

**AGENDA  
CITY OF ST. CHARLES  
PLAN COMMISSION  
CHAIR PETER VARGULICH**

**TUESDAY, JUNE 4, 2024 - 7:00 P.M.  
COUNCIL CHAMBERS  
2 E. MAIN ST., ST. CHARLES, IL 60174**

- 1. Call to order**
- 2. Roll Call -**

Chair Peter Vargulich	Jeffrey Funke	Dave Rosenberg
Laurel Moad	Colleen Wiese	Gary Gruber
Gina Lawson	Zachary Ewoldt	John Fitzgerald

Auditory Members    -    Holly Cabel, St. Charles Park District  
                                     -    Paul Gordon, School District #303
- 3. Pledge of Allegiance**
- 4. Presentation of minutes of the May 7, 2024 meeting of the Plan Commission**
- 5. Election of Officers**
- 6. Fox Haven Square, Stuart's Crossing PUD Lot 4 (Greco Investment Management LLC)**

Application for Special Use (PUD Amendment)  
Application for PUD Preliminary Plan

  - a. Public Hearing
  - b. Discussion and Recommendation
- 7. 407 S. 5<sup>th</sup> Street Easement Vacation (Zach Derrico)**
- 8. Public Comment**
- 9. Additional Business from Plan Commission Members or Staff**
- 10. Weekly Development Report**
- 11. Meeting Announcements**
  - a. Plan Commission

Tuesday, June 18, 2024 at 7:00pm Council Chambers  
Tuesday, July 2, 2024 at 7:00pm Council Chambers

Tuesday, July 16, 2024 at 7:00pm Council Chambers

- b. Planning & Development Committee
  - Monday, June 10, 2024 at 7:00pm Council Chambers
  - Monday, July 8, 2024 at 7:00pm Council Chambers

## **12. Adjournment**

### ***ADA Compliance***

Any individual with a disability requesting a reasonable accommodation in order to participate in a public meeting should contact the ADA Coordinator, Jennifer McMahon, at least 48 hours in advance of the scheduled meeting. The ADA Coordinator can be reached in person at 2 East Main Street, St. Charles, IL, via telephone at (630) 377 4446 or 800 526 0844 (TDD), or via e-mail at [jmcmahon@stcharlesil.gov](mailto:jmcmahon@stcharlesil.gov). Every effort will be made to allow for meeting participation. Notices of this meeting were posted consistent with the requirements of 5 ILCS 120/1 et seq. (Open Meetings Act).





Staff Report  
Plan Commission Meeting – June 4, 2024

<b>Applicant:</b>	Greco Investment Management LLC
<b>Property Owner:</b>	SVAP III Stuart's Crossing Vacant Lot LLC & SVAP III Stuart's Crossing Small Shops LLC
<b>Location:</b>	East side of N Kirk Rd., north of Rt. 64, south of Jewel
<b>Purpose:</b>	Commercial development
<b>Application:</b>	Special Use (PUD Amendment) PUD Prelim. Plan
<b>Public Hearing:</b>	Yes, required
<b>Zoning:</b>	BR Regional Business / PUD
<b>Current Land Use:</b>	Vacant
<b>Comprehensive Plan:</b>	Corridor / Regional Commercial

**Fox Haven Square**



**Subject Property**

<b>Summary of Proposal:</b>	<p>Greco Investment Management LLC has filed zoning applications seeking approval to construct a commercial development on the vacant 7.5-acre parcel in the Stuart's Crossing PUD. The property is located south of the Jewel on Kirk Road. The proposed development includes:</p> <ul style="list-style-type: none"> <li>• Three restaurant/retail buildings clustered around a plaza at the east end of the site and pickleball/restaurant building at the south end.</li> <li>• Approx. 70,000 total building square footage.</li> <li>• Parking in front, along Kirk Road</li> <li>• Access from existing driveways off E. Main Street and Kirk Road.</li> <li>• Preserve existing cross-access drive through the property from Jewel to E. Main St.</li> <li>• New cross-access to the Charlestowne Mall property.</li> </ul> <p>A Concept Plan similar to the proposal was reviewed in Sept. 2023.</p>
<b>Info / Procedure on Application:</b>	<p><b>Special Use (PUD Amendment):</b></p> <ul style="list-style-type: none"> <li>• Approval of development project with specific deviations from the Zoning Ordinance and/or existing PUD Ordinance standards. (Establishes an ordinance amending the existing PUD, with unique zoning or subdivision standards that apply to a single development site)</li> <li>• Public hearing is required, with a mailed notice to surrounding property owners.</li> </ul>

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	<ul style="list-style-type: none"> <li>• Single finding – Is the PUD Amendment in the public interest? Criteria are considered in reaching a decision. Responses to the criteria need not be in the affirmative to recommend approval of a PUD or PUD Amendment.</li> <li>• The Plan Commission may recommend conditions and restrictions upon the establishment, location, design, layout, height, density, construction, maintenance, aesthetics, operation and other elements of the PUD as deemed necessary to secure compliance with the standards specified in the Zoning Ordinance.</li> <li>• The Plan Commission may recommend exceptions and deviations from the requirements of the Zoning and Subdivision Codes requested by the applicant, to the extent that it finds such exceptions and deviations are supportive of the standards and purposes for PUDs.</li> </ul> <p><b>PUD Preliminary Plan:</b></p> <ul style="list-style-type: none"> <li>• Approval of plans for development of property within a PUD- includes site, landscape, and engineering plans.</li> <li>• Recommendation is based on compliance with the previously (or concurrently) approved Special Use for PUD standards and other City Code requirements.</li> </ul>
<b>Suggested Action:</b>	<p>Conduct the public hearing on the Special Use (PUD Amendment) and close if all testimony has been taken.</p> <p>The Plan Commission may vote on this item should the Commission feel that they have enough information to make a recommendation.</p> <p>Staff recommends that any recommendation include a condition requiring resolution of staff comments prior to City Council action.</p>
<b>Staff Contact:</b>	Ellen Johnson, Planner

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## I. PROPERTY INFORMATION

### A. History / Context

The subject property is a vacant 7.5-acre parcel platted as Lot 4 of Stuart's Crossing Retail Subdivision. The subject property also includes a portion of Lot 3 of the same subdivision, which encompasses the Kirk Road site access drive and the "Small Shops" multi-tenant center attached to Jewel. The subject property is within "Parcel 2" of the Stuart's Crossing PUD. The PUD was approved under Ordinance No. 1997-M-115 "An Ordinance Granting a Special Use as a Planned Unit Development (Stuart's Crossing PUD)". The PUD encompasses a large swath of properties situated around the southwest and northeast corners of E Main St. and Kirk Rd.

The PUD Ordinance contains development standards and design criteria for each of the four portions of the PUD:

- Parcel 1: Stuart's Crossing Townhomes (NE corner of Kirk Rd. & Foxfield Dr.)
- Parcel 2: Commercial properties at the northeast corner of Kirk Rd. & E Main St., south of Foxfield Dr. (former On The Border, Old Second Bank, Jewel, multi-tenant center, vacant property)
- Parcel 3A: Commercial properties at the southwest corner of Kirk Rd & E Main St. (Dunkin Donuts, Walgreens, Wok n Fire, Panera, First American Bank)
- Parcel 3B: Ascend St. Charles Apartments, south of Parcel 3A (formerly AMLI)

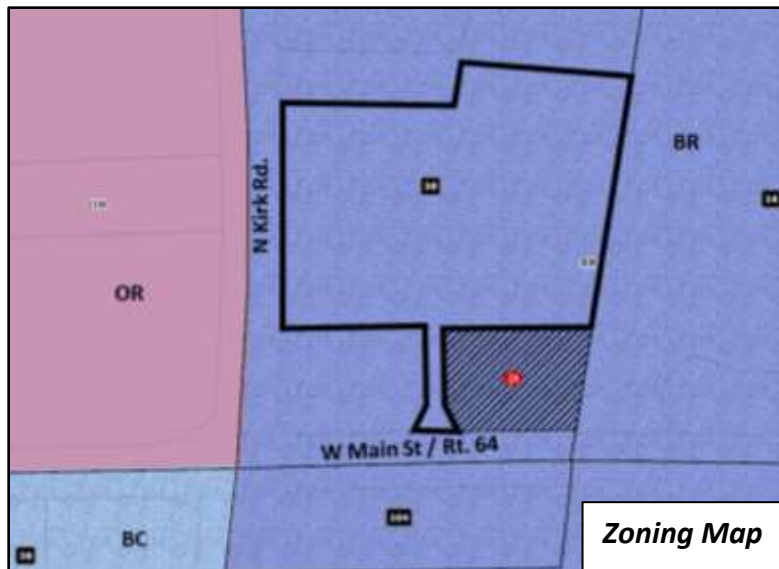
The PUD was primarily built out in the early 2000s, with the exception of Lot 4, which has remained vacant aside from a shared access drive that bisects the property north-south, providing access to Jewel from Main Street.

In September 2023, the Plan Commission and Planning & Development Committee reviewed a Concept Plan for the subject property which proposed four commercial buildings and an outdoor plaza.

## B. Zoning

The subject property is zoned BR Regional Business and PUD (Stuart's Crossing PUD). Commercial zoning exists to the north, east, and south, with a church to the west.

	Zoning	Land Use
<b>Subject Property</b>	BR Regional Business/PUD	Vacant
<b>North</b>	BR Regional Business/PUD	Commercial strip center, Jewel
<b>East</b>	BR Regional Business/PUD	Charlestowne Mall
<b>South</b>	BR Regional Business/PUD	Old Second Bank, On The Border, Pride Gas Station
<b>West</b>	OR Office/Research	St. John Neumann Church



## C. Comprehensive Plan

The Land Use Plan adopted as part of the [2013 Comprehensive Plan](#) identifies the subject property as "Corridor/Regional Commercial" (Ch. 4).



The Corridor/Regional Commercial land use category is described as follows (p.46):

*Areas designated as Corridor/Regional Commercial are intended to accommodate larger shopping centers and developments that serve a more regional function, capitalizing on traffic volumes along the City's busy streets and drawing on a customer base that extends beyond the City limits. These areas are appropriate for "big box" stores, national retailers, and regional malls or a "critical mass" of multiple stores and large shared parking areas. Commercial service uses can also have an appropriate place in corridor/regional commercial areas, but must be compatible with adjacent and nearby retail and commercial shopping areas and be located as to not occupy prime retail locations.*

*The Land Use Plan identifies Corridor/Regional Commercial in the City's east and west gateways, clustered around Kirk Road and Randall Road, two busy north south streets that bi-sect the City. Both of these areas are ideally suited for a large scale commercial/retail development capable of drawing from a larger region. At both locations, access and visibility is ideal for a more regional commercial draw, and heavy traffic volumes provide visibility desired by retailers. As development and redevelopment is considered in these areas, consideration should be given to maximizing revenue generating opportunities. It is also important to recognize the importance of promoting high-quality development in these locations as they serve as gateways into the City and are pivotal in shaping perceptions of St. Charles as visitors enter the City.*

*Both the Kirk Road and Randall Road corridors are critical to the economic livelihood of the City and both have challenges and issues that must be addressed in order to maintain their vitality.*

In addition, the subject property and surrounding commercial areas are part of the **East Gateway Subarea**, which is centered on the intersection of Kirk Rd. and Main St. (p.102). The following goals and objectives were created in recognition that the area represents a significant piece of the local economy.

#### **Subarea Goals**

*The East Gateway subarea represents a unique opportunity for economic development, revitalization and stabilization with for a specific context within the City of St. Charles. The overall vision for the subarea includes the following:*

- *Revitalization of the Subarea's retail areas that maximizes the locational assets within this area of the City.*
- *Improved connectivity and circulation within the Subarea providing logical and efficient connections between compatible uses.*
- *Better separation of incompatible land uses to protect residential neighborhoods while at the same time help define the City's business areas.*
- *Attractive streets and sites to distinguish this Subarea and key corridors from neighboring communities.*
- *A mix of uses that that help diversify the City's economy and provide places to live, work, and shop.*

#### **Subarea Objectives**

- *Improve the appearance of the Kirk Road and Main Street Corridors to assist in strengthening the community's identity and appearance through installation of streetscaping, wayfinding and gateway elements.*

- *Use landscaping appropriately to enhance commercial areas, screen unsightly areas, and provide an attractive streetscape and overall setting for the area.*
- *Improve the overall connectivity and mobility within the Subarea through both public streets and internal connection to provide a predictable and navigable environment.*
- *Preserve surrounding neighborhoods through the use of screening, buffering, and better separation from commercial development.*
- *Create market-responsive development parcels that can accommodate projects of an appropriate scale and phasing over time.*
- *Take advantage of proximity to DuPage Airport and Pheasant Run as activity generators.*
- *Reposition the Charlestowne Mall site to foster its renaissance or its redevelopment.*
- *Enhance the character of both existing and new development through site improvements, facade enhancements, consistent signage regulation, and at-tractive building design and materials.*

The subject property is identified as **Catalyst Site “B”** within the East Gateway Subarea (P.104):

*South of the Jewel-Osco along Kirk Road, this vacant site provides an opportunity to provide exposure and access for the Charlestowne Mall to Kirk Road. Development of the site should have strong orientation to Kirk Road, but also should be careful not to neglect its rear side that will be exposed to the Charlestowne Mall site.*

In addition, the Charlestowne Mall Framework Plan (p.105) contemplates extending the east-west cross-access drive between Jewel and the subject property through to the Charlestowne Mall property.

## II. PROPOSAL

Greco Investment Management LLC is proposing to develop a commercial development on Lot 4 and part of Lot 3 of the Stuart’s Crossing PUD. Two applications have been filed:

1. **Application for Special Use** requesting to amend the Stuart’s Crossing PUD to allow for certain deviations from the existing PUD Ordinance and the Zoning Ordinance. Requested deviations are in regards to the setback on Kirk Road, off-street parking, development signage, landscaping, and building design.
2. **Application for PUD Preliminary Plan** to approve the site layout, landscaping, building elevations, photometric, and preliminary engineering plans.

The proposed development is summarized as follows:

- Three restaurant/retail buildings clustered around a plaza at the east end of the site.
  - Building 1 – 16,500 sf restaurant & 9,650 sf retail
  - Building 2 – 19,500 sf restaurant
  - Building 3 – 4,000 sf restaurant & 10,250 sf retail
  - Plaza area for outdoor dining and communal gathering
- Pickleball/restaurant building at the south end of the site
  - Building 4 - 20,000 sf
- Parking in front of the buildings, along Kirk Road.
- Valet/drop-off area in front of the plaza.
- Access from existing driveways off E. Main Street and Kirk Road.
- Preserve existing north-south cross-access drive through the property from Jewel to E. Main Street
- New east-west cross-access from Kirk Road to the Charlestowne Mall property.
- Public sidewalk along Kirk Road to Main Street.



A Concept Plan similar to the proposal was reviewed in Sept. 2023. Plan Commissioners provided feedback to the application, which is summarized as follows:

- Support for the land use and site layout.
- Excitement about potential restaurant uses and the building/plaza design concept.
- Support for cross-access to Charlestowne Mall via an extension of the E-W drive off Kirk Road.
- Recommendation to explore options for shared parking with the Jewel property.
- Importance of walkability between adjacent developments.
- Importance of four-sided architectural design given the visibility of the buildings.
- Importance of landscaping to enhance the parking lot and throughout the site.

The current proposal is similar in layout to the Concept Plan. The following are the more significant changes that have been made since Concept:

- Building 4 was previously shown as retail/office building. A pickleball/restaurant facility is now proposed, which has a different architectural design than Buildings 1-3.
- Addition of public sidewalk along Kirk Road to Main Street.
- Detailed plans for the plaza.

### III. PLANNING ANALYSIS

Staff has analyzed the proposed development to determine compliance with applicable standards of the Stuart's Crossing PUD and the Zoning Ordinance. Plans were reviewed against the following code sections and documents:

- |  |  |
|--|--|
| • Ord. 1997-M-115                                | • Ch. 17.24 Off-Street Parking, Loading & Access |
| • Ch. 17.06 Design Review Standards & Guidelines | • Ch. 17.26 Landscaping & Screening              |
| • Ch. 17.14 Business & Mixed Use Districts       | • Ch. 17.28 Signs                                |

#### A. Proposed Uses

Permitted uses in the Stuart's Crossing PUD are provided in Exhibit IV of Ord. 1997-M-115. Proposed uses include retail and restaurant. These uses are permitted in the PUD. The proposed pickleball facility would be classified as "Physical Culture", which is also permitted in the PUD. Under the current Zoning Ordinance, the pickleball facility would be classified as "Indoor Recreation", which is permitted in the underlying BR District.

Outdoor Sales is listed as a Special Use in the PUD. Outdoor Sales includes Outdoor Dining. Outdoor Dining is proposed for the restaurant users. As part of the PUD Amendment, Outdoor Dining would be defined as a permitted accessory use to a Restaurant. This would align with the underlying BR District zoning.

#### B. Site Access & Circulation

Access to the site will be via existing access points into the property. This includes right-in/right-out access from E. Main Street via the drive that runs between Old Second Bank and the former On The Border, and right-in/right-out access from Kirk Road via the driveway shared with Jewel. Cross access between the properties will be preserved.

Also proposed is extension of the E-W drive off Kirk Road, through the site to the Charlestowne Mall property. This will allow for cross-access between this development and

the mall property. In addition, a new N-S cross-access will be provided at the east end of the site.

Public sidewalk is proposed along the Kirk Road frontage of the site, extending down to the Main Street right-of-way. While sidewalk is not provided along adjacent properties, staff has requested this sidewalk to allow for future connectivity.

Within the site, sidewalk is provided along the E-W drive between Kirk and Charlestowne Mall. Crosswalks are shown at four points between the parking lot and Bldgs 1-3/plaza area. Sidewalks/plaza are also provided around the buildings.

**Staff Comments:**

- ✓ A cross-access easement will be needed with the Charlestowne Mall property owner to allow the E-W drive connection. The applicant is working with the mall property owner on this agreement and will provide staff with a copy once it is ready.
- ✓ A cross-access easement will be needed for the new N-S cross access to the Jewel property to the north.
- ✓ Staff has requested the applicant verify existing easements for cross-access to adjacent properties.

**C. Bulk Standards / Site Plan**

The table below compares the development plans with the applicable standards of the Stuart's Crossing PUD. The standards of the underlying BR District are also listed. The applicant has requested a deviation from the 50 ft. setback from Kirk Road, which is a requirement of the PUD. A deviation to allow for a parking reduction has also been requested.

Category	BR District (underlying zoning)	PUD Standard	PROPOSED
<b>Bldg. Coverage</b>	30%	N/A	21%
<b>Floor Area Ratio</b>	N/A	1.3	.21
<b>Max. Building Height</b>	40 ft.	N/A	Bldgs 1 & 2: 29 ft. Bldg 3: 28 ft. Bldg 4: 39 ft.
<b>Kirk Rd. property line</b>	Building: 20 ft. Parking: 20 ft.	Building: 50 ft. Parking/paving: 50 ft.	<b>Building: 40 ft.</b> <b>Parking/paving: 40 ft.</b>
<b>Interior Side Yard (north &amp; south)</b>	Building: 15 ft. Parking: 0 ft.	Building: 0 ft. Parking/paving: 0 ft.	Buildings: North- 13 ft; South- 11 ft. Parking/paving: 0 ft.
<b>Rear Yard (east)</b>	Building: 30 ft. Parking: 0 ft.	Building: 20 ft. Parking/paving: 20 ft.	Building: 71 ft. Parking/paving: 20 ft.
<b>Parking Spaces</b>	<u>Restaurant</u> : 10 per 1,000 sf GFA (364 spaces for Bldgs 1-4)  <u>Retail</u> : 4 per 1,000 sf GFA (80 spaces for Bldgs 1-2)  <u>Indoor Recreation</u> : 4 per 1,000 sf GFA (up to 121 spaces for Bldg 4) Total required: <u>565 spaces</u>	<u>Restaurant</u> : 15 per 1,000 sf net floor area (546 spaces for Bldgs 1-4) <u>Retail</u> : 4 per 1,000 sf net floor area (80 spaces for Bldgs 1-2) <u>Physical Culture</u> : not defined, assume same as BR zoning- 121 spaces Total required: <u>747 spaces</u>	<b>434 on-site parking spaces</b>  (not including shared parking on Jewel property)

**Staff Comments:****Parking:**

- ✓ The applicant has requested a deviation from the PUD parking requirement for this development. A deviation would also be needed if the parking calculation were to revert to the underlying zoning. A total of 434 parking spaces are provided on-site. Under the current zoning ordinance, 565 spaces would be required. Under the existing PUD, the parking requirement would be 747 spaces.
- ✓ Shared parking with Jewel and the adjacent “Small Shops” building is contemplated. The applicant is under contract to purchase these properties. Documentation regarding shared parking arrangements among the properties will be needed.
- ✓ For reference, hours of operation of the businesses on these properties are as follows:
  - Jewel: 6am to 12am
  - Rosati’s: 9am to 1am most days
  - Tips 2 Toes Nail Salon: 10am to 8pm most days
  - Vacant space for lease: TBD

**Site Plan:**

- ✓ The foundation planting beds shown around Building 4 do not appear to reflect the location of the main entrance doors per the architectural plans.
- ✓ Staff has asked for clarification of the BMP bioretention areas A & B; will this be turf grass? Approval of the proposed BMP bioretention area will require compliance with City stormwater management requirements.
- ✓ Staff suggests the dumpster located north of Building 1 be pushed back towards the building to avoid a jog in the sidewalk and so the dumpster doors do not interfere with the vehicle drive aisle.
  - Consider eliminating the Building 1 dumpster and enlarging the Building 2 dumpster, instead.
- ✓ Existing pavement shown to remain at the SE end of the site and along the entirety of the N-S access drive south to Main Street is in poor condition. This pavement should be removed and replaced.
- ✓ Staff has asked for clarification on the proposed material for the majority of surfacing around Buildings 1 and 3; will this be concrete?
- ✓ Bollards are suggested near building corners close to drive aisles, such as for Building 4 and the existing Small Shops building.
- ✓ The location of the Bldg 4 dumpster necessitates access via the Old Second Bank property. The applicant has indicated that the dumpster will be relocated to the east side of the building.
- ✓ Staff has requested clarification regarding usage rights of the existing parking constructed for On The Border that encroaches onto the subject property.

**D. Landscaping**

A landscape plan has been submitted and reviewed against the requirements of Ch. 17.26 “Landscaping and Screening”. The plan depicts the quantity and location of plantings, grouped into tree/shrub/grasses/perennials/groundcover categories. A plant list is included. Plantings will be selected from the plant list. The finalized selections will need to be identified on the final landscape plan submitted prior to permitting.

Landscaping is provided along Kirk Road, along the E-W access drive, within parking lot islands, around buildings, and in planters within the plaza. Parkway trees are provided between Kirk Road and the public sidewalk.



The Table below compares the applicable standards and the proposed plans. A deviation has been requested from building foundation landscaping requirements to allow for the extent and location of landscaping as shown on the plans.

Category	Zoning Ordinance Standard	Proposed
<b>Overall Landscape Area</b>	15%	Over 15%
<b>Public Street Frontage Landscaping</b> <i>(applies to Kirk Road frontage)</i>	75% of frontage 1 tree per 50 lineal ft. (11 trees required)	75% of frontage 11 trees
<b>Parking Lot Screening</b> <i>(applies to Kirk Road frontage)</i>	50% of parking lot to height of 30"	Over 50%
<b>Interior Parking Lot Landscaping</b>	1 landscape island per 10 parking spaces 1 tree per island + variety of plantings	Meets requirement <i>See comment regarding electric transformers</i>
<b>Building Foundation Landscaping</b>	50% of total building walls; 50% of front building walls; 5 ft. wide planting beds; 2 trees & 20 shrubs/bushes/perennials per 50 ft of planting bed	<b><i>Bldgs 1-3: Does not meet; deviation requested</i></b> Bldg 4: Meets requirement
<b>Monument Sign Landscaping</b>	3 ft. around signs	<b><i>Landscaping needed</i></b>
<b>Refuse Dumpster Screening</b>	Enclosed and screened on all sides when visible from public street	Screening provided, utilizing brick to match buildings

#### **Staff Comments**

- ✓ Staff suggests relocating the transformers behind Buildings 1 and 2 so that trees and plantings can be provided in the parking lot islands.
- ✓ Plantings are suggested between the EV charging stalls and sidewalk.
- ✓ Plantings are required around all freestanding signage. Freestanding signs shall be landscaped to at least 3 ft. around the outer edge of the sign base on all sides, utilizing a mixture of shrubs, grasses, and/or perennials to a height of 12" to 3 ft. at planting.

#### **E. Building Design**

Buildings in the BR District are subject to Design Review Standards and Guidelines contained in Ch. 17.06. Elevation drawings have been submitted for each building. Buildings 1-3 are designed around a unified theme, with brick as the primary façade material, stone veneer accents, varied buildings heights, and tall storefront windows. Space for art murals are identified on the rear of each building.

Building 4, the pickleball building, incorporates a barn-like design with farmhouse styling. The façade material is prefabricated metal panels, with a stone veneer knee wall. Protective netting or other barrier will be provided over the open court area on the second floor.

PUD deviations have been requested from the following design standards, in order to allow the buildings as-designed. Deviations from the following requirements will be needed:

1. Building facades over 100 ft. in length shall incorporate wall portions or recesses a minimum of 3 ft. in depth, extending over 20% of the façade.
  - a. Bldg 1: applies to the south and north elevations. Bump-outs are incorporated, but are less than 3 ft. in depth.
  - b. Bldg 2: applies to the west elevation. Bump-outs are incorporated, but are less than 3 ft. in depth.
  - c. Bldg 3: applies to the north and south elevations. Bump-outs are incorporated, but are less than 3 ft. in depth.
  - d. Bldg 4: applies to the north elevation. No projections/recesses are incorporated.
2. Facades that face a street shall have at least 2 of the following architectural features:
  - Change in wall plane of at least 2 ft.
  - Change in wall texture or masonry patterns.
  - Transparent windows
  - Columns or pilasters projecting at least 6" from the wall
    - a. Bldg 1: not met on the north elevation (side facing E-W access drive)
3. Roof lines should be varied with a change in height or incorporation of a major focal feature every 100 feet in building length.
  - a. Bldg 4: not met on the north or south elevation.
4. Certain exterior building materials are prohibited, including pre-fabricated steel panels of the type used in farm, storage, and industrial buildings.
  - a. Bldg 4: pre-fabricated metal panels are used for the exterior.

**Staff Comments:**

- ✓ The Bldg 2 floor plan depicts a 180'x100' footprint. The site plan shows a 195'x100' footprint. Clarification is needed.
- ✓ The Bldg 3 floor plan depicts a 190'x85' footprint. The site plan shows a 190'x75' footprint. Clarification is needed.
- ✓ Bldg 4 – Staff has provided the applicant with a number of suggestions aimed at enhancing the appearance of the building due to its location in a commercial district and better integrating the building with the rest of the development:
  - Create a more well-defined building entrance on the north elevation.
    - Provide additional articulation and interest through the addition of awnings and lighting.
    - Consider doors with windows or storefront windows surrounding the barn doors.
    - Consider bumping out the building entrance to further accentuate the entrance and to provide consistency with Bldgs 1-3.
  - The windows on the north and south elevations should be larger/taller to cover more wall area and balance the elevations. A window pattern/scale/proportion similar to that of the east and west elevations could be continued on the north and south.
  - Consider adding cupolas to the roof. Perhaps three; a larger cupola at the center with a smaller cupola on each side.
  - A higher roof pitch is suggested.
  - The material of the roof needs to be clarified.
  - An alternative color to white may soften the appearance of the metal panels given the size of the building.
  - Clarification has been requested on the proposed finish of the metal panels.

**F. Signage**

The PUD Ordinance allows up to one sign on each building wall, but no more than 2 wall signs are permitted per business. The applicant has requested a PUD deviation to allow building signage in locations as shown on the building elevations, as some of the buildings will have multiple tenants. Intended sign locations are not shown on Bldg 4. The PUD would permit up to two wall signs for Bldg 4.

