



690 Chesterfield Pkwy W • Chesterfield MO 63017-0760 Phone: 636-537-4000 • Fax 636-537-4798 • www.chesterfield.mo.us

Architectural Review Board Staff Report

Meeting Date: September 14, 2023

From: Isaak Simmers, Planner

Location: 16801 Baxter Road

Description: Jewish Community Center Association, 3rd ASDP: An Amended Site

> Development Plan, Landscape Plan, Lighting Plan, Amended Architectural Elevations, and Architectural Statement of Design for an 11.4-acre tract of land located at the NE corner of the intersection of Baxter Road and Wild

Horse Creek Road.

PROPOSAL SUMMARY

Stock & Associates, on behalf of the Jewish Community Center Association, has submitted an Amended Site Development Plan, Landscape Plan, Lighting Plan, Amended Architectural Elevations, and Architectural Statement of Design for a proposed exterior renovation, which will include a new entrance facade at the existing main entrance, a new adult day care entrance, as well as enhanced landscaping and a garden for patrons.

HISTORY OF SUBJECT SITE

1994: JCCA applied for Conditional Use Permit No.16 for a not-for-profit community center and recreational facility with accessory uses

1996: Planning Commission approved SDSP

1997: Planning Commission approved revised parking

layout ASDP

1998: Planning Commission approved Outdoor Pool

SDSP



Figure 1: Subject Site

2016: Planning Commission approved playground renovation ASDP

STAFF ANALYSIS

The Unified Development Code's Architectural Review Design Standards are broken down into two (2) areas of review: Site Design and Building Design.

General Requirements for Site Design are further broken down into the following categories:

- Site Relationship
- Circulation and Access

- Topography & parking
- Retaining Walls

General Requirements for Building Design are further broken down into the following categories:

- Scale
- Design
- Materials & Color

- Landscape Design & Screening
- Signage
- Lighting

Conditional Use Permit No.16 includes specific site and building design criteria for not-for-profit recreational land uses, and community centers in an R-2 Zoning District including but not limited to lighting and landscape requirements.

A. Site Relationship

The Jewish Community Center is located at the northeast corner of Baxter Road and Wild Horse Creek Road. The site is surrounded by Chesterfield Farms residential subdivision, Villas at Chesterfield Bluffs residential subdivision, and Seventh Day Adventist Church to the east, and Ascension Catholic School and Church to the north and west. Wildhorse Baxter Center Subdivision is to the south and undeveloped.



Figure 2: Site Relationship

Circulation & Access

The subject site has two access points: one along Baxter Road and one along Highland Acres. The proposed amendment includes the addition of three landscape islands and a drive aisle, which will shift existing parking and alter traffic circulation at the entrance off Baxter Road. The amended site plan also includes a proposed drop-off zone in front of the adult daycare entrance outlined in Figure 3 (right).



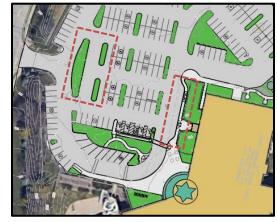


Figure 3: Circulation and access before (left) and proposed (right)

B. Topography

The site is generally flat, with the majority of the lot utilized for parking and an athletic field. The southernmost portion of the site along Wild Horse Creek Road is at the lowest grade. There is roughly a 15–18-foot grade difference between the south elevation and the parking area. Per Conditional Use Permit No. 16 requirements, there is an existing berm at least six (6) feet in height along Wild Horse Creek Road and Baxter Road.

C. Scale

The existing building is one story with a walk-out lower level and is comparable in height at its highest point to the surrounding schools and churches. The proposed renovation does not change the recorded height of the building.

D. Materials & Color

The building is mainly comprised of orange brick veneer and tan split-face masonry veneer, with some EIFS on the rear of the building. The material will remain; however, the orange brick veneer will be painted to coordinate with the proposed metal panels surrounding the renovated front entrance. The existing asphalt shingle roof system around the perimeter of the building will be replaced. Ornamental black iron gates and fencing are proposed along the garden outside the adult day care with stone-capped, tan split-faced CMU pilasters.



Figure 4: West Elevation

E. Landscape Design & Screening

All-natural vegetation will be maintained where it does not interfere with construction and all new vegetation aims to match and enhance the existing landscaping. The applicant has provided a mixture of trees and shrubs for Parking Islands. There are various screening methods already established for the site and there is no new screening proposed.

F. Lighting

Site lighting exists and will be upgraded to new LED fixtures. The plan proposes the relocation of an existing art installation and light pole, in addition to new Bollard lighting along the new landscaped sidewalk. The lighting cutsheets may be found in the Applicant's packet. No specialty lighting is proposed for the site.





Figure 5: Bollard Light Fixture (Left) and the GLEON Galleon Light Fixture (Right)

RENDERING



DEPARTMENT INPUT

Be advised, this project is still going through development review by City Staff and will not proceed to the Planning Commission until all outstanding items have been addressed. All recommendations made by the Architectural Review Board will be included in Staff's report to the Planning Commission.

Staff requests review on the Amended Site Development Plan, Landscape Plan, Lighting Plan, Amended Architectural Elevations, and Architectural Statement of Design for an 11.4-acre tract of land located at the NE corner of the intersection of Baxter Road and Wild Horse Creek Road (Jewish Community Center Association).

MOTION

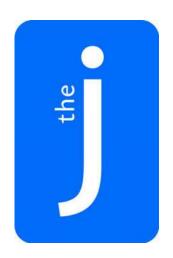
The following options are provided on the Architectural Review Board for consideration relative to this application:

"I move to forward the Amended Site Development Plan, Landscape Plan, Lighting Plan, Amended Architectural Elevations, and Architectural Statement of Design for the Jewish Community Center Association ASDP as presented, with a recommendation for approval (or denial) to the Planning Commission."

"I move to forward the Amended Site Development Plan, Landscape Plan, Lighting Plan, Amended Architectural Elevations, and Architectural Statement of Design for the Jewish Community Center Association ASDP to the Planning Commission with a recommendation for approval with the following recommendations..."

