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## **Architectural Review Board Staff Report**

Meeting Date: April 14<sup>th</sup>, 2022

From: Chris Dietz, Planner

**Location:** 16806 Chesterfield Airport Rd.

**Description:** The Smoke House (ASDP): An Amended Site Development Plan, Landscape

Plan, Lighting Plan, Architectural Elevations, and Architect's Statement of Design for a 2.46 acre tract of land zoned "PC" – Planned Commercial located

on the south side of Chesterfield Airport Road., west of Baxter Road.

### **PROPOSAL SUMMARY**

TR,I Architects, on behalf of Thomas Sehnert Trust, has submitted an Amended Site Development Plan, Architectural Elevations, Lighting Plan, Landscape Plan, and Architect's Statement of Design for a 3,250 square foot addition for a barn, kitchen, storage, and additional seating area to an existing restaurant. The barn will feature a two-story design. The development will be utilizing current site conditions including access points and topography. The proposed changes, aside from the 3,250 square foot building addition, include additional parking spots, relocation of existing butterfly garden, and constructing a patio to allow for outdoor seating that will incorporate a retaining wall.



Figure 1: Subject Site

### **HISTORY OF SUBJECT SITE**

The site was zoned "NU" Non-Urban under St. Louis County zoning prior to City of Chesterfield incorporation. In 1993, the site was rezoned to "C8" Planned Commercial with the intention of permitting the operation of a market, outdoor dining, residence and accessory uses upon the subject property. This led to the construction of Smokehouse/Annie Gunn's market and restaurant. In 2004, the site-specific ordinance was amended to allow for revisions to the Floor Area Ratio. Following the 2004 revisions, amended Architectural Elevations were approved in 2008 to permit the use of tents for outdoor dining.

### **STAFF ANALYSIS**

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

The general requirements for Site Design include Site Relationships, Topography & Parking, Circulation & Access, and Retaining Walls while the general requirements for Building Design include Scale, Design, Materials & Colors, Landscape Design & Screening, Signage, and Lighting.

The UDC has specific provisions regarding the redevelopment of existing buildings. All additions and exterior renovations to existing structures shall advance such structures toward further compliance with the provisions of UDC's Architectural Review Design Standards. Exterior additions must also be incorporated into one (1) cohesive design with the existing structure.

### A. Site Relationships

The proposed development consists of a building and patio addition to an existing market and restaurant. The site is surrounded by a mixture of commercial development to the east and industrial development to the west and south. Chesterfield Airport Road and Highway 64/40 are located to the north. The proposed building addition will reach 38'-8'' at roof ridge compared to the existing roof ridge standing at 30'-5''. There will be 136 parking spots provided on site. Additional parking is permitted on the adjacent lot via a Parking Lot Agreement during specific hours to help meet the minimum parking requirement of 156 spots.

### **B.** Circulation System & Access

As shown in Figure 2, the site is served by multiple existing vehicular access points. The primary access points are located along Chesterfield Airport Road with the secondary access being an existing easement leading to Baxter Road. The development currently has a series of internal sidewalks to provide connectivity between the market, restaurant and parking areas. Sidewalk will be constructed along Chesterfield Airport Road to provide additional connectivity to developments to the east and west.



Figure 2: Color Site Plan

### C. Topography & Parking

Minor changes in the topography will be made to the southeast portion of the site to accommodate the outdoor seating patio area and the addition of parking spots.

### D. Retaining Walls

A retaining wall is proposed along the southeast portion of the building addition to aid the change in topography necessary for the outdoor seating area. It will not exceed five (5) feet in height and will be comprised of natural stone.

### E. Scale

The building addition features a two-story design for the barn portion. This will be 8'-3'' taller at the roof ridge than the existing building that fronts Chesterfield Airport Road. The remaining portions of the addition for the kitchen and seating area will be smaller in size, standing at 18' 3'' in height at the roof ridge, as shown in Figure 3. The two-story design is larger in scale than the surrounding industrial developments, however, is similar in scale to the surrounding commercial developments.



Figure 3: North and South Building Elevations to show scale

### F. Design, Materials, & Colors

The design of the proposed addition slightly deviates from the existing building which consists primarily of brick masonry. The rear barn addition will be comprised mainly of red toned wood siding around the body of the building with grey toned wood siding accenting the roof body. A proposed 41'-4'' natural stone chimney is to match the stairs that will be constructed to access the outdoor seating area. Cedar shake shingles to match existing will roof the entirety of the addition. A new trash enclosure will be constructed of brick to match the existing building.

### G. Landscape Design & Screening

Landscaping will be added along the frontage to create a barrier between the newly constructed sidewalk and parking lot. Additional landscaping and trees will be provided on the southwest side of the building to screen the driveway leading into the loading zone. The existing butterfly garden that will be displaced by the addition will be relocated to the northeast corner of the building.