Allowable freestanding signage for the subject portion of the Stuart's Crossing PUD was amended under Ord. 1999-M-43. That ordinance allows off-site signage at any location within Parcel 2 of the PUD. It also allowed for two freestanding signs over 8 ft. in height, located at least 25 ft. from Main Street and 35 feet from Kirk Road. Existing freestanding signs for the Jewel and Small shops properties are located at the corner of Main & Kirk, Kirk Road entrance, and the corner of Foxfield & Kirk.

A total of four freestanding signs are proposed. The existing freestanding signs will be replaced with signs incorporating Fox Haven Square branding, with an additional sign at the cross-connection to the Charlestowne Mall property. Renderings of the signs have been provided, described as follows:

- Two-column sign on each side of the site entrances off Kirk Road and Charlestowne Mall. The columns are connected by what appears to be metal wiring. Brick base. 28 ft. in height.
- Multi-tenant sign at Foxfield & Kirk. Brick base. Two-sided. Approx. 31 ft. in height.
- Multi-tenant sign at Main & Kirk. Brick base. Two sides forming L-shape. Brick base. Approx. 34 ft. in height.

The maximum height of shopping center signs in the underlying BR District is 30 ft.

**Staff Comments**

- ✓ The proposed sign at the corner of Main & Kirk is located within the 20 ft. site triangle. The sign will need to be pushed back, outside of the site triangle to allow for adequate motorist visibility.
- ✓ Dimensions of the sign facades are needed for all freestanding signs.
- ✓ The location of the sign at Kirk & Foxfield needs to be clarified on a scaled site plan. It appears that this sign will replace the existing Jewel sign at this corner, but this needs to be verified.

**G. Site Lighting**

A photometric plan has been submitted indicating the location of pole lights and lighting levels at property lines. The plan complies with Section 17.22.040 "Site Lighting". Details on building-mounted lighting and lighting around the plaza will be required prior to permitting.

**IV. DEPARTMENTAL REVIEWS****A. Engineering Review**

The subject property is served by City utilities. Stormwater detention for this development was previously constructed as part of the Stuart's Crossing PUD. Permeable pavers and an above ground BMP area have been incorporated into the parking lot to provide for the additional storage needed to accommodate the development. Review comments that are

technical in nature have been provided to the applicant. Engineering comments shall be resolved prior to City Council action.

## **B. Electric Review**

Transformer locations for the buildings have been shown on the plans, however routing of the electric infrastructure has not been shown and shall be provided for review.

## **C. Fire Dept. Review**

The Fire Dept. has reviewed the plans and has determined that site access for emergency vehicles is adequate.

## **V. OPTIONS FOR PLAN COMMISSION ACTION**

### **1. Public Hearing – Close or Continue**

If the Plan Commission feels they have adequate information the public hearing may be closed. The public hearing may be continued if additional information is deemed necessary to provide a recommendation.

*If Public Hearing is closed-*

### **2. Make a Recommendation to Planning & Development Committee**

There is a single finding required for the City to approve a PUD application: ***Is the PUD in the public interest?*** There are five Criteria to be considered to reach a decision. These 5 Criteria are:

1. *The proposed PUD advances one or more of the purposes of the Planned Unit Development procedure stated in Section 17.04.400.A:*
  - i. *To promote a creative approach to site improvements and building design that results in a distinctive, attractive development that has a strong sense of place, yet becomes an integral part of the community.*
  - ii. *To create places oriented to the pedestrian that promote physical activity and social interaction, including but not limited to walkable neighborhoods, usable open space and recreational facilities for the enjoyment of all.*
  - iii. *To encourage a harmonious mix of land uses and a variety of housing types and prices.*
  - iv. *To preserve native vegetation, topographic and geological features, and environmentally sensitive areas.*
  - v. *To promote the economical development and efficient use of land, utilities, street improvements, drainage facilities, structures and other facilities.*
  - vi. *To encourage redevelopment of sites containing obsolete or inappropriate buildings or uses.*
  - vii. *To encourage a collaborative process among developers, neighboring property owners and residents, governmental bodies, and the community.*
2. *The proposed PUD and PUD Preliminary Plans conform to the requirements of the underlying zoning district or districts in which the PUD is located and to the applicable Design Review Standards contained in Chapter 17.06, except where:*

- A. *Conforming to the requirements would inhibit creative design that serves community goals, or*
  - B. *Conforming to the requirements would be impractical and the proposed PUD will provide benefits that outweigh those that would have been realized by conforming to the applicable requirements.*
3. *The proposed PUD conforms with the standards applicable to Special Uses (Section 17.04.330.C.2):*
- a. *Public convenience: The Special Use will serve the public convenience at the proposed location;*
  - b. *Sufficient infrastructure: That adequate utilities, access roads, drainage and/or necessary facilities have been, or are being, provided;*
  - c. *Effect on nearby property: 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 or impair property values within the neighborhood*
  - d. *Effect on development of surrounding property: That the establishment of the Special Use will not impede the normal and orderly development and improvement of the surrounding property for uses permitted in the district.*
  - e. *Effect on general welfare: That the establishment, maintenance or operation of the Special Use will not be detrimental to or endanger the public health, safety, comfort or general welfare.*
  - f. *Conformance with codes: That the proposed Special Use conforms to all applicable provisions of the St. Charles Municipal Code and meets or exceeds all applicable provisions of this title, except as may be varied pursuant to a Special Use for Planned Unit Development.*
4. *The proposed PUD will be beneficial to the physical development, diversity, tax base and economic well-being of the City; and*
5. *The proposed PUD conforms to the purposes and intent of the Comprehensive Plan.*

Responses to all criteria need not be in the affirmative to recommend approval of the PUD Amendment. The applicant has provided responses to the Criteria for PUDs as part of the application materials.

There are no findings of fact pertaining to PUD Preliminary Plans. Approval is subject to meeting the applicable standards of the Zoning Ordinance and PUD Ordinance, accounting for the requested PUD deviations.

#### **Recommendation Options:**

- a. **Recommend approval of the application for Special Use (PUD Amendment) and PUD Preliminary Plan** – Plan Commission may add additional conditions if deemed necessary by the Plan Commission to meet the PUD finding. A recommendation for approval of the PUD Preliminary Plan should be conditional upon resolution of staff comments prior to City Council action.

**OR**

- b. **Recommend denial of the application for Special Use (PUD Amendment) and PUD Preliminary Plan** – Plan Commission must substantiate how the PUD finding is not being met in order to recommend denial.

**VI. ATTACHMENTS**

- Applications for Special Use & PUD Preliminary Plan; received 2/2/2024
- Plans



## SPECIAL USE APPLICATION

(To request a Special Use or Amendment, or a Special Use for PUD or Amendment)

<b>For City Use</b>	
Project Name:	<u>Fox Haven Square - Stuart's Crossing PUD</u>
Project Number:	<u>2023</u> -PR- <u>011</u>
Cityview Project Number:	<u>PLSU202400005</u>



- File this application to request a Special Use for a property, or to request to amend an existing Special Use Ordinance for a property
- Complete the application and submit with all required attachments to the Community Development Division.
- The information you provide must be complete and accurate. If you have a question please contact the Community Development Division.
- City staff will review the submittal for completeness and for compliance with applicable requirements prior to establishing a public hearing date.

<b>1. Property Information:</b>	Location: 502 N Kirk Rd	
	Parcel Number (s): 09-25-178-002;09-25-178-003	
	Proposed Name: Fox Haven Square	
<b>2. Applicant Information:</b>	Name: Greco Investment Management LLC	Phone: 630-577-7156
	Address: 1307 Schiferl Rd Bartlett, IL 60103	Email: pat@gsifamily.com
<b>3. Record Owner Information:</b>	Name: <u>SVAP III Stuart's Crossing Small Shops LLC</u> <u>SVAP III Stuart's Crossing Vacant Lots LLC</u>	Phone: 323-289-6342
	Address: 302 Datura Street, Suite 100 West Palm Beach, FL 33401	Email: pwei@sterlingorganization.com



**4. Identify the Type of Application:**

- ☒ **Special Use for Planned Unit Development - PUD Name:** Stuart's Crossing
- ☐ New PUD
- ☒ Amendment to existing PUD- Ordinance #: 1997-M-115
- ☐ PUD Preliminary Plan filed concurrently
- ☐ **Other Special Use (from list in the Zoning Ordinance):**
- ☐ Newly established Special Use
- ☐ Amendment to an existing Special Use Ordinance #:

**5. Information Regarding Special Use:**

Comprehensive Plan designation of the property: Corridor/Regional Commercial

Is the property a designated Landmark or in a Historic District? No

What is the property's current zoning? BC Community Business District

What is the property currently used for? Vacant

If the proposed Special Use is approved, what improvements or construction are planned?

Construction of 16,150-sf, 19,500-sf, 14,250-sf, and 20,000-sf commercial retail buildings with parking lot and outdoor plaza and outdoor seating for community use.

**6. For Special Use Amendments only:**

Why is the proposed change necessary?

Proposed revisions are required due to the concept to maximize use of property and creating outdoor space for community use.

What are the proposed amendments? (Attach proposed language if necessary)

Building Coverage: Requesting amendment to deviate from BR standard of 30% to 22% with a FAR of 0.22; Kirk Road Parking/Paving Setback: Requesting amendment to revise PUD standard of 50 ft to 40 ft. Parking Spaces: Requesting amendment to allow for less required spaces per floor area. Variation to off-street parking requirements. ; Signage: updates as provided in applicaiton design packet.; Variations to required building foundation landscaping ; variations to requirements of the Design Review Standards

**Note for existing buildings:** If your project involves using an existing building, whether you plan to alter it or not, please contact the St. Charles Fire Department (630-377-4458) and the Building and Code Enforcement Division (630-377-4406) for information on building, life safety and other code requirements. Depending on the proposed use, size of structure and type of construction, these requirements can result in substantial costs.



**7. Required Attachments:**

*If multiple zoning or subdivision applications will be submitted concurrently, do not submit duplicate checklist items or plans. Fee must be paid for each application.*

*Provide 1 copy of each required item, unless otherwise noted.*

- ☒ **APPLICATION FEE:** Special Use for PUD: **\$1,000**  
All other Special Use requests: \$750
- ☒ **REIMBURSEMENT OF FEES AGREEMENT:** An original, executed Reimbursement of Fees Agreement and deposit of funds in escrow with the City, as provided by Appendix B of the Zoning Ordinance.
- ☒ **REIMBURSEMENT OF FEES INITIAL DEPOSIT:** Deposit of funds in escrow with the City. Required deposit is based on review items (number of applications filed) and the size of the subject property:

Number of Review Items	Under 5 Acres	5-15 Acres	16-75 Acres	Over 75 Acres
1	\$1,000	\$2,000	\$3,000	\$4,000
2 or 3	\$2,000	<b>\$4,000</b>	\$5,000	\$7,000
4 or more	\$3,000	\$5,000	\$7,000	\$10,000

- ☒ **PROOF OF OWNERSHIP:** a) A current title policy report; or  
b) A deed and a current title search

*NOTE: Private covenants and deed restrictions can limit private property rights with respect to the use of land even though the City's Zoning Ordinance may authorize the use or a less restrictive use. We strongly advise that you perform a title search on the property to determine if there any private covenants containing use restrictions or other deed restrictions. As those private covenants and deed restrictions may conflict with the City's Zoning Ordinance, it is further recommended that you consult with an attorney to obtain an opinion with respect to whether your intended use is compatible with those restrictions.*

- ☒ **OWNERSHIP DISCLOSURE:** Use the appropriate disclosure form (attached), if the owner or applicant is a Partnership, Corporation, Trust, or LLC.
- ☒ **LETTER OF AUTHORIZATION:** If the property owner is not the applicant, an original letter of authorization from the property owner permitting the applicant to file the zoning application with the City of St. Charles for the subject property.
- ☒ **LEGAL DESCRIPTION:** For entire subject property, on 8 1/2 x 11 inch paper and Microsoft Word file.
- ☒ **PLAT OF SURVEY:** A current plat of survey for the subject property showing all existing improvements on the property, prepared by a registered Illinois Professional Land Surveyor.
- ☒ **FINDINGS OF FACT:** Fill out the attached "Criteria for Planned Unit Developments (PUDs)" form for any PUD application and the "Findings of Fact – Special Use" form for all other Special Use applications.
- ☒ **LIST OF PROPERTY OWNERS WITHIN 250 FT.:** Fill out the attached form or submit on a separate sheet. The form or the list must be signed and notarized. Property ownership information may be obtained using Kane County's interactive GIS mapping tool: [http://gistech.countyofkane.org/gisims/kanemap/kanegis4\\_AGOx.html](http://gistech.countyofkane.org/gisims/kanemap/kanegis4_AGOx.html)
- ☒ **SOIL AND WATER CONSERVATION DISTRICT LAND USE OPINION APPLICATION:** As required by State law, submit a Land Use Opinion application and required fee directly to the Kane-DuPage Soil and Water Conservation District. Provide a copy of completed Land Use Opinion application to the City. The Land Use Opinion application can be found on the Kane-DuPage SWCD website: <http://www.kanedupageswcd.org/>

- ☒ **ENDANGERED SPECIES REPORT:** As required by State law, file an Endangered Species Consultation Agency Action with the Illinois Department of Natural Resources. Provide a copy of the report to the City. The online Ecological Compliance Assessment Tool (EcoCAT) should be utilized: <https://dnr2.illinois.gov/EcoPublic/>
- ☐ **TRAFFIC STUDY:** If applicable. Staff will advise you whether a traffic study is recommended based on the project. Regardless, the Plan Commission or City Council may request a traffic study as a part of the review process.
- ☐ **PLANS:** All required plans shall be drawn on sheets no larger than 24" x 36", unless the Director of Community Development permits a larger size when necessary to show a more comprehensive view of the project. All required plans shall show north arrow and scale, and shall be drawn at the same scale (except that a different scale may be used to show details or specific features). All plans shall include the name of the project, developer or owner of site, person or firm preparing the plan, and the date of plan preparation and all revisions.

**Copies:** Ten (10) full size copies, one (1) 11" by 17", and PDF electronic file emailed to: [cd@stcharlesil.gov](mailto:cd@stcharlesil.gov)

**Site Plan or plans shall show the following information:**

1. Accurate boundary lines with dimensions
2. Streets on and adjacent to the tract: Name and right-of-way width
3. Location, size, shape, height, and use of existing and proposed structures
4. Location and description of streets, sidewalks, and fences
5. Surrounding land uses
6. Date, north point, and scale
7. Ground elevation contour lines
8. Building/use setback lines
9. Location of any significant natural features
10. Location of any 100-year recurrence interval floodplain and floodway boundaries
11. Location and classification of wetland areas as delineated in the National Wetlands Inventory
12. Existing zoning classification of property
13. Existing and proposed land use
14. Area of property in square feet and acres
15. Proposed off-street parking and loading areas
16. Number of parking spaces provided, and number required by ordinance
17. Angle of parking spaces
18. Parking space dimensions and aisle widths
19. Driveway radii at the street curb line
20. Width of driveways at sidewalk and street curb line
21. Provision of handicapped parking spaces
22. Dimensions of handicapped parking spaces
23. Depressed ramps available to handicapped parking spaces
24. Location, dimensions and elevations of freestanding signs
25. Location and elevations of trash enclosures
26. Provision for required screening, if applicable
27. Exterior lighting plans showing:
  - a. Location, height, intensity and fixture type of all proposed exterior lighting
  - b. Photometric information pertaining to locations of proposed lighting fixtures

**(Note- For a Special Use for PUD, submit PUD Preliminary Plan Application In lieu of Site Plan)**

**I (we) certify that this application and the documents submitted with it are true and correct to the best of my (our) knowledge and belief.**

Record Owner 2-1-24  
Applicant/Authorized Agent Date  
2/2/24  
Applicant/Authorized Agent Date  
RECORD OWNER

**OWNERSHIP DISCLOSURE FORM  
LIMITED LIABILITY COMPANY (L.L.C.)**

STATE OF ILLINOIS     )  
                                      ) SS.  
KANE COUNTY            )

I, Pat Greco, being first duly sworn on oath depose and say that I am  
Manager of GSI Family Greco Investment Management LLC, an Illinois Limited Liability  
Company (L.L.C.), and that the following persons are all of the members of the said L.L.C.:

<u>Greco PG Five LLC</u>	_____
<u>Greco EG Three LLC</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

By: , Manager

Subscribed and Sworn before me this 25th day of  
January, 2024



Notary Public





OWNERSHIP DISCLOSURE FORM  
LIMITED LIABILITY COMPANY (L.L.C.)

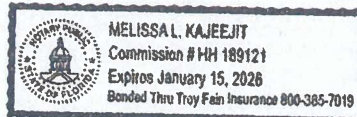
Florida )  
STATE OF ~~ILLINOIS~~ )  
Palm Beach ) SS.  
KANE COUNTY )

I, Brian Fried, being first duly sworn on oath depose and say that I am  
Manager of SVAP III Stuarts Crossing, LLC, Delaware  
SVAP III Stuarts Crossing Small Shops, LLC, an ~~Illinois~~ Limited Liability  
SVAP III Stuarts Crossing Vacant Lot, LLC  
Company (L.L.C.), and that the following persons are all of the members of the said L.L.C.:

Sterling Value Add Investments III, LLC, a Delaware  
limited liability company, its sole Member

By: [Signature], Manager

Subscribed and Sworn before me this 1<sup>st</sup> day of  
February, 20 24.



[Signature]  
Notary Public

**SVAP III Stuarts Crossing, LLC  
SVAP III Stuarts Crossing Small Shops, LLC  
SVAP III Stuarts Crossing Vacant Lot, LLC  
c/o Sterling Retail Services, Inc.**

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February 1, 2024

To Whom It May Concern:

On behalf of the ownership, this letter shall serve as an authorization for Greco Investment Management, LLC and its affiliates to file for Special Use and PUD Preliminary Plan approval with the City of St. Charles for the subject parcels (tax ID #09-25-178-002 and #09-25-178-003).

Sincerely,

---

Name: Jordan Fried  
Title: Vice President

---

302 Datura Street, Suite 100, West Palm Beach, Florida 33401

Telephone: (561) 835-1810

# WARE MALCOMB

ARCHITECTURE  
PLANNING  
INTERIORS

CIVIL ENGINEERING  
BRANDING  
BUILDING MEASUREMENT

May 1, 2024

**Ms. Ellen Johnson**

City of St. Charles - Community Development Department  
Two East Main Street  
St. Charles, IL 60174  
[ejohnson@stcharlesil.gov](mailto:ejohnson@stcharlesil.gov)

**Application for Completeness Review for Fox Haven Square**

Dear Ms. Johnson,

We are in receipt of your email review dated April 30th, 2024 which highlighted items needed to amend the previously submitted application for the Special Use and PUD Amendment for the Fox Haven Square project within the Stuart's Crossing PUD in St. Charles, IL. This letter is intended to outline the following requested variances to the planning and zoning standards:

1. We are requesting to reduce the parking setback along Kirk Rd. to under 50 ft. According to the staff report dated September 6<sup>th</sup>, 2023, a 50 ft. setback is consistent with the Jewel property, a reduced setback could be appropriate if the setback is sufficiently landscaped.
2. The proposed number of parking spaces has been reduced to a total below the current PUD parking requirement. The required parking is being satisfied by the shared parking between adjacent uses. Current parking codes allow Shared Parking calculations based on hours of operations.
3. Building façade mounted signage and new ground sign conceptual designs are included
4. We are requesting a variance on PUD required building foundation landscaping however have added to other areas of the site to offset these totals.
5. We request a variance to the Design Review Standards for Building #4 elevations.

We are very excited to bring this fantastic vision to fruition in St. Charles. If you have any questions or comments we will happily be available to discuss further.

Best regards,

**Ware Malcomb**



Jason Golub, AIA  
Regional Director

## CRITERIA FOR PLANNED UNIT DEVELOPMENTS (PUDs)

**\*Use this form for PUD or PUD Amendment applications\***

*The St. Charles Zoning Ordinance requires the Plan Commission to consider the criteria listed below in making a recommendation to the City Council on whether the proposed Planned Unit Development is in the public interest. As the applicant, the "burden of proof" is on you to provide information that addresses the criteria below in order to demonstrate that the project is in the public interest.*

**PUD Name:** Stuarts Crossing/Fox Haven Square

**From the St. Charles Zoning Ordinance, Section 17.04.410.3:**

The Plan Commission shall not favorably recommend, and the City Council shall not approve, a Special Use for a PUD or an amendment to a Special Use for a PUD unless they each make findings of fact based on the application and the evidence presented at the public hearing that the PUD is in the public interest, based on the following criteria:

**i. The proposed PUD advances one or more of the purposes of the Planned Unit Development procedure stated in Section 17.04.400.A:**

1. To promote a creative approach to site improvements and building design that results in a distinctive, attractive development that has a strong sense of place, yet becomes an integral part of the community.
2. To create places oriented to the pedestrian that promote physical activity and social interaction, including but not limited to walkable neighborhoods, usable open space and recreational facilities for the enjoyment of all.
3. To encourage a harmonious mix of land uses and a variety of housing types and prices.
4. To preserve native vegetation, topographic and geological features, and environmentally sensitive areas.
5. To promote the economical development and efficient use of land, utilities, street improvements, drainage facilities, structures and other facilities.
6. To encourage redevelopment of sites containing obsolete or inappropriate buildings or uses.
7. To encourage a collaborative process among developers, neighboring property owners and residents, governmental bodies and the community

The site improvements are proposed on vacant land which is under utilized in a highly commercial area of the City. These buildings and improvements will attract additional businesses and serve the City and surrounding communities. There is a proposed outdoor plaza and seating area which will promote social interaction. In addition, the increased consumer traffic will improve the accessibility to existing businesses in the area, bringing in increased activity and revenue to the City.



ii. The proposed PUD and PUD Preliminary Plans conform to the requirements of the underlying zoning district or districts in which the PUD is located and to the applicable Design Review Standards contained in Chapter 17.06, except where:

- A. Conforming to the requirements would inhibit creative design that serves community goals, or
- B. Conforming to the requirements would be impractical and the proposed PUD will provide benefits that outweigh those that would have been realized by conforming to the applicable requirements.

Factors listed in Section 17.04.400.B shall be used to justify the relief from requirements:

1. The PUD will provide community amenities beyond those required by ordinance, such as recreational facilities, public plazas, gardens, public art, pedestrian and transit facilities.
2. The PUD will preserve open space, natural beauty and critical environmental areas in excess of what is required by ordinance or other regulation.
3. The PUD will provide superior landscaping, buffering or screening.
4. The buildings within the PUD offer high quality architectural design.
5. The PUD provides for energy efficient building and site design.
6. The PUD provides for the use of innovative stormwater management techniques.
7. The PUD provides accessible dwelling units in numbers or with features beyond what is required by the Americans with Disabilities Act (ADA) or other applicable codes.
8. The PUD provides affordable dwelling units in conformance with, or in excess of, City policies and ordinances.
9. The PUD preserves historic buildings, sites or neighborhoods.

The amendment to the PUD will provide additional community amenities in the form of an outdoor plaza/seating area which will promote increased social interaction. Proposed landscaping will provide natural feels and proposed permeable pavers within the parking lot promote positive stormwater management techniques.

iii. The proposed PUD conforms with the standards applicable to Special Uses (Section 17.04.330.C.2):

**A. Public Convenience: The Special Use will serve the public convenience at the proposed location.**

The site is surrounded by existing commercial retail which is currently serving the public. The improvements will increase public usage and convenience.

**B. Sufficient Infrastructure: That adequate utilities, access roads, drainage and/or necessary utilities have been, or are being, provided.**

The project site was originally part of the Stuart's Crossing PUD, which provided detention and infrastructure for future development.

**C. Effect on Nearby Property: 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 or impair property values within the neighborhood.**

The site is surrounded by existing commercial retail. The proposed commercial buildings will not impact the surrounding businesses in a negative way.

**D. Effect on Development of Surrounding Property: That the establishment of the Special Use will not impede the normal and orderly development and improvement of the surrounding property for uses permitted in the district.**

The site is surrounded by existing commercial retail, therefore will not impede on normal and orderly development of the surrounding property

- E. Effect on General Welfare: That the establishment, maintenance or operation of the Special Use will not be detrimental to or endanger the public health, safety, comfort or general welfare.**

The site is within an existing commercial area, therefore will not change the demographics of the surrounding businesses and will not be detrimental to the public

- F. Conformance with Codes: That the proposed Special Use conforms to all applicable provisions of the St. Charles Municipal Code and meets or exceeds all applicable provisions of this Title, except as may be varied pursuant to a Special Use for Planned Unit Development.**

The development will conform to existing and approved provisions as applicable to the existing PUD and the City codes.

- iv. The proposed PUD will be beneficial to the physical development, diversity, tax base and economic well-being of the City.**

The proposed development will utilize vacant space to attract additional businesses which can be accessed by the City and surrounding communities. This will attract consumers and bring additional revenue to the City.

- v. The proposed PUD conforms to the purposes and intent of the Comprehensive Plan.**

The proposed commercial retail development is within an existing commercial area of the City, therefore will not impact the purpose and intent of the Comprehensive Plan.



## PUD PRELIMINARY PLAN APPLICATION

### For City Use

Project Name: Fox Haven Square - Stuart's Crossing PUD  
Project Number: 2023 -PR- 011  
Cityview Project Number: PLPUD202400006

Received Date

**RECEIVED**

**FEB 02 2024**

City of St. Charles  
Community Development

- File this application to request approval of a PUD Preliminary Plan. Normally, this application is reviewed concurrently with an application for Special Use for PUD, unless a Special Use for PUD has previously been granted and no amendment is necessary.
- Complete the application and submit with all required attachments to the Community Development Division.
- The information you provide must be complete and accurate. If you have any questions please contact the Community Development Division.
- City staff will review the submittal for completeness and for compliance with applicable requirements. Staff will distribute the plans to other City departments for review when the application is complete.
- The PUD Preliminary Plan will be scheduled for Plan Commission review when staff has determined the plans are ready.

<b>1. Property Information:</b>	Location: 502 N Kirk Rd	
	Parcel Number (s): 09-25-178-002;09-25-178-003	
	Proposed PUD Name: Fox Haven Square	
<b>2. Applicant Information:</b>	Name: <u>Investment Greco Investment Management LLC</u>	Phone: 630-577-7156
	Address: 1307 Schiferl Rd Bartlett, IL 60103	Email: pat@gsifamily.com
<b>3. Record Owner Information:</b>	Name: <u>SVAP III Stuart's Crossing Small Shores LLC</u> <u>SVAP III Stuart's Crossing Vacant Lot LLC</u>	Phone: 323-289-6342
	Address: 302 Datura Street, Suite 100 West Palm Beach, FL 33401	Email: pwei@sterlingorganization.com

**4. Identify the Type of Application:**

- ☐ New proposed Planned Unit Development (PUD) – *Special Use Application to be filed concurrently*
- ☒ Existing Planned Unit Development (PUD)
- ☒ PUD Amendment required for proposed plan – *Special Use Application to be filed concurrently*

**Subdivision:**

- ☒ Proposed lot has already been platted and a new subdivision is not required.
- ☐ New subdivision of property is required:
- ☐ Final Plat of Subdivision Application filed concurrently
- ☐ Final Plat of Subdivision Application to be filed later

**5. Required Attachments:**

*If multiple zoning or subdivision applications will be submitted concurrently, do not submit duplicate checklist items or plans. Fee must be paid for each application.*

*Submit 1 copy of each required item, unless otherwise noted.*

- ☒ APPLICATION FEE: **\$500**
- ☐ REIMBURSEMENT OF FEES AGREEMENT: An original, executed Reimbursement of Fees Agreement and deposit of funds in escrow with the City, as provided by Appendix B of the Zoning Ordinance.
- ☐ REIMBURSEMENT OF FEES INITIAL DEPOSIT: Deposit of funds in escrow with the City. Required deposit is based on review items (number of applications filed) and the size of the subject property:

Number of Review Items	Under 5 Acres	5-15 Acres	16-75 Acres	Over 75 Acres
1	\$1,000	\$2,000	\$3,000	\$4,000
2 or 3	\$2,000	\$4,000	\$5,000	\$7,000
4 or more	\$3,000	\$5,000	\$7,000	\$10,000

- ☐ PROOF OF OWNERSHIP: a) A current title policy report; or  
b) A deed and a current title search

*NOTE: Private covenants and deed restrictions can limit private property rights with respect to the use of land even though the City's Zoning Ordinance may authorize the use or a less restrictive use. We strongly advise that you perform a title search on the property to determine if there are any private covenants containing use restrictions or other deed restrictions. As those private covenants and deed restrictions may conflict with the City's Zoning Ordinance, it is further recommended that you consult with an attorney to obtain an opinion with respect to whether your intended use is compatible with those restrictions.*

- ☐ OWNERSHIP DISCLOSURE: Use the appropriate disclosure form (attached), if the owner or applicant is a Partnership, Corporation, Trust, or LLC.
- ☐ LETTER OF AUTHORIZATION: If the property owner is not the applicant, an original letter of authorization from the property owner permitting the applicant to file the zoning application with the City of St. Charles for the subject property.
- ☐ LEGAL DESCRIPTION: For entire subject property, on 8 1/2 x 11 inch paper and Microsoft Word file.
- ☐ PLAT OF SURVEY: A current plat of survey for the subject property showing all existing improvements on the property, prepared by a registered Illinois Professional Land Surveyor.