Attachments:

1. Architectural Review Packet Submittal



RENOVATION of the MARILYN FOX BUILDING COMMUNITY CENTER BUILDING

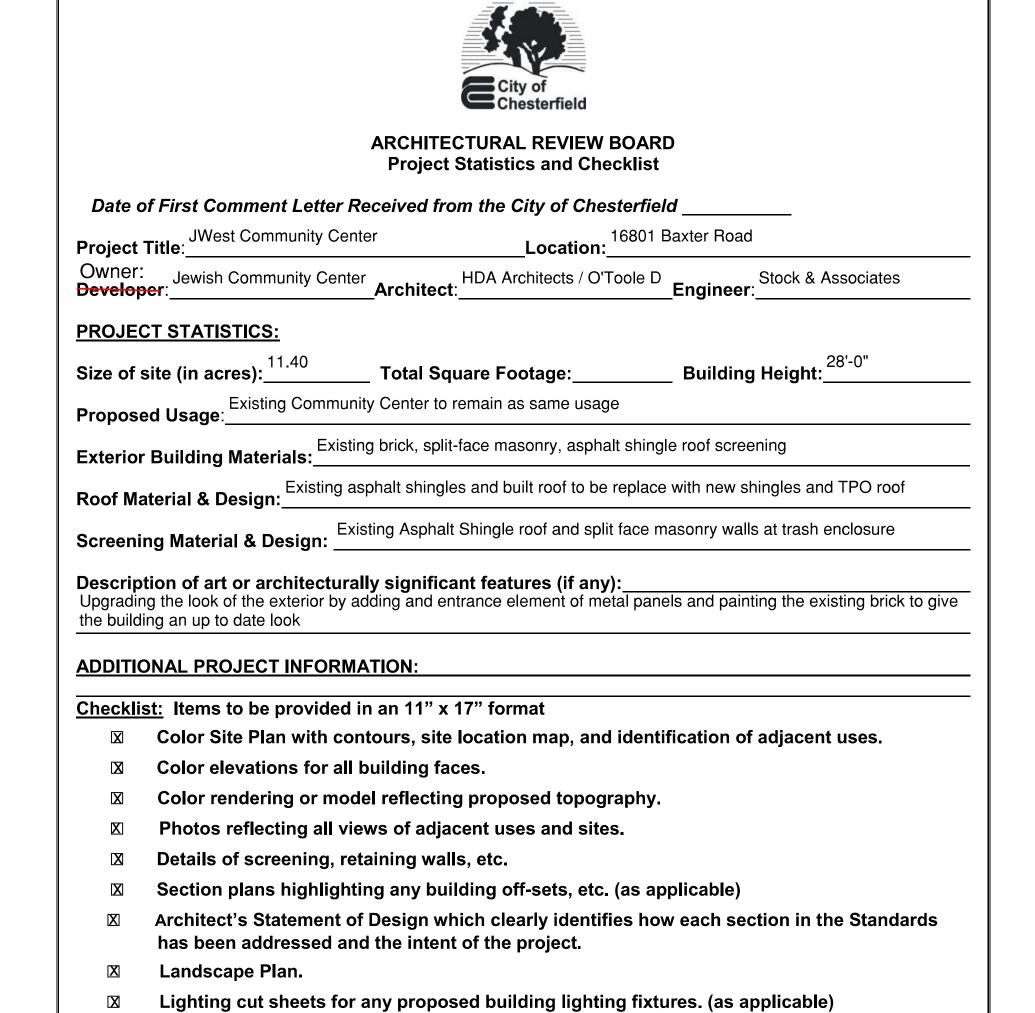
ARCHITECTURAL REVIEW BOARD SUBMITTAL PACKAGE

JULY 24, 2023 REVISED - AUGUST 14, 2023

OWNER:

Jewish Community Center Association 2 Millstone Campus Drive St Louis, Missouri 63146 | **ARCHITECT:**





☑ Pdf files of each document required.

ARB 06/2020

☐ Any other exhibits which would aid understanding of the design proposal. (as applicable)

690 Chesterfield Parkway West, Chesterfield, MO 63017-0760

Ph. (636)537-4746 Fax (636)537-4798 <u>www.chesterfield.mo.us</u>

ARCHITECTURAL REVIEW DESIGN STANDARDS Please refer to Section 04-01 of the Unified Development Code for the Architectural Review ARCHITECTURAL TERMS Please refer to Section 10-06 of the Unified Development Code for definitions of Architectural Terms. 690 Chesterfield Parkway West, Chesterfield, MO 63017-0760 Ph. (636)537-4746 Fax (636)537-4798 <u>www.chesterfield.mo.us</u> ARB 06/2020

Page 2 of 2



<u>The JWest – Architectural Statement</u>

The existing JWest Community Center will be undergoing an exterior facelift, which will include a new entrance façade at the existing main entrance, a new Adult Day Care entrance, as well as enhanced landscaping and garden are for patrons. The new facelift will bring the building into the current look of buildings in the surrounding City of Chesterfield, while maintaining its strong presence as Community Center.

Site Relationship – The JWest is located at the corner of Wild Horse Creek Road and Baxter

Circulation and access – The JWest has two entrances from Baxter Road to the development.

Topography – The site is relatively flat at the Main Entrance level to the building the grades slope away from the building at the rear of the building towards Ascension School.

Retaining walls – There are retaining walls in the existing pool area from the main level and at the playground area that will remain.

Design Materials – The existing building consists of brick veneer and split-face masonry veneer with some EIFS on the rear of the building. The material will remain; however, the existing brick veneer will be painted to coordinate with the new metal panels being added at the Main entrance. The existing asphalt shingle roof system around the perimeter of the building will be replaced with new asphalt shingles.

Landscape and Screening – The new landscape plan that has been designed will match and enhance the existing landscaping and will comply with the guidelines established by the City of Chesterfield. There are various screening methods already established for the development and there will be no new screening required.

Site Lighting – The Site Lighting exists and will be upgraded to new LED lighting and meeting the City of Chesterfield ordinance.

