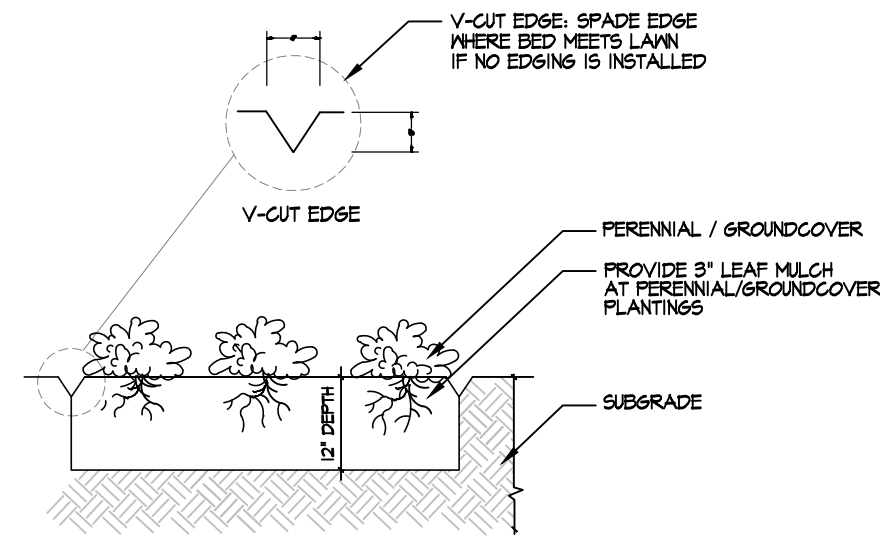


## SECTION

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



## GUYING DECIDUOUS TREES



## PERENNIAL PLANTING DETAIL



## WILSHIRE COLLECTION PLANTERS

### NOTE

PLANTERS TO BE TOURNESOL SITEMWORKS WILSHIRE COLLECTION; FRP FIBREGLASS ; COLOR AND FINISH TO BE APPROVED BY OWNER. 800.542.2282 WWW.TOURNESOL.COM  
BACKFILL PLANTERS WITH MIDWEST TRADING COMPANY PM35 PLANTER MIX; (630) 565-1990, midwest-trading.com.

### PLANT LIST

SHADE TREES		BOTANICAL NAME	COMMON NAME	REMARKS
KEY	QTY. SIZE			
GRG	4 25'	Quercus robur x alba 'Crimschmidt'	Crimson Spire Oak	Specimen, symmetrical, Branching to ground
SHRUBS		BOTANICAL NAME	COMMON NAME	REMARKS
KEY	QTY. SIZE			
BGM	13 24"	Buxus x 'Green Mountain'	Green Mountain Boxwood	Full branching to ground
BGV	18 24"	Buxus x 'Green Velvet'	Green Velvet Boxwood	Full branching to ground
DKO	11 24"	Diervilla 'S21X89544'	Kodak Orange Diervilla	Full branching to ground
HY1	15 24"	Hydrangea arborescens 'Abetna'	Incrediball Hydrangea	Full branching to ground
RHS	4 24"	Rhus aromatica 'Grow-Low'	Grow-Low Fragrant Sumac	Full branching to ground
TMT	20 24"	Taxus x media 'Tauntonii'	Taunton Yew	Full branching to ground
PERENNIALS AND ORNAMENTAL GRASSES		BOTANICAL NAME	COMMON NAME	REMARKS
KEY	QTY. SIZE			
CAF	10 1 gal.	Calamagrostis x a. 'Karl Foerster'	Feather Reed Grass	Container
HHR	13 1 gal.	Hemerocallis 'Happy Returns'	Happy Returns Daylily	Container
PEN	14 1 gal.	Pennisetum alopecuroides 'Piglet'	Piglet Dwarf Fountain Grass	Container
SES	150 1 gal.	Sesleria autumnalis	Autumn Moor Grass	Container
SEASONAL ANNUALS		BOTANICAL NAME	COMMON NAME	REMARKS
KEY	QTY. SIZE			
BT	5F	NA	SEASONAL ANNUALS	Container

CLIENT NAME:  
Name  
Address  
City

LANDSCAPE  
ARCHITECTURE  
pamelaself

202 South Cook Street Ste #214  
Barrington, Illinois 60010  
847.436.4922  
www.pamelaself.com

LICENSE # 157.000683  
STAMP:

ARCHITECT:

CIVIL ENGINEER:

GENERAL CONTRACTOR:

RJ SEAFOOD  
18021 S. Harlem Avenue  
Tinley Park, Illinois

REVISIONS	No.	Description	Date	Village Comments	Village Comments
	1		01.13.22		
	2		01.21.22		

Design by: KWS/PKS  
Drawn by: KWS  
Checked by: PKS  
Start date: 12.16.2021  
Project no.

LANDSCAPE  
DETAILS

L-2.0

NOT FOR CONSTRUCTION

# Wilshire Collection

Materials: **FRP Fiberglass** and Lightweight GFRC Concrete

The Wilshire Collection is nothing fancy - straight walls and a slight reveal. Put several of them together and it creates a highly effective way to configure space using live plants. The elegant straight lines disappear, emphasizing the plant, as it should be. Available in FRP fiberglass and lightweight GFRC concrete, in a huge range of sizes.



- Lightweight FRP fiberglass and GFRC are designed to be durable despite low weight - even for heavy-traffic locations
- Coordinates with our self-watering container irrigation products
- Wilshire collection is also available in Weathering steel and powdercoat steel versions
- Round, square and rectangular sizes from 18" to 120", with customization available
- Matching ash, trash and recyclers available

## Square Tall - All tall planters come full depth. Available with false bottom.

Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WRT-1800	FRP	18" x 18"	18" x 18"	30"	15" x 15"	17.5" x 17.5"	29.75"	35	5.1	CWC-R1100
WRT-2400	FRP	24" x 24"	24" x 24"	48"	21" x 21"	23.5" x 23.5"	47.75"	70	15.1	CWC-R1850
WRT-3000	FRP	30" x 30"	30" x 30"	54"	27" x 27"	29.5" x 29.5"	53.75"	100	26.6	CWM-R1620-2k-CRT
WCRT-1800	GFRC	18" x 18"	18" x 18"	30"	15" x 15"	16.5" x 16.5"	29"	115	5.2	CWC-R1100
WCRT-2400	GFRC	24" x 24"	24" x 24"	48"	21" x 21"	22.5" x 22.5"	47"	240	14.9	CWC-R1850
WCRT-3000	GFRC	30" x 30"	30" x 30"	54"	26" x 26"	28.5" x 28.5"	53"	390	26.4	CWM-R1620-2k-CRT

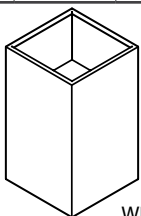
## Round Tall - All tall planters come full depth. Available with false bottom.

Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WST-1800	FRP	18" x 18"	18" x 18"	30"	15" x 15"	17.5" x 17.5"	29.75"	25	4.1	CWI-1200
WST-2400	FRP	24" x 24"	24" x 24"	48"	21" x 21"	23.5" x 23.5"	47.75"	50	11.9	CWI-1700
WST-3000	FRP	30" x 30"	30" x 30"	54"	27" x 27"	29.5" x 29.5"	53.75"	70	21.0	CWI-2200
WCST-1800	GFRC	18" x 18"	18" x 18"	30"	15" x 15"	16.5" x 16.5"	29"	95	3.5	CWI-1200
WCST-2400	GFRC	24" x 24"	24" x 24"	48"	21" x 21"	22.5" x 22.5"	47"	190	10.6	CWI-1700
WCST-3000	GFRC	30" x 30"	30" x 30"	54"	26" x 26"	28.5" x 28.5"	53"	285	19.2	CWI-2200

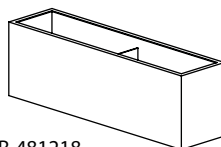
## Rectangles

Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WR-241012	FRP	24" x 10"	24" x 10"	12"	21" x 7"	23.5" x 9.5"	11.75"	12	1.5	CWM-R1109-MS
WR-361012	FRP	36" x 10"	36" x 10"	12"	33" x 7"	35.5" x 9.5"	11.75"	16	2.3	CWM-R1109-2k
WR-481012	FRP	48" x 10"	48" x 10"	12"	45" x 7"	47.5" x 9.5"	11.75"	21	3.1	CWM-R1109-2k
WR-601012	FRP	60" x 10"	60" x 10"	12"	57" x 7"	59.5" x 9.5"	11.75"	26	3.9	CWM-R1109-2k
WR-721012	FRP	72" x 10"	72" x 10"	12"	69" x 7"	71.5" x 9.5"	11.75"	30	4.7	CWM-R1109-3k
WR-961012	FRP	96" x 10"	96" x 10"	12"	93" x 7"	95.5" x 9.5"	11.75"	40	6.3	CWM-R1109-5k
WR-1201012	FRP	120" x 10"	120" x 10"	12"	117" x 7"	119.5" x 9.5"	11.75"	50	7.8	CWM-R1109-5k
WR-241218	FRP	24" x 12"	24" x 12"	18"	21" x 9"	23.5" x 11.5"	17.75"	17	2.8	CWM-R1114-MS
WR-361218	FRP	36" x 12"	36" x 12"	18"	33" x 9"	35.5" x 11.5"	17.75"	23	4.3	CWM-R1114-2k
WR-481218	FRP	48" x 12"	48" x 12"	18"	45" x 9"	47.5" x 11.5"	17.75"	30	5.7	CWM-R1114-2k
WR-601218	FRP	60" x 12"	60" x 12"	18"	57" x 9"	59.5" x 11.5"	17.75"	40	7.1	CWM-R1114-2k
WR-721218	FRP	72" x 12"	72" x 12"	18"	69" x 9"	71.5" x 11.5"	17.75"	45	8.5	CWM-R1114-3k
WR-961218	FRP	96" x 12"	96" x 12"	18"	93" x 9"	95.5" x 11.5"	17.75"	60	11.4	CWM-R1114-4k
WR-1201218	FRP	120" x 12"	120" x 12"	18"	117" x 9"	119.5" x 11.5"	17.75"	70	14.3	CWM-R1114-5k
WCR-241218	GFRC	24" x 12"	24" x 12"	18"	20" x 8"	22.5" x 10.5"	17.25"	110	2.1	CWM-R1109-MS
WCR-361218	GFRC	36" x 12"	36" x 12"	18"	32" x 8"	34.5" x 10.5"	17.25"	150	3.3	CWM-R1109-2k
WCR-481218	GFRC	48" x 12"	48" x 12"	18"	44" x 8"	46.5" x 10.5"	17.25"	190	4.5	CWM-R1109-2k
WCR-601218	GFRC	60" x 12"	60" x 12"	18"	56" x 8"	58.5" x 10.5"	17.25"	230	5.6	CWM-R1109-3k
WCR-721218	GFRC	72" x 12"	72" x 12"	18"	68" x 8"	70.5" x 10.5"	17.25"	270	6.8	CWM-R1109-4k
WCR-961218	GFRC	96" x 12"	96" x 12"	18"	92" x 8"	94.5" x 10.5"	17.25"	350	9.1	CWM-R1109-5k
WCR-1201218	GFRC	120" x 12"	120" x 12"	18"	116" x 8"	118.5" x 10.5"	17.25"	430	11.4	CWM-R1109-5k + CWM R1109-MS
WR-241236	FRP	24" x 12"	24" x 12"	36"	21" x 9"	23.5" x 11.5"	35.75"	40	5.6	CWM-R1120-MS
WR-361236	FRP	36" x 12"	36" x 12"	36"	33" x 9"	35.5" x 11.5"	35.75"	50	8.5	CWM-R1120-2k
WR-481236	FRP	48" x 12"	48" x 12"	36"	45" x 9"	47.5" x 11.5"	35.75"	65	11.3	CWM-R1120-2k
WR-601236	FRP	60" x 12"	60" x 12"	36"	57" x 9"	59.5" x 11.5"	35.75"	80	14.2	CWM-R1120-2k
WR-721236	FRP	72" x 12"	72" x 12"	36"	69" x 9"	71.5" x 11.5"	35.75"	95	17	CWM-R1120-3k
WR-961236	FRP	96" x 12"	96" x 12"	36"	93" x 9"	95.5" x 11.5"	35.75"	120	22.6	CWM-R1120-4k
WR-1201236	FRP	120" x 12"	120" x 12"	36"	117" x 9"	119.5" x 11.5"	35.75"	150	28.4	CWM-R1120-5k

4



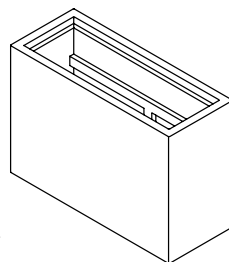
WRT-3000



WR-481218

## Rectangles continued...

Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WCR-362430	GFRC	36" x 24"	36" x 24"	30"	32" x 20"	34.5" x 22.5"	29.25"	300	12.5	CWM-R2920-MS
WCR-482430	GFRC	48" x 24"	48" x 24"	30"	44" x 20"	46.5" x 22.5"	29.25"	365	16.9	CWM-R1620-2k
WCR-602430	GFRC	60" x 24"	60" x 24"	30"	56" x 20"	58.5" x 22.5"	29.25"	445	21.3	CWM-R2020-2k
WCR-722430	GFRC	72" x 24"	72" x 24"	30"	68" x 20"	70.5" x 22.5"	29.25"	520	25.6	CWM-R1620-3k
WCR-962430	GFRC	96" x 24"	96" x 24"	30"	92" x 20"	94.5" x 22.5"	29.25"	700	34.1	CWM-R1620-4k
WCR-1202430	GFRC	120" x 24"	120" x 24"	30"	116" x 20"	118.5" x 22.5"	29.25"	845	42.8	CWM-R2020-4k
WR-362436	FRP	36" x 24"	36" x 24"	36"	33" x 21"	35.5" x 23.5"	35.75"	105	17.4	CWM-R2920-MS
WR-482436	FRP	48" x 24"	48" x 24"	36"	45" x 21"	47.5" x 23.5"	35.75"	135	23.3	CWM-R1620-2k
WR-602436	FRP	60" x 24"	60" x 24"	36"	57" x 21"	59.5" x 23.5"	35.75"	165	29.1	CWM-R2020-2k
WR-722436	FRP	72" x 24"	72" x 24"	36"	69" x 21"	71.5" x 23.5"	35.75"	200	35	CWM-R1620-3k
WR-962436	FRP	96" x 24"	96" x 24"	36"	93" x 21"	95.5" x 23.5"	35.75"	265	46.7	CWM-R1620-4k
WR-1202436	FRP	120" x 24"	120" x 24"	36"	117" x 21"	119.5" x 23.5"	35.75"	330	58.4	CWM-R1620-5k
WCR-362436	GFRC	36" x 24"	36" x 24"	36"	31" x 19"	34.5" x 22.5"	35.25"	375	14.9	CWM-R2020-MS
WCR-482436	GFRC	48" x 24"	48" x 24"	36"	43" x 19"	46.5" x 22.5"	35.25"	460	20.2	CWM-R1620-2k
WCR-602436	GFRC	60" x 24"	60" x 24"	36"	55" x 19"	58.5" x 22.5"	35.25"	565	25.4	CWM-R2020-2k
WCR-722436	GFRC	72" x 24"	72" x 24"	36"	67" x 19"	70.5" x 22.5"	35.25"	660	30.6	CWM-R1620-3k
WCR-962436	GFRC	96" x 24"	96" x 24"	36"	91" x 19"	94.5" x 22.5"	35.25"	885	40.7	CWM-R1620-4k
WCR-1202436	GFRC	120" x 24"	120" x 24"	36"	115" x 19"	118.5" x 22.5"	35.25"	1070	51.1	CWM-R2020-4k
WR-362442	FRP	36" x 24"	36" x 24"	42"	33" x 21"	35.5" x 23.5"	41.75"	120	19.7	CWM-R2920-MS
WR-482442	FRP	48" x 24"	48" x 24"	42"	45" x 21"	47.5" x 23.5"	41.75"	160	26.3	CWM-R1620-2k
WR-602442	FRP	60" x 24"	60" x 24"	42"	57" x 21"	59.5" x 23.5"	41.75"	195	32.9	CWM-R2020-2k
WR-722442	FRP	72" x 24"	72" x 24"	42"	69" x 21"	71.5" x 23.5"	41.75"	235	39.5	CWM-R1620-3k
WR-962442	FRP	96" x 24"	96" x 24"	42"	93" x 21"	95.5" x 23.5"	41.75"	310	52.7	CWM-R1620-4k
WR-1202442	FRP	120" x 24"	120" x 24"	42"	117" x 21"	119.5" x 23.5"	41.75"	385	65.9	CWM-R1620-5k
WCR-362442	GFRC	36" x 24"	36" x 24"	42"	31" x 19"	34.5" x 22.5"	41.25"	425	17.6	CWM-R2020-MS
WCR-482442	GFRC	48" x 24"	48" x 24"	42"	43" x 19"	46.5" x 22.5"	41.25"	515	23.8	CWM-R1620-2k
WCR-602442	GFRC	60" x 24"	60" x 24"	42"	55" x 19"	58.5" x 22.5"	41.25"	630	29.9	CWM-R2020-2k
WCR-722442	GFRC	72" x 24"	72" x 24"	42"	67" x 19"	70.5" x 22.5"	41.25"	735	36.0	CWM-R1620-3k
WCR-962442	GFRC	96" x 24"	96" x 24"	42"	91" x 19"	94.5" x 22.5"	41.25"	965	48.1	CWM-R2020-3k
WCR-1202442	GFRC	120" x 24"	120" x 24"	42"	115" x 19"	118.5" x 22.5"	41.25"	1175	60.3	CWM-R2020-4k
WR-363018	FRP	36" x 30"	36" x 30"	18"	33" x 27"	35.5" x 29.5"	17.75"	40	10.9	CWM-R2914-MS
WR-483018	FRP	48" x 30"	48" x 30"	18"	45" x 27"	47.5" x 29.5"	17.75"	50	14.5	CWM-R1614-2k
WR-603018	FRP	60" x 30"	60" x 30"	18"	57" x 27"	59.5" x 29.5"	17.75"	60	18.2	CWM-R2014-2k
WR-723018	FRP	72" x 30"	72" x 30"	18"	69" x 27"	71.5" x 29.5"	17.75"	70	21.8	CWM-R1614-3k
WR-963018	FRP	96" x 30"	96" x 30"	18"	93" x 27"	95.5" x 29.5"	17.75"	90	27.6	CWM-R1614-4k
WR-1203018	FRP	120" x 30"	120" x 30"	18"	117" x 27"	119.5" x 29.5"	17.75"	105	35.6	CWM-R1614-5k



WCR-602442

# FRP Fiberglass

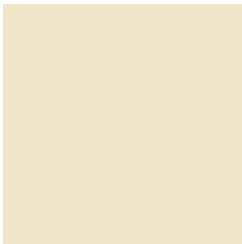
One reason our customers love FRP fiberglass is for the range of fantastic finishes that can be achieved on a lightweight pot. Combine a color with the right texture to find the perfect look and durability for your project. Our Smooth texture fiberglass products come in a satin finish.