- ☐ **SOIL AND WATER CONSERVATION DISTRICT LAND USE OPINION APPLICATION:** As required by State law, submit a Land Use Opinion application and required fee directly to the Kane-DuPage Soil and Water Conservation District. Provide a copy of completed Land Use Opinion application to the City. The Land Use Opinion application can be found on the Kane-DuPage SWCD website: <http://www.kanedupageswcd.org/>
- ☐ **ENDANGERED SPECIES REPORT:** As required by State law, file an Endangered Species Consultation Agency Action with the Illinois Department of Natural Resources. Provide a copy of the report to the City. The online Ecological Compliance Assessment Tool (EcoCAT) should be utilized: <https://dnr2.illinois.gov/EcoPublic/>
- ☒ **STORMWATER MANAGEMENT:** Written information as described in the Stormwater Management Requirements for Preliminary Plans (attached).
- ☒ **PUBLIC BENEFITS, DEPARTURES FROM CODE:** A written statement describing how the PUD meets the purposes and requirements established in Section 17.04.400 of the Zoning Ordinance. List any requests for deviations (departures) from the requirements of Title 16 "Subdivisions and Land Improvement" and Title 17 "Zoning" and provide a rationale for each requested deviation.
- ☒ **CONSTRUCTION SCHEDULE:** Indicate the following:
- Phases in which the project will be built with emphasis on area, density, use and public facilities, such as open space, to be developed with each phase. Overall design of each phase shall be shown on the Plat of Subdivision and through supporting material.
  - Approximate dates for beginning and completion of each phase.
- ☐ **PARK AND SCHOOL LAND/CASH WORKSHEETS:** *For residential developments only.* Use the attached worksheet to calculate the estimated population and student yields and resulting land/cash contributions in accordance with Title 16 of the St. Charles Municipal Code.
- ☐ **INCLUSIONARY HOUSING WORKSHEET:** *For residential developments only.* Use the attached worksheet to calculate the affordable unit requirement and indicate how the development will comply with Title 19 of the St. Charles Municipal Code.

**PLANS:** All required plans shall be drawn on sheets no larger than 24" x 36", unless the Director of Community Development permits a larger size when necessary to show a more comprehensive view of the project. All required plans shall show north arrow and scale, and shall be drawn at the same scale (except that a different scale may be used to show details or specific features). All plans shall include the name of the project, developer or owner of site, person or firm preparing the plan, and the date of plan preparation and all revisions.

**Copies:** Ten (10) full size copies, one (1) 11" by 17", and PDF electronic file emailed to: [cd@stcharlesil.gov](mailto:cd@stcharlesil.gov)

- ☐ **PRELIMINARY PLAT OF SUBDIVISION / DRAWING REQUIREMENTS CHECKLIST:** If the PUD Preliminary Plan involves the subdivision of land, submit a Preliminary Plat of Subdivision that includes the information listed on the Subdivision Plat Drawing Requirements Checklist. Also submit a completed Subdivision Plat Drawing Requirements Checklist (attached).
- ☒ **PRELIMINARY ENGINEERING PLANS / DRAWING REQUIREMENTS CHECKLIST:** Plans shall include the following information. Also submit a completed Drawing Requirements Checklist- Preliminary Engineering Plans.
1. Accurate boundary lines with dimensions
  2. Existing and proposed easements: location, width, purpose
  3. Streets on and adjacent to the tract: Name and right-of-way width, center line elevation, and culverts
  4. Location, size, shape, height, and use of existing and proposed structures



5. Location and description of streets, sidewalks, and fences
6. Surrounding land uses
7. Legal and common description
8. Date, north point, and scale
9. Existing and proposed topography
10. All parcels of land intended to be dedicated for public use or reserved for the use of all property owners with the proposal indicated
11. Location of utilities
12. Building/use setback lines
13. Location of any significant natural features
14. Location of any 100-year recurrence interval floodplain and floodway boundaries
15. Location and classification of wetland areas as delineated in the National Wetlands Inventory
16. Existing zoning classification of property
17. Existing and proposed land use
18. Area of property in square feet and acres
19. Proposed off-street parking and loading areas
20. Number of parking spaces provided, and number required by ordinance
21. Angle of parking spaces
22. Parking space dimensions and aisle widths
23. Driveway radii at the street curb line
24. Width of driveways at sidewalk and street curb line
25. Provision of handicapped parking spaces
26. Dimensions of handicapped parking spaces
27. Depressed ramps available to handicapped parking spaces
28. Location, dimensions and elevations of freestanding signs
29. Location and elevations of trash enclosures
30. Provision for required screening, if applicable
31. Provision for required public sidewalks
32. Certification of site plan by a registered land surveyor or professional engineer
33. Geometric plan showing all necessary geometric data required for accurate layout of the site
34. Grading plans showing paving design, all storm sewers, and detention/retention facilities including detention/retention calculations) and erosion control measures
35. Utility plans showing all storm sewers, sanitary sewers, watermain, and appropriate appurtenant structures
36. Exterior lighting plans showing:
  - Location, height, intensity and fixture type of all proposed exterior lighting
  - Photometric information pertaining to locations of proposed lighting fixtures
37. Typical construction details and specifications
38. Certification of site engineering plans by a registered professional engineer
39. Proof of application for Stormwater Management Permit

☒ **ARCHITECTURAL PLANS:** Architectural plans and data for all principal buildings with sufficient detail to permit an understanding of the exterior appearance and architectural style of the proposed buildings, the number, size and type of dwelling units, the proposed uses of nonresidential and mixed-use buildings, total floor area and total building coverage of each building.

☐ **TREE PRESERVATION PLAN:** When required, in accordance with Ch. 8.30 of the St. Charles Municipal Code (see attached "Tree Preservation Requirements for Preliminary Plans". This information may be included as part of the Landscape Plan set.


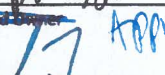

☒ **LANDSCAPE PLAN:** Landscape Plan showing the following information:

- Delineation of the buildings, structures, and paved surfaces situated on the site and/or contemplated to be built thereon
- Delineation of all areas to be graded and limits of land disturbance, including proposed contours as shown on the Site/Engineering Plan.
- Accurate property boundary lines
- Accurate location of proposed structures and other improvements, including paved areas, berms, lights, retention and detention areas, and landscaping
- Site area proposed to be landscaped in square feet and as a percentage of the total site area
- Percent of landscaped area provided as per code requirement
- Dimensions of landscape islands
- Setbacks of proposed impervious surfaces from property lines, street rights-of-way, and private drives
- Location and identification of all planting beds and plant materials
- Planting list including species of all plants, installation size (caliper, height, or spread as appropriate) and quantity of plants by species
- Landscaping of ground signs and screening of dumpsters and other equipment

☐ **SKETCH PLAN FOR LATER PHASES OF PUD:** For phased PUDs only, submit a plan that shows, at minimum, the following:

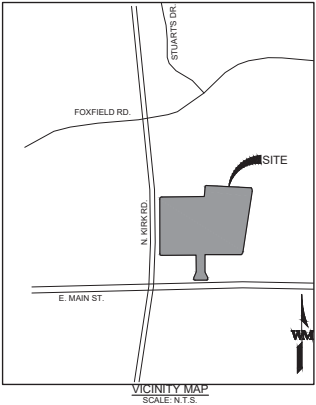
- General location of arterial and collector streets
- Location of any required landscape buffers
- Location of proposed access to the site from public streets
- Maximum number of square feet of floor area for nonresidential development
- Maximum number of dwelling units for residential development
- Open space and storm water management land

I (we) certify that this application and the documents submitted with it are true and correct to the best of my (our) knowledge and belief.

  
 Record Owner \_\_\_\_\_ Date 2-1-24  
  
 Applicant/Authorized Agent \_\_\_\_\_ Date 2/2/24  
  
 Record Owner \_\_\_\_\_ Date \_\_\_\_\_



PRELIMINARY ENGINEERING PLANS  
FOX HAVEN SQUARE  
502 N. KIRK RD.  
ST. CHARLES, IL 60174



SHEET INDEX	
SHEET NUMBER	Sheet Description
1	C1.0-COVER SHEET
2	C1.1-GENERAL NOTES
3	C2.0-EXISTING CONDITIONS & DEMOLITION
4	C3.0-PRELIMINARY SITE PLAN
5	C4.0-PRELIMINARY GRADING PLAN
6	C5.0-PRELIMINARY EROSION CONTROL
7	C6.0-PRELIMINARY DRAINAGE PLAN
8	C7.0-PRELIMINARY UTILITY PLAN

AGENCY CONTACT LIST

**OWNER/DEVELOPER**  
GSI FAMILY INVESTMENTS  
OF AZ, LLC  
1307 SCHIFFER ROAD  
BARTLETT, IL 60103  
CONTACT: EDDIE GRECO

**CIVIL ENGINEER**  
WARE MALCOMB  
1315 22ND ST #410  
OAK BROOK, IL 60523  
630.218.0063  
CONTACT: JON GRZYWA

**ARCHITECT**  
WARE MALCOMB  
1315 22ND ST #410  
OAK BROOK, IL 60523  
630.218.0063

PROJECT BENCHMARK

TBM #1	TBM #2
NORTHING: 1914551.22'	NORTHING: 1914454.48'
EASTING: 1000550.93'	EASTING: 1000115.86'
ELEVATION: 782.95'	ELEVATION: 782.82'
CF: 0.99994308	CF: 0.99994308

VALUES SHOWN HEREON ARE FROM NGS OPUS  
SOLUTION REPORTS GENERATED FROM STATIC GPS  
OBSERVATIONS, PERFORMED ON BOTH TEMPORARY  
BENCHMARKS.  
DATE OF OBSERVATION: 10/24/2023  
HORIZONTAL DATUM: SPCS83 (1201 IL E)  
VERTICAL DATUM: NAVD83 (GEOID18)

BASIS OF BEARINGS

BEARINGS SHOWN HEREON ARE BASED ON STATE PLANE  
COORDINATES (1201 IL E), AS DETAILED IN NGS OPUS  
SOLUTION REPORTS FOR TBM #1 & TBM #2.

LEGAL DESCRIPTION

THE FOLLOWING LOT LOCATED IN ST. CHARLES, KANE  
COUNTY, ILLINOIS:

PARCEL 1:  
LOT 4 IN STUART'S CROSSING RETAIL, BEING A  
SUBDIVISION OF PART OF THE NORTHWEST 1/4 OF  
SECTION 25, TOWNSHIP 40 NORTH, RANGE 8, EAST OF  
THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE  
PLAT RECORDED SEPTEMBER 15, 1998 AS DOCUMENT  
98K083752, IN KANE COUNTY, ILLINOIS.

PARCEL 2:  
RIGHTS FOR BENEFIT OF PARCEL 1 CREATED BY AND  
GRANTED IN THE CONSTRUCTION, OPERATION AND  
RECIPROCAL EASEMENT AGREEMENT ("REA") RECORDED  
SEPTEMBER 11, 1998 AS DOCUMENT 98K083752 FOR THE  
PURPOSE OF (1) PARKING OF PASSENGER VEHICLES (2)  
VEHICULAR AND PEDESTRIAN PASSAGE (3) CONNECTION  
WITH AND USE OF WATER, SANITARY AND STORM  
WATER, TELEPHONE, ELECTRIC LINES, CONDUITS,  
TRANSMISSION AND OTHER SIMILAR UTILITY FACILITIES  
AND (4) DRAINAGE OF STORM WATER.

SURVEY INFORMATION

THESE PLANS AND THE ABOVE INFORMATION ARE BASED  
ON A PRELIMINARY SURVEY BY AMERICAN SURVEYING &  
MAPPING, INC. PROVIDED TO WARE MALCOMB ON  
11/02/2023.



WARE MALCOMB assumes no responsibility for utility locations.  
The utilities shown on this drawing have been plotted from the  
best available information. It is, however, the contractor's  
responsibility to field verify the location of all utilities prior to the  
commencement of any construction.

ABBREVIATIONS			
AB	AGGREGATE BASE	OC	ON CENTER
AC	ASPHALT CONCRETE	PB	PULL BOX
BFV	BACK FLOW VALVE	PCC	PORTLAND CEMENT CONCRETE
CF	CURB FACE	PLR	PROPERTY LINE
CLR	CENTERLINE	PVC	POLYVINYL CHLORIDE PIPE
CO	CLEANOUT	R	RADIUS
DF	DEEPENED FOOTING	(RAD)	RADIAL BEARING
DIP	DUCTILE IRON PIPE	RCP	REINFORCED CONCRETE PIPE
EG	EXISTING GRADE	R/W, ROW	RIGHT OF WAY
EL	ELEVATION	SDSTRM	STORM DRAIN
EOA	EDGE OF ASPHALT	STA	STATION
ESMT	EASEMENT	SS/SAN	SANITARY SEWER
EX	EXISTING	TG	TOP OF GRATE
FDC	FIRE DEPARTMENT CONNECTION	SW	SIDE WALK
FES	FLARED END SECTION	TBC	TOP BACK OF CURB
FG	FINISHED GRADE	TI	TOP FACE OF INLET
FH	FIRE HYDRANT	TC	TOP OF CURB
FFFFE	FINISH FLOOR ELEVATION	TOP	TOP OF PIPE
FG	FINISHED GRADE	TOW	TOP OF WALL
FGW	FINISH GRADE AT WALL	TYP	TYPICAL
FLR	FLOW LINE	VIF	VERIFY IN FIELD
FS	FINISHED SURFACE	WM	WATER METER
GB	GRADE BREAK	WSEL	WATER SURFACE ELEVATION
GBW	GRADE AT BOTTOM OF WALL	WV	WATER VALVE
GTW	GRADE AT TOP OF WALL		
GM	GAS METER		
GV	GAS VALVE		
HP	HIGH POINT		
LP	LOW POINT		
INV	INVERT		
LF	LINEAR FEET		
ME	MATCH EXISTING		
MH	MANHOLE		
NG	NATURAL GROUND		

**WARE MALCOMB**  
LEADING DESIGN FOR COMMERCIAL REAL ESTATE

1315 22nd Street  
Suite 410  
Oak Brook, IL 60523  
p 630.218.0063  
waremalcomb.com

FOR AND ON BEHALF  
OF WARE MALCOMB

FOX HAVEN SQUARE  
PRELIMINARY ENGINEERING  
502 N KIRK RD.  
ST. CHARLES, IL 60174

COVER SHEET

NO. DATE

JOB NO.:	CH23-0124
PA / PM:	J. GRZYWA
DESIGNED:	T. SNOW
DATE:	1-19-24
PLOT DATE:	04/18/24

SHEET  
**C1.0**  
Sheet 1 of 8

WM NOTES: GENERAL NOTES

- ELEVATIONS ARE U.S.G.S DATUM.
- DO NOT SCALE DRAWINGS.
- THE CITY OF ST. CHARLES STANDARDS SUPERCEDE ALL OTHERS. THE CONTRACTOR SHALL NOTIFY THE CITY A MINIMUM OF 48 HOURS PRIOR ANY INSPECTION.
- THE CONTRACTOR SHALL EXAMINE THE PLANS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK, AND INFORM HIMSELF FULLY WITH THE WORK INVOLVED, GENERAL AND LOCAL CONDITIONS, ALL FEDERAL, STATE AND LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS AND ALL OTHER PERTINENT ITEMS WHICH MAY AFFECT THE COST AND TIME OF COMPLETION OF THIS PROJECT BEFORE SUBMITTING A PROPOSAL. PERMITS AND LICENSES OF A TEMPORARY NATURE NECESSARY FOR THE PROSECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR.
- THE CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO THE START OF WORK. ANY DISCREPANCIES FOUND SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER AND NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND A RESPONSE PROVIDED BY THE ENGINEER.
- THE ACCURACY AND COMPLETE INCLUSION OF THE LOCATIONS OF EXISTING UTILITIES IS NOT GUARANTEED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PRIVATE AND PUBLIC UTILITIES EVEN IF THEY ARE NOT SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER, OWNER, AND UTILITY OWNER, BY THE CONTRACTOR AT HIS OWN EXPENSE.
- OPEN EXCAVATION WITHIN THE PAVEMENT OR PARKWAY SHALL NOT BE LEFT OVER A WEEKEND, HOLIDAY, OR AFTER 3 P.M. ON THE DAY PRECEDING A WEEKEND OR HOLIDAY, OR ANY TIME THE EXCAVATION CANNOT BE SUPERVISED AND SECURED TO THE SATISFACTION OF THE ENGINEER AND AUTHORITY HAVING JURISDICTION.
- THE CONTRACTOR SHALL RESTORE ANY AREA DISTURBED TO A CONDITION EQUAL TO OR BETTER THAN ITS ORIGINAL USE. THIS SHALL INCLUDE FINISH GRADING, ESTABLISHMENT OF A VEGETATIVE COVER (SEEDING OR SOO) AND GENERAL CLEANUP. THE CONTRACTOR SHALL NOT EXCAVATE OR DISTURB BEYOND PROPERTY LINE BOUNDARIES, UNLESS OTHERWISE NOTED.
- ALL LOT IRONS DAMAGED OR REMOVED DURING CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED BY THE ENGINEER AND SAID COST OF REPLACEMENT SHALL BE PAID BY THE CONTRACTOR.
- ALL SITE IMPROVEMENTS, INCLUDING STORM WATER DRAINAGE (BUT NOT WATER MAIN AND SANITARY SEWER) SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION," ADOPTED JAN. 1, 2022 WITH ALL SUBSEQUENT SUPPLEMENTS, AND LOCAL JURISDICTIONAL REQUIREMENTS. IN CASE OF CONFLICT, THE LATTER SHALL TAKE PRECEDENCE.
- ALL SEWER AND WATER MAIN CONSTRUCTION SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS," LATEST EDITION, UNLESS OTHERWISE NOTED.
- ALL MANHOLES AND VALVE VAULTS SHALL HAVE "SANITARY," STORM OR "WATER," CAST INTO THE CAST IRON LIDS, AS APPROPRIATE.
- ALL SEWERS AND WATER MAINS WHICH FALL WITHIN THREE FEET OF EXISTING OR PROPOSED PAVED AREAS SHALL BE BACKFILLED WITH AGGREGATE C-8 OR OTHER APPROVED GRANULAR MATERIAL. THE GRAVEL SHALL EXTEND A DISTANCE OF 2'-0" BEYOND THE PAVEMENT AND EXTEND DOWN FROM THAT POINT AT A 1:1 SLOPE, AWAY FROM THE PAVEMENT.
- "BAND-SEAL" CONNECTORS, OR EQUAL, SHALL BE USED TO JOIN PIPES OF DISSIMILAR MATERIALS.
- ALL NEW AND EXISTING STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION OF THE WORK. ADJUSTMENTS UPWARD SHALL BE MADE USING PRECAST CONCRETE ADJUSTMENT RINGS, BUT NO MORE THAN 4" OF RINGS SHALL BE USED. IF THE TOTAL HEIGHT OF ALL ADJUSTMENTS EXCEEDS 8", THEN ADJUSTMENTS SHALL BE MADE BY INTERCHANGING AND/OR ADDING/REMOVING COMPLETE BARREL SECTIONS TO ACHIEVE DESIRED ELEVATIONS.
- WHENEVER A SEWER CROSSES UNDER A WATER MAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATER MAIN SHALL BE 18" INCHES. A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN ALL SEWERS AND SERVICES AND WATER MAINS SHALL BE MAINTAINED UNLESS THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION, OR THE SEWER IS LAID IN A TRENCH WITH THE WATER MAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH KEEPING A MINIMUM OF 18" VERTICAL SEPARATION, IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THEN WITHIN A DISTANCE OF 10 FEET ON EITHER SIDE OF THE WATER MAIN, THE SEWER PIPE SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
- PERMITS AND LICENSES OF A TEMPORARY NATURE NECESSARY FOR THE PROSECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR. PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR SHALL CALL THE ATTENTION OF THE ENGINEER TO ANY MATERIAL OR EQUIPMENT HE DEEMS INADEQUATE FOR ANY TYPE OF WORK CONTAINED HEREIN.
- THE CONTRACTOR WILL HAVE IN HIS POSSESSION, ON THE JOB SITE, A COPY OF THE PLANS AND SPECIFICATIONS PRIOR TO BEGINNING WORK.
- A LICENSED WELL DRILLER SHALL CAP ALL WELLS IN ACCORDANCE WITH STATE AND COUNTY REGULATIONS. CERTIFICATES SHALL BE FURNISHED, SUBMITTED AND APPROVED BY THE APPROPRIATE HEALTH DEPARTMENT PRIOR TO ACCEPTANCE OF THE WORK.

WM NOTES: PAVEMENT & CONCRETE CONSTRUCTION NOTES

- ALL SITE IMPROVEMENTS, INCLUDING STORM WATER DRAINAGE (BUT NOT WATER MAIN AND SANITARY SEWER) SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION," ADOPTED JAN. 1, 2022 WITH ALL SUBSEQUENT SUPPLEMENTS, AND LOCAL JURISDICTIONAL REQUIREMENTS. IN CASE OF CONFLICT, THE LATTER SHALL TAKE PRECEDENCE.
- ALL EXISTING PAVEMENT OR CONCRETE TO BE REMOVED SHALL BE SAWCUT ALONG LIMITS OF PROPOSED REMOVAL BEFORE REMOVAL OPERATION BEGINS.
- ALL CURBS CONSTRUCTED OR REPLACED OVER A UTILITY TRENCH SHALL BE REINFORCED WITH TWO #4 REBAR FOR A LENGTH OF 20 FEET CENTERED OVER THE TRENCH. SIDEWALKS SHALL BE TREATED IN THE SAME MANNER USING THREE #6 REBAR.
- ALL PROPOSED ELEVATIONS SHOWN ON PLANS ARE FINISHED SURFACE ELEVATIONS UNLESS NOTED OTHERWISE.
- ALL RADI ARE TO THE BACK OF CURB AND ARE NOTED ON THE PLANS.
- CONTRACTION JOINTS SHALL BE CONSTRUCTED AT TEN (10) FOOT MINIMUM INTERVALS. THE GRANULAR CURB BASE SHALL BE A MINIMUM OF THREE (3) INCHES OF 3/8" TO 3/4" OPEN GRADED GRANULAR MATERIAL TO ALLOW FOR PROPER SUBGRADE DRAINAGE. COMPACTED CURB SUBGRADE SHALL BE SHARED PARALLEL TO THE CURB FLOW LINE AND POSITIVELY DRAINED TO THE INLETS AND CATCH BASINS. ALL PAVEMENTS SHALL BE CONSTRUCTED ON A SELECT COMPACTED SUBGRADE, GRADED PARALLEL TO THE FINISH SURFACE.
- EXPANSION JOINTS SHALL BE REQUIRED AT ALL POINTS OF CURVATURE, AT BOTH SIDES OF ALL DRAINAGE STRUCTURES, AND AT ALL LOCATIONS WHERE THE SIDEWALK ABUTS THE CONCRETE CURB AND GUTTER.
- CURB AND GUTTER SHALL BE CONSTRUCTED AND TIED INTO EXISTING P.C.C. PAVEMENT IN ACCORDANCE WITH I.D.O.T. STANDARDS 606001 AND 420001.
- ALL CONCRETE CURB AND GUTTER AND SIDEWALKS SHALL BE CURED WITH W.R. MEADOWS CS-309 CURING COMPOUND OR APPROVED EQUAL.
- ALL CONCRETE CURB AND GUTTER SHALL BE SEALED WITH W.R. MEADOWS T-100 SEALANT OR APPROVED EQUAL, IMMEDIATELY AFTER SEVEN (7) DAYS OF CURING AT A RATE OF 300 SF. PER GALLON UTILIZING A SPRAY APPLICATION. THE SURFACE MUST BE THOROUGHLY CLEAN AND DRY OF APPLICATION.
- ALL PUBLIC SIDEWALKS SHALL BE CONSTRUCTED OF CLASS II CONCRETE, 5" THICK. BASE SHALL BE FOUR INCHES (4") OF COMPACTED CRUSHED STONE (C-6).
- WHERE NEW PAVEMENT MEETS EXISTING BITUMINOUS CONCRETE OR PORTLAND CEMENT CONCRETE PAVEMENTS, A CUT JOINT OF TRANSITIONAL LENGTH NO LESS THAN TEN (10) FEET WILL BE REQUIRED. THE SUBGRADE SHALL BE GRADED PARALLEL TO THE FINAL SURFACE GRADES AS SUCH, SHALL DRAIN TO THE CURB LINE AND TO THE INLETS AND CATCH BASINS. POSITIVE DRAINAGE MUST BE ACCOMPLISHED ON THE COMPACTED SUBGRADE OR THE PLACEMENT OF BASE MATERIAL WILL BE ALLOWED.
- THE INSTALLATION OF THE BITUMINOUS SURFACE COURSE SHALL BE DELAYED UNTIL THE BASE COURSE IS "PROOF ROLLED" BY THE CONTRACTOR. AT HIS COST, TO THE SATISFACTION OF THE ENGINEER.
- FLOWABLE FILL SHALL BE USED IN THE RIGHT-OF-WAY.

WM NOTES: STORM SEWER CONSTRUCTION NOTES

- ALL STORM SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, ADOPTED JAN. 1, 2022, AND REVISIONS THERETO, THE NOTES IN THE PLANS, AND IN ACCORDANCE WITH THE ORDINANCES OF THE AUTHORITY HAVING JURISDICTION.
- ALL STORM SEWERS 12" AND 18" SHALL BE REINFORCED CONCRETE PIPE (RCP), CONFORMING TO ASTM C-76, CLASS V, WITH JOINTS CONFORMING TO ASTM C-443 OR HIGH DENSITY POLYETHYLENE (HDPE) CONFORMING TO ASTM F2306 WITH JOINTS CONFORMING TO ASTM F477.
- UNLESS SHOWN OTHERWISE, ALL 10" AND SMALLER STORM SEWER SHALL BE POLYVINYL CHLORIDE (PVC) SDR-35 CONFORMING TO ASTM D-3034 WITH JOINTS CONFORMING TO ASTM D-3212, TO CONFORM TO THE PLANS, WATER MAIN QUALITY PVC SHALL CONFORM TO ASTM D-2241 WITH JOINTS CONFORMING TO ASTM D-3139.
- ALL MANHOLES AND INLET STRUCTURES SHALL BE PRECAST REINFORCED CONCRETE, ASIGN DESIGNATION C-478.
- EXISTING FIELD TILE ENCOUNTED AT AN ELEVATION ABOVE THE PROPOSED DRAINAGE SYSTEM SHALL BE CONNECTED TO THE DRAINAGE SYSTEM BY A METHOD APPROVED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF CONSTRUCTION.
- EXISTING FIELD TILE ENCOUNTED AT AN ELEVATION BELOW THE PROPOSED DRAINAGE SYSTEM SHALL BE REPLACED BY A METHOD APPROVED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF CONSTRUCTION.
- ALL DOWNSPOUTS AND FOOTING DRAIN SHALL DISCHARGE ONTO THE GROUND.