P: 636-449-1175 4565 McRee Ave., Suite 100 St. Louis, MO 63110





Page 1 of 2





MAIN ENTRANCE FROM BAXTER ROAD



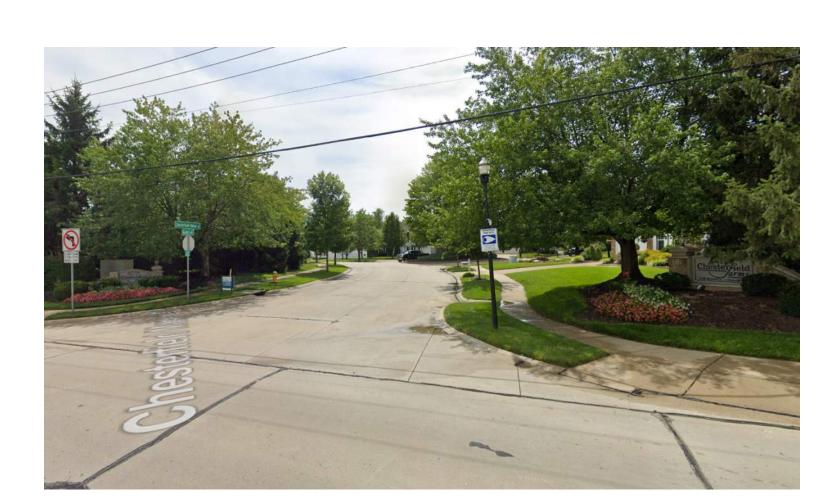
BAXTER ROAD & WILD HORSE CREEK ROAD



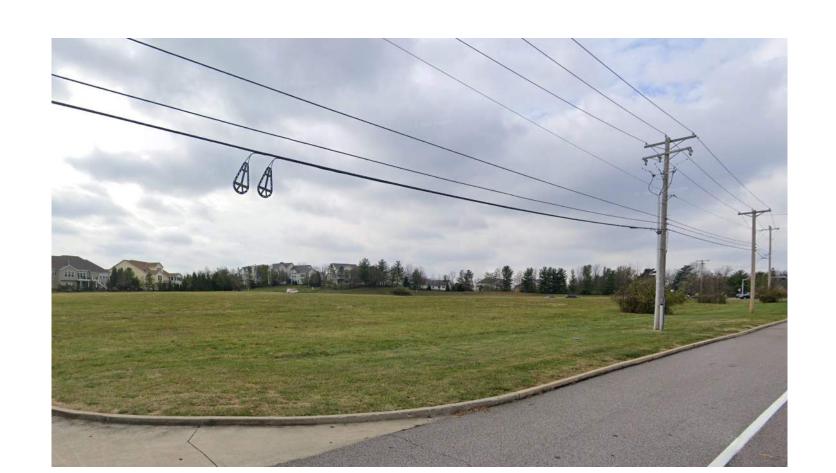
WILD HORSE CREEK ROAD



ADJACENT PROPERTY - HIGHLAND SCHOOLS



ADJACENT PROPERTY -CHESTERFIELD FARM SUBDIVISION



ADJACENT PROPERTY - OPEN PROPERTY



ADJACENT PROPERTY - ACENSION SCHOOL



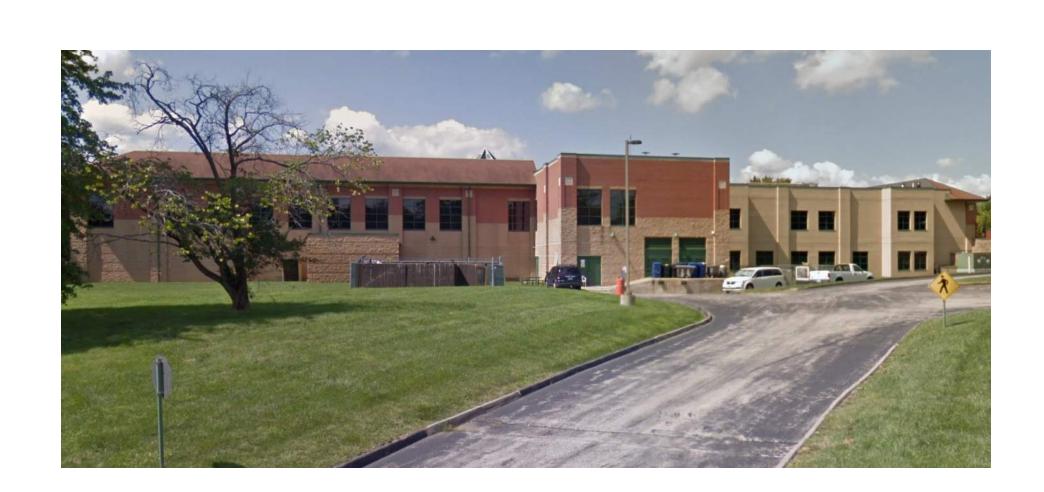
JCC WEST BUILDING - NORTH



JCC WEST BUILDING - WEST



JCC WEST BUILDING - SOUTH



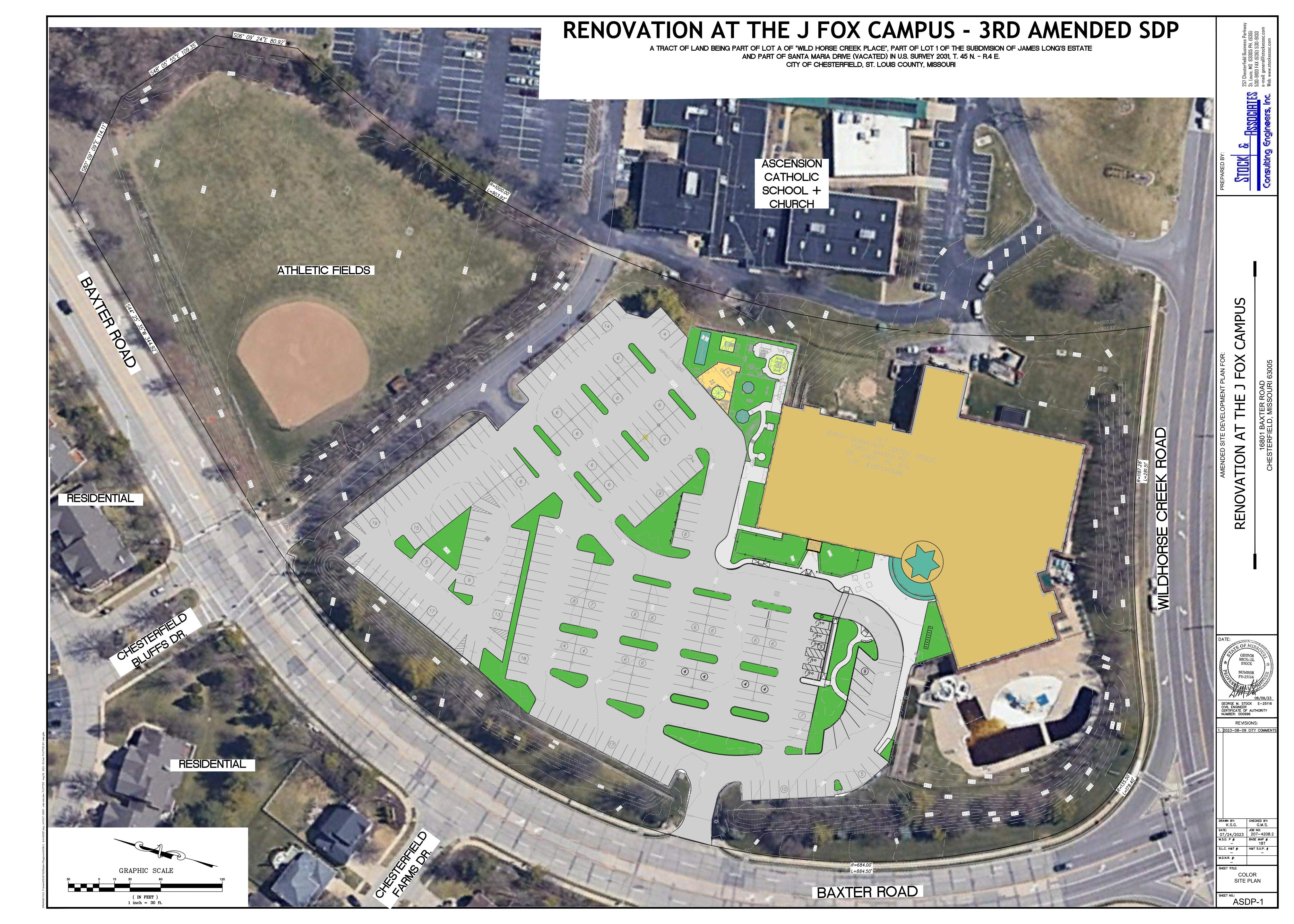
JCC WEST BUILDING - EAST



ADJACENT PROPERTY -ACENSION SCHOOL SOUTH



ADJACENT PROPERTY -ACENSION SCHOOL NORTHWEST







JCC WEST - EXISTING AND PROPOSED ENTRY VIEWS

















3 SOUTH ELEVATION - PLANNING
3/32" = 1'-0"



WEST ELEVATION - PLANNING

3/32" = 1'-0"