## Standard Colors

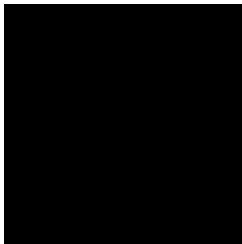
Our standard colors are applied acrylic enamel paints. Print and digital colors may vary slightly, please order a sample for actual color match so you know what you are getting. We can also match nearly any color – ask your salesperson for details.



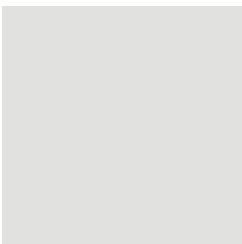
White



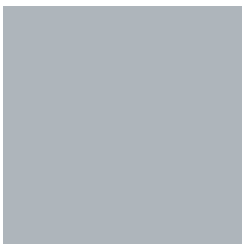
Reed



Pitch



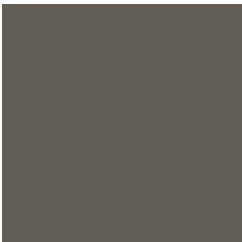
Smoke



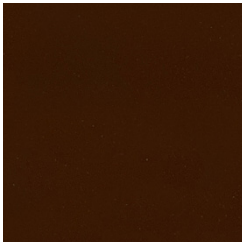
Shark



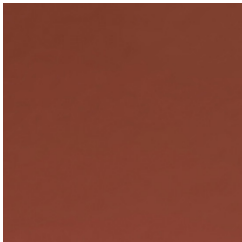
Shadow



Puddle



Chocolate



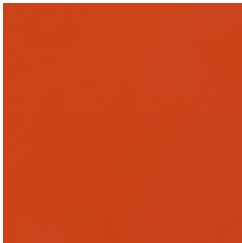
Terra Cotta



Sage



Citron



Tomato



Basil



Caribbean



Royalty

**Note:** Actual color should be based upon painted samples provided by Tournesol. Do not rely on the colors printed in this catalog, on our website, or online.

# Wilshire Collection

Materials: **FRP Fiberglass and Lightweight GFRC Concrete**

The Wilshire Collection is nothing fancy - straight walls and a slight reveal. Put several of them together and it creates a highly effective way to configure space using live plants. The elegant straight lines disappear, emphasizing the plant, as it should be. Available in FRP fiberglass and lightweight GFRC concrete, in a huge range of sizes.



- Lightweight FRP fiberglass and GFRC are designed to be durable despite low weight - even for heavy-traffic locations
- Coordinates with our self-watering container irrigation products
- Wilshire collection is also available in Weathering steel and powdercoat steel versions
- Round, square and rectangular sizes from 18" to 120", with customization available
- Matching ash, trash and recyclers available



Wilshire square and round planters are available in sizes from 18" to 72", many FRP fiberglass and GFRC colors, textures and finishes. Check with your salesperson for alternative sizes.

### Round Planters with Toe Kick

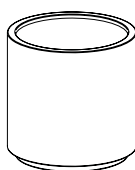
Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WS-1800	FRP	18" dia	15" dia	20"	15" dia	14.5" dia	19.75	15	2.5	CWC-1216
WS-2400	FRP	24" dia	21" dia	24"	21" dia	20.5" dia	23.75"	24	6	CWC-1600/CWM-1114-2k
WS-3000	FRP	30" dia	26" dia	27"	27" dia	25.5" dia	26.75"	35	11	CWC-2400/CWM-1720-2k
WS-3600	FRP	36" dia	32" dia	30"	31.5" dia	31.5" dia	29.75"	50	17	CWC-2800/CWM-1720-3k
WS-4200	FRP	42" dia	38" dia	33"	37.5" dia	37.5" dia	32.75"	65	26	CWC-3300/CWM-1720-3k
WS-4800	FRP	48" dia	44" dia	36"	43.5" dia	43.5" dia	35.75"	80	35.5	CWM-2920-3k
WS-6000	FRP	60" dia	56" dia	36"	55.5" dia	55.5" dia	35.75"	105	55.5	CWM-2920-4k
WS-7200	FRP	72" dia	68" dia	42"	67" dia	67.5" dia	41.75"	145	94.5	CWM-2920-5k
WCS-2400	GFRC	24" dia	21" dia	24"	21" dia	19.5" dia	23.25"	130	5.5	CWC-1600/CWM-1114-2k
WCS-3000	GFRC	30" dia	26" dia	27"	27" dia	24.5" dia	26.25"	185	10	CWC-2400/CWM-1720-2k
WCS-3600	GFRC	36" dia	32" dia	30"	31.5" dia	30.5" dia	29.25"	275	16.5	CWC-2800/CWM-1720-3k
WCS-4200	GFRC	42" dia	38" dia	33"	37.5" dia	36.5" dia	32.25"	340	25	CWC-3300/CWM-1720-3k
WCS-4800	GFRC	48" dia	44" dia	36"	43.5" dia	42.5" dia	35.25"	445	32.5	CWM-2920-3k
WCS-6000	GFRC	60" dia	56" dia	36"	55.5" dia	54.5" dia	35.25"	590	52	CWM-2920-4k
WCS-7200	GFRC	72" dia	68" dia	42"	67" dia	66.5" dia	41.25"	865	86.5	CWM-2920-4k

### Square Planters with Toe Kick

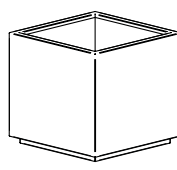
Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WR-1800	FRP	18" x 18"	15" x 15"	20"	15" x 15"	14.5" x 14.5"	19.75"	19	3.4	CWC-R1300
WR-2400	FRP	24" x 24"	21" x 21"	24"	21" x 21"	20.5" x 20.5"	23.75"	40	8	CWC-R1850/CWM-R1114-2k
WR-3000	FRP	30" x 30"	26" x 26"	27"	27" x 27"	25.5" x 25.5"	26.75"	50	14	CWM-R1620-2k
WR-3600	FRP	36" x 36"	32" x 32"	30"	31" x 31"	31.5" x 31.5"	29.75"	70	22	CWM-R1620-2k
WR-4200	FRP	42" x 42"	38" x 38"	36"	37" x 37"	43.5" x 43.5"	35.75"	80	37	CWM-1720-4K
WR-4800	FRP	48" x 48"	44" x 44"	36"	43" x 43"	43.5" x 43.5"	35.75"	110	48	CWM-R2920-2k
WR-4824	FRP	48" x 48"	44" x 44"	24"	43" x 43"	43.5" x 43.5"	23.75"	80	29	CWM-R2914-2k
WR-6000	FRP	60" x 60"	56" x 56"	42"	55" x 55"	55.5" x 55.5"	41.75"	135	80	CWM-R2920-4k
WR-7200	FRP	72" x 72"	68" x 68"	42"	67" x 67"	67.5" x 67.5"	41.75"	165	120	CWM-R2020-4k-E
WCR-2400	GFRC	24" x 24"	21.5" x 21.5"	24"	21" x 21"	19.5" x 19.5"	23.25"	225	7	CWC-R1850/CWM-R1114-2k
WCR-3000	GFRC	30" x 30"	26" x 26"	27"	26" x 26"	24.5" x 24.5"	26.25"	275	11	CWM-R1620-2k
WCR-3600	GFRC	36" x 36"	32" x 32"	30"	31" x 31"	30.5" x 30.5"	29.25"	430	21	CWM-R2020-2k
WCR-4800	GFRC	48" x 48"	40.5" x 40.5"	36"	43" x 43"	42.5" x 42.5"	35.25"	700	45	CWM-R2920-2k
WCR-4824	GFRC	48" x 48"	40.5" x 40.5"	24"	43" x 43"	42.5" x 42.5"	23.25"	500	26.5	CWM-R2914-2k
WCR-6000	GFRC	60" x 60"	56" x 56"	42"	55" x 55"	54.5" x 54.5"	41.25"	1050	51	CWM-R2920-4k
WCR-7200	GFRC	72" x 72"	68" x 68"	42"	67" x 67"	66.5" x 66.5"	41.25"	1250	112.5	CWM-R2020-4k-E

2

WS-2400



WR-2400





Wilshire square and round planters can also be ordered with no reveal (toe kick) at the bottom, to coordinate with standard rectangles.

### Round Planters without Toe Kick

Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WS-1800F	FRP	18" dia	18" dia	20"	15" dia	14.5" dia	19.75"	15	2.5	CWC-1216
WS-2400F	FRP	24" dia	24" dia	24"	21" dia	20.5" dia	23.75"	24	6	CWC-1600/CWM-1114-2k
WS-3000F	FRP	30" dia	30" dia	27"	27" dia	25.5" dia	26.75"	35	11	CWC-2400/CWM-1720-2k
WS-3600F	FRP	36" dia	36" dia	30"	31.5" dia	31.5" dia	29.75"	50	17	CWC-2800/CWM-1720-3k
WS-4200F	FRP	42" dia	42" dia	33"	37.5" dia	37.5" dia	32.75"	65	26	CWC-3300/CWM-1720-3k
WS-4800F	FRP	48" dia	48" dia	36"	43.5" dia	43.5" dia	35.75"	80	35.5	CWM-2920-3k
WS-6000F	FRP	60" dia	60" dia	36"	55.5" dia	55.5" dia	35.75"	105	55.5	CWM-2920-4k
WS-7200F	FRP	72" dia	72" dia	42"	67" dia	67.5" dia	41.75"	145	94.5	CWM-2920-5k
WCS-2400F	GFRC	24" dia	24" dia	24"	21" dia	19.5" dia	23.25"	130	5.5	CWC-1600/CWM-1114-2k
WCS-3000F	GFRC	30" dia	30" dia	27"	27" dia	24.5" dia	26.25"	185	10	CWC-2400/CWM-1720-2k
WCS-3600F	GFRC	36" dia	36" dia	30"	31.5" dia	30.5" dia	29.25"	275	16.5	CWC-2800/CWM-1720-3k
WCS-4200F	GFRC	42" dia	42" dia	33"	37.5" dia	36.5" dia	32.25"	340	25	CWC-3300/CWM-1720-3k
WCS-4800F	GFRC	48" dia	48" dia	36"	43.5" dia	42.5" dia	35.25"	445	32.5	CWM-2920-3k
WCS-6000F	GFRC	60" dia	60" dia	36"	55.5" dia	54.5" dia	35.25"	590	52	CWM-2920-4k
WCS-7200F	GFRC	72" dia	72" dia	42"	67" dia	66.5" dia	41.25"	865	86.5	CWM-2920-4k

### Square Planters without Toe Kick

Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WR-1800F	FRP	18" x 18"	18" x 18"	20"	15" x 15"	14.5" x 14.5"	19.75"	19	3.4	CWC-R1300
WR-2400F	FRP	24" x 24"	24" x 24"	24"	21" x 21"	20.5" x 20.5"	23.75"	40	8	CWC-R1850/CWM-R1114-2k
WR-3000F	FRP	30" x 30"	30" x 30"	27"	27" x 27"	25.5" x 25.5"	26.75"	50	14	CWM-R1620-2k
WR-3600F	FRP	36" x 36"	36" x 36"	30"	31" x 31"	31.5" x 31.5"	29.75"	70	22	CWM-R1620-2k
WR-4200F	FRP	42" x 42"	38" x 38"	36"	37" x 37"	43.5" x 43.5"	35.75"	80	37	CWM-1720-4K
WR-4800F	FRP	48" x 48"	48" x 48"	36"	43" x 43"	43.5" x 43.5"	35.75"	110	48	CWM-R2920-2k
WR-4824F	FRP	48" x 48"	48" x 48"	24"	43" x 43"	43.5" x 43.5"	23.75"	80	29	CWM-R2914-2k
WR-6000F	FRP	60" x 60"	60" x 60"	42"	55" x 55"	55.5" x 55.5"	41.75"	135	80	CWM-R2920-4k
WR-7200F	FRP	72" x 72"	72" x 72"	42"	67" x 67"	67.5" x 67.5"	41.75"	165	120	CWM-R2020-4k-E
WCR-2400F	GFRC	24" x 24"	24" x 24"	24"	21" x 21"	19.5" x 19.5"	23.25"	225	7	CWC-R1850/CWM-R1114-2k
WCR-3000F	GFRC	30" x 30"	30" x 30"	27"	26" x 26"	24.5" x 24.5"	26.25"	275	11	CWM-R1620-2k
WCR-3600F	GFRC	36" x 36"	36" x 36"	30"	31" x 31"	30.5" x 30.5"	29.25"	430	21	CWM-R2020-2k
WCR-4800F	GFRC	48" x 48"	48" x 48"	36"	43" x 43"	42.5" x 42.5"	35.25"	700	45	CWM-R2920-2k
WCR-4824F	GFRC	48" x 48"	48" x 48"	24"	43" x 43"	42.5" x 42.5"	23.25"	500	26.5	CWM-R2914-2k
WCR-6000F	GFRC	60" x 60"	60" x 60"	42"	55" x 55"	54.5" x 54.5"	41.25"	1050	51	CWM-R2920-4k
WCR-7200F	GFRC	72" x 72"	72" x 72"	42"	67" x 67"	66.5" x 66.5"	41.25"	1250	112.5	CWM-R2020-4k-E

## Square Tall - All tall planters come full depth. Available with false bottom.

Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WRT-1800	FRP	18" x 18"	18" x 18"	30"	15" x 15"	17.5" x 17.5"	29.75"	35	5.1	CWC-R1100
WRT-2400	FRP	24" x 24"	24" x 24"	48"	21" x 21"	23.5" x 23.5"	47.75"	70	15.1	CWC-R1850
WRT-3000	FRP	30" x 30"	30" x 30"	54"	27" x 27"	29.5" x 29.5"	53.75"	100	26.6	CWM-R1620-2k-CRT
WCRT-1800	GFRC	18" x 18"	18" x 18"	30"	15" x 15"	16.5" x 16.5"	29"	115	5.2	CWC-R1100
WCRT-2400	GFRC	24" x 24"	24" x 24"	48"	21" x 21"	22.5" x 22.5"	47"	240	14.9	CWC-R1850
WCRT-3000	GFRC	30" x 30"	30" x 30"	54"	26" x 26"	28.5" x 28.5"	53"	390	26.4	CWM-R1620-2k-CRT

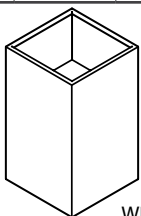
## Round Tall - All tall planters come full depth. Available with false bottom.

Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WST-1800	FRP	18" x 18"	18" x 18"	30"	15" x 15"	17.5" x 17.5"	29.75"	25	4.1	CWI-1200
WST-2400	FRP	24" x 24"	24" x 24"	48"	21" x 21"	23.5" x 23.5"	47.75"	50	11.9	CWI-1700
WST-3000	FRP	30" x 30"	30" x 30"	54"	27" x 27"	29.5" x 29.5"	53.75"	70	21.0	CWI-2200
WCST-1800	GFRC	18" x 18"	18" x 18"	30"	15" x 15"	16.5" x 16.5"	29"	95	3.5	CWI-1200
WCST-2400	GFRC	24" x 24"	24" x 24"	48"	21" x 21"	22.5" x 22.5"	47"	190	10.6	CWI-1700
WCST-3000	GFRC	30" x 30"	30" x 30"	54"	26" x 26"	28.5" x 28.5"	53"	285	19.2	CWI-2200

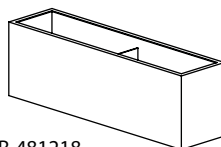
## Rectangles

Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WR-241012	FRP	24" x 10"	24" x 10"	12"	21" x 7"	23.5" x 9.5"	11.75"	12	1.5	CWM-R1109-MS
WR-361012	FRP	36" x 10"	36" x 10"	12"	33" x 7"	35.5" x 9.5"	11.75"	16	2.3	CWM-R1109-2k
WR-481012	FRP	48" x 10"	48" x 10"	12"	45" x 7"	47.5" x 9.5"	11.75"	21	3.1	CWM-R1109-2k
WR-601012	FRP	60" x 10"	60" x 10"	12"	57" x 7"	59.5" x 9.5"	11.75"	26	3.9	CWM-R1109-2k
WR-721012	FRP	72" x 10"	72" x 10"	12"	69" x 7"	71.5" x 9.5"	11.75"	30	4.7	CWM-R1109-3k
WR-961012	FRP	96" x 10"	96" x 10"	12"	93" x 7"	95.5" x 9.5"	11.75"	40	6.3	CWM-R1109-5k
WR-1201012	FRP	120" x 10"	120" x 10"	12"	117" x 7"	119.5" x 9.5"	11.75"	50	7.8	CWM-R1109-5k
WR-241218	FRP	24" x 12"	24" x 12"	18"	21" x 9"	23.5" x 11.5"	17.75"	17	2.8	CWM-R1114-MS
WR-361218	FRP	36" x 12"	36" x 12"	18"	33" x 9"	35.5" x 11.5"	17.75"	23	4.3	CWM-R1114-2k
WR-481218	FRP	48" x 12"	48" x 12"	18"	45" x 9"	47.5" x 11.5"	17.75"	30	5.7	CWM-R1114-2k
WR-601218	FRP	60" x 12"	60" x 12"	18"	57" x 9"	59.5" x 11.5"	17.75"	40	7.1	CWM-R1114-2k
WR-721218	FRP	72" x 12"	72" x 12"	18"	69" x 9"	71.5" x 11.5"	17.75"	45	8.5	CWM-R1114-3k
WR-961218	FRP	96" x 12"	96" x 12"	18"	93" x 9"	95.5" x 11.5"	17.75"	60	11.4	CWM-R1114-4k
WR-1201218	FRP	120" x 12"	120" x 12"	18"	117" x 9"	119.5" x 11.5"	17.75"	70	14.3	CWM-R1114-5k
WCR-241218	GFRC	24" x 12"	24" x 12"	18"	20" x 8"	22.5" x 10.5"	17.25"	110	2.1	CWM-R1109-MS
WCR-361218	GFRC	36" x 12"	36" x 12"	18"	32" x 8"	34.5" x 10.5"	17.25"	150	3.3	CWM-R1109-2k
WCR-481218	GFRC	48" x 12"	48" x 12"	18"	44" x 8"	46.5" x 10.5"	17.25"	190	4.5	CWM-R1109-2k
WCR-601218	GFRC	60" x 12"	60" x 12"	18"	56" x 8"	58.5" x 10.5"	17.25"	230	5.6	CWM-R1109-3k
WCR-721218	GFRC	72" x 12"	72" x 12"	18"	68" x 8"	70.5" x 10.5"	17.25"	270	6.8	CWM-R1109-4k
WCR-961218	GFRC	96" x 12"	96" x 12"	18"	92" x 8"	94.5" x 10.5"	17.25"	350	9.1	CWM-R1109-5k
WCR-1201218	GFRC	120" x 12"	120" x 12"	18"	116" x 8"	118.5" x 10.5"	17.25"	430	11.4	CWM-R1109-5k + CWM R1109-MS
WR-241236	FRP	24" x 12"	24" x 12"	36"	21" x 9"	23.5" x 11.5"	35.75"	40	5.6	CWM-R1120-MS
WR-361236	FRP	36" x 12"	36" x 12"	36"	33" x 9"	35.5" x 11.5"	35.75"	50	8.5	CWM-R1120-2k
WR-481236	FRP	48" x 12"	48" x 12"	36"	45" x 9"	47.5" x 11.5"	35.75"	65	11.3	CWM-R1120-2k
WR-601236	FRP	60" x 12"	60" x 12"	36"	57" x 9"	59.5" x 11.5"	35.75"	80	14.2	CWM-R1120-2k
WR-721236	FRP	72" x 12"	72" x 12"	36"	69" x 9"	71.5" x 11.5"	35.75"	95	17	CWM-R1120-3k
WR-961236	FRP	96" x 12"	96" x 12"	36"	93" x 9"	95.5" x 11.5"	35.75"	120	22.6	CWM-R1120-4k
WR-1201236	FRP	120" x 12"	120" x 12"	36"	117" x 9"	119.5" x 11.5"	35.75"	150	28.4	CWM-R1120-5k

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WRT-3000

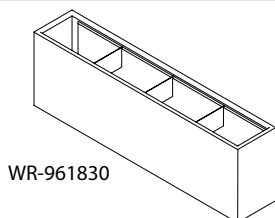


WR-481218

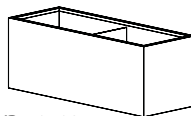
## Rectangles continued...

Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	(bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WR-241818	FRP	24" x 18"	24" x 18"	18"	21" x 15"	23.5" x 17.5"	17.75"	21	4.3	CWM-R1114-MS
WR-361818	FRP	36" x 18"	36" x 18"	18"	33" x 15"	35.5" x 17.5"	17.75"	30	6.5	CWM-R1114-2k
WR-481818	FRP	48" x 18"	48" x 18"	18"	45" x 15"	47.5" x 17.5"	17.75"	40	8.6	CWM-R1114-2k
WR-601818	FRP	60" x 18"	60" x 18"	18"	57" x 15"	59.5" x 17.5"	17.75"	45	10.8	CWM-R1114-2k
WR-721818	FRP	72" x 18"	72" x 18"	18"	69" x 15"	71.5" x 17.5"	17.75"	55	12.9	CWM-R1114-3k
WR-961818	FRP	96" x 18"	96" x 18"	18"	93" x 15"	95.5" x 17.5"	17.75"	70	17.3	CWM-R1114-4k
WR-1201818	FRP	120" x 18"	120" x 18"	18"	117" x 15"	119.5" x 17.5"	17.75"	85	21.6	CWM-R1114-4k/5K or CWM-R1614-4k/5k
WCR-241818	GFRC	24" x 18"	24" x 18"	18"	20" x 14"	22.5" x 16.5"	17.25"	135	3.4	CWM-R1109-MS
WCR-361818	GFRC	36" x 18"	36" x 18"	18"	32" x 14"	34.5" x 16.5"	17.25"	175	5.3	CWM-R1109-2k
WCR-481818	GFRC	48" x 18"	48" x 18"	18"	44" x 14"	46.5" x 16.5"	17.25"	220	7.1	CWM-R1109-2k
WCR-601818	GFRC	60" x 18"	60" x 18"	18"	56" x 14"	58.5" x 16.5"	17.25"	270	8.9	CWM-R1109-3k
WCR-721818	GFRC	72" x 18"	72" x 18"	18"	68" x 14"	70.5" x 16.5"	17.25"	315	10.8	CWM-R1109-4k
WCR-961818	GFRC	96" x 18"	96" x 18"	18"	92" x 14"	94.5" x 16.5"	17.25"	445	14.2	CWM-R1109-5k
WCR-1201818	GFRC	120" x 18"	120" x 18"	18"	116" x 14"	118.5" x 16.5"	17.25"	545	17.8	CWM-R1114-4k/5K or CWM-R1614-4k/5k
WR-241824	FRP	24" x 18"	24" x 18"	24"	21" x 15"	23.5" x 17.5"	23.75"	26	5.7	CWM-R1620-MS
WR-361824	FRP	36" x 18"	36" x 18"	24"	33" x 15"	35.5" x 17.5"	23.75"	35	8.6	CWM-R2020-MS
WR-481824	FRP	48" x 18"	48" x 18"	24"	45" x 15"	47.5" x 17.5"	23.75"	45	11.5	CWM-R1620-2k
WR-601824	FRP	60" x 18"	60" x 18"	24"	57" x 15"	59.5" x 17.5"	23.75"	55	14.4	CWM-R1620-2k
WR-721824	FRP	72" x 18"	72" x 18"	24"	69" x 15"	71.5" x 17.5"	23.75"	65	17.3	CWM-R1620-3k
WR-961824	FRP	96" x 18"	96" x 18"	24"	93" x 15"	95.5" x 17.5"	23.75"	85	23.1	CWM-R1620-4k
WR-1201824	FRP	120" x 18"	120" x 18"	24"	117" x 15"	119.5" x 17.5"	23.75"	100	28.9	CWM-R1620-5k
WCR-241824	GFRC	24" x 18"	24" x 18"	24"	20" x 14"	22.5" x 16.5"	23.25"	160	4.7	CWM-R1614-MS
WCR-361824	GFRC	36" x 18"	36" x 18"	24"	32" x 14"	34.5" x 16.5"	23.25"	225	7.1	CWM-R2014-MS
WCR-481824	GFRC	48" x 18"	48" x 18"	24"	44" x 14"	46.5" x 16.5"	23.25"	285	9.7	CWM-R1614-2k
WCR-601824	GFRC	60" x 18"	60" x 18"	24"	56" x 14"	58.5" x 16.5"	23.25"	345	12.1	CWM-R2014-2k
WCR-721824	GFRC	72" x 18"	72" x 18"	24"	68" x 14"	70.5" x 16.5"	23.25"	410	14.6	CWM-R1614-3k
WCR-961824	GFRC	96" x 18"	96" x 18"	24"	92" x 14"	94.5" x 16.5"	23.25"	555	19.3	CWM-R1614-3k
WCR-1201824	GFRC	120" x 18"	120" x 18"	24"	116" x 14"	118.5" x 16.5"	23.25"	685	24.3	CWM-R1614-4k
WR-241830	FRP	24" x 18"	24" x 18"	30"	21" x 15"	23.5" x 17.5"	29.75"	35	7	CWM-R1620-MS
WR-361830	FRP	36" x 18"	36" x 18"	30"	33" x 15"	35.5" x 17.5"	29.75"	45	10.5	CWM-R2020-MS
WR-481830	FRP	48" x 18"	48" x 18"	30"	45" x 15"	47.5" x 17.5"	29.75"	110	13.5	CWM-R1620-2k
WR-601830	FRP	60" x 18"	60" x 18"	30"	57" x 15"	59.5" x 17.5"	29.75"	135	16.9	CWM-R2020-2k
WR-721830	FRP	72" x 18"	72" x 18"	30"	69" x 15"	71.5" x 17.5"	29.75"	160	20.2	CWM-R1620-3k
WR-961830	FRP	96" x 18"	96" x 18"	30"	93" x 15"	95.5" x 17.5"	29.75"	210	27	CWM-R1620-4k
WR-1201830	FRP	120" x 18"	120" x 18"	30"	117" x 15"	119.5" x 17.5"	29.75"	265	33.7	CWM-R1620-5k
WCR-241830	GFRC	24" x 18"	24" x 18"	30"	20" x 14"	22.5" x 16.5"	29.25"	190	6.0	CWM-R1620-MS
WCR-361830	GFRC	36" x 18"	36" x 18"	30"	32" x 14"	34.5" x 16.5"	29.25"	260	9.1	CWM-R2020-MS
WCR-481830	GFRC	48" x 18"	48" x 18"	30"	44" x 14"	46.5" x 16.5"	29.25"	325	12.3	CWM-R1620-2k
WCR-601830	GFRC	60" x 18"	60" x 18"	30"	56" x 14"	58.5" x 16.5"	29.25"	400	15.5	CWM-R2020-2k
WCR-721830	GFRC	72" x 18"	72" x 18"	30"	68" x 14"	70.5" x 16.5"	29.25"	470	18.6	CWM-R1620-3k
WCR-961830	GFRC	96" x 18"	96" x 18"	30"	92" x 14"	94.5" x 16.5"	29.25"	635	24.7	CWM-R2020-3k
WCR-1201830	GFRC	120" x 18"	120" x 18"	30"	116" x 14"	118.5" x 16.5"	29.25"	780	31.0	CWM-R2020-4k

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WR-961830

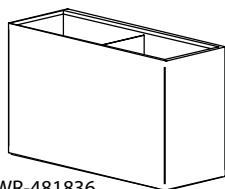


WR-481824



## Rectangles continued...

Part No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WR-241836	FRP	24" x 18"	24" x 18"	36"	21" x 15"	23.5" x 17.5"	35.75"	45	8.4	CWM-R1620-MS
WR-361836	FRP	36" x 18"	36" x 18"	36"	33" x 15"	35.5" x 17.5"	35.75"	60	12.7	CWM-R2020-MS
WR-481836	FRP	48" x 18"	48" x 18"	36"	45" x 15"	47.5" x 17.5"	35.75"	80	17	CWM-R1620-2k
WR-601836	FRP	60" x 18"	60" x 18"	36"	57" x 15"	59.5" x 17.5"	35.75"	95	21.2	CWM-R2020-2k
WR-721836	FRP	72" x 18"	72" x 18"	36"	69" x 15"	71.5" x 17.5"	35.75"	110	25.5	CWM-R1620-3k
WR-961836	FRP	96" x 18"	96" x 18"	36"	93" x 15"	95.5" x 17.5"	35.75"	145	34	CWM-R1620-4k
WR-1201836	FRP	120" x 18"	120" x 18"	36"	117" x 15"	119.5" x 17.5"	35.75"	175	42.6	CWM-R1620-5k
WCR-241836	GFRC	24" x 18"	24" x 18"	36"	21" x 15"	22.5" x 16.5"	35.25"	190	7.3	CWM-R1620-MS
WCR-361836	GFRC	36" x 18"	36" x 18"	36"	33" x 15"	34.5" x 16.5"	35.25"	275	11.1	CWM-R1620-MS
WCR-481836	GFRC	48" x 18"	48" x 18"	36"	45" x 15"	46.5" x 16.5"	35.25"	340	15.0	CWM-R1620-2k
WCR-601836	GFRC	60" x 18"	60" x 18"	36"	57" x 15"	58.5" x 16.5"	35.25"	425	18.7	CWM-R2020-2k
WCR-721836	GFRC	72" x 18"	72" x 18"	36"	69" x 15"	70.5" x 16.5"	35.25"	500	22.5	CWM-R1620-3k
WCR-961836	GFRC	96" x 18"	96" x 18"	36"	93" x 15"	94.5" x 16.5"	35.25"	640	30.2	CWM-R1620-4k
WCR-1201836	GFRC	120" x 18"	120" x 18"	36"	117" x 15"	118.5" x 16.5"	35.25"	835	37.5	CWM-R1620-4k
WR-242418	FRP	24" x 24"	24" x 24"	18"	21" x 21"	23.5" x 23.5"	17.75"	25	5.7	CWM-R1614-MS
WR-362418	FRP	36" x 24"	36" x 24"	18"	33" x 21"	35.5" x 23.5"	17.75"	35	8.7	CWM-R2014-MS
WR-482418	FRP	48" x 24"	48" x 24"	18"	45" x 21"	47.5" x 23.5"	17.75"	45	11.5	CWM-R1614-2k
WR-602418	FRP	60" x 24"	60" x 24"	18"	57" x 21"	59.5" x 23.5"	17.75"	50	14.5	CWM-R2014-2k
WR-722418	FRP	72" x 24"	72" x 24"	18"	69" x 21"	71.5" x 23.5"	17.75"	60	17.4	CWM-R1614-3k
WR-962418	FRP	96" x 24"	96" x 24"	18"	93" x 21"	95.5" x 23.5"	17.75"	80	23.2	CWM-R1614-4k
WR-1202418	FRP	120" x 24"	120" x 24"	18"	117" x 21"	119.5" x 23.5"	17.75"	95	29	CWM-R1614-5k
WCR-242418	GFRC	24" x 24"	24" x 24"	18"	20" x 20"	22.5" x 22.5"	17.25"	155	4.7	CWM-R1109-MS
WCR-362418	GFRC	36" x 24"	36" x 24"	18"	32" x 20"	34.5" x 22.5"	17.25"	205	7.2	CWM-R1109-2k
WCR-482418	GFRC	48" x 24"	48" x 24"	18"	44" x 20"	46.5" x 22.5"	17.25"	255	9.8	CWM-R1109-3k
WCR-602418	GFRC	60" x 24"	60" x 24"	18"	56" x 20"	58.5" x 22.5"	17.25"	305	12.3	CWM-R1109-3k
WCR-722418	GFRC	72" x 24"	72" x 24"	18"	68" x 20"	70.5" x 22.5"	17.25"	360	14.8	CWM-R1109-4k
WCR-962418	GFRC	96" x 24"	96" x 24"	18"	92" x 20"	94.5" x 22.5"	17.25"	490	19.7	CWM-R1109-5k
WCR-1202418	GFRC	120" x 24"	120" x 24"	18"	116" x 20"	118.5" x 22.5"	17.25"	600	24.7	CWM-R1109-5K or CWM-R1109-MS