WM NOTES: SANITARY SEWER CONSTRUCTION NOTES

- ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS," LATEST EDITION, AND REVISIONS THERETO, THE NOTES AND ON THE PLANS, AND IN ACCORDANCE WITH CODES AND ORDINANCES OF THE AUTHORITY HAVING JURISDICTION.
- THE SANITARY SEWER AND SERVICE SHALL BE CONSTRUCTED OF POLYVINYL CHLORIDE (PVC) PIPE IN ACCORDANCE WITH ASTM D-3034 FOR PIPE AND ASTM D-3212 FOR JOINTS FOR PIPE DIAMETERS FROM 6" TO 18". AND THE STANDARD SPECIFICATIONS FOR POLYETHYLENE GLASS REINFORCED PIPE CLASS S2 WITH EITHER MECHANICAL OR PUSH-ON JOINTS AND SHALL CONFORM TO ANSI A21.51, AWWA C151 AND A21.11, AWWA C111.
- ALL SANITARY SEWER MANHOLES SHALL BE PROVIDED WITH APPROVED CAST IN PLACE RUBBER BOOTS THAT CONFORM TO ASTM C-423 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MOORED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.
- BAND SEAL, OR SIMILAR COUPLINGS SHALL BE USED IN CONNECTING SEWER PIPES OF DISSIMILAR MATERIALS.
- ALL MANHOLE COVERS SHALL HAVE THE WORD "SANITARY" CAST INTO THE TOP AND SHALL BE THE CONCEALED PROXIOLE TYPE. ALL COVERS USED FOR SANITARY SEWERS SHALL HAVE A MACHINED SURFACE AND A WATERIGHT RUBBER GASKET SEAL. ALL MANHOLE FRAMES SHALL BE SET WITH BUTYL ROPE JOINT SEALANT.
- ALL FINAL ADJUSTMENTS OF CASTINGS WILL BE ACCOMPLISHED BY THE USE OF PRECAST CONCRETE ADJUSTING RINGS SET IN BUTYL ROPE JOINT SEALANT. MORTAR JOINTS ARE NOT ALLOWED. TOTAL HEIGHT OF ADJUSTING RINGS USED SHALL NOT EXCEED EIGHT (8) INCHES.
- 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:
  - CIRCULAR SAWCUT OF SEWER MAIN BY PROPER TOOL, "SEWER TAP" MACHINE (OR SIMILAR) AND PROPER INSTALLATION OF HUB-WYE 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 A 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.
- SANITARY SEWER SERVICES SHALL BE CONSTRUCTED ACCORDING TO THE DETAILS IN THE PLANS AND THE EXACT LOCATION OF EACH SHALL BE DETERMINED IN THE FIELD. THE CONTRACTOR SHALL FURNISH RECORD DRAWINGS OF SANITARY SEWER SERVICES AT THE COMPLETION OF CONSTRUCTION, BASED ON MEASUREMENTS PROVIDED BY THE CONTRACTOR.
- A RED TIPPED 4"x4"x8" POST SHALL BE PLACED VERTICALLY IN THE GROUND AT SERVICE TERMINATION, 4' OUT OF THE GROUND.
- ALL SANITARY SEWER SERVICES TO HAVE STONE BEDDING 1/4" TO 1" IN SIZE WITH A MINIMUM THICKNESS EQUAL TO 1/4 OF THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN 4 INCHES. DOT GRADATION C-7, C-11, AND C-13 ARE ACCEPTABLE. FOR THERMOPLASTIC PIPE THE BEDDING AND BACKFILL MATERIAL AND METHOD SHALL MEET ASTM D-2321, CLASS II STANDARDS, EXCEPT THAT A UNIFORM GRADATION OF THE GRANULAR MATERIAL MAY RANGE FROM 1/4" TO 1" IN SIZE. THE BEDDING MATERIAL SHALL EXTEND ABOVE THE TOP OF THE PIPE A MINIMUM OF 12".
- ALL FLOOR DRAINS SHALL DISCHARGE INTO THE SANITARY SEWER.

WM NOTES: DEFLECTION TESTING FOR FLEXIBLE THERMOPLASTIC PIPE NOTES

- ALL PIPELINE SHALL BE TESTED FOR EXCESS DEFLECTION BY PULLING A "GO - NO GO" MANDREL THROUGH THE PIPE FROM MANHOLE TO MANHOLE. THE MANDREL SHALL BE SIZED IN ACCORDANCE WITH THE TESTING LIMITS GIVEN BELOW, AND AS SPECIFIED IN THE SPECIAL PROVISIONS. A "DEFLECTOMETER" MAY ALSO BE USED TO CHECK AND RECORD DEFLECTION, WHEREVER POSSIBLE AND PRACTICAL. THE TESTING SHALL INITIATE AT THE DOWNSTREAM LINES AND PROCEED TOWARDS THE UPSTREAM LINES.
- WHERE DEFLECTION IS FOUND TO BE IN EXCESS OF ALLOWABLE TESTING LIMITS, THE CONTRACTOR SHALL EXCAVATE TO THE POINT OF EXCESS DEFLECTION AND CAREFULLY COMPACT AROUND THE POINT WHERE EXCESS DEFLECTION WAS FOUND. THE LINE SHALL THEN BE RETESTED FOR DEFLECTION. HOWEVER, SHOULD AFTER THE INITIAL TESTING THE DEFLECTED PIPE FAIL TO RETURN TO THE ORIGINAL SIZE (INSIDE DIAMETER), THE LINE SHALL BE REPLACED.
- SAMPLING SHALL BE PERFORMED ON ALL SEWER PIPELINE BY THE ENGINEER.
- DEFLECTION LIMITS FOR FLEXIBLE THERMOPLASTIC PIPES:  
VERTICAL RING DEFLECTION OF POLYVINYL CHLORIDE (PVC) PIPE SHALL NOT EXCEED 5.0%  
MANDREL DIAMETER = (100% - DEFLECTION % LIMIT) \* BASE INSIDE DIAMETER (ID)  
BASE ID = AVERAGE ID - TOLERANCE PACKAGE  
AVERAGE ID = AVERAGE OD - 2" 1.06" MIN WALL THICKNESS  
TOLERANCE PACKAGE = [(OD TOLERANCE) + (20.06" MIN WALL THICKNESS) + (ROUNDNESS TOLERANCE)] / 12

WM NOTES: SITE GRADING NOTES

- ALL SITE IMPROVEMENTS, INCLUDING STORM WATER DRAINAGE (BUT NOT WATER MAIN AND SANITARY SEWER) SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION," ADOPTED JAN. 1, 2022 WITH ALL SUBSEQUENT SUPPLEMENTS, AND LOCAL JURISDICTIONAL REQUIREMENTS. IN CASE OF CONFLICT, THE LATTER SHALL TAKE PRECEDENCE.
- EARTHWORK AND EMBANKMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS," ADOPTED JANUARY 1, 2022 WITH ALL SUBSEQUENT SUPPLEMENTS, AND LOCAL JURISDICTIONAL REQUIREMENTS. CONSTRUCTING NON-STRUCTURAL FILLS, AND FINAL SHAPING, AND TRIMMING TO THE LINES, GRADES AND CROSS-SECTION SHOWN ON THE PLANS.
- UNSATURABLE MATERIAL ENCOUNTERED IN EXCAVATING FOR PAVEMENT SUBGRADE SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL TO THE LIMITS APPROVED BY THE GEOTECHNICAL ENGINEER. UNSUITABLE MATERIAL THAT IS EXCAVATED SHALL BE DISPOSED OF AT THE CONTRACTORS EXPENSE.
- TOPSOIL, EXCAVATED SHALL BE STOCKPILED ON THE SITE IN AREAS DESIGNATED BY THE ENGINEER UNTIL SUCH TIME THAT THIS TOPSOIL CAN BE USED FOR FINAL GRADING. ALL TOPSOIL STOCKPILE AREAS TO BE STABILIZED IN ACCORDANCE WITH APPLICABLE EROSION CONTROL REQUIREMENTS.
- CONTRACTOR SHALL LANDSCAPE DISTURBED R.O.W. BY BACKFILLING FROM BACK OF CURB TO ROW LINE WITH A MINIMUM OF 6 INCHES OF TOPSOIL & FERTILIZER. FERTILIZER SHALL BE FERTILIZER WITH NITROGEN, PHOSPHORUS AND POTASSIUM FERTILIZER NUTRIENT.

WM NOTES: WATER MAIN CONSTRUCTION NOTES

- ALL WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS," LATEST EDITION, THE NOTES AND ON THE PLANS, AND IN ACCORDANCE WITH CODES AND ORDINANCES OF THE LOCAL JURISDICTION HAVING AUTHORITY.
- ALL WATER MAINS SHALL BE DUCTILE IRON PIPE CLASS S2 WITH EITHER MECHANICAL, OR PUSH-ON JOINTS AND SHALL CONFORM TO ANSI A21.51, AWWA C151 AND ANSI A21.11, AWWA C111.
- ALL FITTINGS SHALL BE COMPACT DUCTILE IRON AND SHALL CONFORM TO ANSI/AWWA FITTINGS SHALL BE U.L. LISTED CLASS 350, TRYER, GRIFFIN OR APPROVED EQUAL.
- ALL PIPE AND FITTINGS SHALL BE CEMENT LINED IN ACCORDANCE WITH ANSI/AWWA.
- ALL FITTINGS SHALL BE MECHANICAL JOINT AND SHALL BE INSTALLED WITH RETAINER GLANDS.
- SLEEVES SHALL BE ROCKWELL D-1, COUPLING TYPE 441 OR EQUAL. SLEEVES SHALL BE PROVIDED AT LOCATIONS SHOWN ON THE PLANS OR AS REQUIRED. THE COST OF SLEEVES IS CONSIDERED AS INCIDENTAL TO THE COST OF THE PROJECT.
- ALL GATE VALVES SHALL BE OF THE DOUBLE DISC TYPE, SHALL HAVE A STANDARD OPERATING HNT AND SHALL BE INSTALLED IN A COUNTERCLOCKWISE DIRECTION. GATE VALVE SHALL BE RESILIENT WEDGE TYPE GATE VALVE, AWWA C-509 OR AS SPECIFIED BY THE JURISDICTION HAVING AUTHORITY.
- ALL GATE VALVES 12" AND LARGER SHALL BE LOCATED IN A VALVE VAULT WITH A MINIMUM OF 8" INSIDE DIAMETER.
- ALL WATER MAIN SHUT-DOWNS SHALL BE PERFORMED BY DISTRICT PERSONNEL ONLY. A MINIMUM OF 48 HOURS NOTICE SHALL BE GIVEN PRIOR TO REQUESTED SHUT-DOWNS.
- VALVE BOXES SHALL BE CAST IRON, TWO PIECE 5 1/4 INCH SHAFTS, SLOVE-TYPE TYLER MODEL 664-S, OR EQUAL. LIDS TO BE MARKED "WATER."
- ALL HYDRANTS SHALL BE IN ACCORDANCE WITH SECTION FOUR (4) OF AWWA C502-S4 STANDARD AND SHALL BE MUELLER OR TRAVERSE CITY HYDRANT WITH ONE 4-1/2" STEAMER NOZZLE AND TWO (2) HOSE OUTLETS WHICH THE THREAD CONFORMS WITH THE STANDARDS OF THE AUTHORITY HAVING JURISDICTION.
- ALL TEE BENDS, FIRE HYDRANTS AND VALVES SHALL BE ADEQUATELY SUPPORTED WITH BLOODING, SUPPORTED LATERALLY WITH POURED IN THRUST BLOCKING AGAINST UNDISTURBED EARTH. ALL FITTINGS SHALL BE INSTALLED WITH RETAINER GLANDS. AUXILIARY VALVES SHALL BE AWWA C-509 TYPE, STEAMER PORT ON FIRE HYDRANT SHALL BE 18" ABOVE FINISHED GRADE.
- WATER MAINS AND WATER SERVICE LINES SHALL BE PROTECTED FROM SANITARY SEWERS, STORM SEWERS, COMBINED SEWERS, HOUSE SEWER SERVICE CONNECTIONS AND DRAINS IN ACCORDANCE WITH TITLE 35, ENVIRONMENTAL PROTECTION ACT SUBTITLE F - PUBLIC WATER SUPPLIES, CHAPTER II: ENVIRONMENTAL PROTECTION ACT, PARTS 651-654 TECHNICAL POLICY STATEMENTS, SECTION 653.115.
- ALL WATER SERVICES SHALL BE 1 INCH TYPE "C" COPPER PIPE WITH FLARED CONNECTIONS UNLESS OTHERWISE NOTED ON PLANS. ALL CORPORATION STOPS SHALL BE MUELLER MODEL H1508, 1" GROUND KEY CORPORATION STOP.
- ALL CURB STOPS SHALL BE MUELLER MODEL H1516, MARK II ORISAL "I" MINNEAPOLIS PATTERN. ALL CURB BOXES SHALL BE MUELLER MODEL H10300, EXTENSION TYPE (5-1/2 FT.) MINNEAPOLIS PATTERN BASE CURB BOX.
- A BLUE TYPED 4"x4"x8" WOODEN POST SHALL BE PLACED VERTICALLY IN THE GROUND AT EACH SERVICE TERMINATION 4' OUT OF THE GROUND.
- ALL WATER MAINS SHALL HAVE A MINIMUM DEPTH OF COVER OF 5'-6".
- WATER MAIN MAY BE LAID ON A 2" BAND CUSHION TO INSURE EVEN BEARING ALONG THE ENTIRE LENGTH OF THE PIPE.
- OLD WATER SERVICE ALONG WOLF RD TO BE CUT OFF AT MAIN AND MAIN PIPE TO BE REPLACED.

WM NOTES: SANITARY SEWER TESTING NOTES

- THE MAXIMUM ALLOWABLE INFILTRATION SHALL BE 100 GALLONS PER MILE PER INCH DIAMETER OF PIPE. THE USE OF A VACUUM WHER OR A PLUG WITH SPROUT TO MEASURE FLOW SHALL BE DETERMINED BY THE ENGINEER PRIOR TO THE TEST.
- THE SANITARY SEWER SHALL BE TELEVIEWED BY THE CONTRACTOR AND A VIDEO TAP RECORD SHALL BE MADE AND TURNED OVER TO THE MUNICIPALITY AFTER CONSTRUCTION BUT PRIOR TO PLACING THE SANITARY SEWER INTO SERVICE.
- ALL SANITARY SEWERS WILL BE AIR TESTED BY THE CONTRACTOR UNDER THE SUPERVISION OF THE MUNICIPALITY ENGINEER. ALL TESTING WILL BE DONE IN CONFORMANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS," CURRENT EDITION.
- ALL SANITARY MANHOLES SHALL BE VACUUM TESTED IN ACCORDANCE WITH ASTM C-1244-02 PRIOR TO PLACING INTO SERVICE.

WM NOTES: WATER DISINFECTION NOTES

- AFTER THE WATER MAIN INSTALLATION HAS BEEN SATISFACTORILY COMPLETED, INCLUDING PRESSURE AND LEAKAGE TESTING, THE CONTRACTOR SHALL FURNISH EQUIPMENT AND CHEMICALS NECESSARY TO PROPERLY DISINFECT THE WORK IN ACCORDANCE WITH THE LATEST REVISION OF AWWA STANDARD 3001, CHLORINE WHICH MAY BE USED IN THE DISINFECTING SOLUTIONS IS 6% CHLORINE GAS ONLY. DISINFECTING SOLUTIONS SHALL BE APPLIED BY CONTINUOUS FEED METHOD UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER, AND SHALL CONTAIN A MINIMUM OF 50 MILLIGRAMS PER LITER (MG/L) OF AVAILABLE CHLORINE. THE DISINFECTING SOLUTION SHALL BE RETAINED IN THE MAIN FOR A PERIOD OF NOT LESS THAN 24 HOURS AFTER WHICH THE WATER SHALL CONTAIN NO LESS THAN 25 MG/L CHLORINE THROUGHOUT THE NEW WORK. AFTER THE 24 HOUR RETENTION PERIOD, THE DISINFECTING SOLUTION SHALL BE FLUSHED FROM THE MAIN UNTIL THE CHLORINE CONCENTRATION IN THE WATER FLOWING FROM THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE OWNER'S SYSTEM, OR LESS THAN 1MG/L.

WM NOTES: WATER MAIN TESTING NOTES

- ALL WATER MAIN AND SERVICE PIPE, FITTINGS, VALVES AND HYDRANTS SHALL BE SUBJECTED TO A HYDROSTATIC PRESSURE OF 200 PSI AFTER INSTALLATION. EACH SECTION OF WATER MAIN AND CONNECTIONS TO BE PRESSURE TESTED SHALL BE CAREFULLY FILLED WITH WATER TO EXPEL ALL TRAPPED AIR. A TAP IN THE PIPE, IN THE EVENT OF A PRESSURE LOSS, THE CONTRACTOR SHALL LOCATE AND CORRECT ALL LEAKS, AND THEN REPEAT THE HYDROSTATIC PRESSURE TEST UNTIL SATISFACTORY TO THE AUTHORITY HAVING JURISDICTION ENGINEER.
- THE FOLLOWING INSPECTIONS AND TESTING SHALL OCCUR FOR THE UNDERGROUND PIPING. THE LOCAL OFFICIAL SHALL HAVE A MINIMUM 48 HOURS NOTICE OF THE TEST. THEY SHALL INCLUDE BUT ARE NOT LIMITED TO:
- UNDERGROUND PIPING, THRUST BLOCKS, AND RESTRAINTS SHALL BE VISUAL INSPECTED PRIOR TO BEING COVERED. THE LOCAL AUTHORITY HAVING JURISDICTION SHALL BE CONSULTED ON WHAT RELEVANT DEPARTMENT SHALL COMPLETE THE INSPECTION. A COPY OF THE INSPECTION SHALL BE PROVIDED TO THE LOCAL FIRE OFFICIAL PRIOR TO THE FLUSHING AND HYDROSTATIC TEST.
  - UNDERGROUND FLUSHING SHALL BE COMPLETED PRIOR TO THE FIRE SERVICE MAIN BEFORE THE BACKFLOW ASSEMBLY IS INSTALLED AND PUT INTO SERVICE. THE UNDERGROUND PIPING FLUSHING FLOW RATE SHALL BE NOT LESS THAN ONE OF THE OPTIONS LISTED IN NFPA-24. A COPY OF THE TESTING DOCUMENTS SHALL BE PRESENTED TO THE LOCAL FIRE OFFICIAL AT THE COMPLETION OF THE TEST.
  - UNDERGROUND HYDROSTATIC SHALL BE COMPLETED PRIOR TO THE FIRE SERVICE MAIN FROM BEING COVERED. THE PIPING SHALL BE HYDROSTATICALLY TESTED AT TWO HUNDRED POUNDS PER SQUARE INCH (200 PSI) MINIMUM AND SHALL MAINTAIN THAT PRESSURE WITHOUT LOSS FOR TWO HOURS (2 HRS).

CITY OF ST. CHARLES NOTES:

- A CURRENT COLOR VIDEO RECORD AND A WRITTEN TRANSCRIPTION OF THE INTERNAL INSPECTION OF THE NEWLY CONSTRUCTED STORM AND SANITARY SEWER SYSTEMS SHALL BE SUBMITTED PRIOR TO REFUNDING OF SITE IMPROVEMENT ESCROW RETENTION MONIES BY THE CITY OF ST. CHARLES. ALL PUBLIC MAINS SHALL BE TELEVIEWED AND DIGITALLY RECORDED. THE CONTRACTOR MUST ROTATE THE LENS OF THE CAMERA TO LOOK AT ALL SERVICE CONNECTIONS. THE SERVICE CONNECTIONS MUST BE NOTED IN THE TELEVISION REPORT. WHEN THE PROPOSED SEWER SYSTEM CONNECTS TO AN EXISTING SEWER SYSTEM, THE EXISTING SEWER MUST ALSO BE TELEVIEWED AND REPORTED. THE CONTRACTOR SHALL COORDINATE THE TELEVIEWING OF EXISTING CONTIGUOUS SEWERS WITH THE CITY OF ST. CHARLES. ALL LINES SHALL BE FLUSHED AND CLEANED PRIOR TO TELEVIEWING.

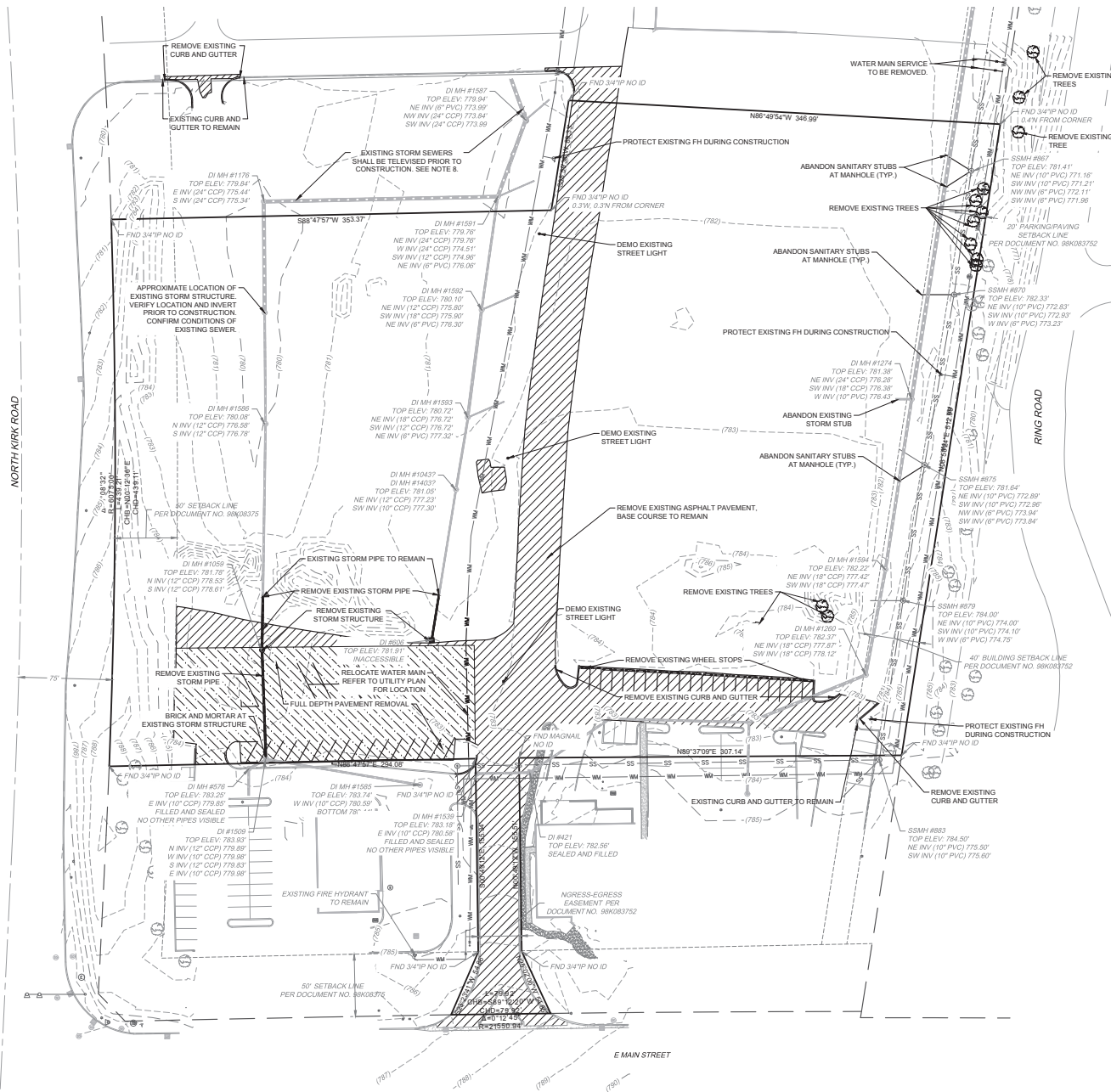
WARE MALCOMB  
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FOR AND ON BEHALF  
OF WARE MALCOMB

FOX HAVEN SQUARE  
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GENERAL NOTES  
NO. DATE  
1. 1-19-24  
2. 9/4/2024  
JOB NO.: CH23-0124  
PA / PM: J. GRZYWA  
DESIGNED: T. SNOW  
DATE: 1-19-24  
PLOT DATE: 9/4/2024  
SHEET  
C1.1  
Sheet 2 of 8



## LEGEND

EXISTING	BOUNDARY	REMOVE / DEMO
---	LOT LINE	---
---	EASEMENT	---
---	CENTERLINE	---
---	CURB / GUTTER	---
---	SIDEWALK	---
---	STORM DRAIN	---
---	SANITARY	---
---	WATERLINE	---

## HATCH LEGEND

---	REMOVE EXISTING ASPHALT, BASE COURSE TO REMAIN
---	REMOVE EXISTING ASPHALT PAVEMENT, FULL DEPTH

## DEMOLITION NOTES

- CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES. ENGINEER WILL NOT BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH CHANGES TO THE DESIGN WITHOUT PROPER NOTIFICATION.
- ALL EXCAVATION SPOILS, INCLUDING BUT NOT LIMITED TO CONCRETE AND PAVEMENT EXCAVATION, SHALL BE EXPORTED AND LEGALLY DISPOSED OF BY THE CONTRACTOR.
- EXISTING STRUCTURES, CONCRETE, PAVEMENT, FENCES, CURBS, UTILITY BOXES, LIGHTS, GATES, ETC. NOT CALLED OUT IN THE PLANS TO BE REMOVED OR REPLACED SHALL BE PROTECTED IN PLACE.
- CONTRACTOR TO PROVIDE TREE PROTECTION AS NECESSARY DURING CONSTRUCTION TO PRESERVE EXISTING TREES TO REMAIN. ANY TREES NOT IDENTIFIED TO BE REMOVED ARE ASSUMED TO REMAIN.
- ALL ABANDONED SEWERS / FORCE MAINS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUGS.
- ALL FOUNDATIONS BELOW GROUND AND AT GROUND UTILITIES AND APPURTENANCES TO BE REMOVED.
- ANY WATER OR SANITARY NOW SHOWN ON THESE PLANS TO BE ABANDONED/REMOVED AS NEEDED.
- CONTRACTOR TO TELETYPE EXISTING STORM SEWER FROM BEGINNING OF RUN TO EXISTING DETENTION BASIN OFF OF FOXFIELD DRIVE, NORTH OF JEWEL BUILDING. SEWERS SHALL BE CLEANED OF DEBRIS AND FUNCTIONING. NOTIFY OWNER AND ENGINEER OF ANY SEWERS IN DISREPAIR.