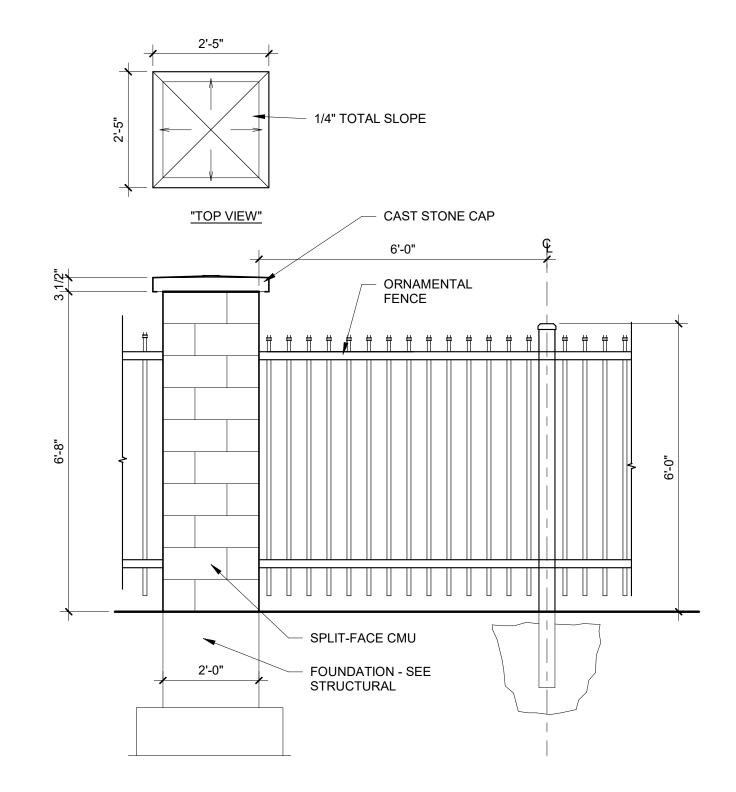






J WEST FOX BUILDING - RENOVATION

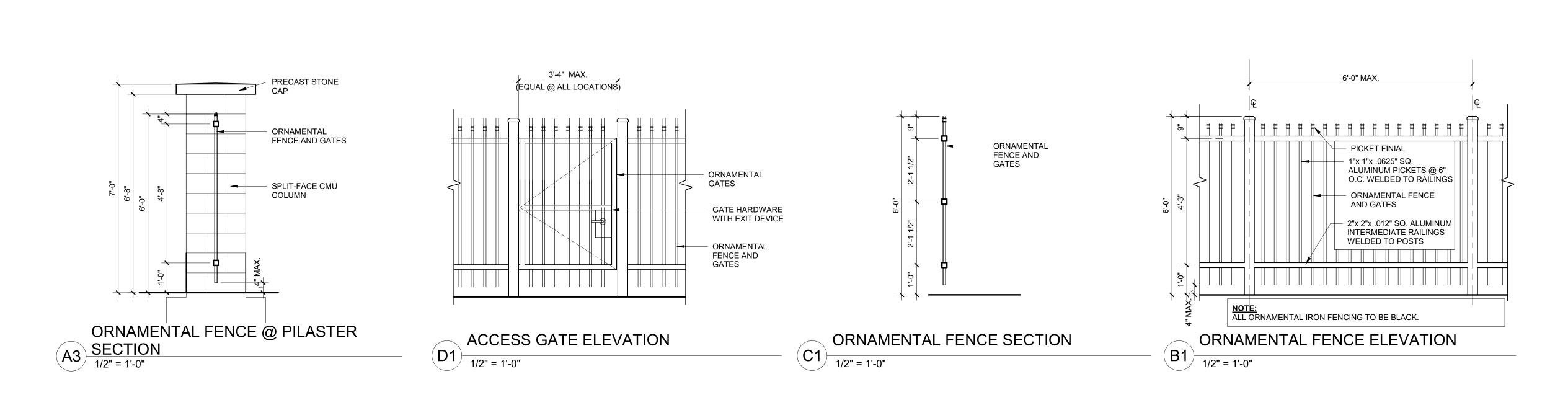
otoole – DA



ORNAMENTAL FENCE & PILASTER

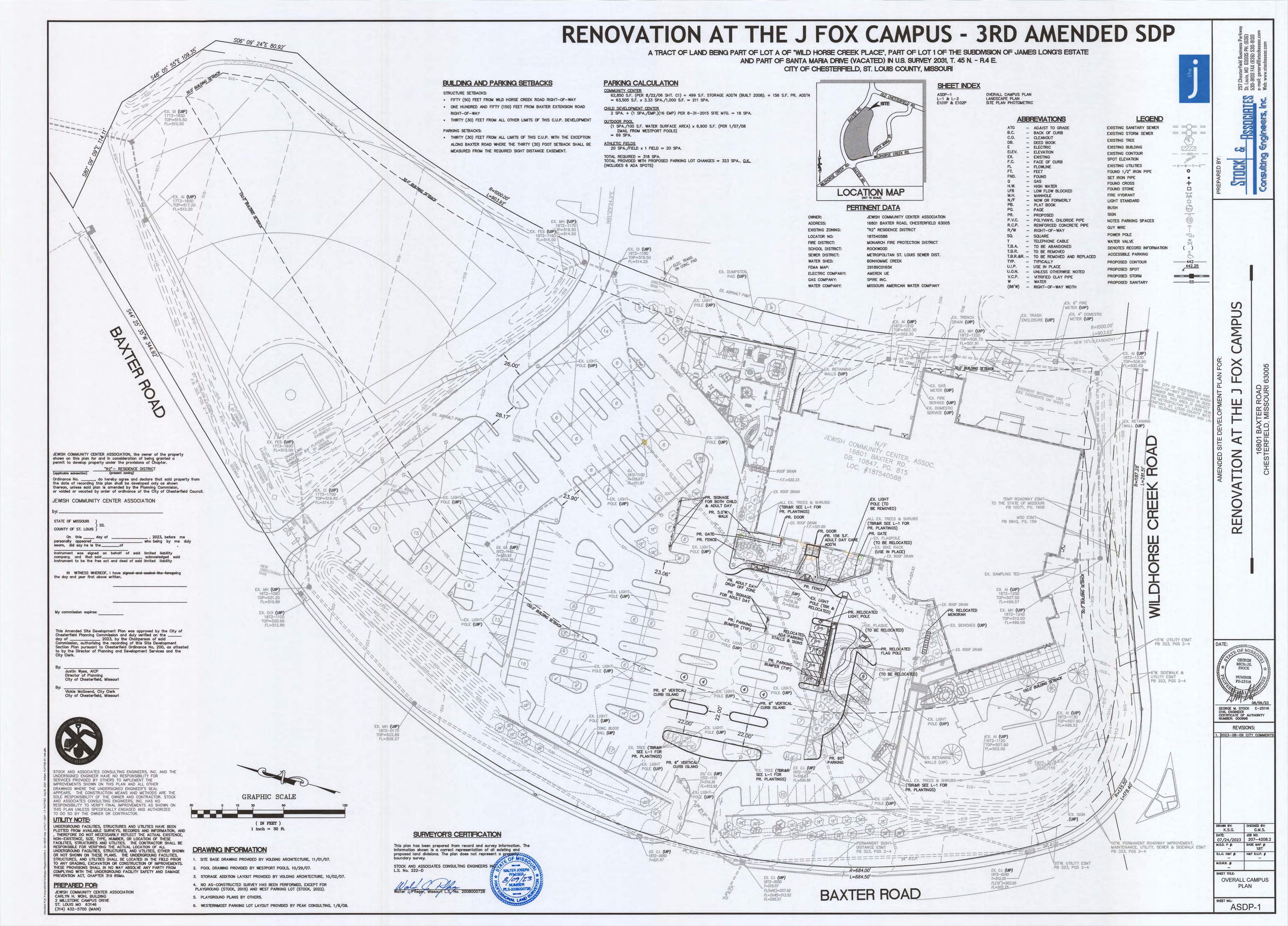
ELEVATION

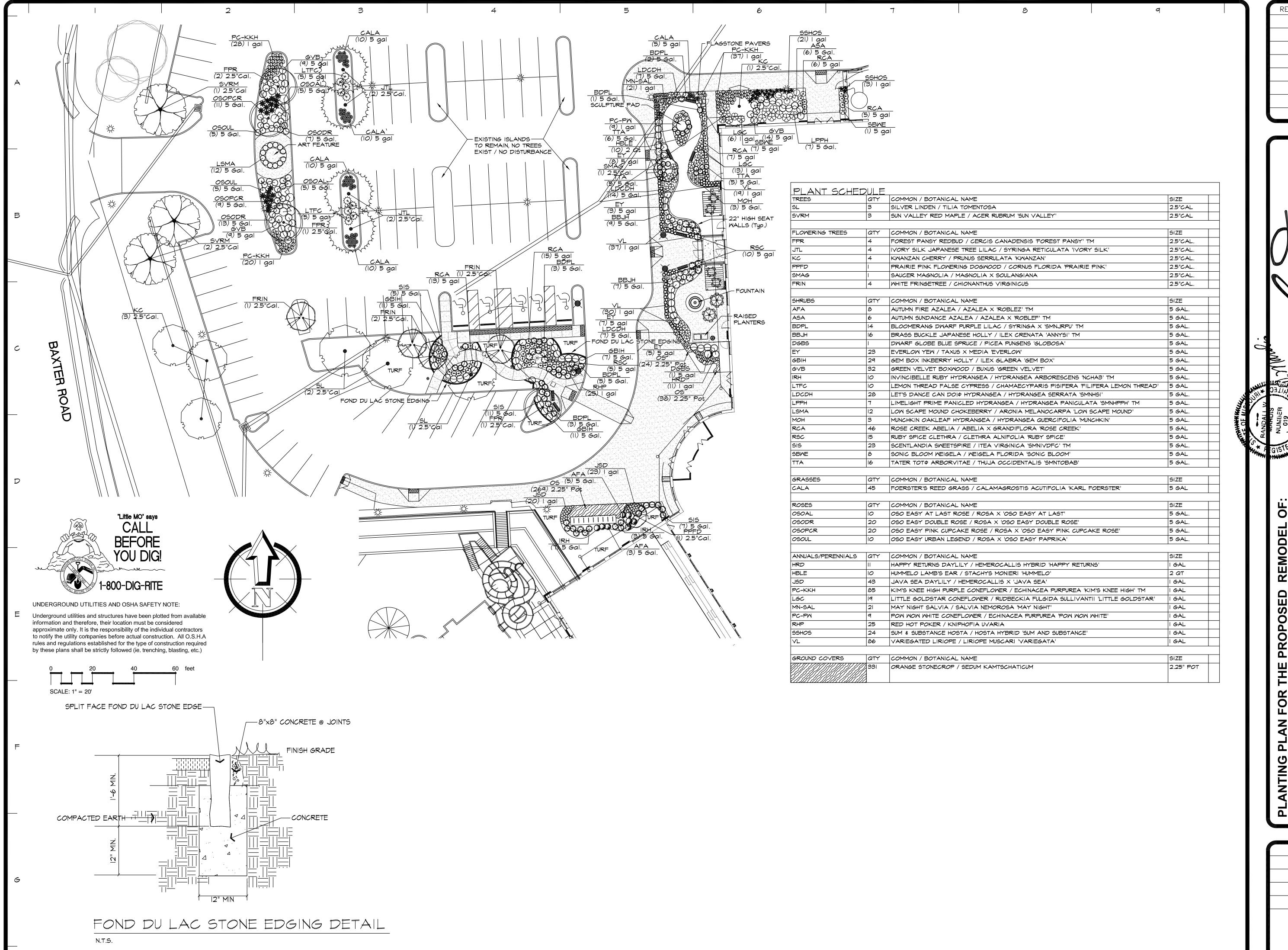
1/2" = 1'-0"





PERSPECTIVE VIEW OF BUILDING





REVISIUNS BT

TECHNOLOGIES 67 Jacobs Greek Drive 51. Charles, Missouri 63304 Fax: (636) 928-1250

TEPROPOSED REMODEL OF:

Tyland Fox Bldc

CHESTERFIELD, MISSOURI 63005

DRAWN
R. MARDIS
CHECKED
RWM/6JB

DATE
1/21/2023

SCALE
I"=20'-0"

JOB No.
2023-147

SHEET

OF TWO SHEE

GENERAL:

- 1.) All natural vegetation shall be maintained where it does not interfere with construction or the permanent plan of operation. Every effort possible shall be made to protect existing structures or végetation from damage due to equipment usage. Contractor shall at all times protect all materials and work against injury to public.
- 2.) The landscape contractor shall be responsible for any coordination and sequencing with other site related work being performed by other contractors. Refer to additional drawings for further coordination of work to be done.
- 3.) Underground facilities, structures and utilities must be considered approximate only. There may be others not presently known or shown. It shall be the landscape contractor's responsibility to determine or verify the existence of and exact location of the above (Call I-800-DIG-RITE in Missouri).
- Plant material are to be planted in the same relationship to grade as was grown in nursery conditions. All planting beds shall be cultivated to 6" depth minimum and graded smooth immediately before planting of plants. Plant groundcover to within 12" of trunk of trees or shrubs planted within the area.