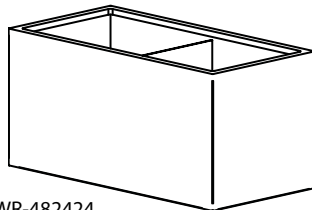


WR-481836



## Rectangles continued...

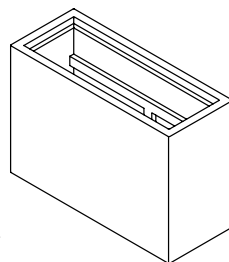
Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WR-242424	FRP	24" x 24"	24" x 24"	24"	21" x 21"	23.5" x 23.5"	23.75"	35	7.4	CWM-R1620-MS
WR-362424	FRP	36" x 24"	36" x 24"	24"	33" x 21"	35.5" x 23.5"	23.75"	40	11.6	CWM-R2920-MS
WR-482424	FRP	48" x 24"	48" x 24"	24"	45" x 21"	47.5" x 23.5"	23.75"	95	15	CWM-R1620-2k
WR-602424	FRP	60" x 24"	60" x 24"	24"	57" x 21"	59.5" x 23.5"	23.75"	115	18.8	CWM-R2020-2k
WR-722424	FRP	72" x 24"	72" x 24"	24"	69" x 21"	71.5" x 23.5"	23.75"	135	22.6	CWM-R1620-3k
WR-962424	FRP	96" x 24"	96" x 24"	24"	93" x 21"	95.5" x 23.5"	23.75"	180	30.1	CWM-R1620-4k
WR-1202424	FRP	120" x 24"	120" x 24"	24"	117" x 21"	119.5" x 23.5"	23.75"	220	37.7	CWM-R1620-5k
WCR-242424	GFRC	24" x 24"	24" x 24"	24"	20" x 20"	22.5" x 22.5"	23.25"	190	6.4	CWM-R1614-MS
WCR-362424	GFRC	36" x 24"	36" x 24"	24"	32" x 20"	34.5" x 22.5"	23.25"	260	9.8	CWM-R2014-MS
WCR-482424	GFRC	48" x 24"	48" x 24"	24"	44" x 20"	46.5" x 22.5"	23.25"	320	13.3	CWM-R1614-2k
WCR-602424	GFRC	60" x 24"	60" x 24"	24"	56" x 20"	58.5" x 22.5"	23.25"	385	16.7	CWM-R2014-2k
WCR-722424	GFRC	72" x 24"	72" x 24"	24"	68" x 20"	70.5" x 22.5"	23.25"	450	20.1	CWM-R1614-3k
WCR-962424	GFRC	96" x 24"	96" x 24"	24"	92" x 20"	94.5" x 22.5"	23.25"	575	27.0	CWM-R2014-3k
WCR-1202424	GFRC	120" x 24"	120" x 24"	24"	116" x 20"	118.5" x 22.5"	23.25"	705	33.9	CWM-R2014-4k
WR-362430	FRP	36" x 24"	36" x 24"	30"	33" x 21"	35.5" x 23.5"	29.75"	85	14.1	CWM-R2920-MS
WR-482430	FRP	48" x 24"	48" x 24"	30"	45" x 21"	47.5" x 23.5"	29.75"	115	18.8	CWM-R1620-2k
WR-602430	FRP	60" x 24"	60" x 24"	30"	57" x 21"	59.5" x 23.5"	29.75"	140	23.5	CWM-R2020-2k
WR-722430	FRP	72" x 24"	72" x 24"	30"	69" x 21"	71.5" x 23.5"	29.75"	170	28.2	CWM-R1620-3k
WR-962430	FRP	96" x 24"	96" x 24"	30"	93" x 21"	95.5" x 23.5"	29.75"	220	37.7	CWM-R1620-4k
WR-1202430	FRP	120" x 24"	120" x 24"	30"	117" x 21"	119.5" x 23.5"	29.75"	275	47.1	CWM-R1620-5k



WR-482424

## Rectangles continued...

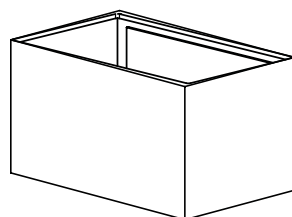
Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WCR-362430	GFRC	36" x 24"	36" x 24"	30"	32" x 20"	34.5" x 22.5"	29.25"	300	12.5	CWM-R2920-MS
WCR-482430	GFRC	48" x 24"	48" x 24"	30"	44" x 20"	46.5" x 22.5"	29.25"	365	16.9	CWM-R1620-2k
WCR-602430	GFRC	60" x 24"	60" x 24"	30"	56" x 20"	58.5" x 22.5"	29.25"	445	21.3	CWM-R2020-2k
WCR-722430	GFRC	72" x 24"	72" x 24"	30"	68" x 20"	70.5" x 22.5"	29.25"	520	25.6	CWM-R1620-3k
WCR-962430	GFRC	96" x 24"	96" x 24"	30"	92" x 20"	94.5" x 22.5"	29.25"	700	34.1	CWM-R1620-4k
WCR-1202430	GFRC	120" x 24"	120" x 24"	30"	116" x 20"	118.5" x 22.5"	29.25"	845	42.8	CWM-R2020-4k
WR-362436	FRP	36" x 24"	36" x 24"	36"	33" x 21"	35.5" x 23.5"	35.75"	105	17.4	CWM-R2920-MS
WR-482436	FRP	48" x 24"	48" x 24"	36"	45" x 21"	47.5" x 23.5"	35.75"	135	23.3	CWM-R1620-2k
WR-602436	FRP	60" x 24"	60" x 24"	36"	57" x 21"	59.5" x 23.5"	35.75"	165	29.1	CWM-R2020-2k
WR-722436	FRP	72" x 24"	72" x 24"	36"	69" x 21"	71.5" x 23.5"	35.75"	200	35	CWM-R1620-3k
WR-962436	FRP	96" x 24"	96" x 24"	36"	93" x 21"	95.5" x 23.5"	35.75"	265	46.7	CWM-R1620-4k
WR-1202436	FRP	120" x 24"	120" x 24"	36"	117" x 21"	119.5" x 23.5"	35.75"	330	58.4	CWM-R1620-5k
WCR-362436	GFRC	36" x 24"	36" x 24"	36"	31" x 19"	34.5" x 22.5"	35.25"	375	14.9	CWM-R2020-MS
WCR-482436	GFRC	48" x 24"	48" x 24"	36"	43" x 19"	46.5" x 22.5"	35.25"	460	20.2	CWM-R1620-2k
WCR-602436	GFRC	60" x 24"	60" x 24"	36"	55" x 19"	58.5" x 22.5"	35.25"	565	25.4	CWM-R2020-2k
WCR-722436	GFRC	72" x 24"	72" x 24"	36"	67" x 19"	70.5" x 22.5"	35.25"	660	30.6	CWM-R1620-3k
WCR-962436	GFRC	96" x 24"	96" x 24"	36"	91" x 19"	94.5" x 22.5"	35.25"	885	40.7	CWM-R1620-4k
WCR-1202436	GFRC	120" x 24"	120" x 24"	36"	115" x 19"	118.5" x 22.5"	35.25"	1070	51.1	CWM-R2020-4k
WR-362442	FRP	36" x 24"	36" x 24"	42"	33" x 21"	35.5" x 23.5"	41.75"	120	19.7	CWM-R2920-MS
WR-482442	FRP	48" x 24"	48" x 24"	42"	45" x 21"	47.5" x 23.5"	41.75"	160	26.3	CWM-R1620-2k
WR-602442	FRP	60" x 24"	60" x 24"	42"	57" x 21"	59.5" x 23.5"	41.75"	195	32.9	CWM-R2020-2k
WR-722442	FRP	72" x 24"	72" x 24"	42"	69" x 21"	71.5" x 23.5"	41.75"	235	39.5	CWM-R1620-3k
WR-962442	FRP	96" x 24"	96" x 24"	42"	93" x 21"	95.5" x 23.5"	41.75"	310	52.7	CWM-R1620-4k
WR-1202442	FRP	120" x 24"	120" x 24"	42"	117" x 21"	119.5" x 23.5"	41.75"	385	65.9	CWM-R1620-5k
WCR-362442	GFRC	36" x 24"	36" x 24"	42"	31" x 19"	34.5" x 22.5"	41.25"	425	17.6	CWM-R2020-MS
WCR-482442	GFRC	48" x 24"	48" x 24"	42"	43" x 19"	46.5" x 22.5"	41.25"	515	23.8	CWM-R1620-2k
WCR-602442	GFRC	60" x 24"	60" x 24"	42"	55" x 19"	58.5" x 22.5"	41.25"	630	29.9	CWM-R2020-2k
WCR-722442	GFRC	72" x 24"	72" x 24"	42"	67" x 19"	70.5" x 22.5"	41.25"	735	36.0	CWM-R1620-3k
WCR-962442	GFRC	96" x 24"	96" x 24"	42"	91" x 19"	94.5" x 22.5"	41.25"	965	48.1	CWM-R2020-3k
WCR-1202442	GFRC	120" x 24"	120" x 24"	42"	115" x 19"	118.5" x 22.5"	41.25"	1175	60.3	CWM-R2020-4k
WR-363018	FRP	36" x 30"	36" x 30"	18"	33" x 27"	35.5" x 29.5"	17.75"	40	10.9	CWM-R2914-MS
WR-483018	FRP	48" x 30"	48" x 30"	18"	45" x 27"	47.5" x 29.5"	17.75"	50	14.5	CWM-R1614-2k
WR-603018	FRP	60" x 30"	60" x 30"	18"	57" x 27"	59.5" x 29.5"	17.75"	60	18.2	CWM-R2014-2k
WR-723018	FRP	72" x 30"	72" x 30"	18"	69" x 27"	71.5" x 29.5"	17.75"	70	21.8	CWM-R1614-3k
WR-963018	FRP	96" x 30"	96" x 30"	18"	93" x 27"	95.5" x 29.5"	17.75"	90	27.6	CWM-R1614-4k
WR-1203018	FRP	120" x 30"	120" x 30"	18"	117" x 27"	119.5" x 29.5"	17.75"	105	35.6	CWM-R1614-5k



WCR-602442

## Rectangles continued...

Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	(bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WCR-363018	GFRC	36" x 30"	36" x 30"	18"	32" x 26"	34.5" x 28.5"	17.25"	235	9.2	CWM-R1109-2k
WCR-483018	GFRC	48" x 30"	48" x 30"	18"	44" x 26"	46.5" x 28.5"	17.25"	285	12.5	CWM-R1109-2k
WCR-603018	GFRC	60" x 30"	60" x 30"	18"	56" x 26"	58.5" x 28.5"	17.25"	345	15.7	CWM-R1109-3k
WCR-723018	GFRC	72" x 30"	72" x 30"	18"	68" x 26"	70.5" x 28.5"	17.25"	400	18.9	CWM-R1109-4k
WCR-963018	GFRC	96" x 30"	96" x 30"	18"	92" x 26"	94.5" x 28.5"	17.25"	540	25.2	CWM-R1109-5k
WCR-1203018	GFRC	120" x 30"	120" x 30"	18"	116" x 26"	118.5" x 28.5"	17.25"	660	31.6	CWM-R1109-3K or CWM-R1109-4K
WR-363024	FRP	36" x 30"	36" x 30"	24"	33" x 27"	35.5" x 29.5"	23.75"	75	13.7	CWM-R2920-MS
WR-483024	FRP	48" x 30"	48" x 30"	24"	45" x 27"	47.5" x 29.5"	23.75"	100	18.3	CWM-R1620-2k
WR-603024	FRP	60" x 30"	60" x 30"	24"	57" x 27"	59.5" x 29.5"	23.75"	120	22.8	CWM-R2020-2k
WR-723024	FRP	72" x 30"	72" x 30"	24"	69" x 27"	71.5" x 29.5"	23.75"	145	27.4	CWM-R1620-3k
WR-963024	FRP	96" x 30"	96" x 30"	24"	93" x 27"	95.5" x 29.5"	23.75"	190	36.6	CWM-R1620-4k
WR-1203024	FRP	120" x 30"	120" x 30"	24"	117" x 27"	119.5" x 29.5"	23.75"	235	45.7	CWM-R1620-5k
WCR-363024	GFRC	36" x 30"	36" x 30"	24"	32" x 26"	34.5" x 28.5"	23.25"	290	12.5	CWM-R2914-MS
WCR-483024	GFRC	48" x 30"	48" x 30"	24"	44" x 26"	46.5" x 28.5"	23.25"	355	16.9	CWM-R1614-2k
WCR-603024	GFRC	60" x 30"	60" x 30"	24"	56" x 26"	58.5" x 28.5"	23.25"	425	21.3	CWM-R2014-2k
WCR-723024	GFRC	72" x 30"	72" x 30"	24"	68" x 26"	70.5" x 28.5"	23.25"	500	25.7	CWM-R1614-3k
WCR-963024	GFRC	96" x 30"	96" x 30"	24"	92" x 26"	94.5" x 28.5"	23.25"	665	34.2	CWM-R2014-3k
WCR-1203024	GFRC	120" x 30"	120" x 30"	24"	116" x 26"	118.5" x 28.5"	23.25"	805	42.9	CWM-R2014-4k
WR-363030	FRP	36" x 30"	36" x 30"	30"	33" x 27"	35.5" x 29.5"	29.75"	95	17.3	CWM-R2920-MS
WR-483030	FRP	48" x 30"	48" x 30"	30"	45" x 27"	47.5" x 29.5"	29.75"	120	23	CWM-R1620-2k
WR-603030	FRP	60" x 30"	60" x 30"	30"	57" x 27"	59.5" x 29.5"	29.75"	150	28.8	CWM-R2020-2k
WR-723030	FRP	72" x 30"	72" x 30"	30"	69" x 27"	71.5" x 29.5"	29.75"	180	34.5	CWM-R1620-3k
WR-963030	FRP	96" x 30"	96" x 30"	30"	93" x 27"	95.5" x 29.5"	29.75"	235	46.1	CWM-R1620-4k
WR-1203030	FRP	120" x 30"	120" x 30"	30"	117" x 27"	119.5" x 29.5"	29.75"	290	57.6	CWM-R1620-5k
WCR-363030	GFRC	36" x 30"	36" x 30"	30"	31" x 25"	34.5" x 28.5"	29.25"	375	15.6	CWM-R2920-MS
WCR-483030	GFRC	48" x 30"	48" x 30"	30"	43" x 25"	46.5" x 28.5"	29.25"	455	21.2	CWM-R1620-2k
WCR-603030	GFRC	60" x 30"	60" x 30"	30"	55" x 25"	58.5" x 28.5"	29.25"	545	26.7	CWM-R2020-2k
WCR-723030	GFRC	72" x 30"	72" x 30"	30"	67" x 25"	70.5" x 28.5"	29.25"	630	32.2	CWM-R1620-3k
WCR-963030	GFRC	96" x 30"	96" x 30"	30"	91" x 25"	94.5" x 28.5"	29.25"	825	43.0	CWM-R2020-3k
WCR-1203030	GFRC	120" x 30"	120" x 30"	30"	115" x 25"	118.5" x 28.5"	29.25"	1000	54.0	CWM-R2020-4k
WR-363036	FRP	36" x 30"	36" x 30"	36"	33" x 27"	35.5" x 29.5"	35.75"	110	20.8	CWM-R2920-MS
WR-483036	FRP	48" x 30"	48" x 30"	36"	45" x 27"	47.5" x 29.5"	35.75"	145	27.8	CWM-R1620-2k
WR-603036	FRP	60" x 30"	60" x 30"	36"	57" x 27"	59.5" x 29.5"	35.75"	175	34.7	CWM-R2020-2k
WR-723036	FRP	72" x 30"	72" x 30"	36"	69" x 27"	71.5" x 29.5"	35.75"	210	41.7	CWM-R1620-3k
WR-963036	FRP	96" x 30"	96" x 30"	36"	93" x 27"	95.5" x 29.5"	35.75"	280	55.6	CWM-R1620-4k
WR-1203036	FRP	120" x 30"	120" x 30"	36"	117" x 27"	119.5" x 29.5"	35.75"	345	69.5	CWM-R1620-5k
WCR-363036	GFRC	36" x 30"	36" x 30"	36"	31" x 25"	34.5" x 28.5"	35.25"	430	19.0	CWM-R2920-MS
WCR-483036	GFRC	48" x 30"	48" x 30"	36"	43" x 25"	46.5" x 28.5"	35.25"	515	25.7	CWM-R1620-2k
WCR-603036	GFRC	60" x 30"	60" x 30"	36"	55" x 25"	58.5" x 28.5"	35.25"	625	32.3	CWM-R2020-2k
WCR-723036	GFRC	72" x 30"	72" x 30"	36"	67" x 25"	70.5" x 28.5"	35.25"	725	38.9	CWM-R1620-3k
WCR-963036	GFRC	96" x 30"	96" x 30"	36"	91" x 25"	94.5" x 28.5"	35.25"	920	52.3	CWM-R1620-4k
WCR-1203036	GFRC	120" x 30"	120" x 30"	36"	115" x 25"	118.5" x 28.5"	35.25"	1150	65.3	CWM-R1620-5k

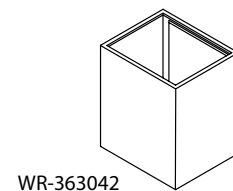
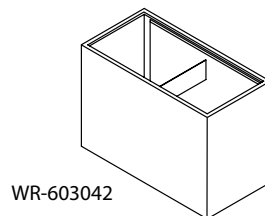
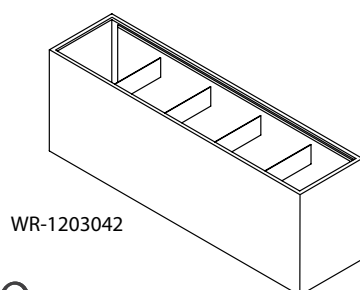