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NO.	DATE	REVISIONS

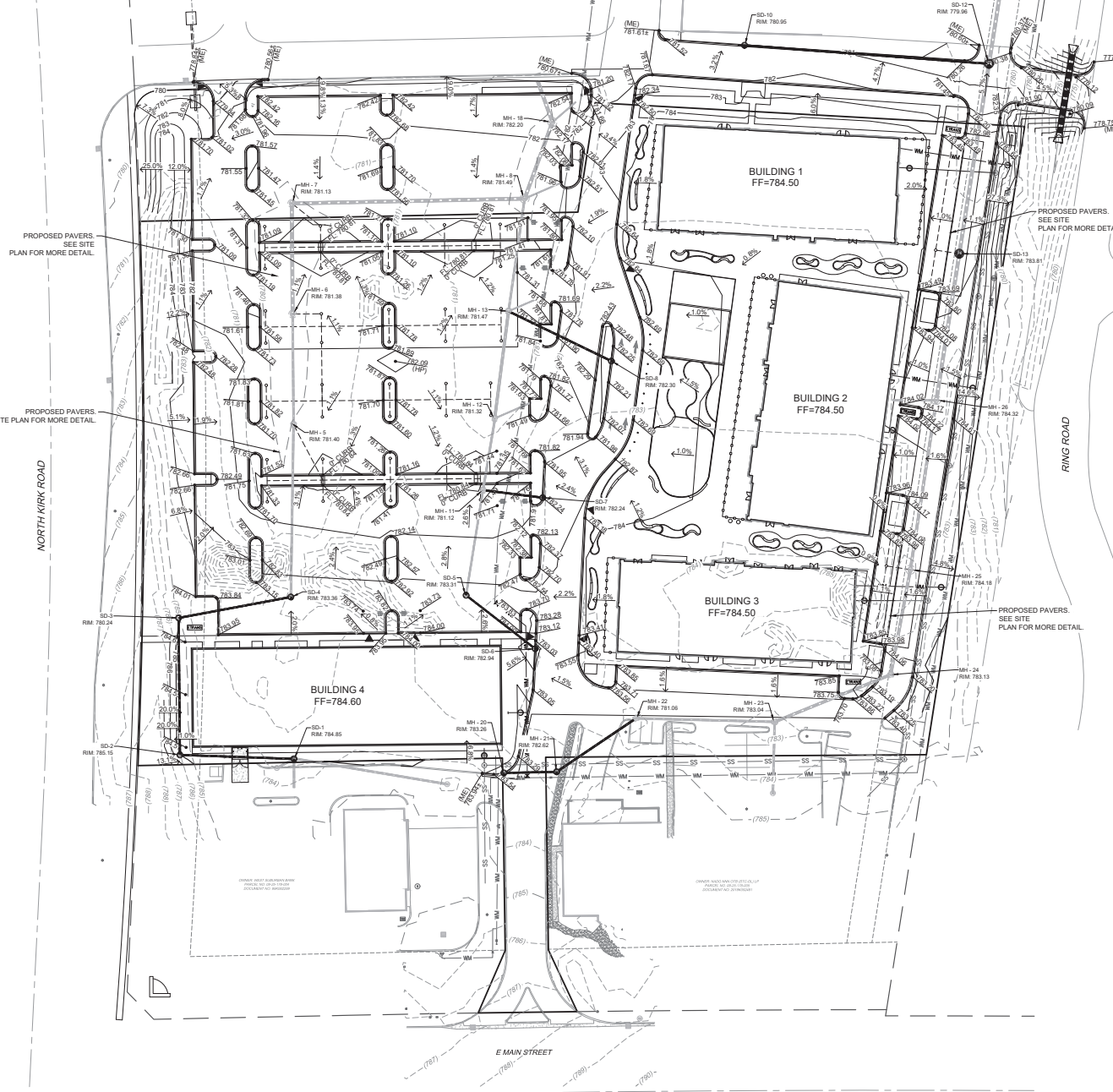
JOB NO.:	CH23-0124
PA. FILE:	J. GRZYWA
DESIGNED:	T. SNOW
DATE:	1-19-24
PLOT DATE:	05/29/24

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Sheet 3 of 8









**LEGEND**

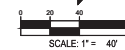
EXISTING	BOUNDARY	PROPOSED
---	SECTION	---
---	1/4 SECTION	---
---	1/16 SECTION	---
---	LOT LINE	---
---	EASEMENT	---
---	CENTERLINE	---
---	MAJOR CONTOUR	5280
---	MINOR CONTOUR	5278
---	CURB / GUTTER	---
---	SIDEWALK	---
X	FENCE	X
NA	ICC/AT11.1 ACCESSIBLE ROUTE	---
NA	SAWTOOTH	---
SS	STORM DRAIN	SS
SS	SANITARY	SS
WM	WATERLINE	WM
WR	IRRIGATION	WR
OH	OVERHEAD UTILITY	OH
CATV	CABLE TV	CATV
E	BURIED ELECTRIC	E
FO	FIBER OPTIC	FO
NGAS	NATURAL GAS	NGAS
T	TELEPHONE	T
UKWN	UNKNOWN UTILITY	NA

**GRADING NOTES**

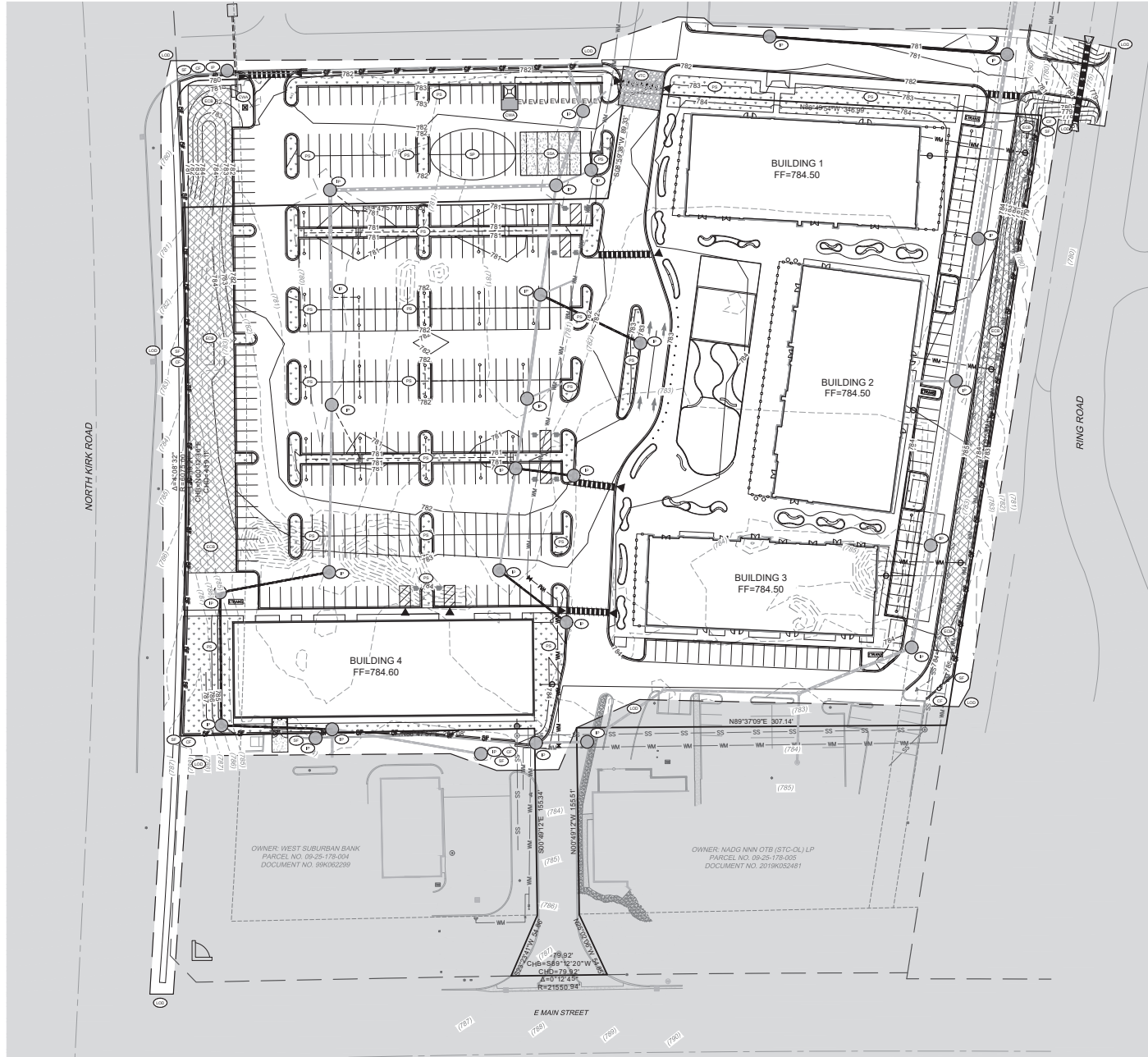
- CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES WITH THE ELEVATIONS SHOWN ON THE PLANS. ENGINEER WILL NOT BE LIABLE FOR ANY COSTS ASSOCIATED WITH CHANGES TO THE DESIGN WITHOUT PROPER NOTIFICATION.
- SEE COVER SHEET FOR BENCHMARK, BASIS OF BEARINGS, AND SURVEY INFORMATION.
- ELEVATIONS ARE PER THE SURVEY DATUM, NOT PER ARCHITECTURAL FLOOR ELEVATIONS.
- ELEVATIONS ARE AT FINISHED SURFACE UNLESS OTHERWISE NOTED.
- CURB ELEVATIONS ARE AT FLOWLINE/BOTTOM OF CURB UNLESS OTHERWISE NOTED.
- EXISTING UTILITY STRUCTURES TO BE ADJUSTED AS NECESSARY FOR PROPOSED GRADING.
- SIDEWALKS AND LANDINGS SHALL BE 2% MAX. CROSS-SLOPE TOWARD ROADS, DRIVE LANES, AND PARKING AREAS UNLESS OTHERWISE NOTED.
- ACCESSIBLE PARKING STALLS AND LOADING AREAS TO BE 2% MAX. SLOPE IN ANY DIRECTION.
- REFER TO THE GEOTECH REPORT FOR GROUNDWATER ELEVATIONS.
- GRADING OF LANDSCAPED AREAS AROUND BUILDINGS TO COMPLY WITH GEOTECH. REPORT.
- PEDESTRIAN GUARDRAILS TO BE INSTALLED WHERE REQUIRED BY LOCAL, STATE, OR FEDERAL REQUIREMENTS. RE. ARCHITECTURAL/LANDSCAPE PLANS.
- ALL FLOW LINE ELEVATIONS ARE 0.50' LOWER THAN TOP OF CURB ELEVATIONS UNLESS NOTED OTHERWISE.

**GRADING LEGEND**

784.50	PROPOSED SPOT ELEVATION
784.50	EXISTING SPOT ELEVATION
2.00%	PROPOSED SLOPE / GRADE
2.00%	EXISTING SLOPE / GRADE
---	OVERLAND OVERFLOW ROUTE
HP	HIGH POINT
LP	LOW POINT
GB	GRADE BREAK
FFE	FINISHED FLOOR ELEVATION
TFI	TOP FACE OF INLET
TBC	TOP BACK OF CURB
ME	MATCH EXISTING



W:\CH230124\CH230124\CAD\Drawings\CH230124\_C5.0\_Preliminary Erosion & Sediment Control Plan.dwg 04/18/2024 ANEL:GON 1:1



#### EROSION CONTROL BMP LEGEND

LOC	LIMITS OF CONSTRUCTION	
CF	CONSTRUCTION FENCE	—
CWA	CONCRETE WASHOUT AREA	□
ECB	EROSION CONTROL BLANKET	▨
IP	INLET PROTECTION	●
MU	MULCHING & TEMPORARY SEEDING	+
TS	PERMANENT SEEDING / LANDSCAPE (PER LANDSCAPE PLAN)	•
PS	SILT FENCE	—
SP	STOCKPILE MANAGEMENT	■
SSA	STABILIZED STAGING AREA	■
VTC	VEHICLE TRACKING CONTROL	■

#### EROSION CONTROL NOTES

1. CONTRACTOR TO INSPECT AND MAINTAIN EROSION CONTROL MEASURES THROUGHOUT THE COURSE OF CONSTRUCTION, INCLUDING INSTALLING, REPAIRING, REPLACING, RELOCATING, AND MODIFYING AS NECESSARY FOR CONSTRUCTION AND TO ENSURE THE SITE IS IN COMPLIANCE WITH STATE AND LOCAL REQUIREMENTS.
2. ADDITIONAL EROSION CONTROL MEASURES NOT SHOWN ON THIS PLAN MAY BE NECESSARY TO PREVENT EROSION AND SEDIMENTATION.
3. AREAS THAT ARE TO REMAIN IN A DISTURBED CONDITION FOR AN EXTENDED PERIOD SHALL BE TEMPORARILY SEEDED IN ACCORDANCE WITH STATE AND LOCAL CRITERIA.
4. REFER TO THE APPROVED LANDSCAPE PLAN FOR FINAL STABILIZATION INFORMATION. AREAS NOT STABILIZED BY PAVEMENT, BUILDING FOOTPRINT, PERMANENT LANDSCAPING, OR OTHER PERMANENT STABILIZATION SHALL BE PERMANENTLY SEEDED PER STATE AND LOCAL REQUIREMENTS.
5. CONTRACTOR TO KEEP PAVEMENT CLEAN OF MUD AND DEBRIS USING SWEEPING/SCRAPING EQUIPMENT TO BE STORED ON-SITE.
6. PROVIDE VEHICLE WASHOUT FOR VEHICLES ENTERING SITE LOCATED OUTSIDE OF DOT RIGHT OF WAY.



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FOR AND ON BEHALF  
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**PRELIMINARY ENGINEERING**  
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PRELIMINARY EROSION CONTROL & SEDIMENT CONTROL PLAN	
NO.	REMARKS

JOB NO.:	CH23-0124
PA / PM:	J. GRZYWA
DESIGNED:	T. SNOW
DATE:	1-19-24
PLOT DATE:	04/18/24

SHEET	C5.0
Sheet	6 of 8

NOT FOR CONSTRUCTION

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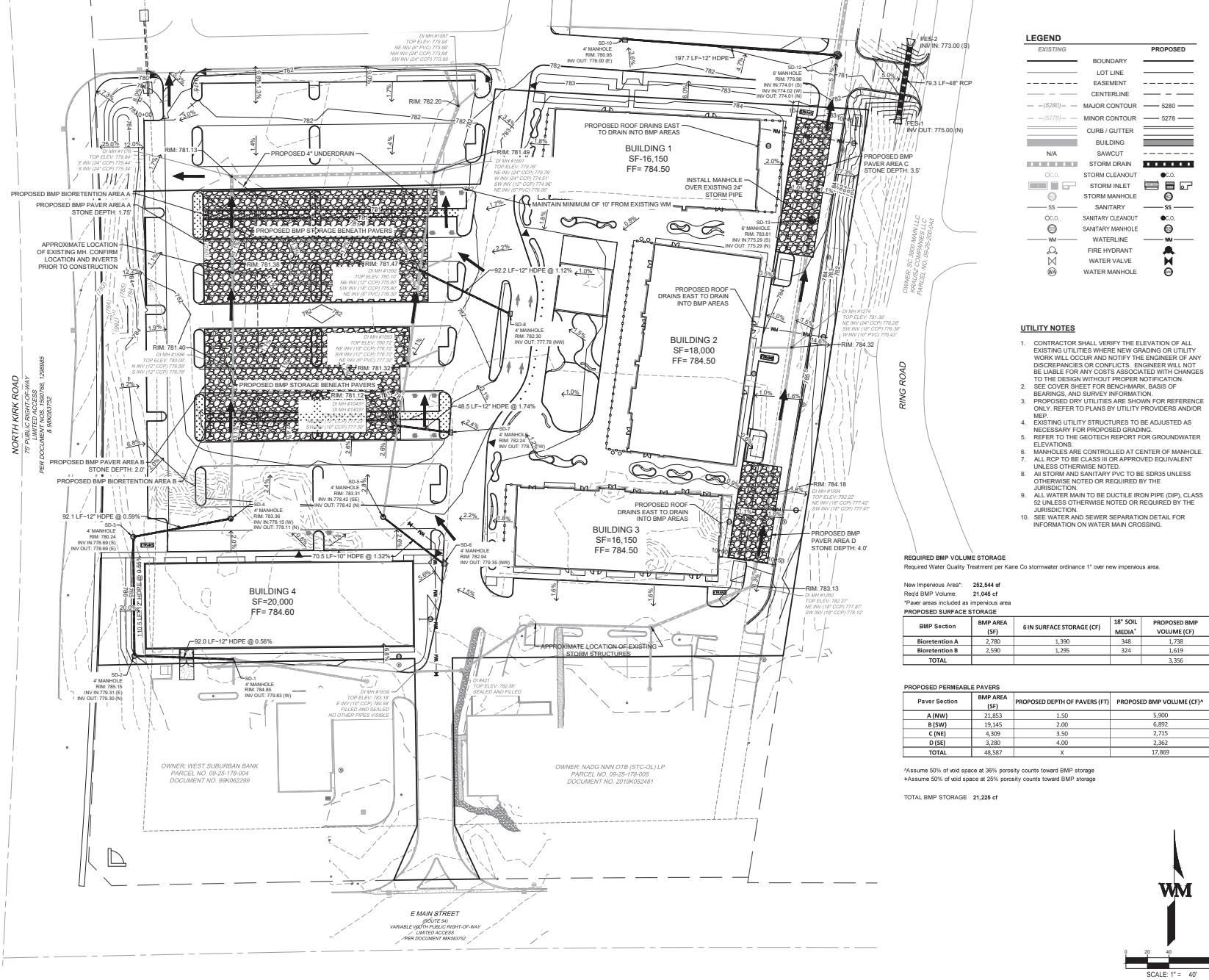
FOR AND ON BEHALF  
OF WARE MALCOMB

**FOX HAVEN SQUARE**  
**PRELIMINARY ENGINEERING**  
502 N KIRK RD.  
ST. CHARLES, IL 60174

**PRELIMINARY DRAINAGE PLAN**  
NO. DATE REVISIONS

JOB NO.: CH23-0124  
PA / PM: J. GRZYWA  
DESIGNED: T. SNOW  
DATE: 1-19-24  
PLOT DATE: 04/18/24

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Sheet 7 of 8

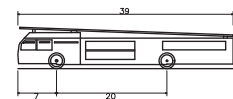






### UTILITY NOTES

1. CONTRACTOR SHALL VERIFY THE ELEVATION OF ALL EXISTING UTILITIES WERE NEW GRADING OR UTILITY WORK REQUIRED AND REPORT TO THE ENGINEER OF ANY DISCREPANCIES OR CONFLICTS. ENGINEER WILL NOT BE RESPONSIBLE FOR ANY CONFLICTS OR CHANGES TO THE DESIGN WITHOUT PROPER NOTIFICATION.
2. COVER SHEET SHALL BE BENCHMARK, BASIS OF DESIGN, AND SURVEY DATA. THE ENGINEER SHALL PROVIDE THE SURVEY DATA TO THE CONTRACTOR.
3. PROPOSED DRY UTILITIES ARE SHOWN FOR REFERENCE ONLY. THE EXISTING UTILITIES ARE TO BE MAINTAINED AS EXISTING.
4. EXISTING UTILITY STRUCTURES ARE TO BE MAINTAINED AS NECESSARY FOR PROPOSED GRADING.
5. REFER TO THE GEOTECH REPORT FOR GROUNDWATER MONITORING DATA.
6. MANHOLES ARE CONTROLLED AT CENTER OF MANHOLE. ALL MANHOLES SHALL BE APPROVED/INSTALLED UNLESS OTHERWISE NOTED.
7. ALL STORM AND SANITARY PVS TO BE SDRS UNLESS OTHERWISE NOTED OR OTHERWISE REQUIRED BY JURISDICTION.
8. ALL WATER MAINS TO BE DUCTILE IRON PIPE (DIP) CLASS 150 UNLESS OTHERWISE NOTED OR REQUIRED BY THE JURISDICTION.
9. PROVIDE AND MAINTAIN SEWER SEPARATION DETAIL FOR INFORMATION ON WATER MAIN CROSSING.
10. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY MANHOLES PRIOR TO CONSTRUCTION. ANY MANHOLES IN DISCREPANT MUST BE REPLACED.
11. CONTRACTOR SHALL VERIFY ALL EXISTING WATER MAIN PRIOR TO CONSTRUCTION AND MAINTAIN 8 FT MIN. CLEARANCE. NOTIFY ENGINEER OF ANY DISCREPANCIES.



39.000ft  
8.167ft  
7.500ft  
0.750ft  
8.167ft  
5.00s  
45.00°



SHEET  
1

LANDSCAPE PLAN FOR:

FOX HAVEN SQUARE

St Charles, IL

Site Location Map



SHEET INDEX

SHEET	DESCRIPTION
CS-1.0	COVER SHEET
L-1.0	LANDSCAPE PLAN
L-2.0	LANDSCAPE PLAN
L-3.0	LANDSCAPE PLAN
L-4.0	LANDSCAPE SPECIFICATIONS

Landscape Architect:  
Metz & Company  
826 E. Maple Street  
Lombard, IL 60148  
630.561.3903

Architect/Engineer:  
Ware Malcomb  
1315 W 22nd Street, Suite 410  
Oak Brook, IL 60523  
630.218.0063



REVISIONS

1	St. Charles Review #1	4-18-24

FOX HAVEN SQUARE

502 N. Kirk Road  
St Charles, Illinois

SEAL:

826 East Maple Street  
Lombard, Illinois 60148  
PH: 630.561.3903  
www.metz-company.com

TITLE

LANDSCAPE  
PLAN

PROJECT NO.:

24-248

DATE:

1-19-2024

SCALE:

1"=20'

SHEET

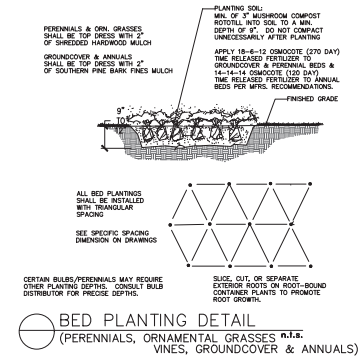
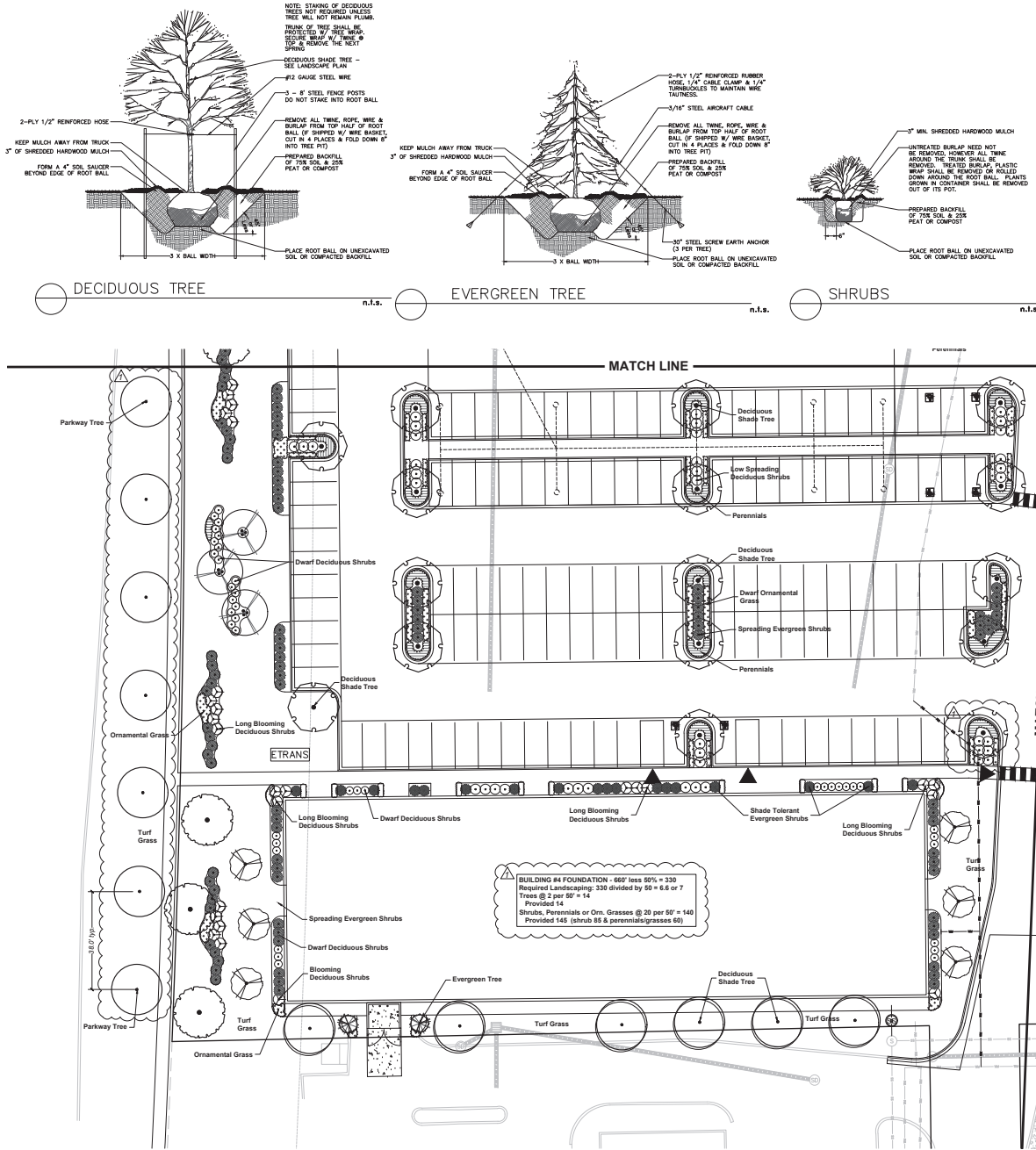
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REVISIONS		
1	St. Charles Review #1	4-18-24

**FOX HAVEN SQUARE**  
502 N. Kirk Road  
St Charles, Illinois

SEAL:

**RANDY F. METZ**  
187-00422

**METZ & COMPANY**  
LANDSCAPE ARCHITECTURE/UTZ PLANNING

826 East Maple Street  
Lombard, Illinois 60148  
PH: 630.561.3903  
www.metz-company.com

**TITLE**  
**PRELIMINARY LANDSCAPE PLAN**

**PROJECT NO.:**  
**24-248**

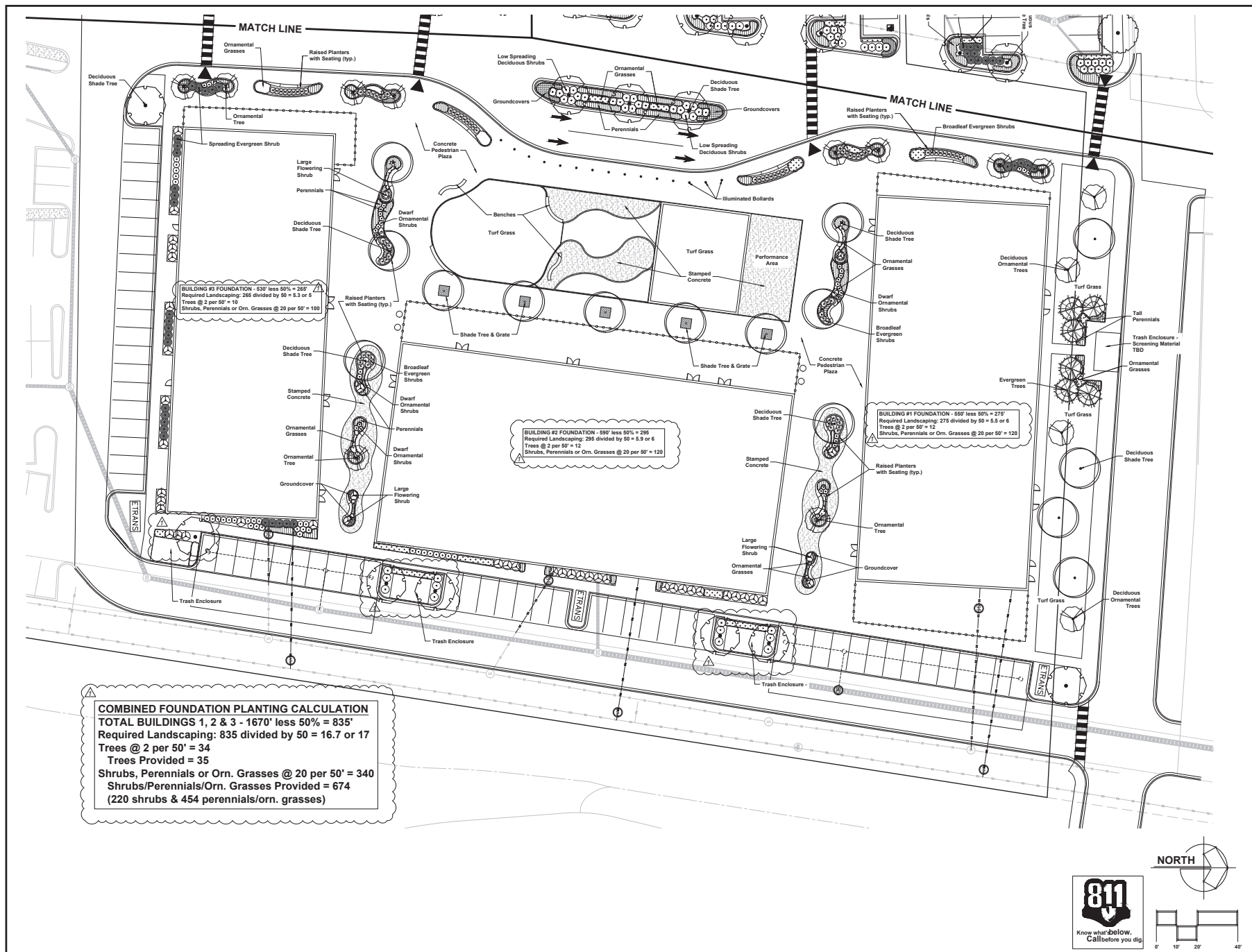
**DATE:** 1-19-2024  
**SCALE:** 1"=20'