### H. Lighting

Existing lighting is to be utilized. There are no new light poles being proposed. The new exterior building lights along the eastern and southern façades will be of similar style to existing, as shown on the lighting map in the provided packet from the applicant.

### I. Existing Structures

The proposed addition will incorporate red toned wood siding to complement the existing brick masonry and cedar shake roofing to match existing, creating one (1) cohesive design.

### J. Specific Requirements for the Chesterfield Valley

In addition to general requirements, Chesterfield Valley has specific requirements for commercial and industrial development.

The proposed development will adhere to the additional requirements of the Chesterfield Valley. Parking lots, including the spots being added, are located to the side or rear of the building that faces I-64/40. The trash area will be screened by a new trash enclosure. The new trash enclosure will be constructed of brick to match existing building. The loading area located on the west side of the building will be screened by additional landscaping.

### **RENDERING**



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### **DEPARTMENTAL 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 ARB will be included in Staff's report to the Planning Commission.

Staff requests review and recommendation on the Amended Site Development Plan for 16806 Chesterfield Airport Road (Smokehouse/Annie Gunn's).

### **MOTION**

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

- 1) "I move to forward the Amended Site Development Plan, Landscape Plan, Lighting Plan, Architectural Elevations, and Architect's Statement of Design for 16806 Chesterfield Airport Road (Smokehouse/Annie Gunn's), as presented, with a recommendation for approval (or denial) to the Planning Commission."
- 2) "I move to forward the Amended Site Development Plan, Landscape Plan, Lighting Plan, Architectural Elevations, and Architect's Statement of Design for 16806 Chesterfield Airport Road. (Smokehouse/Annie Gunn's), to the Planning Commission with the following recommendations..."

### **Attachments**

1. Architectural Review Packet Submittal



# ARCHITECTURAL REVIEW BOARD Project Statistics and Checklist

Date o	f First Comment Letter R	eceived from the City of Che	sterfield
	ject Title: Smokehouse / Annie Gunn's Location: 16806 Chesterfield Airport Road		
			Engineer: Grimes Consulting Inc.
PROJEC	CT STATISTICS:		
			Building Height: Max. Height 41'-4"
Propose	ed Usage: Restaurant & Smo	keHouse market	
Exterior	<b>Building Materials:</b> Existing	ng brick, Stone, and wood siding	
Roof Material & Design: Gable / Hip cedar shake roof with flat roof areas for Mechanical units			
0	Roc	of parapets	
Screening Material & Design:  Rick Farmbouse architecture using brick			
Description of art or architecturally significant features (if any):  Brick Farmhouse architecture using brick,  Wood siding, and stone in a variety of colors and textures.			
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ADDITIONAL PROJECT INFORMATION:			
<u>Checkiis</u>	<u>klist:</u> Items to be provided in an 11" x 17" format  Color Site Plan with contours, site location map, and identification of adjacent uses.		
X	Color elevations for all building faces.		
	Color rendering or model reflecting proposed topography.		
	Photos reflecting all views of adjacent uses and sites.		
	Details of screening, retaining walls, etc.		
	Section plans highlighting any building off-sets, etc. (as applicable)		
	Architect's Statement of Design which clearly identifies how each section in the Standards has been addressed and the intent of the project.		
X	Landscape Plan.		
X	Lighting cut sheets for any proposed building lighting fixtures. (as applicable)		
K	Large exterior material samples. (to be brought to the ARB meeting)		
	Any other exhibits which would aid understanding of the design proposal. (as applicable)		
	Pdf files of each docum	•	J ,
		-	



March 10, 2022

Mr. Christopher Dietz City Planner City of Chesterfield

Re: Smokehouse / Annie Gunn's - 16806 Chesterfield Airport Rd.

TR,i Project #: 21-047

ARCHITECT'S STATEMENT OF DESIGN

To Whom it may concern,

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

### General requirements for site design:

- 1. Site relationships: The existing Annie Gunn's restaurant and Smokehouse is located at 16806 Chesterfield Airport Road which is located on the South side of Chesterfield Airport Road about 700 feet West of Baxter Road. The development has cross access to the First State Bank building to the East which is a part of the Chesterfield Grove development. There are two primary vehicular access points to the site off of Chesterfield Airport Road one is directly in front of the building and the other is a couple hundred feet to the East. There are secondary access points via cross access through the lot to the east which has access to Baxter Road and the existing public county road along the east side of Earthworks property which has access to the south onto Baxter Road. We are providing pedestrian connectivity via a new public sidewalk along Chesterfield Airport Road which will provide future access to both the properties to the East and West of our project on Chesterfield Airport Road. There is a network of interior sidewalks around the building that connect the public to the various uses of the project including the Smokehouse, Annie Gunn's restaurant and the new proposed outdoor patio to the East of the addition at the rear and east of the existing building. To the northwest of the new patio there is a butterfly garden with benches proposed that is a relocated garden which is being displaced by the proposed expansion.
- 2. Circulation system and access: The site organization emphasizes pedestrian connectivity of uses. We are providing connectivity to a new public sidewalk along Chesterfield Airport Road which will provide future access to both the properties to the East and West of our project on