WR-483030



## Rectangles continued...

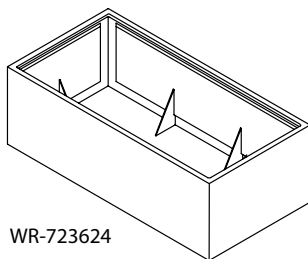
Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WR-363042	FRP	36" x 30"	36" x 30"	42"	33" x 27"	35.5" x 29.5"	41.75"	130	24.4	CWM-R2920-MS
WR-483042	FRP	48" x 30"	48" x 30"	42"	45" x 27"	47.5" x 29.5"	41.75"	170	32.5	CWM-R1620-2k
WR-603042	FRP	60" x 30"	60" x 30"	42"	57" x 27"	59.5" x 29.5"	41.75"	205	40.7	CWM-R2020-2k
WR-723042	FRP	72" x 30"	72" x 30"	42"	69" x 27"	71.5" x 29.5"	41.75"	245	48.8	CWM-R1620-3k
WR-963042	FRP	96" x 30"	96" x 30"	42"	93" x 27"	95.5" x 29.5"	41.75"	320	65.1	CWM-R1620-4k
WR-1203042	FRP	120" x 30"	120" x 30"	42"	117" x 27"	119.5" x 29.5"	41.75"	400	81.4	CWM-R1620-5k
WCR-363042	GFRC	36" x 30"	36" x 30"	42"	31" x 25"	34.5" x 28.5"	41.25"	475	22.4	CWM-R2920-MS
WCR-483042	GFRC	48" x 30"	48" x 30"	42"	43" x 25"	46.5" x 28.5"	41.25"	570	30.3	CWM-R1620-2k
WCR-603042	GFRC	60" x 30"	60" x 30"	42"	55" x 25"	58.5" x 28.5"	41.25"	690	38.1	CWM-R2020-2k
WCR-723042	GFRC	72" x 30"	72" x 30"	42"	67" x 25"	70.5" x 28.5"	41.25"	795	45.9	CWM-R1620-3k
WCR-963042	GFRC	96" x 30"	96" x 30"	42"	91" x 25"	94.5" x 28.5"	41.25"	1045	61.3	CWM-R1620-4k
WCR-1203042	GFRC	120" x 30"	120" x 30"	42"	115" x 25"	118.5" x 28.5"	41.25"	1255	77.0	CWM-R2020-4k
WR-363618	FRP	36" x 36"	36" x 36"	18"	31" x 31"	35.5" x 35.5"	17.75"	45	12.4	CWM-R1114-2k
WR-483618	FRP	48" x 36"	48" x 36"	18"	43" x 31"	47.5" x 35.5"	17.75"	55	16.6	CWM-R1614-2k
WR-603618	FRP	60" x 36"	60" x 36"	18"	55" x 31"	59.5" x 35.5"	17.75"	65	20.7	CWM-R2014-2k
WR-723618	FRP	72" x 36"	72" x 36"	18"	67" x 31"	71.5" x 35.5"	17.75"	75	24.9	CWM-R1614-3k
WR-963618	FRP	96" x 36"	96" x 36"	18"	91" x 31"	95.5" x 35.5"	17.75"	95	33.2	CWM-R1614-4k
WR-1203618	FRP	120" x 36"	120" x 36"	18"	115" x 31"	119.5" x 35.5"	17.75"	115	41.6	CWM-R1614-5k
WCR-363618	GFRC	36" x 36"	36" x 36"	18"	31" x 31"	34.5" x 34.5"	17.25"	260	11.2	CWM-R1109-2k
WCR-483618	GFRC	48" x 36"	48" x 36"	18"	43" x 31"	46.5" x 34.5"	17.25"	320	15.1	CWM-R1109-2k
WCR-603618	GFRC	60" x 36"	60" x 36"	18"	55" x 31"	58.5" x 34.5"	17.25"	380	19.1	CWM-R1109-3k
WCR-723618	GFRC	72" x 36"	72" x 36"	18"	67" x 31"	70.5" x 34.5"	17.25"	440	23.0	CWM-R1109-4k
WCR-963618	GFRC	96" x 36"	96" x 36"	18"	91" x 31"	94.5" x 34.5"	17.25"	585	30.6	CWM-R1109-5k
WCR-1203618	GFRC	120" x 36"	120" x 36"	18"	115" x 31"	118.5" x 34.5"	17.25"	710	38.5	CWM-R1109-5k



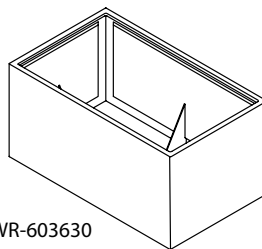


## Rectangles continued...

Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WR-363624	FRP	36" x 36"	36" x 36"	24"	31" x 31"	35.5" x 35.5"	23.75"	110	16.2	CWM-R1120-2k
WR-483624	FRP	48" x 36"	48" x 36"	24"	43" x 31"	47.5" x 35.5"	23.75"	135	21.7	CWM-R1620-2k
WR-603624	FRP	60" x 36"	60" x 36"	24"	55" x 31"	59.5" x 35.5"	23.75"	155	27.3	CWM-R2020-2k
WR-723624	FRP	72" x 36"	72" x 36"	24"	67" x 31"	71.5" x 35.5"	23.75"	180	32.8	CWM-R1620-3k
WR-963624	FRP	96" x 36"	96" x 36"	24"	91" x 31"	95.5" x 35.5"	23.75"	225	43.9	CWM-R1620-4k
WR-1203624	FRP	120" x 36"	120" x 36"	24"	115" x 31"	119.5" x 35.5"	23.75"	270	54.9	CWM-R1620-5k
WCR-363624	GFRC	36" x 36"	36" x 36"	24"	31" x 31"	34.5" x 34.5"	23.25"	335	15.1	CWM-R2914-MS
WCR-483624	GFRC	48" x 36"	48" x 36"	24"	43" x 31"	46.5" x 34.5"	23.25"	405	20.5	CWM-R1614-2k
WCR-603624	GFRC	60" x 36"	60" x 36"	24"	55" x 31"	58.5" x 34.5"	23.25"	480	25.8	CWM-R2014-2k
WCR-723624	GFRC	72" x 36"	72" x 36"	24"	67" x 31"	70.5" x 34.5"	23.25"	550	31.1	CWM-R1614-3k
WCR-963624	GFRC	96" x 36"	96" x 36"	24"	91" x 31"	94.5" x 34.5"	23.25"	725	41.6	CWM-R2014-3k
WCR-1203624	GFRC	120" x 36"	120" x 36"	24"	115" x 31"	118.5" x 34.5"	23.25"	880	52.2	CWM-R2014-4K1
WR-363630	FRP	36" x 36"	36" x 36"	30"	31" x 31"	35.5" x 35.5"	29.75"	140	20.4	CWM-R1120-2k
WR-483630	FRP	48" x 36"	48" x 36"	30"	43" x 31"	47.5" x 35.5"	29.75"	170	27.4	CWM-R1620-2k
WR-603630	FRP	60" x 36"	60" x 36"	30"	55" x 31"	59.5" x 35.5"	29.75"	195	34.4	CWM-R2020-2k
WR-723630	FRP	72" x 36"	72" x 36"	30"	67" x 31"	71.5" x 35.5"	29.75"	225	41.3	CWM-R1620-3k
WR-963630	FRP	96" x 36"	96" x 36"	30"	91" x 31"	95.5" x 35.5"	29.75"	280	55.3	CWM-R1620-4k
WR-1203630	FRP	120" x 36"	120" x 36"	30"	115" x 31"	119.5" x 35.5"	29.75"	335	69.2	CWM-R1620-5k
WCR-363630	GFRC	36" x 36"	36" x 36"	30"	31" x 31"	34.5" x 34.5"	29.25"	385	19.3	CWM-R2920-MS
WCR-483630	GFRC	48" x 36"	48" x 36"	30"	43" x 31"	46.5" x 34.5"	29.25"	460	26.1	CWM-R1620-2k
WCR-603630	GFRC	60" x 36"	60" x 36"	30"	55" x 31"	58.5" x 34.5"	29.25"	545	32.8	CWM-R2020-2k
WCR-723630	GFRC	72" x 36"	72" x 36"	30"	67" x 31"	70.5" x 34.5"	29.25"	625	39.5	CWM-R1620-3k
WCR-963630	GFRC	96" x 36"	96" x 36"	30"	91" x 31"	94.5" x 34.5"	29.25"	820	52.9	CWM-R2020-3k
WCR-1203630	GFRC	120" x 36"	120" x 36"	30"	115" x 31"	118.5" x 34.5"	29.25"	990	66.3	CWM-R2020-4k



WR-723624

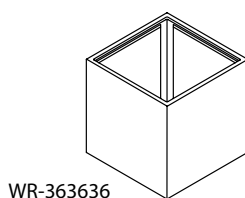
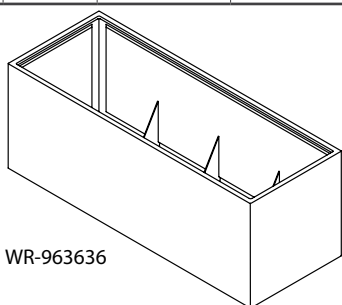


WR-603630



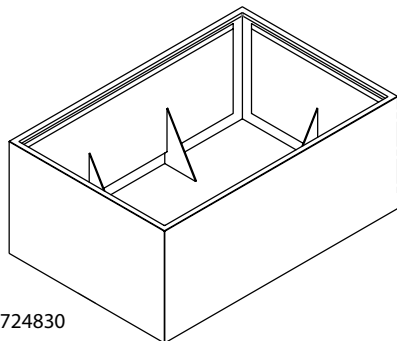
## Rectangles continued...

Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WR-363636	FRP	36" x 36"	36" x 36"	36"	31" x 31"	35.5" x 35.5"	35.75"	170	24.6	CWM-R1120-2k
WR-483636	FRP	48" x 36"	48" x 36"	36"	43" x 31"	47.5" x 35.5"	35.75"	195	33.0	CWM-R1620-2k
WR-603636	FRP	60" x 36"	60" x 36"	36"	55" x 31"	59.5" x 35.5"	35.75"	235	41.4	CWM-R2020-2k
WR-723636	FRP	72" x 36"	72" x 36"	36"	67" x 31"	71.5" x 35.5"	35.75"	270	49.8	CWM-R1620-3k
WR-963636	FRP	96" x 36"	96" x 36"	36"	91" x 31"	95.5" x 35.5"	35.75"	340	66.6	CWM-R1620-4k
WR-1203636	FRP	120" x 36"	120" x 36"	36"	115" x 31"	119.5" x 35.5"	35.75"	405	83.5	CWM-R1620-5k
WCR-363636	GFRC	36" x 36"	36" x 36"	36"	31" x 31"	34.5" x 34.5"	35.25"	485	23.0	CWM-R2920-MS
WCR-483636	GFRC	48" x 36"	48" x 36"	36"	43" x 31"	46.5" x 34.5"	35.25"	575	31.2	CWM-R1620-2k
WCR-603636	GFRC	60" x 36"	60" x 36"	36"	55" x 31"	58.5" x 34.5"	35.25"	690	39.2	CWM-R2020-2k
WCR-723636	GFRC	72" x 36"	72" x 36"	36"	67" x 31"	70.5" x 34.5"	35.25"	795	47.3	CWM-R1620-3k
WCR-963636	GFRC	96" x 36"	96" x 36"	36"	91" x 31"	94.5" x 34.5"	35.25"	995	63.5	CWM-R1620-4k
WCR-1203636	GFRC	120" x 36"	120" x 36"	36"	115" x 31"	118.5" x 34.5"	35.25"	1235	79.5	CWM-R2020-4k
WR-363642	FRP	36" x 36"	36" x 36"	42"	31" x 31"	35.5" x 35.5"	41.75"	200	28.8	CWM-R1120-2k
WR-483642	FRP	48" x 36"	48" x 36"	42"	43" x 31"	47.5" x 35.5"	41.75"	235	38.6	CWM-R1620-2k
WR-603642	FRP	60" x 36"	60" x 36"	42"	55" x 31"	59.5" x 35.5"	41.75"	275	48.5	CWM-R2020-2k
WR-723642	FRP	72" x 36"	72" x 36"	42"	67" x 31"	71.5" x 35.5"	41.75"	315	58.3	CWM-R1620-3k
WR-963642	FRP	96" x 36"	96" x 36"	42"	91" x 31"	95.5" x 35.5"	41.75"	395	78.0	CWM-R1620-4k
WR-1203642	FRP	120" x 36"	120" x 36"	42"	115" x 31"	119.5" x 35.5"	41.75"	475	97.7	CWM-R1620-5k
WCR-363642	GFRC	36" x 36"	36" x 36"	42"	31" x 31"	34.5" x 34.5"	41.25"	530	27.1	CWM-R2920-MS
WCR-483642	GFRC	48" x 36"	48" x 36"	42"	43" x 31"	46.5" x 34.5"	41.25"	630	36.8	CWM-R1620-2k
WCR-603642	GFRC	60" x 36"	60" x 36"	42"	55" x 31"	58.5" x 34.5"	41.25"	755	46.2	CWM-R2020-2k
WCR-723642	GFRC	72" x 36"	72" x 36"	42"	67" x 31"	70.5" x 34.5"	41.25"	870	55.7	CWM-R1620-3k
WCR-963642	GFRC	96" x 36"	96" x 36"	42"	91" x 31"	94.5" x 34.5"	41.25"	1115	74.6	CWM-R1620-4k
WCR-1203642	GFRC	120" x 36"	120" x 36"	42"	115" x 31"	118.5" x 34.5"	41.25"	1345	93.6	CWM-R2020-4k



## Rectangles continued...

Part. No.	Material	Exterior (top)	(bottom)	(ht)	Interior (top)	( bottom)	(ht)	Weight (lbs.)	Soil Volume (cubic ft.)	Matching Irrigation
WR-484818	FRP	48" x 48"	48" x 48"	18"	43" x 43"	47.5" x 47.5"	17.75"	65	22.1	CWM-R1614-2k
WR-604818	FRP	60" x 48"	60" x 48"	18"	55" x 43"	59.5" x 47.5"	17.75"	75	27.7	CWM-R2014-2k
WR-724818	FRP	72" x 48"	72" x 48"	18"	67" x 43"	71.5" x 47.5"	17.75"	90	33.3	CWM-R1614-3k
WR-964818	FRP	96" x 48"	96" x 48"	18"	91" x 43"	95.5" x 47.5"	17.75"	110	44.4	CWM-R1614-4k
WCR-484818	GFRC	48" x 48"	48" x 48"	18"	43" x 43"	46.5" x 46.5"	17.25"	400	18.7	CWM-R1614-2k
WCR-604818	GFRC	60" x 48"	60" x 48"	18"	55" x 43"	58.5" x 46.5"	17.25"	470	23.5	CWM-R2014-2k
WCR-724818	GFRC	72" x 48"	72" x 48"	18"	67" x 43"	70.5" x 46.5"	17.25"	540	28.3	CWM-R1614-3k
WCR-964818	GFRC	96" x 48"	96" x 48"	18"	91" x 43"	94.5" x 46.5"	17.25"	710	37.6	CWM-R2014-3k
WR-484824	FRP	48" x 48"	48" x 48"	24"	43" x 43"	47.5" x 47.5"	23.75"	185	28.9	CWM-R1614-2k
WR-604824	FRP	60" x 48"	60" x 48"	24"	55" x 43"	59.5" x 47.5"	23.75"	215	36.3	CWM-R2014-2k
WR-724824	FRP	72" x 48"	72" x 48"	24"	67" x 43"	71.5" x 47.5"	23.75"	240	43.6	CWM-R1614-3k
WR-964824	FRP	96" x 48"	96" x 48"	24"	91" x 43"	95.5" x 47.5"	23.75"	300	58.4	CWM-R1614-4k
WCR-484824	GFRC	48" x 48"	48" x 48"	24"	43" x 43"	46.5" x 46.5"	23.25"	495	25.7	CWM-R1614-2k
WCR-604824	GFRC	60" x 48"	60" x 48"	24"	55" x 43"	58.5" x 46.5"	23.25"	780	32.4	CWM-R2014-2k
WCR-724824	GFRC	72" x 48"	72" x 48"	24"	67" x 43"	70.5" x 46.5"	23.25"	995	39.1	CWM-R2914-2k
WCR-964824	GFRC	96" x 48"	96" x 48"	24"	91" x 43"	94.5" x 46.5"	23.25"	865	52.1	CWM-R2014-3k
WR-484830	FRP	48" x 48"	48" x 48"	30"	43" x 43"	47.5" x 47.5"	29.75"	235	36.3	CWM-R1620-2k
WR-604830	FRP	60" x 48"	60" x 48"	30"	55" x 43"	59.5" x 47.5"	29.75"	270	45.7	CWM-R2020-2k
WR-724830	FRP	72" x 48"	72" x 48"	30"	67" x 43"	71.5" x 47.5"	29.75"	305	55.0	CWM-R1620-3k
WR-964830	FRP	96" x 48"	96" x 48"	30"	91" x 43"	95.5" x 47.5"	29.75"	375	73.6	CWM-R1620-4k
WCR-484830	GFRC	48" x 48"	48" x 48"	30"	43" x 43"	46.5" x 46.5"	29.25"	560	33.2	CWM-R1620-2k
WCR-604830	GFRC	60" x 48"	60" x 48"	30"	55" x 43"	58.5" x 46.5"	29.25"	655	41.8	CWM-R2020-2k
WCR-724830	GFRC	72" x 48"	72" x 48"	30"	67" x 43"	70.5" x 46.5"	29.25"	750	50.5	CWM-R1620-3k
WCR-964830	GFRC	96" x 48"	96" x 48"	30"	91" x 43"	94.5" x 46.5"	29.25"	960	67.3	CWM-R2020-3k
WR-484836	FRP	48" x 48"	48" x 48"	36"	43" x 43"	47.5" x 47.5"	35.75"	295	43.7	CWM-R1620-2k
WR-604836	FRP	60" x 48"	60" x 48"	36"	55" x 43"	59.5" x 47.5"	35.75"	335	54.9	CWM-R2020-2k
WR-724836	FRP	72" x 48"	72" x 48"	36"	67" x 43"	71.5" x 47.5"	35.75"	385	66.1	CWM-R1620-3k
WR-964836	FRP	96" x 48"	96" x 48"	36"	91" x 43"	95.5" x 47.5"	35.75"	475	88.5	CWM-R1620-4k
WCR-484836	GFRC	48" x 48"	48" x 48"	36"	43" x 43"	46.5" x 46.5"	35.25"	790	39.4	CWM-R1620-2k
WCR-604836	GFRC	60" x 48"	60" x 48"	36"	55" x 43"	58.5" x 46.5"	35.25"	930	49.5	CWM-R2020-2k
WCR-724836	GFRC	72" x 48"	72" x 48"	36"	67" x 43"	70.5" x 46.5"	35.25"	1060	59.8	CWM-R2920-2k
WCR-964836	GFRC	96" x 48"	96" x 48"	36"	91" x 43"	94.5" x 46.5"	35.25"	1320	80.5	CWM-R2020-4k
WR-484842	FRP	48" x 48"	48" x 48"	42"	43" x 43"	47.5" x 47.5"	35.75"	345	51.1	CWM-R1620-2k
WR-604842	FRP	60" x 48"	60" x 48"	42"	55" x 43"	59.5" x 47.5"	35.75"	400	64.3	CWM-R2020-2k
WR-724842	FRP	72" x 48"	72" x 48"	42"	67" x 43"	71.5" x 47.5"	35.75"	450	77.4	CWM-R1620-3k
WR-964842	FRP	96" x 48"	96" x 48"	42"	91" x 43"	95.5" x 47.5"	35.75"	555	103.7	CWM-R1620-4k
WCR-484842	GFRC	48" x 48"	48" x 48"	42"	43" x 43"	46.5" x 46.5"	35.25"	870	46.8	CWM-R1620-2k
WCR-604842	GFRC	60" x 48"	60" x 48"	42"	55" x 43"	58.5" x 46.5"	35.25"	1035	58.7	CWM-R2020-2k
WCR-724842	GFRC	72" x 48"	72" x 48"	42"	67" x 43"	70.5" x 46.5"	35.25"	1165	71.0	CWM-R2920-2k
WCR-964842	GFRC	96" x 48"	96" x 48"	42"	91" x 43"	94.5" x 46.5"	35.25"	1480	95.0	CWM-R2020-4k