- 5.) It shall be the landscape contractor's responsibility to: A.) Verify all existing and proposed features shown on the drawings prior to commencement of work.
 - B.) Report all discrepancies found with regard to existing conditions or proposed design to the landscape architect immediately for a decision.
 - C.) Stake the Tocations of all proposed plant material and obtain the approval of the owner's representative or landscape architect ten (10) days prior to installation.
- 6.) Items shown on this drawing take precedence over the material list. It shall be the landscape contractor's responsibility to verify all quantities and conditions prior to implementation of this plan. No substitutions of types or size of plant materials will
- be accepted without written approval from the landscape architect. 7.) Provide single-stem trees unless otherwise noted in plant schedule.
- 8.) All plant material shall comply with the recommendations and requirements of ANSI Z60.1 "American Standards for Nursery Stock".
- 9.) It shall be the contractor's responsibility to provide for inspection of the plant material by the Landscape Architect (or Owners' Representative) prior to acceptance. Inspections may take place before, during or after installation. Plants not conforming exactly to the plant list will not be accepted and shall be replaced at the landscape contractor's expense.
- 10.) All bids are to have unit prices listed. The Owner has the option to delete any portion of the contract prior to signing the contract or beginning work. This will be a unit price contract; quotes shall be valid for 12 months.
- 11.) Should auger equipment be utilized in excavating any plant pits, vertical sides of plant pits shall be thoroughly scarified to avoid creation of "polished side walls" prior to plant material installation.
- 12.) All excess topsoil, rocks, debris and/or tainted soils shall be removed by the general contractor prior to point project is turned over to the landscape contractor to commence landscape installation.
- 13.) Transplanted material will not be guaranteed by the landscape contractor.
- 14.) Keep all plant material (except turf) a minimum of 36" clear of fire hydrants.
- 15.) Landscape contractor shall kill & remove all existing weeds within the project site.
- 16.) All tags, nursery stakes, labels, etc. shall be removed by the landscape contractor at completion of all landscape installation.
- 17.) Landscape contractor shall be in compliance with all federal, state and local laws / regulations relating to insect infestation and/or plant diseases

PRUNING:

- Lightly prune trees at time of planting. Prune only the crossover limbs, intermingled leaders and/or any broken branches. Some interior twigs and lateral branches may be pruned. However, do not remove the terminal buds of branches that extend to the edge of the crown.
- 2.) All pruning shall comply with ANSI A300 standards.

MULCH:

1.) All mulch to be shredded oak bark mulch at 3" depth (after compaction) unless otherwise noted. Mulch shall be clean and free of all foreign materials, including weeds, mold, deleterious materials, etc.

3.) Edge all beds with spade-cut edge unless otherwise notēd.

2.) No plastic sheeting or filter fabric shall be placed beneath shredded bark mulch beds. Mirafi fabric shall be used beneath all gravel mulch beds.