**SHEET**  
**L-2.0**

**811**  
Know what's below.  
Call before you dig.

**NORTH**

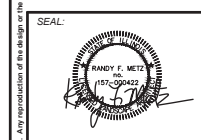
0' 10' 20' 40'



REVISIONS

NO.	DESCRIPTION	DATE
1	St. Charles Review #1	4-18-24

**FOX HAVEN SQUARE**  
 502 N. Kirk Road  
 St Charles, Illinois



**METZ & COMPANY**  
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 826 East Maple Street  
 Lombard, Illinois 60148  
 PH: 630.561.3903  
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TITLE  
**PRELIMINARY  
 LANDSCAPE  
 PLAN**

PROJECT NO.:  
**24-248**  
 DATE: 1-19-2024  
 SCALE: 1"=20'

SHEET  
**L-3.0**

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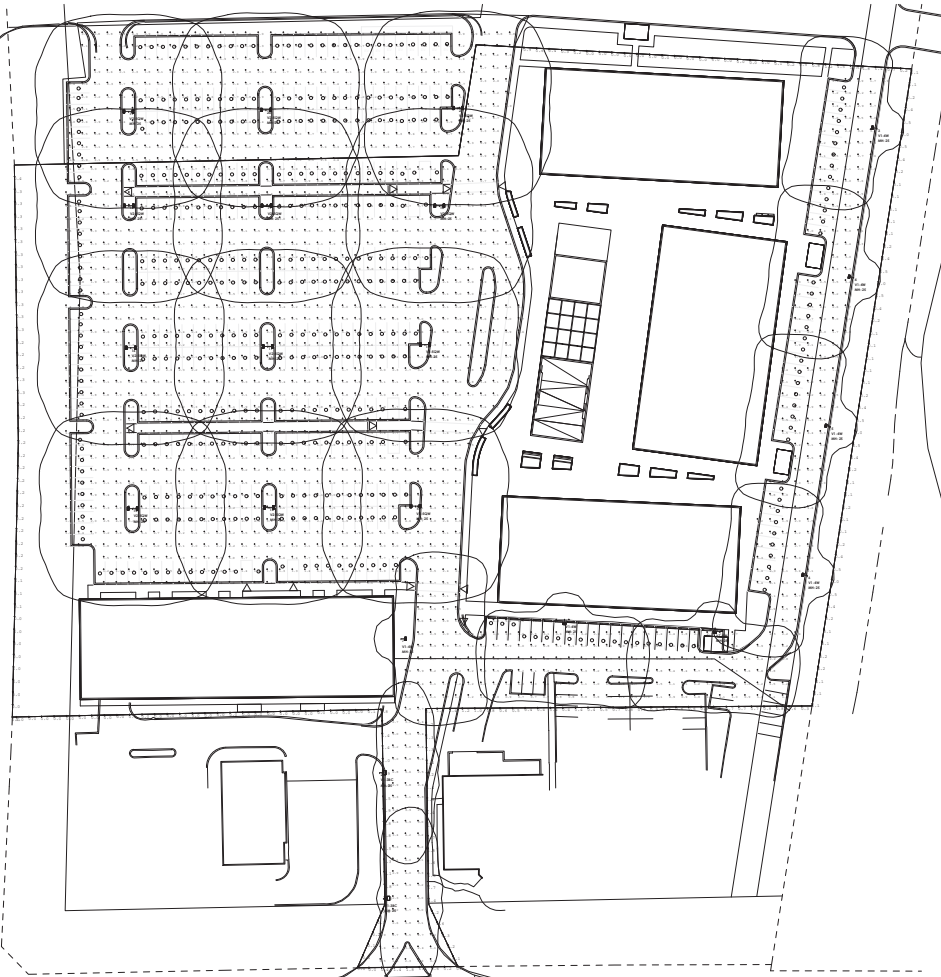


**Luminaire Schedule - Part numbers are provided by the manufacturer and are only intended to be used as a reference to output and optics used.**

Symbol	Qty	Tag	Arrangement	Luminaire Lumens	Arr. Lum. Lumens	Luminaire Watts	Arr. Watts	LLF	Manufacturer	Description
2	2	V1-38C	Single	15065	15065	172	172	0.900	BEACON	VP-1-160L-160-4K7-3-BC
7	7	V1-4W	Single	18495	18495	158	158	0.900	BEACON	VP-1-160L-160-4K7-4W
12	12	V2-SQW	Back-Back	19033	38066	158	316	0.900	BEACON PRODUCTS	VP-1-160L-160-4K7-5QW

#### Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Max/Min	Avg/Min	Description
EV PARKING LOT_Planar	Illuminance	Fc	2.34	7.0	0.6	11.67	3.90	READINGS TAKEN @ GRADE
PARKING AND DRIVES_Planar	Illuminance	Fc	2.28	6.8	0.5	13.60	4.56	READINGS TAKEN @ GRADE
PROPERTY LINE	Illuminance	Fc	3.46	2.6	0.0	N.A.	N.A.	READINGS TAKEN @ GRADE



#### Luminaire Location Summary

LumNo	Label	Mtg Ht	Orient	Tilt
1	VP-1-160L-160-4K7-3-BC	25	0	0
2	VP-1-160L-160-4K7-3-BC	25	0	0
3	VP-1-160L-160-4K7-4W	25	171	0
4	VP-1-160L-160-4K7-4W	25	171	0
5	VP-1-160L-160-4K7-4W	25	171	0
6	VP-1-160L-160-4K7-4W	25	171	0
7	VP-1-160L-160-4K7-4W	25	0	0
8	VP-1-160L-160-4K7-4W	25	267	0
9	VP-1-160L-160-4K7-4W	25	267	0
10	VP-1-160L-160-4K7-5QW_1	25	0	0
11	VP-1-160L-160-4K7-5QW_1	25	0	0
12	VP-1-160L-160-4K7-5QW_1	25	0	0
13	VP-1-160L-160-4K7-5QW_1	25	0	0
14	VP-1-160L-160-4K7-5QW_1	25	0	0
15	VP-1-160L-160-4K7-5QW_1	25	0	0
16	VP-1-160L-160-4K7-5QW_1	25	0	0
17	VP-1-160L-160-4K7-5QW_1	25	0	0
18	VP-1-160L-160-4K7-5QW_1	25	0	0
19	VP-1-160L-160-4K7-5QW_1	25	0	0
20	VP-1-160L-160-4K7-5QW_1	25	0	0
21	VP-1-160L-160-4K7-5QW_1	25	0	0

APPLICATION AND TASK	MAINTAINED HORIZONTAL AVERAGE [FC] RANGE [FC]	MAINTAINED VERTICAL AVERAGE [FC] RANGE [FC]	MAXIMUM AVG/MIN MAX/MIN
PARKING (UNCOVERED) ZONE 3 (URBAN)	1.5 0.75 - 3	0.8 0.4 - 1.6	4:1 15:1
PARKING (UNCOVERED) ZONE 2 (SUBURBAN)	1 0.5 - 2	0.6 0.3 - 1.2	4:1 12:1
SAFETY (BUILDING EXTERIOR)	1 0.5 - 2	-	FOR SECURITY ISSUES, RAISE AVG. TO 3

(Simplified recommendations based on IES "The Lighting Handbook" 10th Edition and IES RP-20-14. Individual applications will determine specific recommendations. Please refer to the most recent handbook for a more detailed evaluation and additional applications. These recommendations do not supersede any applicable codes.

#### NOTES

IES BEACON is a member of the Illuminating Engineering Society (IES). CODE COMPLIANCE REVIEW BY CHIEF. ANY VARIANCE FROM REFLECTANCE VALUES, OBSTRUCTIONS, LIGHT LOSS FACTORS OR DIMENSIONAL DATA WILL AFFECT THE ACTUAL LIGHT LEVELS OBTAINED. THIS ANALYSIS IS A MATHEMATICAL MODEL AND CAN BE ONLY AS ACCURATE AS IS PERMITTED BY THE INPUT DATA AND THE STANDARDS USED. FUTURE TYPES AND QUANTITIES MAY CHANGE BASED ON UNKNOWN OBSTRUCTIONS OR FIELD CONDITIONS. THESE CHANGES MAY RESULT IN AN INCREASED QUANTITY OF FIXTURES. FUTURE TYPES AND QUANTITIES BASED ON PROVIDED LAYOUT AND DRAWINGS ARE FOR REFERENCE ONLY. TYPES AND QUANTITIES MAY CHANGE WITH FUTURE REVISIONS. CALCULATION GRID VALUES 10'-0" O.C.

#### BEACON VIPER Area/Site

##### FEATURES

- Low profile LED luminaire with a variety of IES distributions for lighting applications such as site, landscape, walk, courtyard, and canopy parking lots.
- Featuring two different optical technologies, Spot and Micro Strike Optics, which provide the best distribution pattern for either or new construction.
- Based for high vibration applications including trucks and overpasses. All sizes are rated for 15G.
- Control systems including photo control, occupancy sensing, NM Lighting Control, LightSaver and 150-watt integrated controls.
- New customizable luminaire output feature allows for the redesign and luminaire output to be maintained in the future for most advanced specification requirements. May select.
- Fixed interchangeable mounting provides additional flexibility after the fixture has shipped.

##### CONTROL TECHNOLOGY

##### SERVICE PROGRAMS

##### SPECIFICATIONS

##### OPTIONAL

##### REMARKS

##### NOTES

##### DETAILS

##### ACCESSORIES

##### WARRANTY

##### INSTALLATION

##### MAINTENANCE

##### REPAIRS

##### REPLACEMENT

##### RECYCLING

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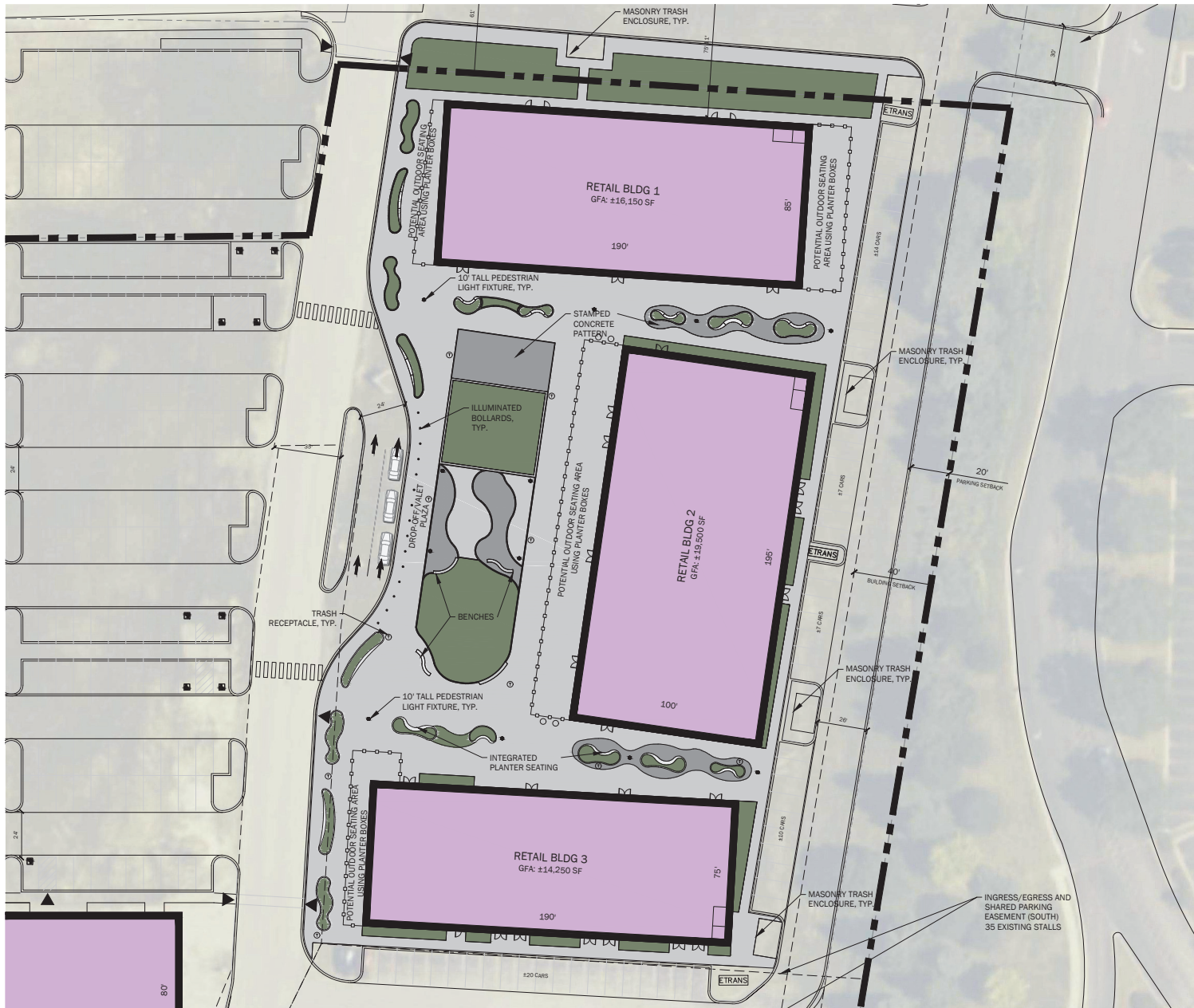
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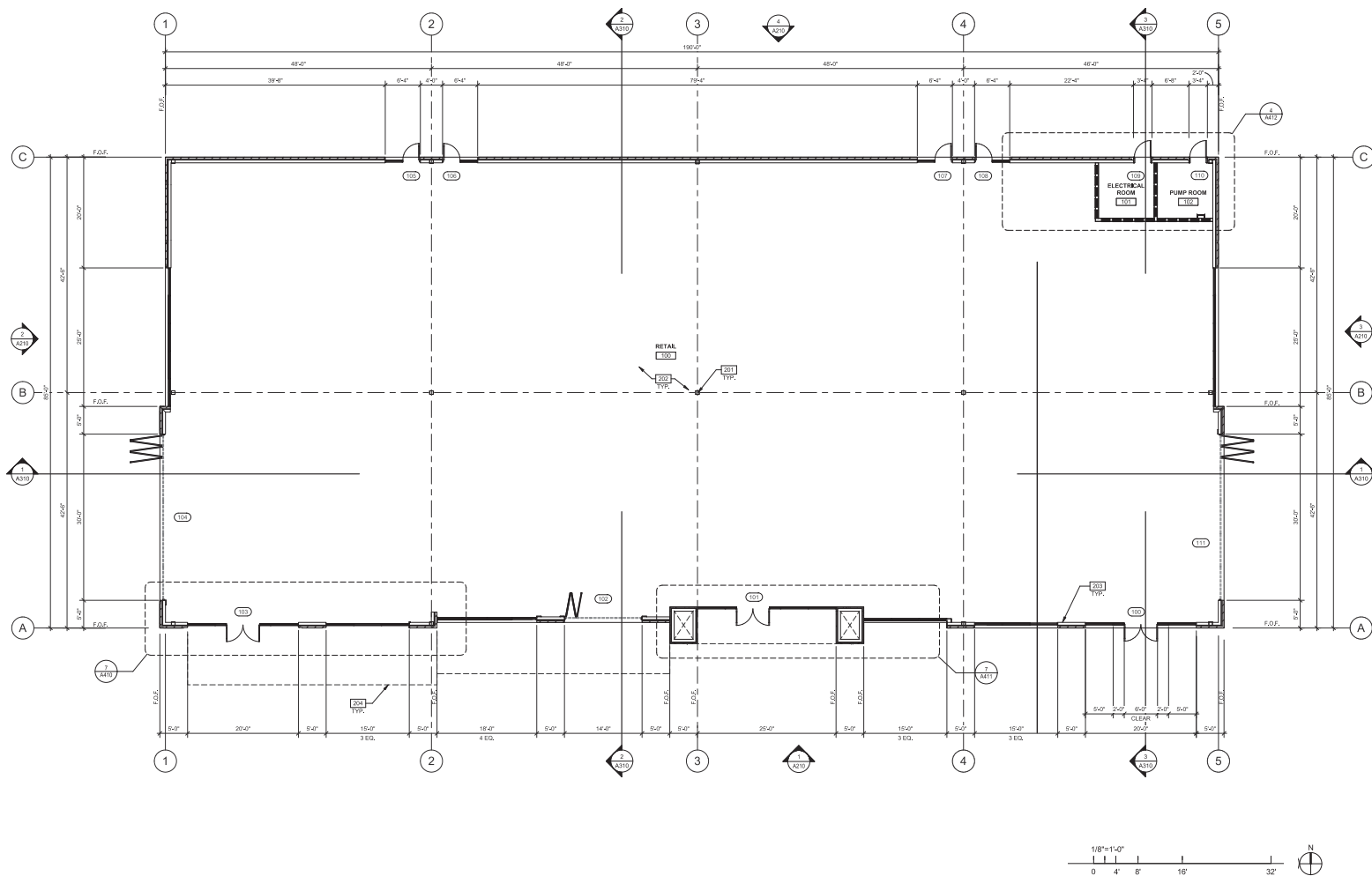
ST. CHARLES, ILLINOIS

**WARE MALCOMB**  
STATE OF ILLINOIS DESIGN FIRM REGISTRATION NO. 194-004069

CHI23-0124-00  
APRIL 25, 2024





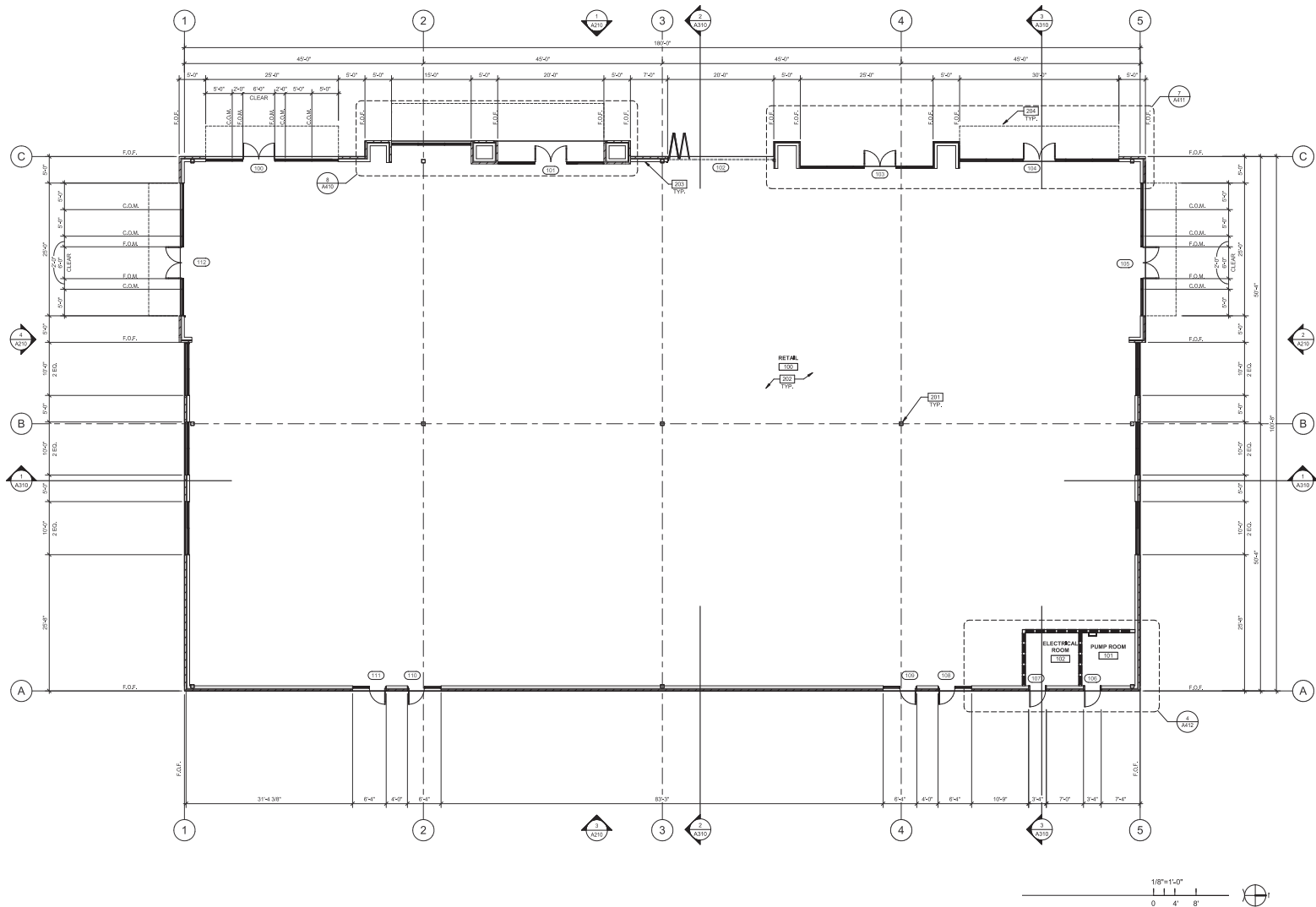




## KEYNOTES

1	BRICK - MIDDLE TONE	4	ALUMINUM PRE-FINISHED COPING DARK FINISH	7	POTENTIAL LOCATION FOR SIGNAGE	10	POTENTIAL LOCATION(S) FOR ART MURAL
2	BRICK - DARK TONE	5	ALUMINUM STOREFRONT DARK FINISH	8	WOOD VENEER ACCENT		
3	STACKED STONE VENEER	6	EXTERIOR LIGHTING	9	BRICK EXPRESSION		







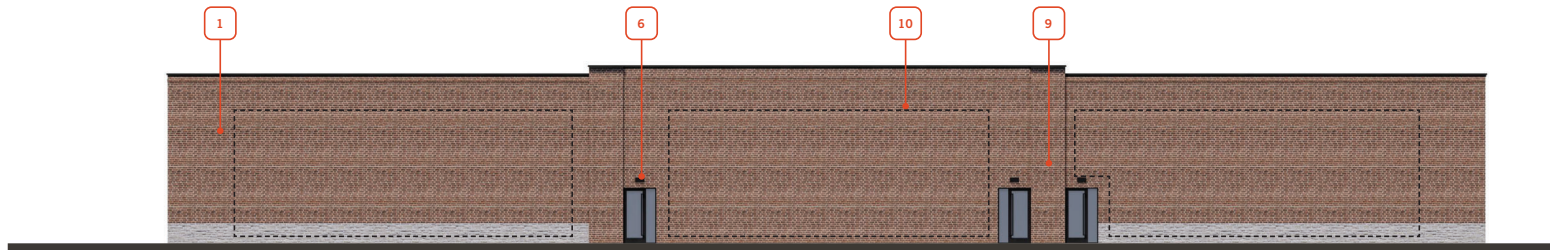
WEST



NORTH



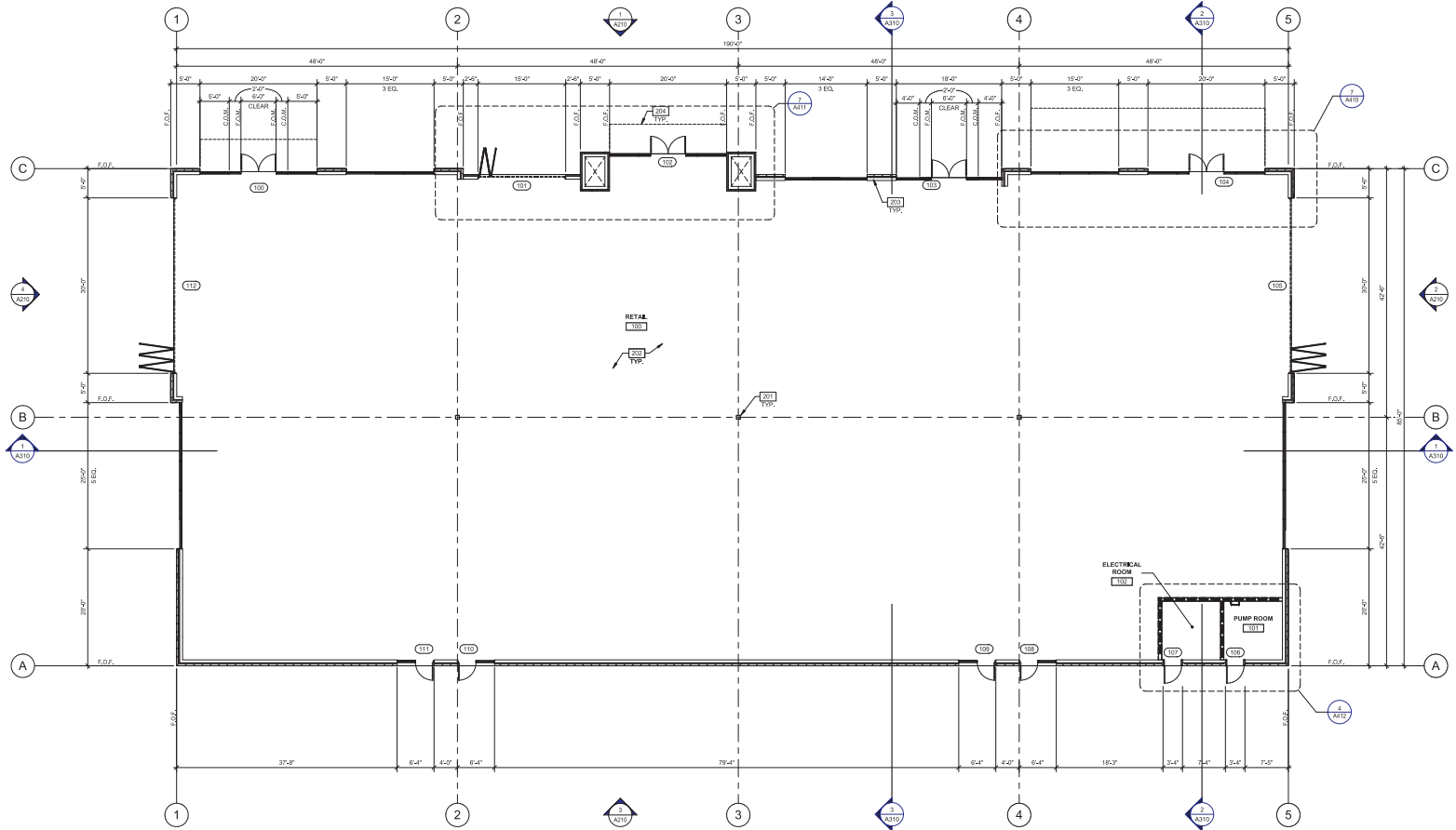
SOUTH

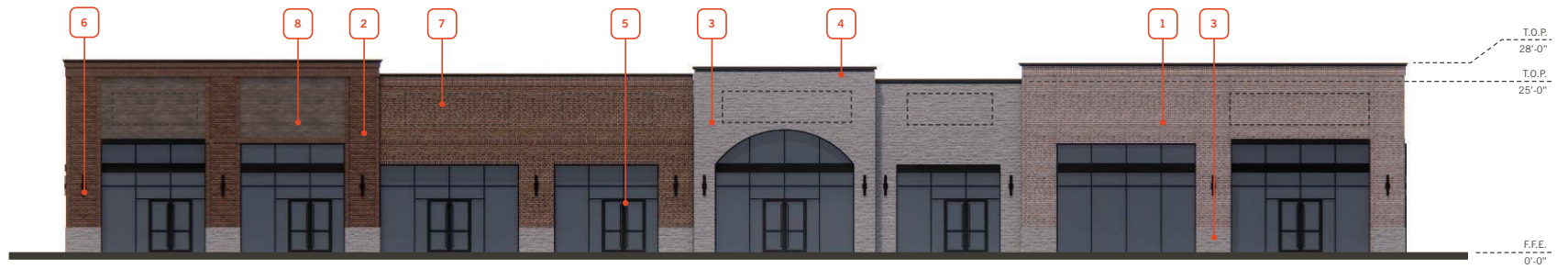


EAST

## KEYNOTES

- |   |                      |   |   |   |                                |    |                                     |
|---|----------------------|---|---|---|--------------------------------|----|-------------------------------------|
| 1 | BRICK - MIDDLE TONE  | 4 | ALUMINUM PRE-FINISHED COPING<br>DARK FINISH | 7 | POTENTIAL LOCATION FOR SIGNAGE | 10 | POTENTIAL LOCATION(S) FOR ART MURAL |
| 2 | BRICK - DARK TONE    | 5 | ALUMINUM STOREFRONT<br>DARK FINISH          | 8 | WOOD VENEER ACCENT             |    |                                     |
| 3 | STACKED STONE VENEER | 6 | EXTERIOR LIGHTING                           | 9 | BRICK EXPRESSION               |    |                                     |