WR-724830



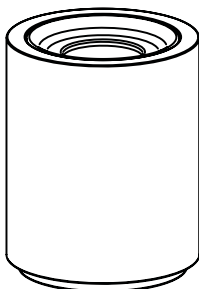
### Wilshire Collection Trash and Ash Bins & Recyclers (For more options, see the Trash and Ash Bins & Recyclers detail sheet)

Part. No.	Material	Shape	Description
WR Trash Base	FRP	Square	22"Sq x 34.5"H, FRP Trash Base unit w/LLDPE Liner
WCR Trash Base	GFRC	Square	22"Sq x 34.5"H, GFRC Trash Base unit w/LLDPE Liner
WS Trash Base	FRP	Round	24"dia x 30"H, FRP Trash Base unit w/LLDPE Liner
WCS Trash Base	GFRC	Round	24"dia x 30"H, GFRC Trash Base unit w/LLDPE Liner

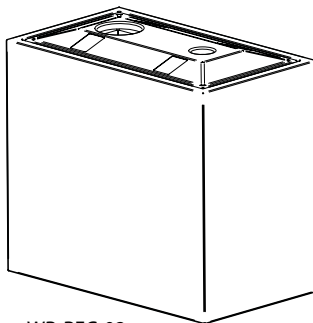
Lid Options Suffix	Material	Shape	Description
-AFF	FRP	Square	FRP ash-trash lid with steel ash insert, for square trash bases only
-TFF	FRP	Square	FRP trash lid, for square trash bases only
-TRS	Aluminum	Round	Aluminum anodized trash lid, 9" opening for round trash bases only
-ATR	Aluminum	Round	Aluminum anodized ash-trash lid, 9" trash opening with 2.5" concentric ash ring for round or square trash bases
-TFR	FRP	Round	FRP ash-trash lid, color to match container, 9" trash opening for round trash bases only
-AFR	FRP	Round	FRP ash-trash lid with steel ash insert for round trash bases only

### Recycling Systems

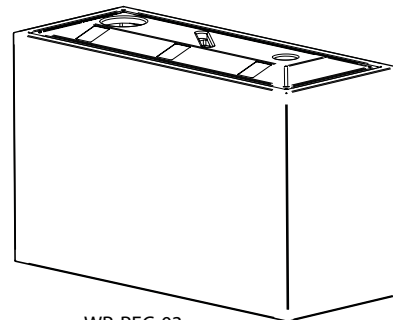
Part. No.	Material	Shape	Description
WR-REC-01	FRP	Square	22"L x 22"W x 33"H, FRP Recycler with 1-Stream Lid
WR-REC-02	FRP	Rectangle	38"L x 22"W x 33"H, FRP Recycler with 2-Stream Lid
WR-REC-03	FRP	Rectangle	54"L x 22"W x 33"H, FRP Recycler with 3-Stream Lid



WS-TRS

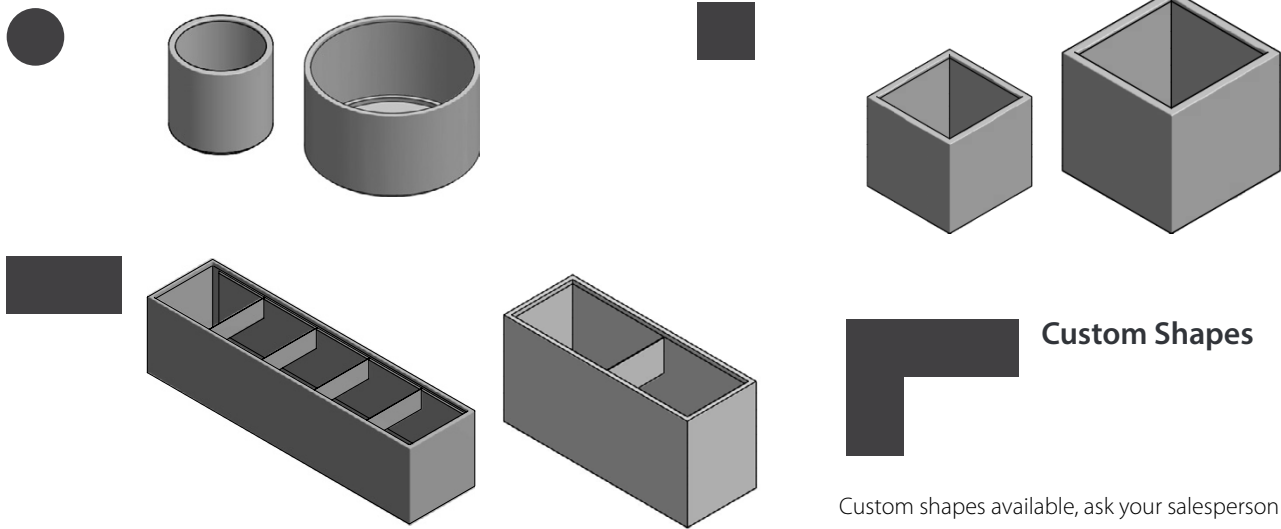


WR-REC-02



WR-REC-03

## Wilshire Collection Shapes



### Custom Shapes

Custom shapes available, ask your salesperson for details.

## Wilshire FRP and GFRC Planter Options

There are as many different planter applications as there are architects to design them. At Tournesol Siteworks, we have a series of standard modifications and adjustments to create what you need.

### Cast-in Accessory Pockets

Tournesol Siteworks can customize a standard planter with pockets to hold lighting, audio, electrical, or junction boxes. We can cast in sliding or swinging doors, creating hidden spaces for irrigation controls or storage access.



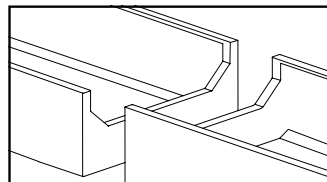
Cast-in Accessory Pocket. Insert light housing.

Finished product.



### Scoop

Scoop is a feature added to Wilshire Collection planters that allows multiple individual modular units to appear to form a continuous planting area. Adjacent planter walls are lowered and may be sealed in the field with the recommended Scoop Connection Kit, which allows for a continuous layer of soil and planting above.

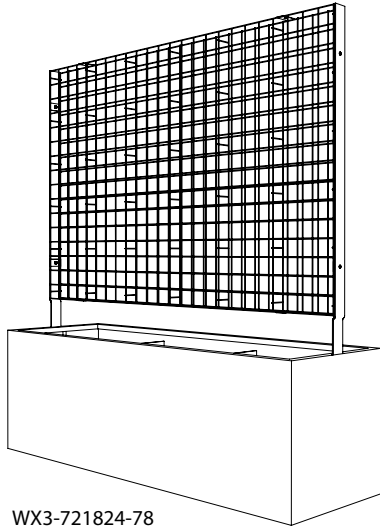


### Drain Hole Option

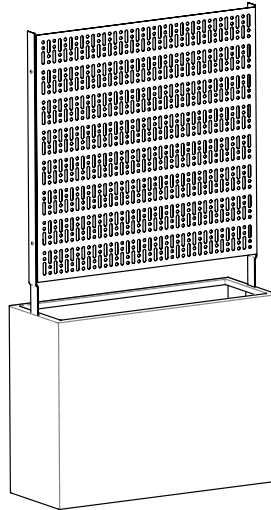
All of our pots & planters are designed to be used with drain holes to ensure long-term plant health. Typically, our FRP pots are delivered without drain holes to allow the contractor to field verify the correct location prior to drilling. Tournesol Siteworks is pleased to pre-drill drain holes in either GFRC lightweight concrete or FRP fiberglass pots when requested by the customer. Standard drain holes are 1-5/8" diameter. Standard drain hole configurations are done free-of-charge at the factory. For unique configuration hole sizes or quantities, please speak with your salesperson.

## Wilshire Collection - Complementary Planters

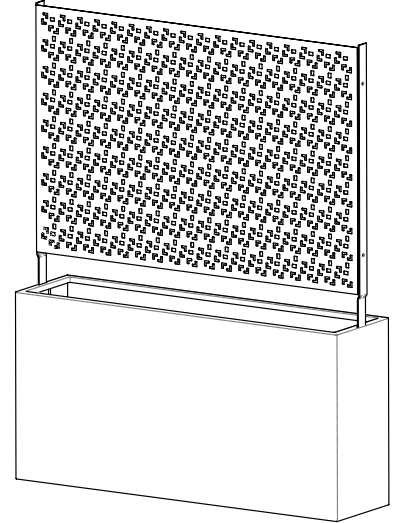
The versatile Wilshire Collection has several complementary products. The **Wilshire Screen** combines a rectangular planter and VertiGreen trellis to create attractive, easy-to-install solutions for screening off unsightly views. Use our laser cut metal panels to create a wind screen or privacy panel. Available in FRP and lightweight GFRC, with a range of sizes, colors, and screen sizes. See the Wilshire Screen detail sheet for more information.



WX3-721824-78



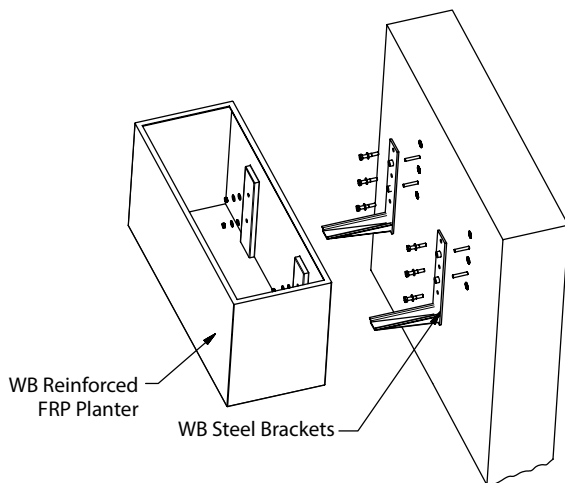
WX-481836-90C  
With WXS-4848 Pattern #6



WXP-721836-90C  
With WXS 7248 Pattern #7

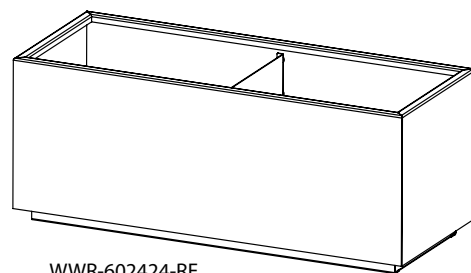
## Wilshire Box Hanging Planters

A complete commercial-quality hanging planter system with a lightweight fiberglass box, pre-engineered brackets and easy-to-use mounting template. This hanging planter is available in 3 size ranges up to 120"L. The simple styling works with most building types, and highlights the plants rather than the planter. Can be used with the VertiGreen® 3D trellis or any other plant support. See the Wilshire Box detail sheet for more information.



## Wilshire Steel Collection

The natural richness of non-corroding weathering steel is now available with the quality, range of standards and custom sizes that you come to rely on from Tournesol Siteworks. See the Wilshire Weathering steel detail sheet for more information. Also available in Powder-coated mild steel.

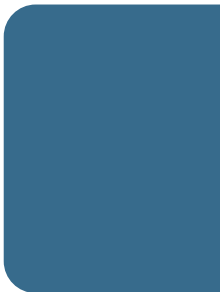
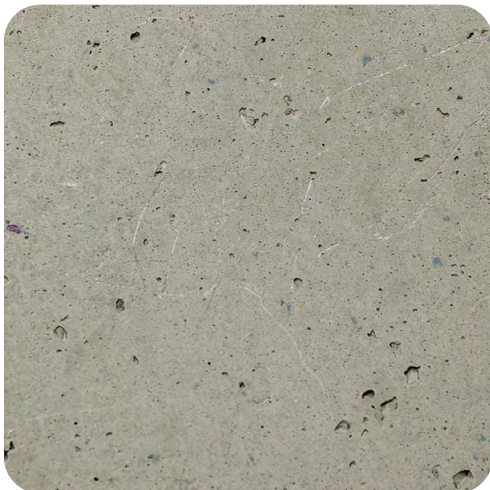


WWR-602424-RE

Are you finding everything you need? If not, let us know - give us a call at 800-542-2282.



# Materials And Finishes

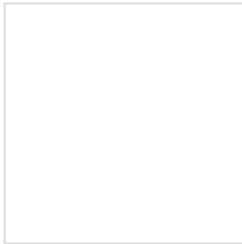


# FRP Fiberglass

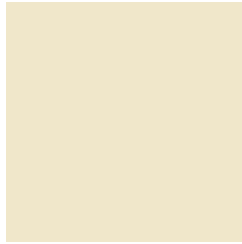
One reason our customers love FRP fiberglass is for the range of fantastic finishes that can be achieved on a lightweight pot. Combine a color with the right texture to find the perfect look and durability for your project. Our Smooth texture fiberglass products come in a satin finish.

## Standard Colors

Our standard colors are applied acrylic enamel paints. Print and digital colors may vary slightly, please order a sample for actual color match so you know what you are getting. We can also match nearly any color – ask your salesperson for details.



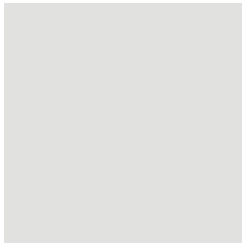
White



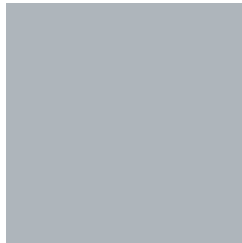
Reed



Pitch



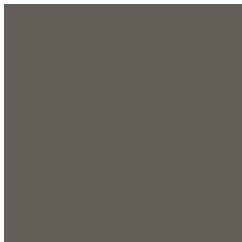
Smoke



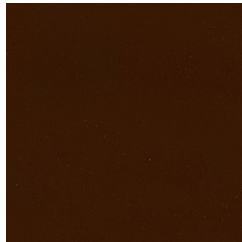
Shark



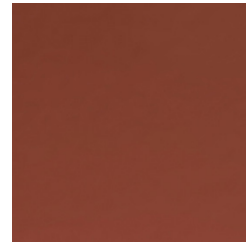
Shadow



Puddle



Chocolate



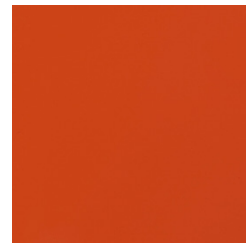
Terra Cotta



Sage



Citron



Tomato



Basil



Caribbean



Royalty

**Note:** Actual color should be based upon painted samples provided by Tournesol. Do not rely on the colors printed in this catalog, on our website, or online.

# FRP Fiberglass

One reason our customers love FRP fiberglass is for the range of fantastic finishes that can be achieved on a lightweight pot. Combine a color with the right texture to find the perfect look and durability for your project. Our Smooth texture fiberglass products come in a satin finish.

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## Designer Colors

Designer FRP colors are metallic paint finishes that mimic the look of real metals.



Silver



Bronze



Iron

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## Textures

FRP fiberglass pots can be ordered in any of these three standard finishes. Conventional Smooth, Rough Stucco and Orange Peel are applied to the FRP then painted. Our Smooth texture fiberglass products come in a satin finish. Both Smooth and Rough Stucco enhance the durability of the finish and resist scratching. All finishes are available in any color.



Smooth



Rough Stucco



Orange Peel

# GFRC Lightweight Concrete

## Standard Colors

Our GFRC concrete begins as white cement with colored pigment and sand is used as a surface coat, and from there the natural materials take over. Because we're using quartz and mica sands, there is always a natural tone to any GFRC color. Sample texture and color combinations are available upon request. Colors shown are in Acid Etch texture.



Charcoal



Pearl



Clay



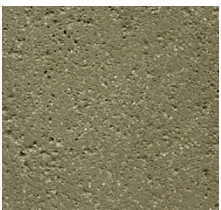
Sandbox



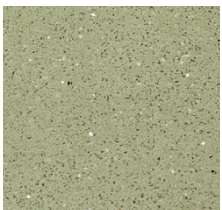
Mist



Rain



Moss



Celery



Shark



Shadow



Carob

## Textures

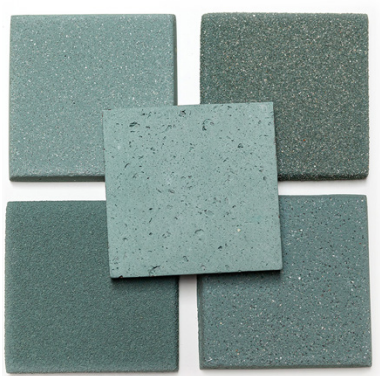
Versatile GFRC lightweight concrete textures range from the rustic to the refined. Our finishes feature natural quartz and mica sands, and the durable finishes can be refinished and repaired on site as required. The Travertine, Sandblast, and Acid Etch finishes are variations on natural concrete finishes, while Natural Sand and Fine Grain rely on applied paints and texture, similar to FRP finishes. We send out a color/texture sample as a submittal with every order confirmation to make sure that you are getting what you expect.

All finishes are shown below in Shark, but are available in any GFRC color. Note: Travertine is a hand-packed finish and will have a high degree of variability in the end finish.