TOPSOIL:

- 1.) Topsoil mix for all proposed landscape plantings shall be five (5) parts well-drained screened organic topsoil to one (1) part Canadian sphagnum peat moss as per planting details. Roto-till topsoil mix to a depth of 6" minimum and grade smooth.
- 2.) Provide a soil analysis, as requested, made by an independent soil-testing agency outlining the % of organic matter, inorganic matter, deleterious material, pH and mineral content.
- 3.) Any foreign topsoil used shall be free of roots, stumps, weeds brush, stones (larger than I"), litter or any other extraneous or toxic material. Landscape contractor shall be fully responsible for correcting all negative soil issues prior to plant installation. Killing and removal of all weeds shall be the responsibility of the landscape contractor as part of this task.
- 4.) Landscape contractor to apply pre-emergent herbicide to all planting beds upon completion of planting operations and before application of shredded bark mulch.
- 5.) Install siltation controls prior to commencement of any grading operations. Inspect and maintain all siltation fences on a weekly basis until vegetation is established.

- 1) All disturbed lawn areas to be seeded with a mixture of Turf-Type fescue (300# per acre) and bluegrass (18# per acre). Lawn areas shall be unconditionally warranted for a period of 90 days from date of final acceptance. Bare areas mare than one square foot per and 50 square feet shall
- 2.) The turf contractor shall be responsible for protection of finished grade; restore and repair any erosion or water damage and obtain owners' approval prior to seeding or sod installation.
- 3.) Landscape contractor shall offer an alternate price for sod in lieu of seed. Sod shall be cut at a uniform thickness of 3/4'
- No broken pieces, irregular pieces or torn pieces will be accepted. 4.) Any points carrying concentrated water loads and all slopes of 15% or greater shall be sodded.
- All sod shall be placed a maximum of 24 hours after harvesting.
- 6.) Recondition existing lawn areas damaged by Contractor's operations including equipment/material storage and movement of vehicles.
- 7.) Sod Contractor to ensure sod is placed below sidewalk and all paved area elevations to allow for proper drainage.

WARRANTY:

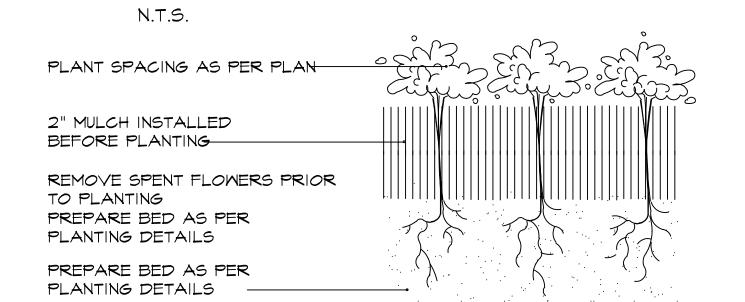
- 1.) All plant material (excluding ground cover, perennials and annuals) are to be warranted for a period of 12 months after complete installation of all landscape material at 100% of the installed price.
- 2.) Any plant material found to be defective shall be removed and replaced within 30 days of notification or in growth season determined to be best for that plant.
- 3.) Only one replacement per tree or shrub shall be required at the end of the warranty period, unless loss is due to failure to comply with
- 4.) Lawn establishment period will be in effect once the lawn has been moved three times. Plant establishment period shall commence on the date of acceptance and 100% completion.
- 5.) A written quarantee shall be provided to the owner per conditions outlined in #1 above

INSURANCE:

1.) The landscape contractor shall submit certificates of insurance for workman's compensation and general liability.

PLAN DO NOT CUT CENTRAL LEADER 8" 2-PLY RUBBER HOSE DOUBLE STRAND 12 GAUGE WIRE COVERED W/2-PLY RUBBER HOSE FLARE OF TRUNK TO BE-PAINTED FLUORESCENT ORANGE VISIBLE ABOVE SOIL LINE WHITE FLAGGING (TYP.) TREE WRAP 3 INCHES SHREDDED BARK MULCH 4 INCH DEEP SAUCER 8' STEEL TEE POST, SET PLUMB BACKFILL MIX UNDISTURBED SUBSOIL REMOVE BURLAP, WIRE & ROPE FROM TOP 1/3 OF THE BALL AFTER PLACEMENT IN PIT

DECIDUOUS TREE PLANTING



PERENNIAL / ANNUAL PLANTING

N.T.S.

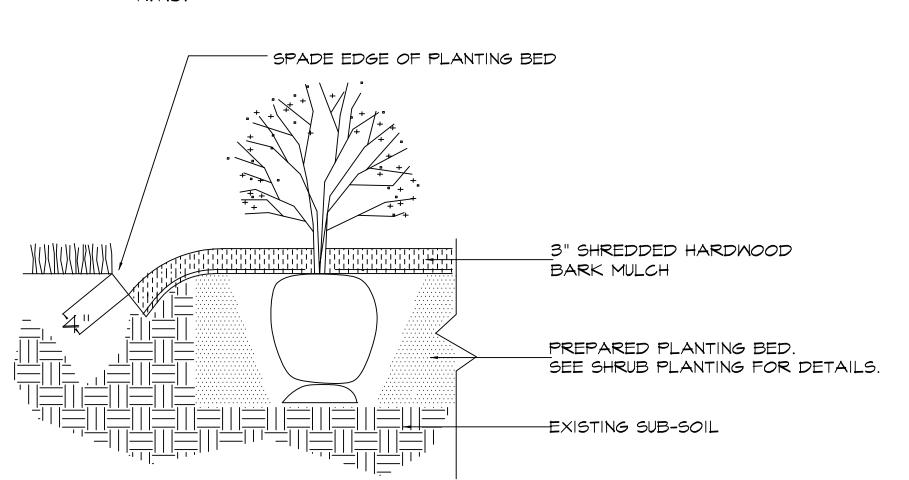
N.T.S.

DETERMINE/MARK NORTH SIDE OF TREE IN NURSERY PRIOR

TO DIGGING AND PLANT IN SAME RELATIONSHIP

TO NORTH WHEN

PLANTING ON-SITE



SPADE-CUT EDGE DETAIL

SET SHRUB ROOT BALL I" HIGHER THAN ADJACENT FINISH GRADE 3 INCHES MULCH F SHRUB IS B & B, THEN REMOVE BURLAP & ROPE FROM TOP 1/3 OF BALL BACKFILL MIX -UNDISTURBED SUBSOIL

PRUNE ANY BROKEN BRANCHES AFTER PLANTING. DAMAGED SHRUBS OR BROKEN / CRUMBLING ROOT BALLS WILL BE REJECTED.