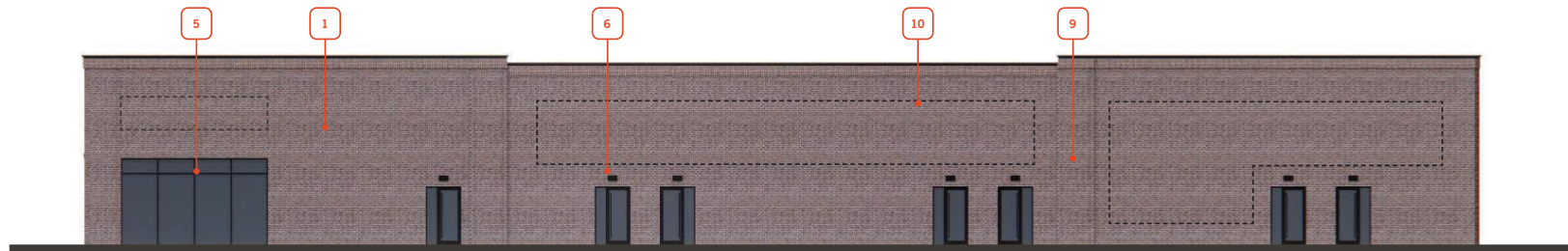
NORTH



EAST



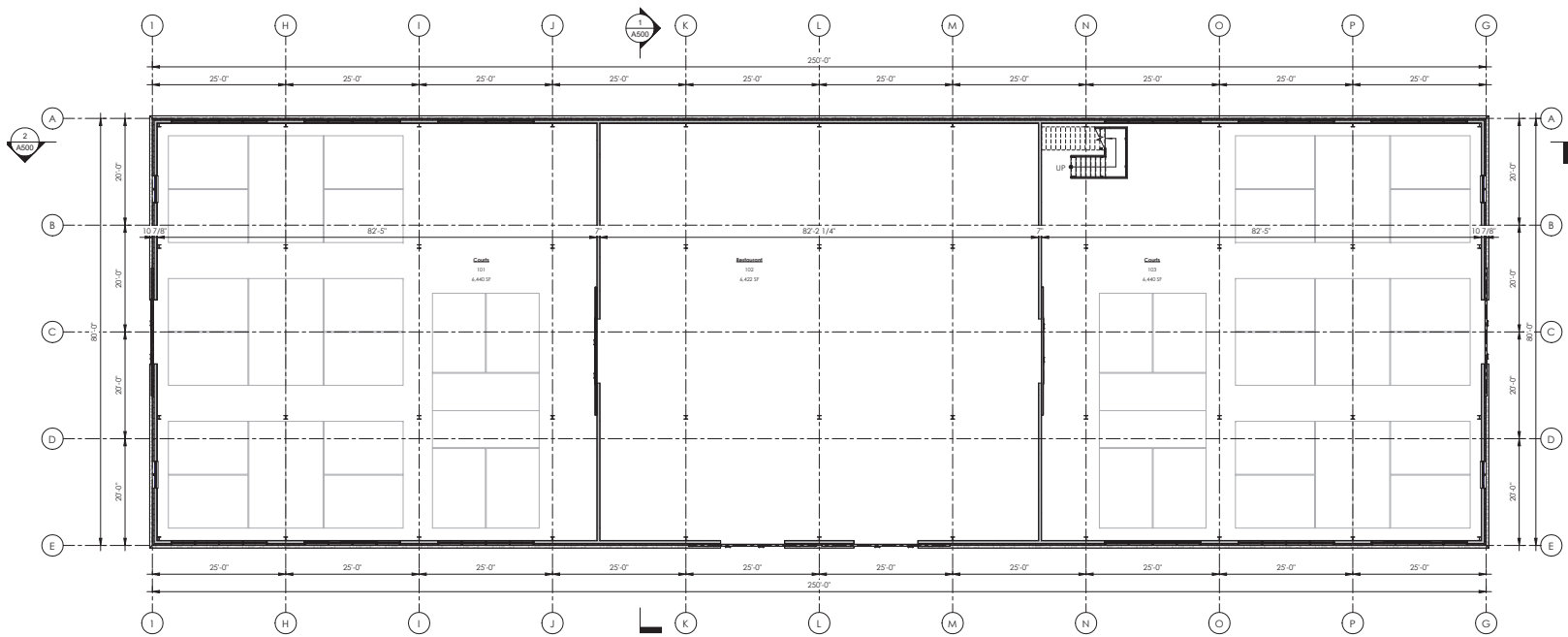
WEST



SOUTH

## KEYNOTES

- |                               |  |   |   |
|-------------------------------|--|---|---|
| <b>1</b> BRICK - MIDDLE TONE  | <b>4</b> ALUMINUM PRE-FINISHED COPING<br>DARK FINISH | <b>7</b> POTENTIAL LOCATION FOR SIGNAGE | <b>10</b> POTENTIAL LOCATION(S) FOR ART MURAL |
| <b>2</b> BRICK - DARK TONE    | <b>5</b> ALUMINUM STOREFRONT<br>DARK FINISH          | <b>8</b> WOOD VENEER ACCENT             |   |
| <b>3</b> STACKED STONE VENEER | <b>6</b> EXTERIOR LIGHTING                           | <b>9</b> BRICK EXPRESSION               |   |





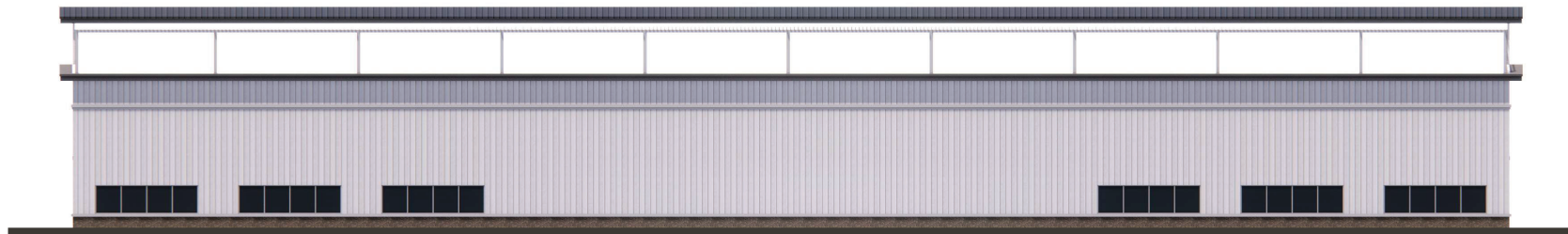
NORTH



EAST



WEST

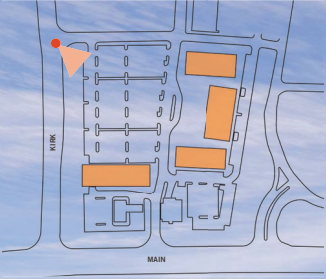


SOUTH

#### KEYNOTES

- 1 ALUMINUM STOREFRONT  
WHITE MULLIONS
- 2 PREFINISHED METAL PANEL  
LIGHT/WHITE
- 3 STACKED STONE VENEER

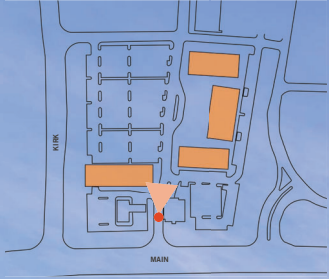
















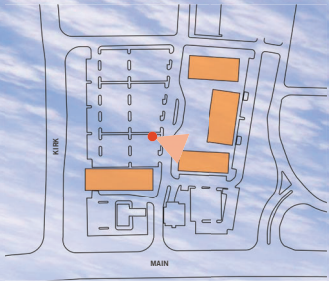










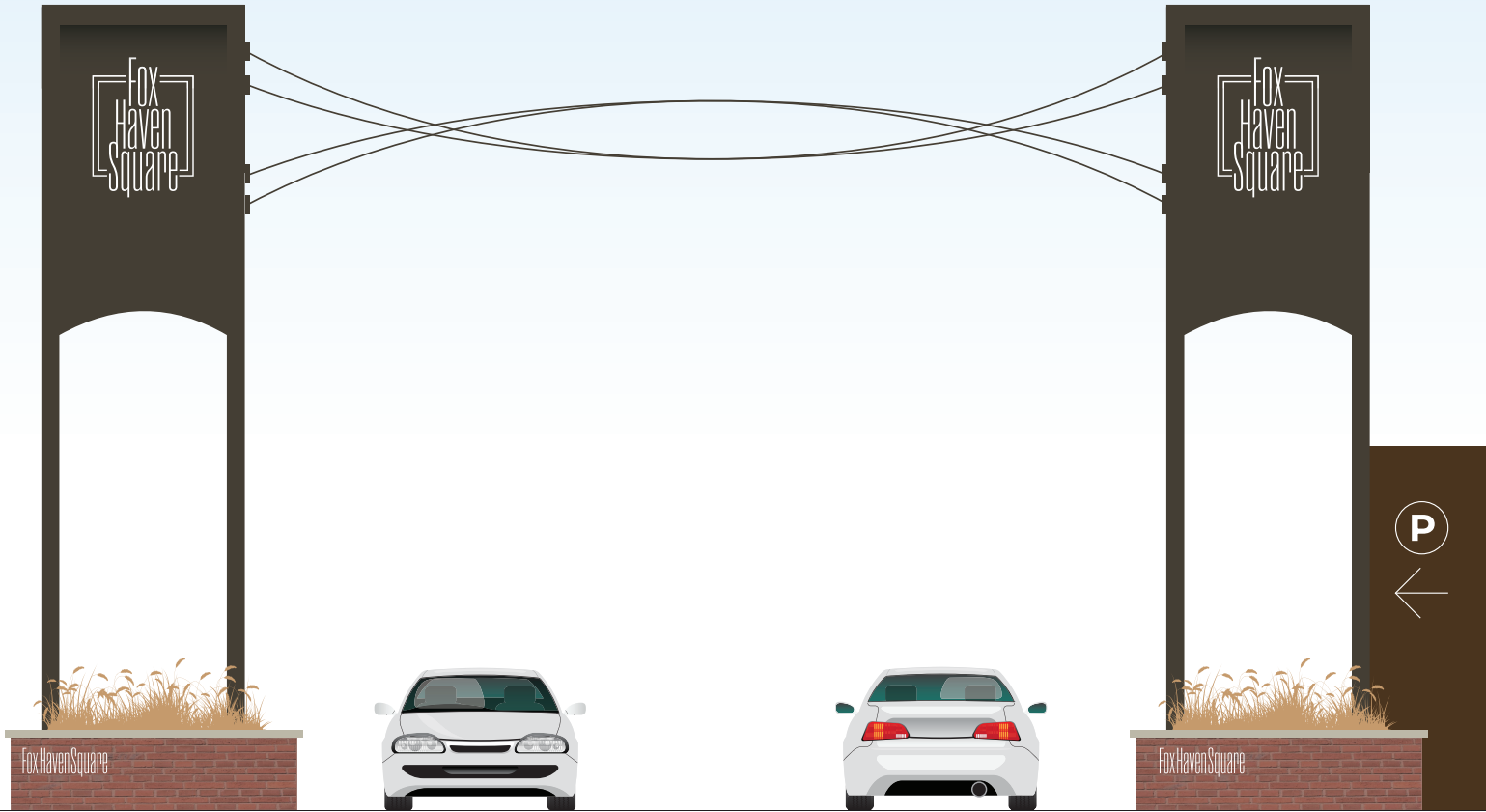






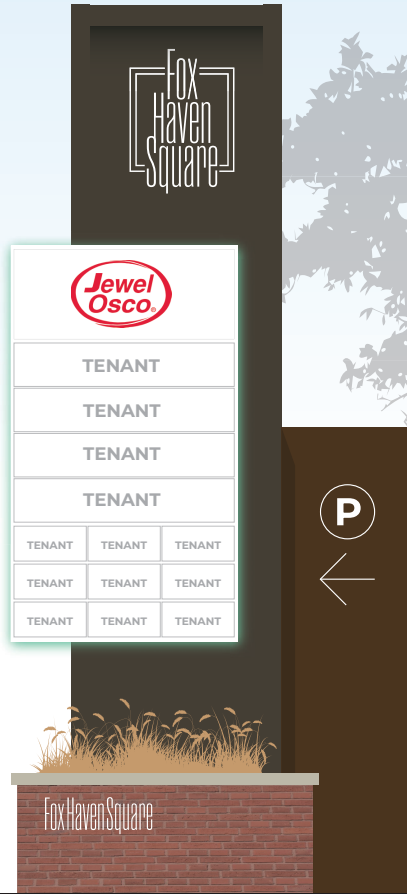




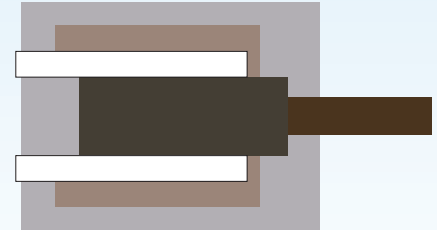




Fox  
Haven  
Square



TOP VIEW



Fox  
Haven  
Square

30  
20  
10



TENANT

TENANT

TENANT

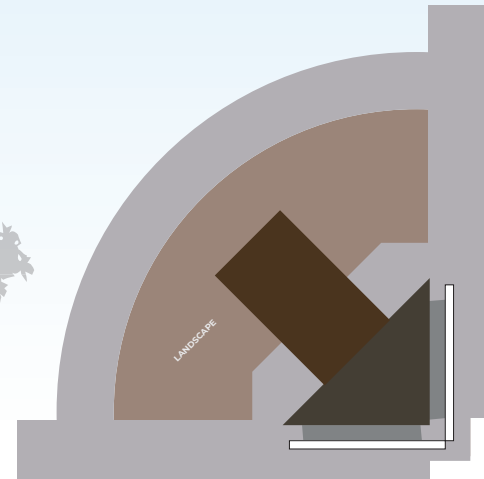
TENANT

TENANT	TENANT	TENANT
TENANT	TENANT	TENANT
TENANT	TENANT	TENANT

FoxHavenSquare

Fox  
Haven  
Square

TOP VIEW



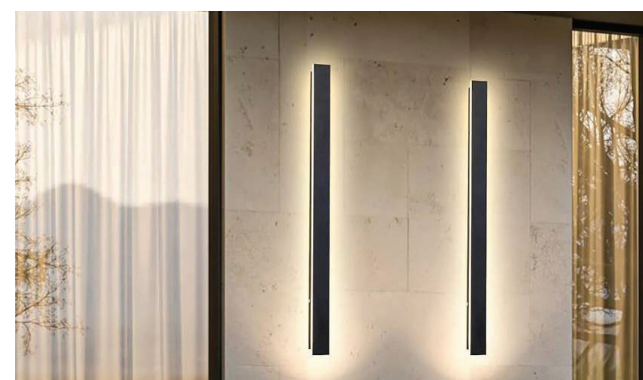
FOX HAVEN SQUARE - ST. CHARLES, IL CHI23-0124-00

SITE SIGNAGE

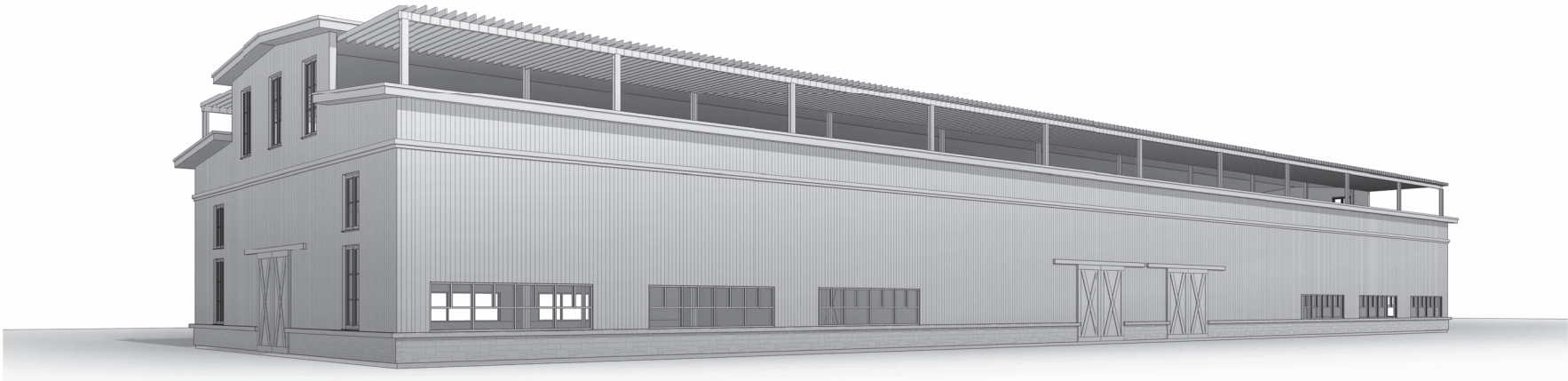
**WARE MALCOMB**  
STATE OF ILLINOIS DESIGN FIRM REGISTRATION NO. 194-004069

04.25.2024





Montauk pickleball



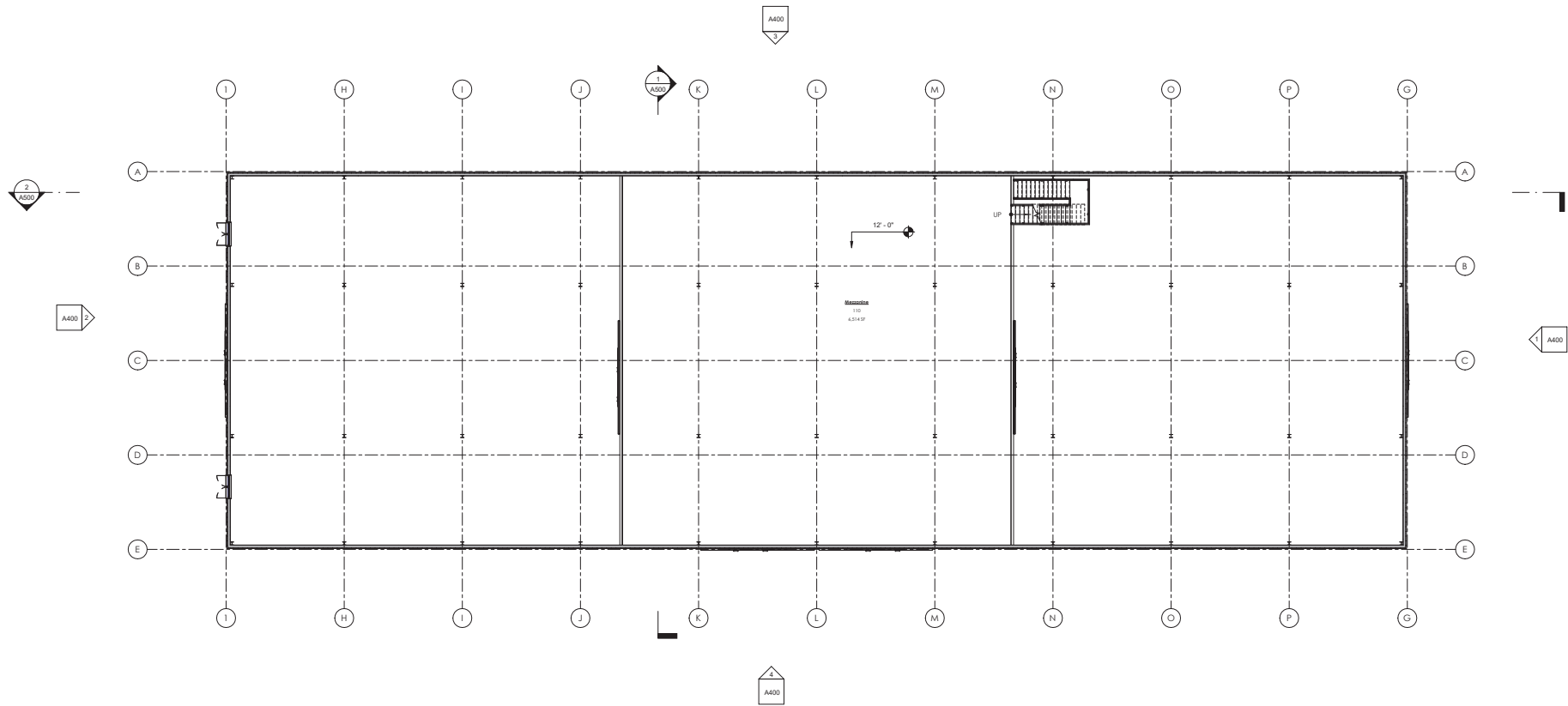
A100	Cover Sheet
A101	General Notes
A210	1ST Floor Plan
A220	Mezzanine Floor Plan
A300	2nd Floor Plan
A310	Roof Plan
A400	Elevations
A500	Sections 1
A600	Details & Schedules
A601	Details & Schedules
A602	Details & Schedules
A603	Details & Schedules
A800	Isometric Views
A900	Perspective views





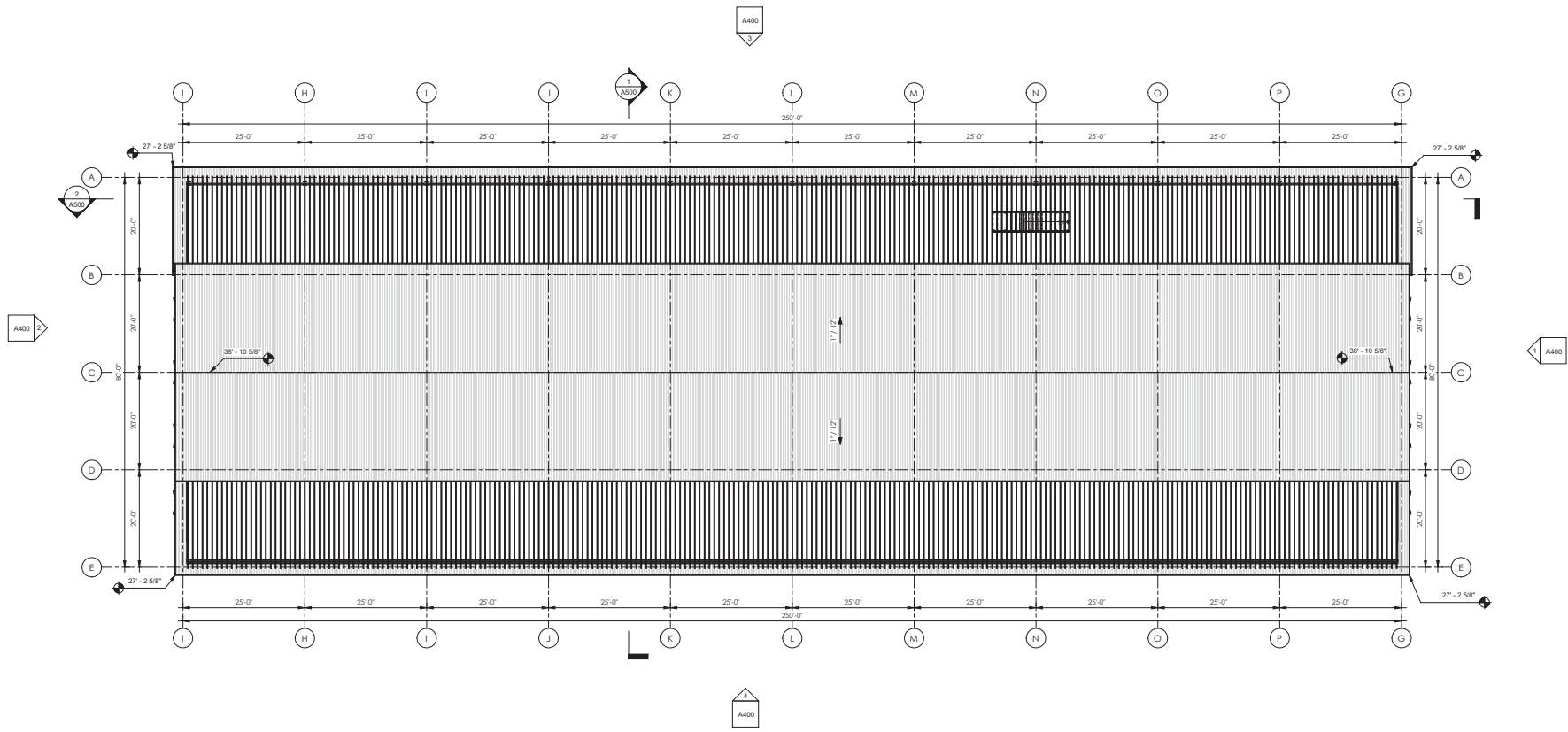


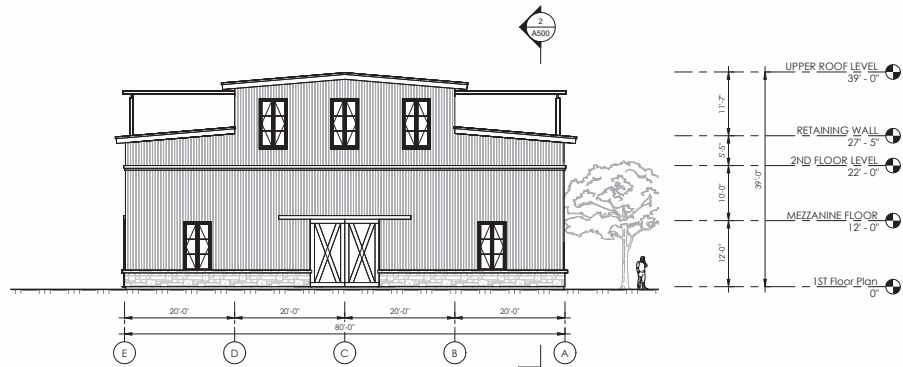
1 MEZZANINE FLOOR  
3/32" = 1'-0"