Note: GFRC colors can vary based on texture selected.



Clay shown in all 5 textures



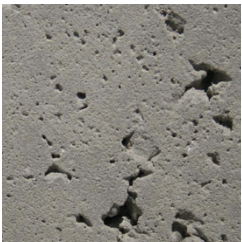
Rain shown in all 5 textures



Acid Etch



Sandblast



Travertine



Fine Grain



Natural Sand

**Note:** Actual color should be based upon painted samples provided by Tournesol. Do not rely on the colors printed in this catalog, on our website, or online. Premium custom GFRC finish colors provided by Buddy Rhodes.

# Powder-Coat Finishes

## Standard Colors

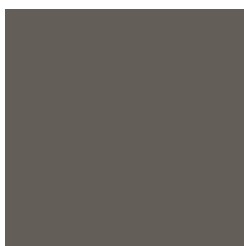
Our Powder-Coated finishes are available in standard colors. Steel, aluminum, and other products made of metal are typically powder-coated. All metal products go through white blast cleaning before coating, then a zinc-rich primer is applied (for superior resistance to weathering and rust), then the metal is coated with a high-quality polyester powder-coat. Brackets (VTG, WB, WX) and VertiGreen 3D trellis, unless otherwise specified, are delivered in Pitch, Semi-Gloss. Custom and RAL match colors are also available - minimum order required – ask your salesperson for details.



White - RAL 9016



Wheat - RAL 1013



Puddle - RAL 7022



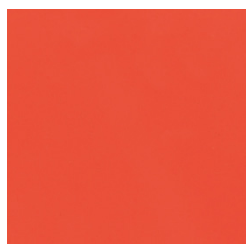
Shark - RAL 7038



Shadow - RAL 7012



Sunflower - RAL 1005



Coral - RAL 2012



Chili - RAL 3013



Chocolate - RAL 8016



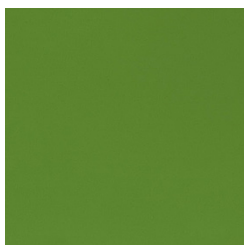
Eggplant - RAL 4007



Forest - RAL 6009



Pine - RAL 6005



Fern - RAL 6025



Pistachio - RAL 6019



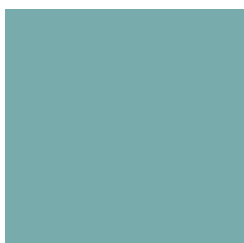
Aegean - RAL 5020



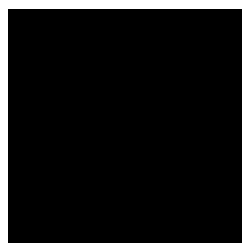
Sapphire - RAL 5003



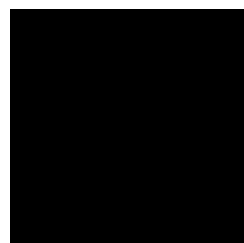
Brilliant Blue - RAL 5007



Teal - RAL 6034



Pitch - Semi-Gloss - T002-BK08 CARDINAL



Pitch - Gloss - T009-BK12 CARDINAL

## Metallics and Special Finishes



Silver - 049/90500 SILVER MATTE



Champagne - 049/91558 TWINKLE



Cedar Bronze  
LOW LIGHTS BRONZE - 49/61120



Rust Texture - BR47 CARDINAL

# Wood Varieties

---

Tournesol Siteworks uses vertical grain Douglas Fir, Western Red Cedar, Boulevard® Thermally-Modified Wood, and Ipe, for our site furnishing products. Ipe is a dense exotic hardwood that is naturally resistant to rot and decay. Woods used in site furnishings products will be treated with Penofin® oil to prolong the finish life. To maintain the initial color and prevent natural silver patina, retreatment with Penofin is required every 12-24 months. Other wood varieties are available on request.

## Boulevard® Thermally-Modified Wood

Tournesol's Boulevard wood starts with domestic hardwoods (typically ash) which is heated at high temperatures (up to 375°F) in a special kiln. This natural process changes the chemical make-up of the wood, creating a gorgeous dark-colored lumber with exceptional rot, pest, and decay resistance. Technically, it shares a 25-year preserved-wood-like durability level like South American hardwoods. The cell structure of the wood changes during the process, helping to reduce moisture absorption and making Boulevard more resistant than other hardwoods to warp, twist, and other movement.

Thermally-modified wood, during treatment, turns to a deep, rich brown color. When left untreated, UV light will accelerate the natural patina process. Dark wood can start to silver within 2-3 months. This natural process will not affect the physical characteristics of the wood. Boulevard wood owes its resistance to bending, warping, twisting, and checking to the stabilized moisture content. It absorbs less water than most other untreated woods. To ensure the longest life of the wood, Tournesol Siteworks recommends treating the wood initially with a high-quality, clear wood preservative (with 99% UV protection).

Boulevard planters and site furnishings, are treated with Penofin® oil before delivery. The wood will be a deep brown in color. On the jobsite, the treated surfaces may collect construction dust, which can be removed by wiping down the surface with a rag. As the oil evaporates (approximately 12 months), the wood will lighten and gradually begin the patina process. Retreatment will keep the wood dark, if desired.

## Woods



**Boulevard Thermally-Modified Wood**



**Ipe**



**Douglas Fir**



**Western Red Cedar**

# Recycled Plastic

---

Recycled plastic offers an environmentally-friendly alternative to wood. It is practically maintenance free and will sustain its color and appearance for years. Our recycled plastic is made from purified high-density polyethylene, such as milk containers, and includes UV inhibitors to reduce fading. It will not rot, warp, splinter or crack. Standard colors are cedar, gray, dark brown and weathered wood.

## Recycled Plastic



**Recycled Plastic Lumber - Cedar**



**Recycled Plastic Lumber - Dark Brown**



**Recycled Plastic Lumber - Gray**



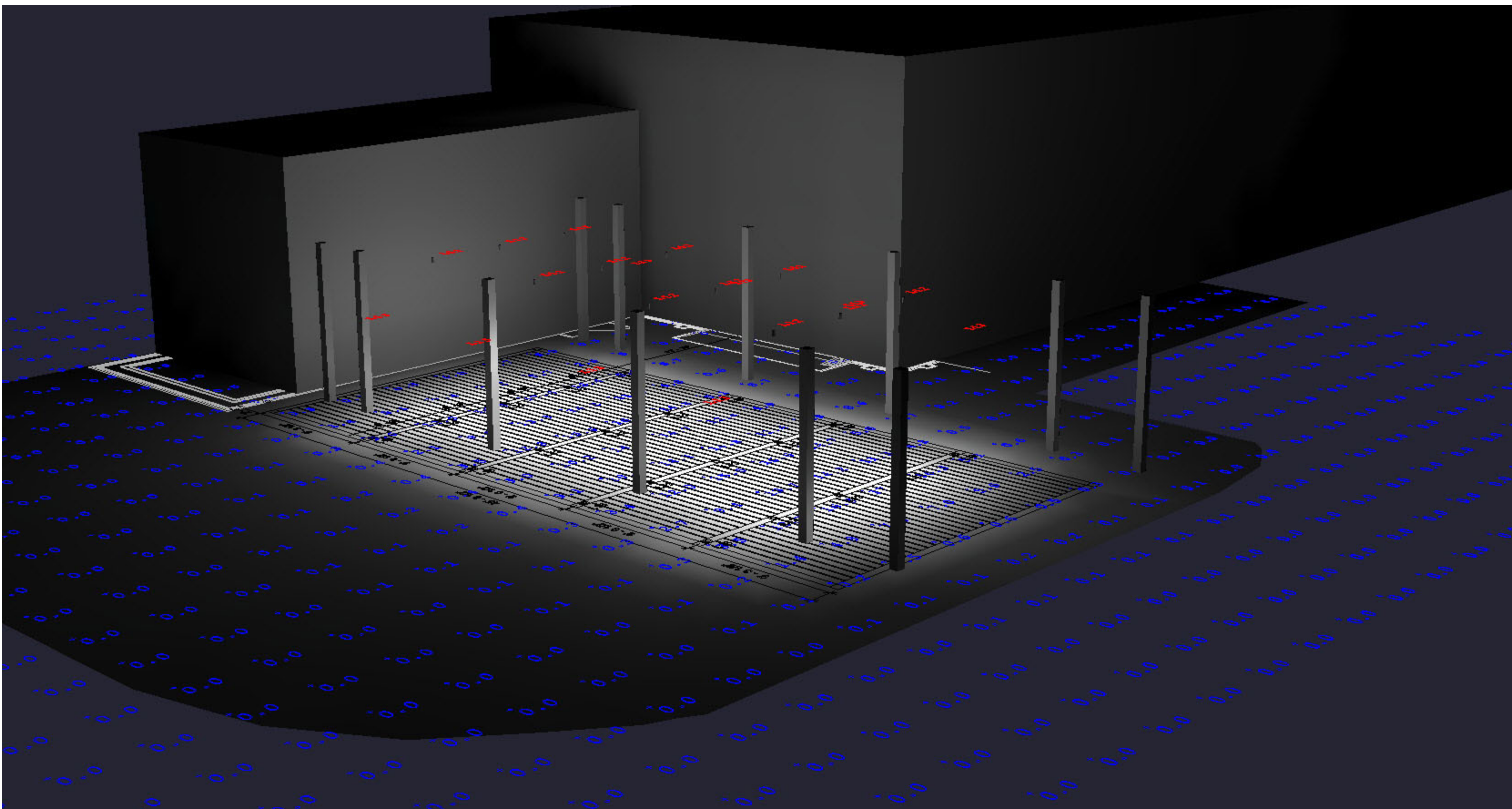
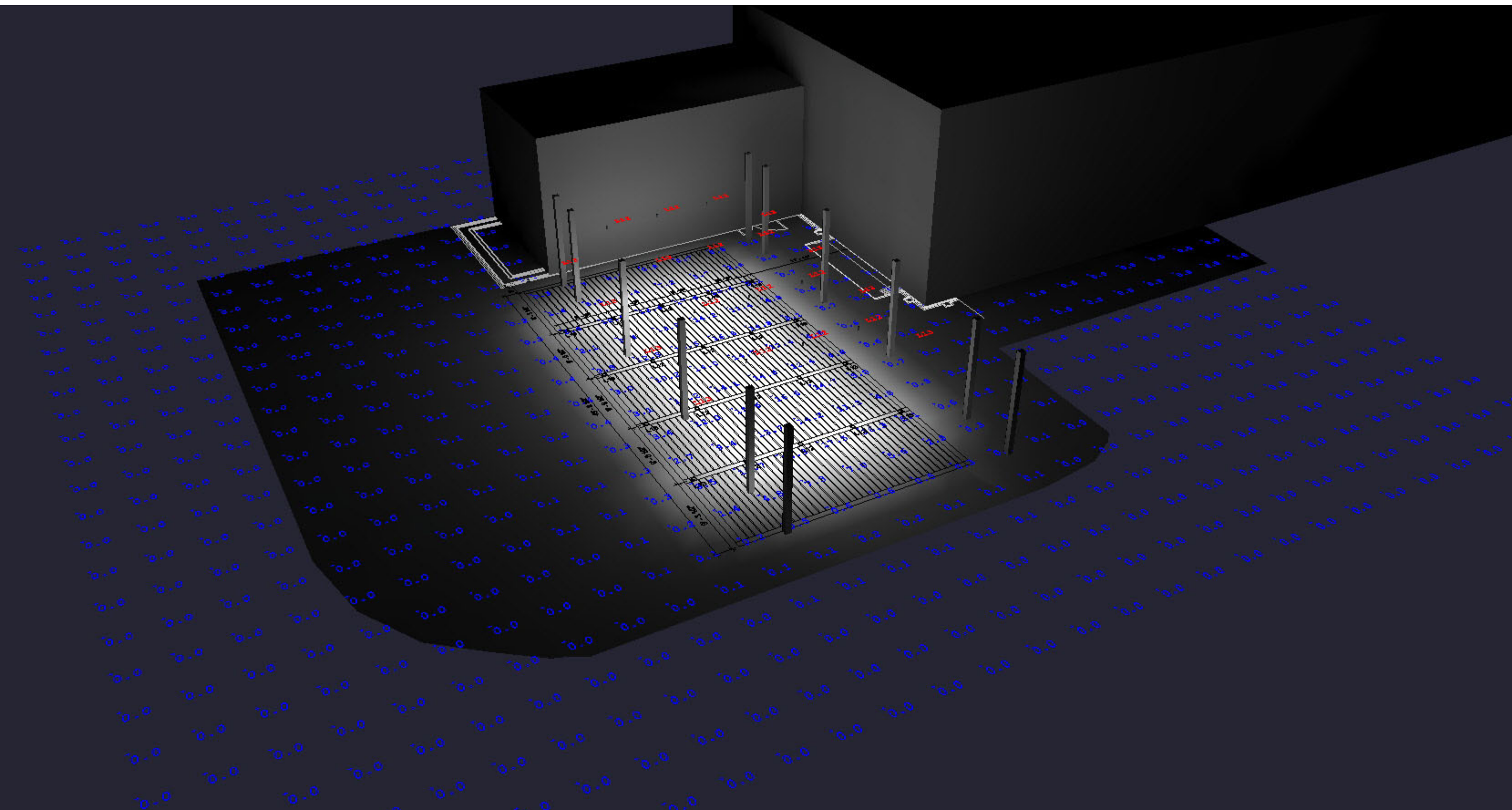
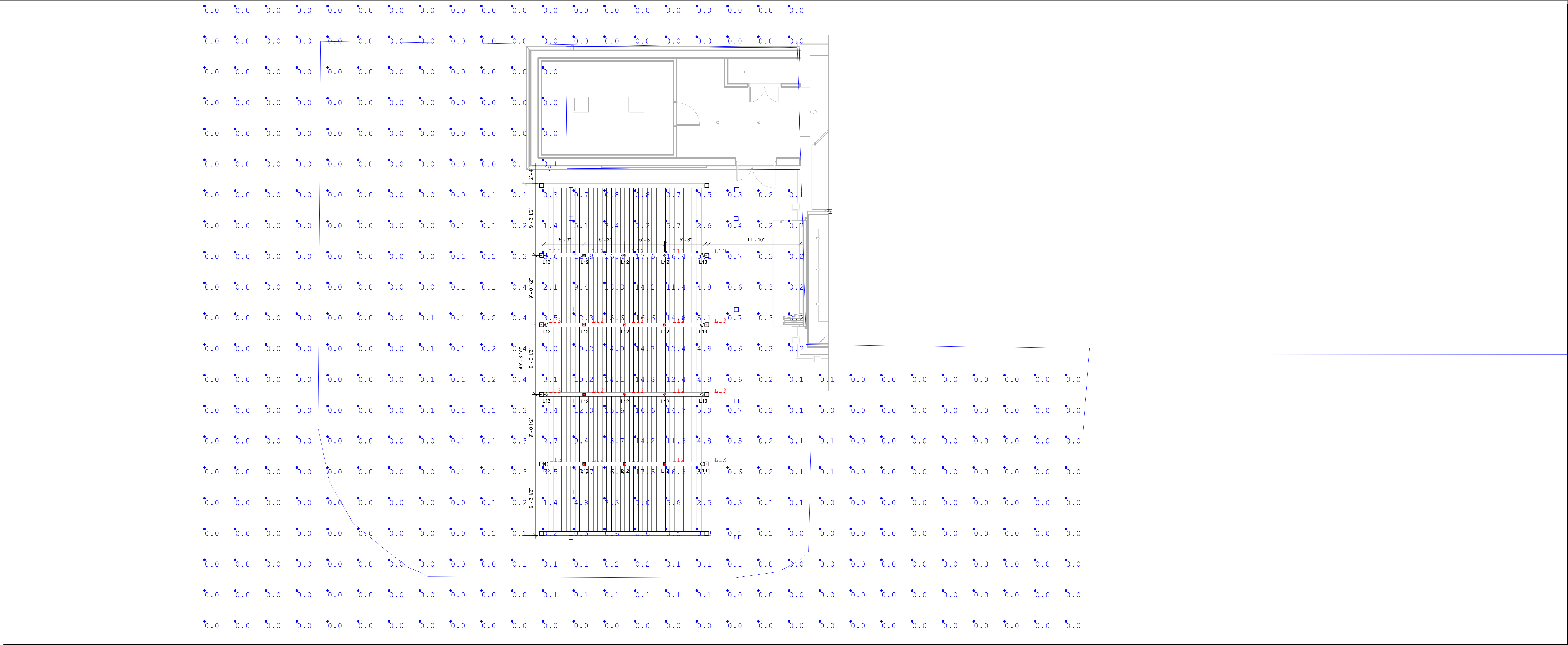
**Recycled Plastic Lumber - Weathered Wood**

# Other Metals

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Weathering Steel (ASTM A606) planters or otherwise will be delivered in a mill-scale finish and will rust when exposed to natural elements. Bollard receivers, receiver covers and lockwell covers are hot dip galvanized after fabrication. Stainless steel products, unless otherwise specified, are stainless steel 304 and delivered in a #4 brushed finish. Cast end frames will be ductile cast iron.

**Note:** Actual color should be based upon painted samples provided by Tournesol. Do not rely on the colors printed in this catalog, on our website, or online.



Luminaire Schedule				
Symbol	Qty	LLF	Description	Type
⊕	12	0.950	SQ510-L1L10-R40	L12
➤	8	0.950	700WSBOW4W-LED830	L13

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	
Site	Illuminance	Fc	1.01	17.6	0.0	N.A.	N.A.	