PERENNIAL / GCOVER PLANTING

SHRUB PLANTING

DRAWN R. MARDIS CHECKED RWM/GJB 1"=20'-0" 2023-147

L-∠

OF

REMODEL

ED

OPO

PR

开

C

O

Q

PLANT SPACING AS PER PLAN

REMOVE SPENT FLOWERS PRIOR

2" MULCH INSTALLED BEFORE PLANTING

PREPARE BED AS PER

PREPARE BED AS PER

PLANTING DETAILS

PLANTING DETAILS

TO PLANTING



TAG	MANUFACTURER	DESCRIPTION	INSTALLATION METHOD	LUMENS	VOLTAGE	WATTS	KELVIN	FEATURES/OPTIONS
SL4	MCGRAW EDISON	GLEON-SA1B-740-U-SL4-HSS	POLE	6000	UNV	44	4000K	
SL5	MCGRAW EDISON	GLEON-SA1B-740-U-5WQ	POLE	6000	UNV	44	4000K	
SB1	SISTEMALUX	S2141N	GRADE	1000	UNV	15	4000K	
SR1	HALO	HC615D010REM14 HM60525840 61MDCIEM	C/R	1500	UNV	14	4000K	
SR2	LUMENPULSE	LOI RO 120/277 24 40K 30X30 TS0 INTL NO	GRADE	2400	UNV	17	4000K	
ABBREVIA UNV	UNIVERSAL 120-277V							
C/P C/R	CEILING PENDANT							
C/S	CEILING RECESSED CEILING SURFACE							
W/S	WALL SURFACE							

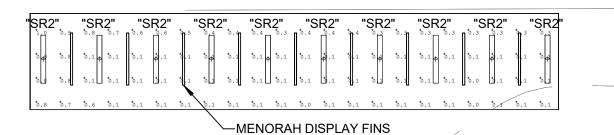
FOOTCANDLE STATISTICS:

MAX: 5.3 FC MIN: 0.2 FC (OCCURS AT ENTRY) AVG/MIN: 7.15 FC

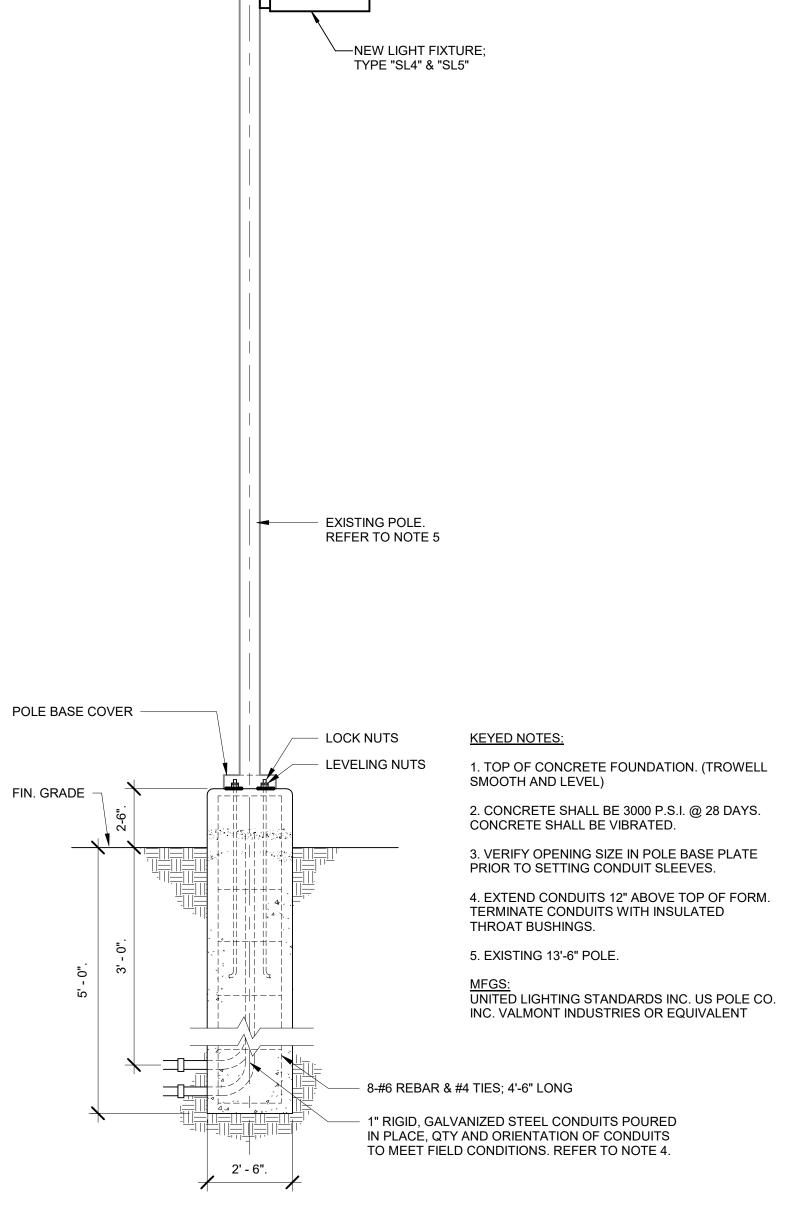
MIN: 0.0 FC

EXISTING POLE HEIGHT INCLUDING BASE: 16'-0", (13'-6" POLE WITH BASE HEIGHTS 2'-6").

SCOPE OF WORK: REPLACE EXISTING METAL HALIDE FIXTURE HEADS WITH NEW LED HEAD. ADD TWO POLES AT NEW LANDSCAPE ISLAND.



2 MENORAH DISPLAY LIGHTING



LIGHTING POLE FOUNDATION DETAIL
NO SCALE

4565 McRee Avenue, Suite 100 St. Louis, MO 63110

(314) 726-2500



BUILDING VALUE BY DESIGN



PROFESSIONAL RECORD



Project Number: xx/xx/23Status: **OWNER 50% 07/28/23**

SITE PLAN PHOTOMETRIC

E101P