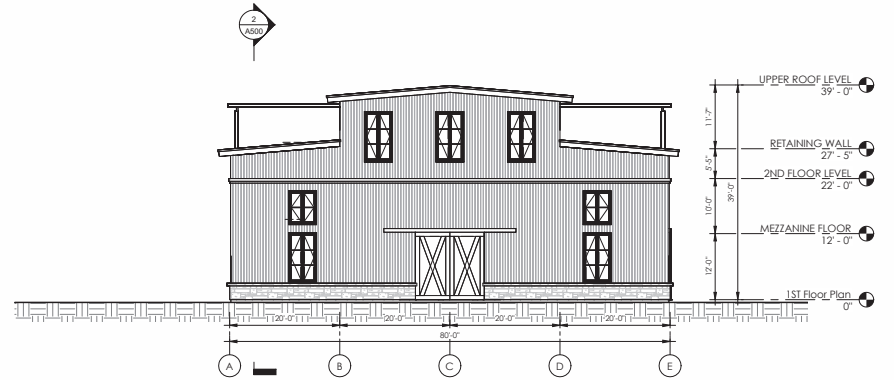


① UPPER ROOF LEVEL  
3/32" = 1'-0"

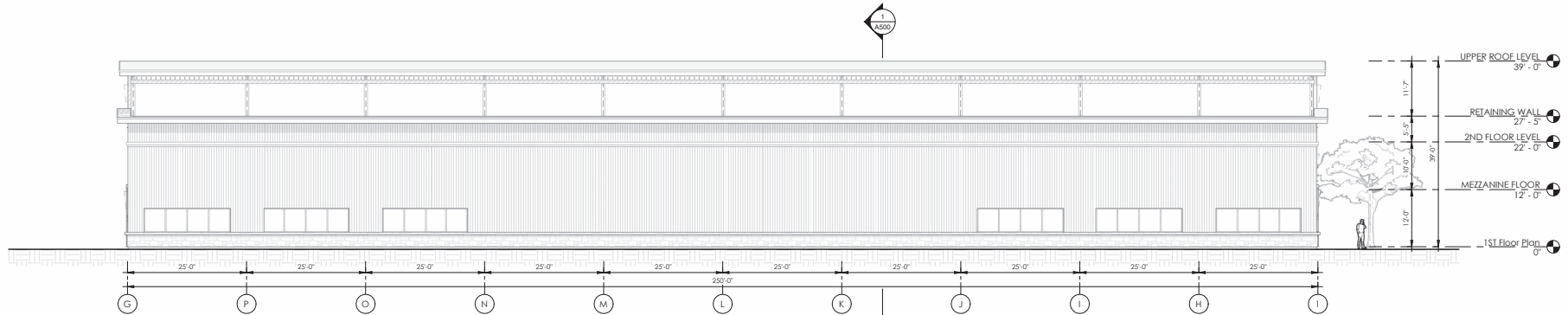




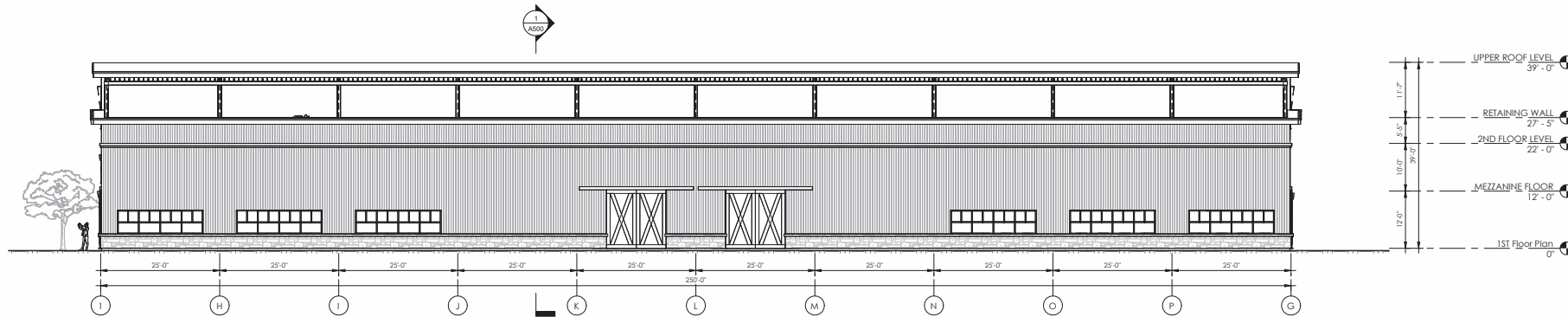
① EAST ELEVATION  
3/32" = 1'-0"



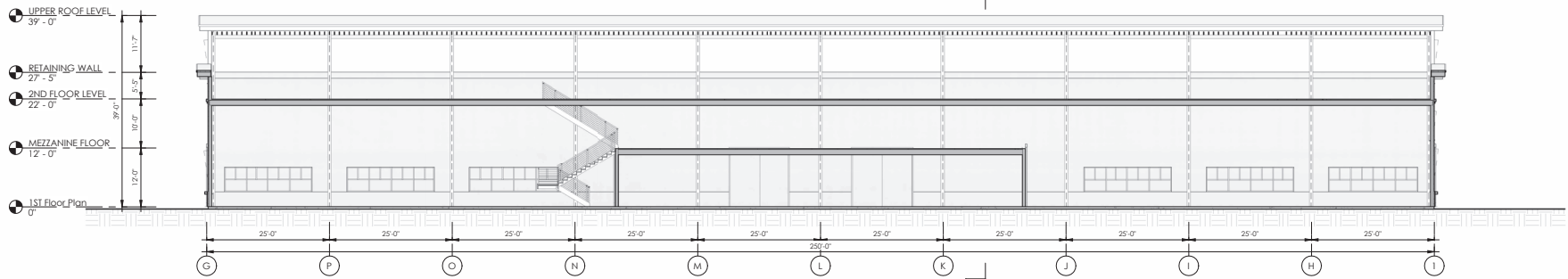
② WEST ELEVATION  
3/32" = 1'-0"



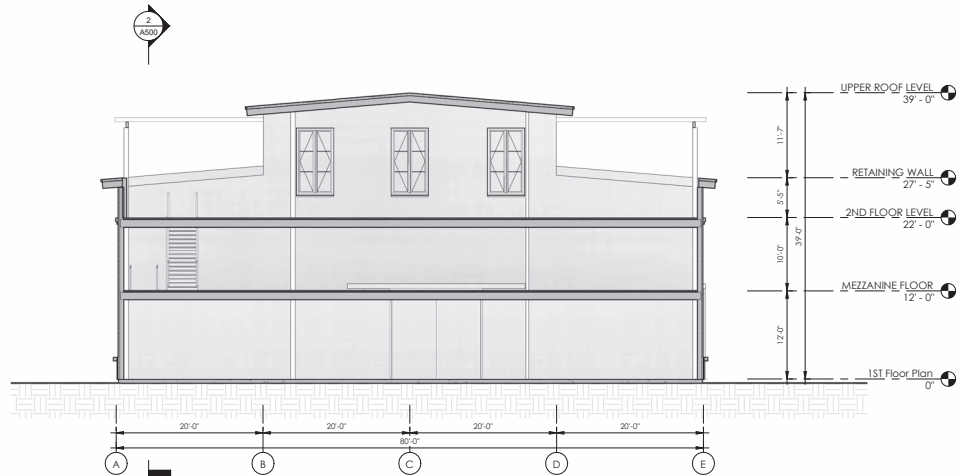
③ NORTH ELEVATION  
3/32" = 1'-0"



④ SOUTH ELEVATION  
3/32" = 1'-0"

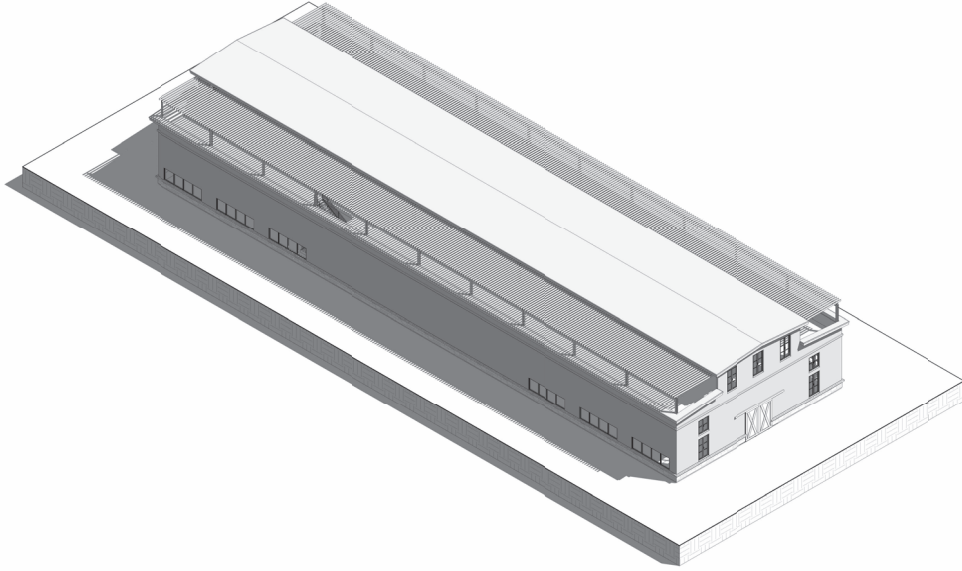


② Section 1  
3/32" = 1'-0"

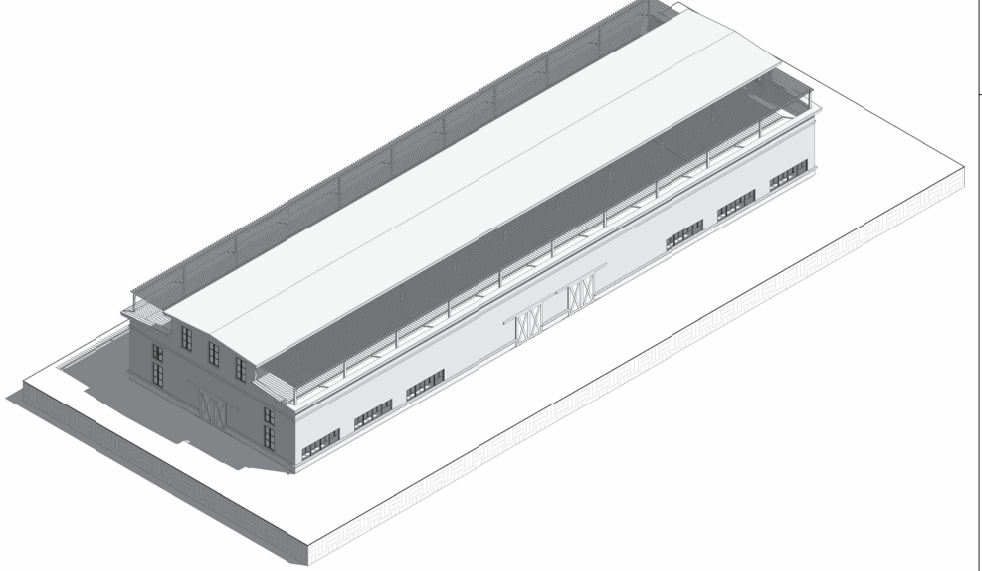


① Section A  
1/8" = 1'-0"

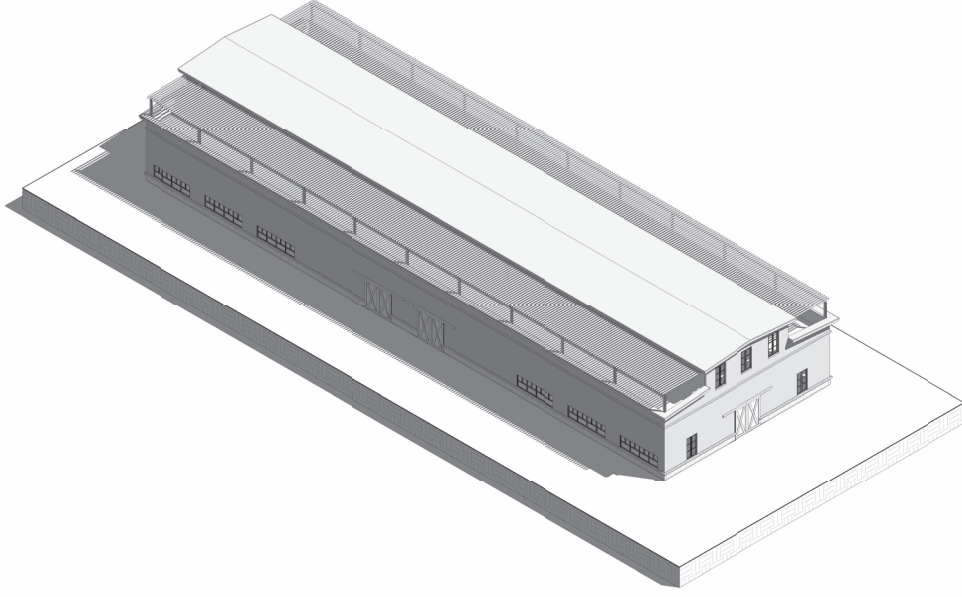




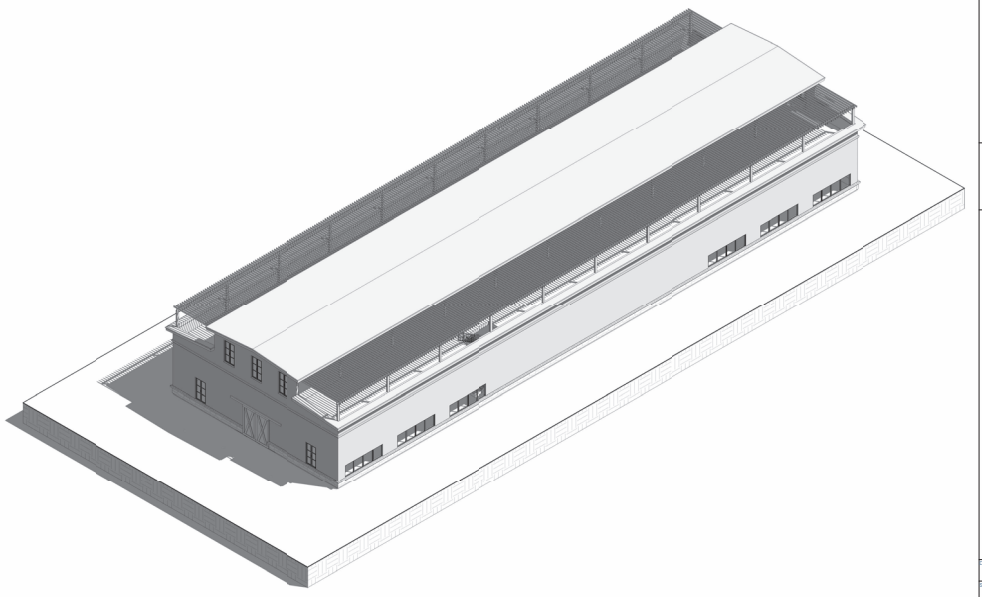
① Isometric 1



② Isometric 2



③ Isometric 3



④ Isometric 4





Staff Report  
Plan Commission Meeting –June 4<sup>th</sup>, 2024

<b>Applicant:</b>	Zach Derrico
<b>Property Owner:</b>	ZJD, LLC
<b>Location:</b>	407 S. 5 <sup>th</sup> St.
<b>Purpose:</b>	Easement Vacation
<b>Application:</b>	N/A
<b>Public Hearing:</b>	N/A
<b>Zoning:</b>	RT-2 (Traditional Single Family)
<b>Current Land Use:</b>	Single-Family
<b>Comprehensive Plan:</b>	Single Family Detached Residential

**407 S 5<sup>th</sup> St.**

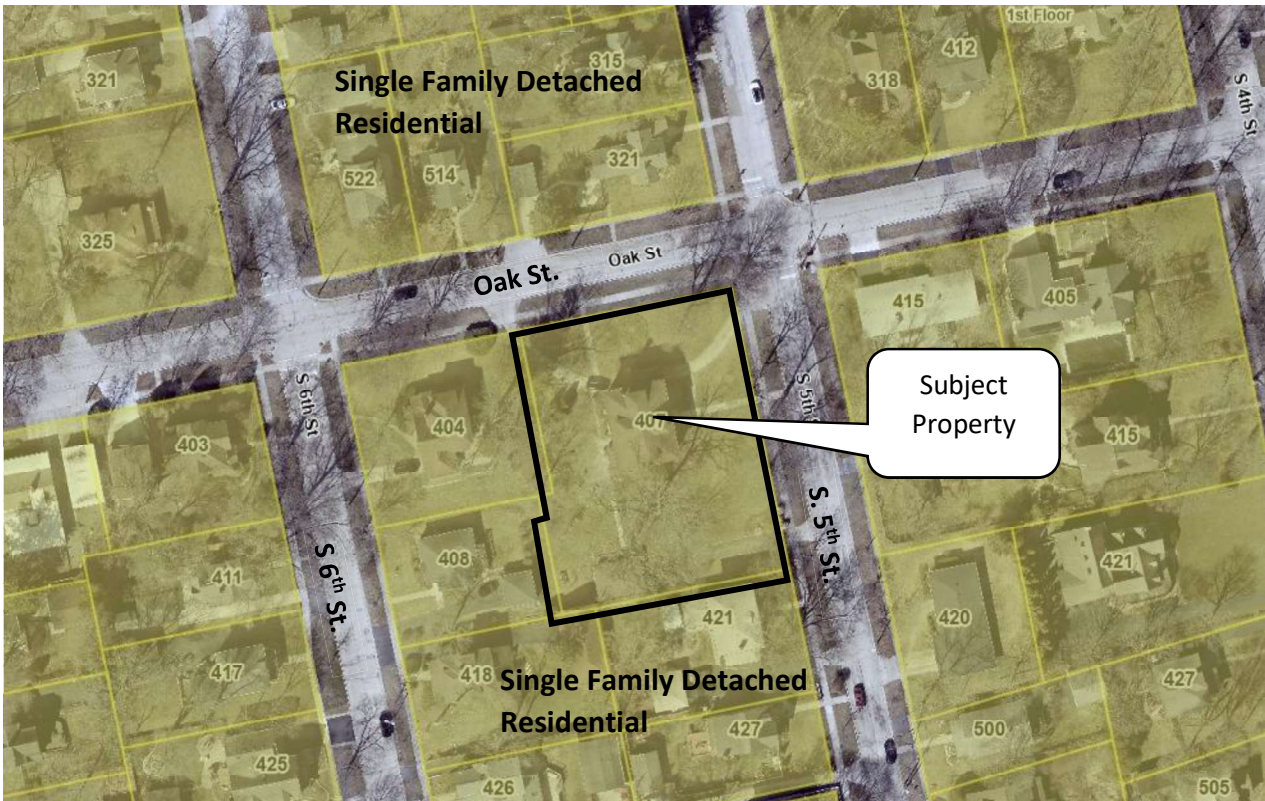


*Subject Property*

<b>Summary of Proposal:</b>	Zach Derrico has requested an easement vacation of 3ft for the property at 407 S 5 <sup>th</sup> St. A subdivision for this parcel was approved in August of 2023 and required a 10ft easement. Mr. Derrico would like the vacation to be able to add an addition onto the relocated garage.
<b>Info / Procedure on Application:</b>	<ul style="list-style-type: none"> <li>• Recommendation is based on compliance with all other code requirements (including Zoning &amp; Subdivision Codes). Staff has provided an analysis in the Staff Report.</li> <li>• A public hearing is not required for this type of application.</li> <li>• No findings of fact are applicable to this application.</li> </ul>
<b>Suggested Action:</b>	<p>Review the Plat of Vacation</p> <p>Staff has found the application materials to be complete and the Plat of Vacation to be in compliance with the Zoning and Subdivision Codes.</p> <p>Staff recommends approval of the Plat of Vacation</p>
<b>Staff Contact:</b>	Rachel Hitzemann, Planner



The subject property is designated Single Family Detached Residential in the Land Use Plan adopted as part of the 2013 Comprehensive Plan. All surrounding properties have the same designation.



## II. PROPOSAL

Zach Derrico would like to Vacate 3ft of the newly created utility easement for the purpose of adding onto the recently relocated garage.

## III. ANALYSIS

### A. Plat Review

10ft Utility easements are required in all rear yards of newly created subdivisions. The Code does allow for modifications to be made to those easements if necessary. There are currently no utilities within the easement. An overhead line runs along the rear yard of the neighbor's property.

Since the original subdivision is older, there are no easements on other lots within the subdivision.

Staff has no issues with the proposed vacation.

### B. Historic Commission

The Historic Commission has reviewed the architectural designs for the garage and have given approval for the garage addition.

## IV. SUGGESTED ACTION

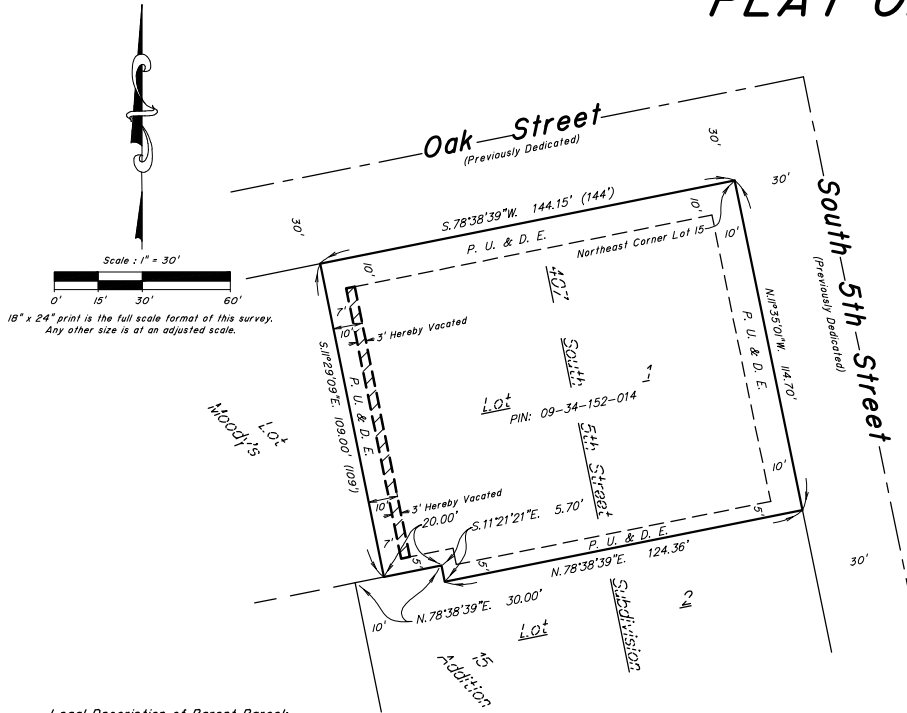
Staff recommends approval of the Plat of Vacation

## V. ATTACHMENTS

- Plat of Vacation; received 5/29/24



# PLAT OF VACATION



## Legal Description of Parent Parcel:

Lot 1 of 407 South 5th Street Subdivision, being a subdivision of that part of Lot 15 of Moody's Addition to St. Charles, in the City of St. Charles, Kane County, Illinois according to the plat thereof recorded December 28, 2023 as Document 2023K045174.

## Legal Description of Public Utility and Drainage Easement Hereby Vacated:

The East 3 feet of the West 10 feet (except the North 10 feet and the South 5 feet thereof) of Lot 1 of 407 South 5th Street Subdivision, being a subdivision of part of Lot 15 of Moody's Addition to St. Charles, in the City of St. Charles, Kane County, Illinois.

## Legend



Indicates Public Utility & Drainage Easement Hereby Vacated



Indicates Property Line



Indicates Easement Line

P. U. & D. E. Indicates Public Utility & Drainage Easement



PREPARED BY:



ASM Consultants, Inc.  
16 E Wilson St. Batavia IL 60510  
(630) 879-0200 - advanced@advct.com  
Professional Design Firm #184-006014  
Expires 4/30/2025

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## Owner's Certificate:

State of Illinois } ss  
County of Kane }

This is to certify that Robert Greenlee and Brook Greenlee are the owners Lot 1 of 407 South 5th Street Subdivision and has caused the same to be platted as indicated hereon, for the uses and purposes therein set forth and does hereby vacate the public utility and drainage easements as shown hereon.

Dated this \_\_\_\_th day of \_\_\_\_\_ A.D., 2024.

By: \_\_\_\_\_  
Robert Greenlee (Owner)

By: \_\_\_\_\_  
Brook Greenlee (Owner)

## Notary Public:

State of Illinois } ss  
County of Kane }

I, \_\_\_\_\_, a notary public in and for the County and State aforesaid, do hereby certify that Robert Greenlee and Brook Greenlee who, are personally known to me to be the same whose names are subscribed to the foregoing certificate, appeared before me this day in persons and acknowledged that they did sign and deliver this instrument as a free and voluntary act for the uses and purposes herein set forth.

Given under my hand and notarial seal this \_\_\_\_th day of \_\_\_\_\_, A.D., 2024.

Notary Public  
My commission expires \_\_\_\_\_

## Mortgagee's Certificate:

State of Illinois } ss  
County of Kane }

Approved and accepted by The Harvard State Bank, as Mortgagee.

Dated at \_\_\_\_\_ this \_\_\_\_th day of \_\_\_\_\_, 2024.

By: \_\_\_\_\_ Attest: \_\_\_\_\_

## Notary Public:

State of Illinois } ss  
County of Kane }

I, \_\_\_\_\_, a notary public in and for the County and State aforesaid, do hereby certify that \_\_\_\_\_ and \_\_\_\_\_ who, are personally known to me to be the same whose names are subscribed to the foregoing certificate, appeared before me this day in persons and acknowledged that they did sign and deliver this instrument as a free and voluntary act for the uses and purposes herein set forth.

Given under my hand and notarial seal this \_\_\_\_th day of \_\_\_\_\_, A.D., 2024.

Notary Public  
My commission expires \_\_\_\_\_

## Owner's Certificate:

State of Illinois } ss  
County of Kane }

This is to certify that ZJD LLC is the owner Lot 2 of 407 South 5th Street Subdivision and does hereby consent to vacate the public utility and drainage easements as shown hereon.

Dated this \_\_\_\_th day of \_\_\_\_\_ A.D., 2024.

By: \_\_\_\_\_  
ZJD LLC, by Zachary Derrico, Managing Member

## Notary Public:

State of Illinois } ss  
County of Kane }

I, \_\_\_\_\_, a notary public in and for the County and State aforesaid, do hereby certify that Zachary Derrico is personally known to me to be the same whose name is subscribed to the foregoing certificate, appeared before me this day in persons and acknowledged that they did sign and deliver this instrument as a free and voluntary act for the uses and purposes herein set forth.

Given under my hand and notarial seal this \_\_\_\_th day of \_\_\_\_\_, A.D., 2024.

Notary Public  
My commission expires \_\_\_\_\_

## City Council Certificate:

Approved and accepted this \_\_\_\_th day of \_\_\_\_\_, A.D., 2024.

Dated this \_\_\_\_th day of \_\_\_\_\_, 2024.  
City Council of City of St. Charles, Illinois.

Mayor  
Attest: \_\_\_\_\_  
City Clerk

## Surveyor's Certificate:

State of Illinois } ss  
County of Kane }

I, Shawn R. VanKampen, Illinois Professional Land Surveyor No. 2170, do hereby certify that the plat hereon drawn was prepared under my direction for the purpose of vacating a public utility and drainage easement as hereon shown and is a correct representation of said easement.

Date at Batavia, Illinois, this 29th day of May, 2024.

**PRELIMINARY**

Shawn R. VanKampen  
Illinois Professional Land Surveyor No. 2710  
License expiration date: November 30, 2024