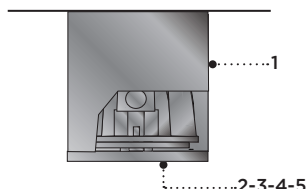
**\*\*This document contains confidential and proprietary information of KSA Lighting & Controls. This document may only be used by or for the benefit of KSA Lighting & Controls representatives and customers. This lighting layout is not a professional engineering drawing and is provided for informational purposes only, without warranty as to accuracy, completeness, reliability or otherwise. KSA Lighting & Controls is not responsible for specifying the light fixtures or illumination requirements for any specific project, nor is it responsible for meeting municipal or building code requirements. It is the obligation of the end-user to consult with a professional engineering advisor to determine whether this lighting layout meets the applicable project requirements for lighting system performance, safety, suitability and effectiveness for use in a particular application. Field verification is recommended when calculations are based on end-user or customer-provided information. End-user environment and application (including, but not limited to, voltage variation and dirt accumulation) can cause actual field performance to differ from the calculated photometric performance represented in this lighting layout. In no event will KSA Lighting & Controls be responsible for any loss resulting from any use of this drawing.**

- Notes :
- 1. Calculation Work Plane :Ground Level
  - 2. Fixture Mounting Height : Tech Sconce (7'6") String Lights (9'6")
  - 3. Calculation Point Spacing : 4' x 4'

TYPE: \_\_\_\_\_ QUANTITY: \_\_\_\_\_ PROJECT: \_\_\_\_\_

CATALOG NUMBER:

FIXTURE SUFFIX REFLECTOR VOLTAGE FINISH OPTION OPTION OPTION



- 1- Extruded aluminum housing.
- 2- Fully sealed cast aluminum down light assembly.
- 3- Sealed cast aluminum lens frame.
- 4- Clear tempered glass lens.
- 5- Faceted specular aluminum reflector.

All stainless steel hardware.

SQ510



### MATERIALS

**Syrios Square LED** is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.

The main housing is made of seamless extruded aluminum, with an integrally sealed LED light module designed for optimal heat dissipation, and lighting performance.

**Syrios Square LED** SQ510 series is standard with 29° optic. See options section for alternate selection.

### ELECTRICAL

**DRIVER** Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -30°C/-22°F to 55°C/131°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.

**LED** Standard 4000K/80CRI. Optional 2700K, 3000K & 3500K. Optional Amber LED for turtle sensitive areas. Wavelengths: 584.5nm to 597nm.

### LIFE

>55,000hrs  $L_{70}B_{50}$  (based on IESNA TM-21 Test Method and LM-80 data).  
Up to 95,000hrs  $L_{70}B_{50}$  (calculated projection from LM-80 data).

### FINISH

Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

### MOUNTING

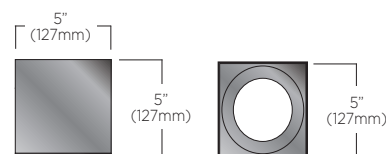
Maximum weight: 2.6 lbs (1.2 kg)

The mounting plate is designed to fit on a 4" (102mm) octagonal electrical box using 3 1/2" (89mm) C/C mounting holes.

Fixture must be installed on a finished ceiling for exterior applications and/or exposed to inclement weather.

### CERTIFICATION


Tested to UL1598 and CSA 22.2 #250. ETL listed wet location. Rated IP66.



# SQ510 SERIES

## SYRIOS SQUARE - LED

### LUMINAIRE SELECTION

<b>1 MODEL#</b>  <input type="checkbox"/> SQ510	<b>2 LED LIGHT SELECTION</b> <table border="0"> <thead> <tr> <th>SUFFIX</th> <th>INPUT WATTS</th> <th>DELIVERED LUMENS</th> <th>CRI</th> <th>CCT °K</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> L1L10</td> <td>13W</td> <td>924</td> <td>80</td> <td>4000</td> </tr> </tbody> </table> <p><b>AMBER LED IDA - Dark Sky Approved</b></p> <table border="0"> <tbody> <tr> <td><input type="checkbox"/> L1L1K2A</td> <td>7W</td> <td>124</td> <td>AMBER</td> <td></td> </tr> </tbody> </table> <p><b>VERY NARROW DISTRIBUTION</b></p> <table border="0"> <tbody> <tr> <td><input type="checkbox"/> L1L5NR</td> <td>10W</td> <td>539</td> <td>80</td> <td>4000</td> </tr> </tbody> </table>	SUFFIX	INPUT WATTS	DELIVERED LUMENS	CRI	CCT °K	<input type="checkbox"/> L1L10	13W	924	80	4000	<input type="checkbox"/> L1L1K2A	7W	124	AMBER		<input type="checkbox"/> L1L5NR	10W	539	80	4000	<b>3 REFLECTORS*</b> <input type="checkbox"/> <b>R30</b> Flood optics 29° (standard) <input type="checkbox"/> <b>R40</b> Wide flood optics 42°  <input type="checkbox"/> <b>R9</b> Very narrow optics 9° (12,018 candela)	<b>4 VOLTAGE</b> <input type="checkbox"/> 120V <input type="checkbox"/> 277V	<b>5 FINISH</b> <p><b>STANDARD COLORS*</b></p> <table border="0"> <tbody> <tr><td><input type="checkbox"/> <b>WHT</b></td><td>Snow white</td></tr> <tr><td><input type="checkbox"/> <b>BKT</b></td><td>Jet black</td></tr> <tr><td><input type="checkbox"/> <b>BZT</b></td><td>Bronze</td></tr> <tr><td><input type="checkbox"/> <b>MST</b></td><td>Matte silver</td></tr> <tr><td><input type="checkbox"/> <b>GRT</b></td><td>Titanium gray</td></tr> <tr><td><input type="checkbox"/> <b>DGT</b></td><td>Gun metal</td></tr> <tr><td><input type="checkbox"/> <b>CHT</b></td><td>Champagne</td></tr> <tr><td><input type="checkbox"/> <b>SGT</b></td><td>Steel gray</td></tr> <tr><td><input type="checkbox"/> <b>BGT</b></td><td>English cream</td></tr> </tbody> </table> <p><b>OPTIONAL COLORS</b></p> <table border="0"> <tbody> <tr><td><input type="checkbox"/> <b>CS</b></td><td>Custom color</td></tr> <tr><td><input type="checkbox"/> <b>RAL</b></td><td>RAL# color</td></tr> </tbody> </table> <p><b>NATATORIUM SUITED COLORS</b></p> <table border="0"> <tbody> <tr><td><input type="checkbox"/> <b>NWHT</b></td><td>White</td></tr> <tr><td><input type="checkbox"/> <b>NBKT</b></td><td>Black</td></tr> </tbody> </table> <p><small>*Refer to color chart</small></p>	<input type="checkbox"/> <b>WHT</b>	Snow white	<input type="checkbox"/> <b>BKT</b>	Jet black	<input type="checkbox"/> <b>BZT</b>	Bronze	<input type="checkbox"/> <b>MST</b>	Matte silver	<input type="checkbox"/> <b>GRT</b>	Titanium gray	<input type="checkbox"/> <b>DGT</b>	Gun metal	<input type="checkbox"/> <b>CHT</b>	Champagne	<input type="checkbox"/> <b>SGT</b>	Steel gray	<input type="checkbox"/> <b>BGT</b>	English cream	<input type="checkbox"/> <b>CS</b>	Custom color	<input type="checkbox"/> <b>RAL</b>	RAL# color	<input type="checkbox"/> <b>NWHT</b>	White	<input type="checkbox"/> <b>NBKT</b>	Black
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### OPTIONS

#### ELECTRICAL

- ☐ **FS** Fuse
- ☐ **REML2-50** 7W remote emergency battery backup for LED, 90 min. Remote mount 50ft - 12" (305mm) square enclosure with access cover<sup>1</sup>

#### FAUX WOOD COLORS<sup>3</sup>

- |  |  |
|--|--|
| <input type="checkbox"/> <b>ADG</b> American douglas | <input type="checkbox"/> <b>MPL</b> Maple    |
| <input type="checkbox"/> <b>BRC</b> Birch            | <input type="checkbox"/> <b>OFL</b> Oak      |
| <input type="checkbox"/> <b>CHN</b> Chestnut         | <input type="checkbox"/> <b>RSW</b> Rosewood |
| <input type="checkbox"/> <b>CRY</b> Cherry           | <input type="checkbox"/> <b>TEK</b> Teak     |
| <input type="checkbox"/> <b>KNP</b> Knotty pine      | <input type="checkbox"/> <b>WLN</b> Walnut   |

#### LIGHT & OPTICS

Alternate CCT °K LED (LCF: Lumen conversion factor)

- ☐ **K27** 2700K CCT 80 CRI (LCF: 0.91)<sup>2</sup>
- ☐ **K3** 3000K CCT 80 CRI (LCF: 0.94)
- ☐ **K35** 3500K CCT 80 CRI (LCF: 0.983)<sup>2</sup>

NOTE: Other CCT & higher CRI available, please consult factory.

#### ACCESSORIES

- ☐ **SL** Solite lens (light loss factor [LLF]: 0.9)
- ☐ **LSL** Linear spread lens

#### NOTES

- 1- The remote enclosure must be interior.
- 2- K27 and K35 options not available with the R9 optics.
- 3- Faux wood finish not applied to lens frame.

**LUMINIS®**

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872 Email: info@luminis.com  
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

Luminaires may be altered for design improvement or discontinued without prior notice.

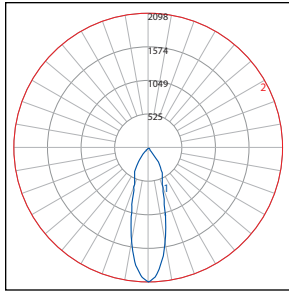
LUMINIS.COM

Oct. 2021 Rev. 2

# SQ510 SERIES

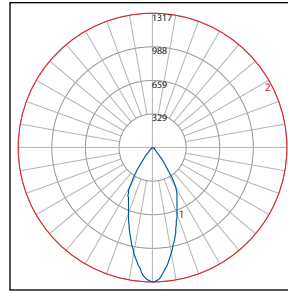
## SYRIOS SQUARE - LED

### TYPICAL PHOTOMETRY SUMMARY



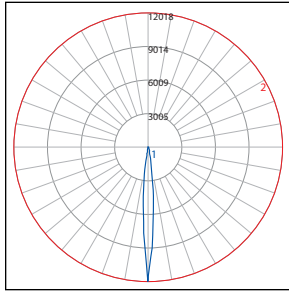
#### Descriptive Information

SQ510-L1L10-R30  
 Total Lms: 924 Lumens  
 Total Input Watts: 13 W  
 Efficacy: 74 Lumens/Watt  
 BUG: B1-U0-G0  
 CCT/CRI: 4000K/80  
 Maximum Candela: 2098 @ 0 deg



#### Descriptive Information

SQ510-L1L10-R40  
 Total Lms: 846 Lumens  
 Total Input Watts: 13 W  
 Efficacy: 68 Lumens/Watt  
 BUG: B1-U0-G0  
 CCT/CRI: 4000K/80  
 Maximum Candela: 1317 @ 0 deg



#### Descriptive Information

SQ510-L1L5NR-R9  
 Total Lms: 539 Lumens  
 Total Input Watts: 10 W  
 Efficacy: 53 Lumens/Watt  
 BUG: B1-U0-G0  
 CCT/CRI: 4000K/80  
 Maximum Candela: 12018 @ 0 deg

Please visit our web site [www.luminis.com](http://www.luminis.com) for complete I.E.S. formatted download data.



# BOWMAN 4 WALL SCONCE



The classic silhouette of this sleek LED wall sconce makes it suitable for both indoor and outdoor applications. The Bowman's die-cast aluminum body houses a powerful, long-lasting LED light source tightly controlled for down light only, yet supplying significant illumination for even the darkest nights. Available in two sizes and five finishes.

## Outstanding protection against the elements:

- Powder coat finishes
- Stainless Steel mounting hardware
- Impact-resistant, UV stabilized frosted acrylic lensing

## SPECIFICATIONS

DELIVERED LUMENS	696.6
WATTS	17.8
VOLTAGE	120V, 277V
DIMMING	ELV
LIGHT DISTRIBUTION	Symmetric
MOUNTING OPTIONS	Downlight
CCT	2700K**, 3000K
CRI	80+
COLOR BINNING	3 Step
BUG RATING	B1-U0-G0
DARK SKY	Compliant
WET LISTED	IP65
GENERAL LISTING	ETL
CALIFORNIA TITLE 24	Can be used to comply with CEC 2019 Title 24 Part 6 for outdoor use. Registration with CEC Appliance Database not required.
START TEMP	-30°C
FIELD SERVICEABLE LED	No
CONSTRUCTION	Aluminum
HARDWARE	Stainless Steel
FINISH	Powder Coat
LED LIFETIME	L70; >60,000 Hours
WARRANTY*	5 Years
WEIGHT	1.7 lbs.

\* Visit [techlighting.com](http://techlighting.com) for specific warranty limitations and details.

\*\* Available in Black and Bronze finish only.



BOWMAN 4  
shown in black



BOWMAN 4  
shown in bronze



BOWMAN 4  
shown in charcoal



BOWMAN 4  
shown in silver



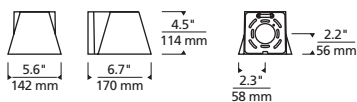
BOWMAN 4  
shown in white

## ORDERING INFORMATION

PRODUCT	LENGTH	FINISH	LAMP
700WSBOW	4 4"	<b>B</b> BLACK	<b>-LED827</b> LED 80 CRI, 2700K 120V*
		<b>Z</b> BRONZE	<b>-LED827277</b> LED 80 CRI, 2700K 277V*
		<b>H</b> CHARCOAL	<b>-LED830</b> LED 80 CRI, 3000K 120V
		<b>I</b> SILVER	<b>-LED830277</b> LED 80 CRI, 3000K 277V
		<b>W</b> WHITE	

\*AVAILABLE IN BLACK AND BRONZE FINISH ONLY

# BOWMAN 4 WALL SCONCE

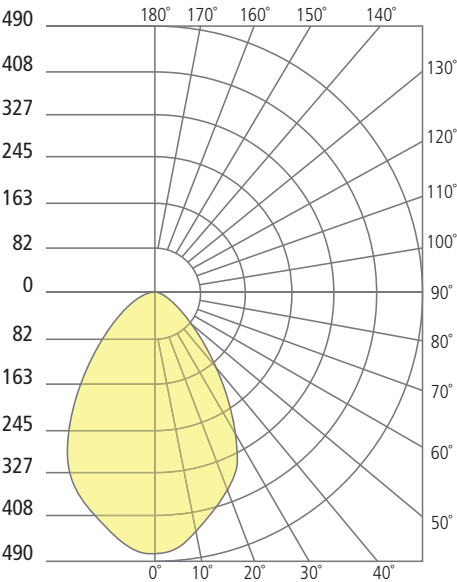


Bowman 4

## PHOTOMETRICS\*

\*For latest photometrics, please visit [www.techlighting.com/OUTDOOR](http://www.techlighting.com/OUTDOOR)

<b>BOWMAN 4</b>	
Total Lumen Output:	696.6
Total Power:	17.8
Luminaire Efficacy:	39.1
Color Temp:	3000K
CRI:	80+
BUG Rating:	B1-U0-G0



## PROJECT INFO

FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES



VISUAL COMFORT & CO.

7400 Linder Avenue, Skokie, Illinois 60077

T 847.410.4400



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# EDWARDS

REALTY COMPANY

14400 South John Humphrey Drive  
Suite 200  
Orland Park, IL 60462  
Ph 708-923-6312  
Fax 708-923-7301

January 24, 2022

To Whom It May Concern:

Please let this letter serve as notice of our intent to rectify the current code violation regarding the placement of the tenant dumpsters at Cornerstone Centre in Tinley Park. Until this code issue was recently brought to our attention by RJ's Seafood and the Village of Tinley Park, we were unaware that the tenant's dumpster locations were in violation. The property has been operating in this manner for almost two decades and the dumpsters in these locations long predate our ownership and management of Cornerstone Centre. We intend to rectify the issue as soon as possible and I believe we have found a solution that will ensure code compliance permanently.

It has proven difficult to monitor individual tenant trash services and placement of their receptacles. Every tenant currently has their own dumpsters with their own agreements in place. There are multiple different service providers at the property and not enough room inside the enclosures for them all. With the oversight of a single waste hauling company to monitor the onsite waste removal operations, we could ensure tenants are sharing dumpsters and the reduced number of overall receptacles would ensure that everything fits within the two remaining enclosures. Service frequency would increase as needed.

We have chosen Homewood Disposal Services as our unified trash hauler at the property. They understand the needs of every tenant in the shopping center. They have provided shared dumpsters with labels for each tenant so there is no confusion as to where a tenant is to place their trash or recycling. The increased volume from RJ's Seafood is being accounted for by an increase in service days at the property. Homewood Disposal has even left room for RJ's grease container in their enclosure. Property management is confident that this solution can be implemented within the next 2 weeks and ensure future code compliance indefinitely.

Best Regards,



Derek Hassan  
Edwards Realty Company

CornerStone Centre  
Shopping mall



1: 5-5yd-2x wk (at yards)  
R: 1-3yd-3x wk (9 yards)

→ Create bin  
(not handled by Howwood)

Stacks Breakfast,  
Brunch & Lunch Tinley  
Delivery by Caviar

Shred Nations

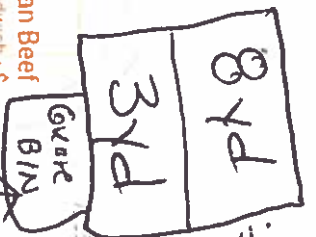
Mr. Riko Loko  
Ice Cream

350 Brewing Company  
Free Delivery  
on 1st Order

Runa Izakaya  
Sushi • \$5

Sport Clips Haircuts  
of Tinley Park

Al's #1 Italian Beef  
Sandwich • \$



Trash  
= 8yd - 3x (24yd)

Recycle

→ not handled  
by HDS

CornerStone Centre