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Chesterfield Airport Road. There is a network of interior sidewalks around the building that connect the public to the various uses of the project include the Smokehouse, Annie Gunn's restaurant and the new proposed outdoor patio to the East of the addition at the rear and east of the existing building. The development plan includes separation between vehicular circulation and pedestrian circulation with a network of public sidewalks within the development. The comprehensive pedestrian circulation system connects street to building, parking areas to building and building use to building use. Landscaping is used along both the internal and external network of sidewalks to add interest to the pedestrian experience. To the northwest of the new patio there is a butterfly garden with benches proposed that is a relocated garden which is being displaced by the proposed expansion. As many of the existing trees in the expansion area are being saved as possible and several new trees are being added in the existing parking field.

- 3. Topography: There is very little change being proposed to the existing topography. The parking lot surface is remaining in most of the site with some minor changes at the front of the building and a few additional parking spaces being added new the Southeast corner of the rear addition.
- 4. Retaining walls: There is one new proposed retaining wall along the outside face of the new proposed outdoor patio to the East of the rear addition. This retaining wall will be a natural bolder wall with a height not to exceed 5-feet in height at the tallest point. The base of this wall will be enhanced with landscaping.

### General requirements for building design:

- 1. Scale: The building scale for the project addition and renovation are comparable to the existing building and the Chesterfield grove development to the East. The developments to the West and South are industrial buildings however Petropolis which is on the West side of the storage facility is also of similar scale to the Annie Gunns/Smokehouse development. The Hip roofs used on the front and side of the building and building additions create a soft transition in scale from the adjacent uses. Human or pedestrian scale is accomplished with a shorter entry porch at the entry to the Smokehouse and the fabric awnings over the first story windows at the Annie Gunns restaurant entry. The addition has a roof eave height of about 10-feet that wraps around the majority of the addition and the Barn addition at the rear has separate first story and second story windows that provide a sense of human scale.
- 2. Design: The building design and finishes are coordinated on all sides of the building. The project has a unique character without influence of any corporate identity. The front elevation of the building utilizes hip and mansard roofs to transition from various story heights, this combined with the change in plane along the northern elevation creates a well articulated streetscape. The building entries are identified by a lower story newly enclosure porch at the Smokehouse and green fabric awnings at Annie Gunns restaurant. Brick detailing such as soldier courses above the windows and rowlock courses below the windowsill tie the varying planes of the building façade together. The rear barn addition adds an additional architectural style but

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compliments the existing masonry color and material with the use of the red barn siding and the natural stone chimney and wainscoting. The barn roof will also having a matching cedar shake roof to match the existing building roof.

- 3. Materials and Colors: Warm earth tone finishes are used throughout the exterior design that are neutral and compatible with many other pallets. The materials include brick, natural stone, cedar shake roofing, barn wood siding, aluminum storefront, clear low-e glass, architectural windows and doors.
- 4. Landscape design and screening: Landscaping is used along the street to create connectivity to adjacent sites. Within the site landscaping is used to enhance the pedestrian experience, screen the service areas, and soften the building's base where it meets the site. A small butterfly garden at the Northeast corner of the building is provided with several benches to enhance the site and provide an opportunity for the public to enjoy the outdoor space while dining.
- 5. Signage: It is understood that signage is reviewed separately.
- 6. Lighting: All site lighting is existing and there are no new light poles proposed. All new exterior building mounted lighting will be fully cut off and will adhere to Chesterfields UDC. See the attached lighting plan which provides documentation of the existing lighting and proposed new building lighting locations and types.
- 7. Existing Structures: The addition to the existing structure compliments the existing architectural style with the use of a matching red brick and complimenting mansard roof line. The rear barn addition is historically in line with the old English barns of the mid 1800s that were built and often attached to farmhouses in the Missouri River Valley region. The barn structure compliments the existing structure with the use of the red barn siding which compliments the brick, the use of natural stone masonry, and cedar shake roofing to match the existing roof.

### Specific requirements for the Chesterfield Valley:

1. The building architecture wraps all four sides of the building. The building is accented by a variety of lighting including soffit lighting, barn lights, and decorative light poles. All storage areas are screens with walls to match the adjacent structure, the trash is screen by a brick enclosure to match the building. The majority of the parking is on the side and rear of the building and the main building façade faces I-64/US 40.

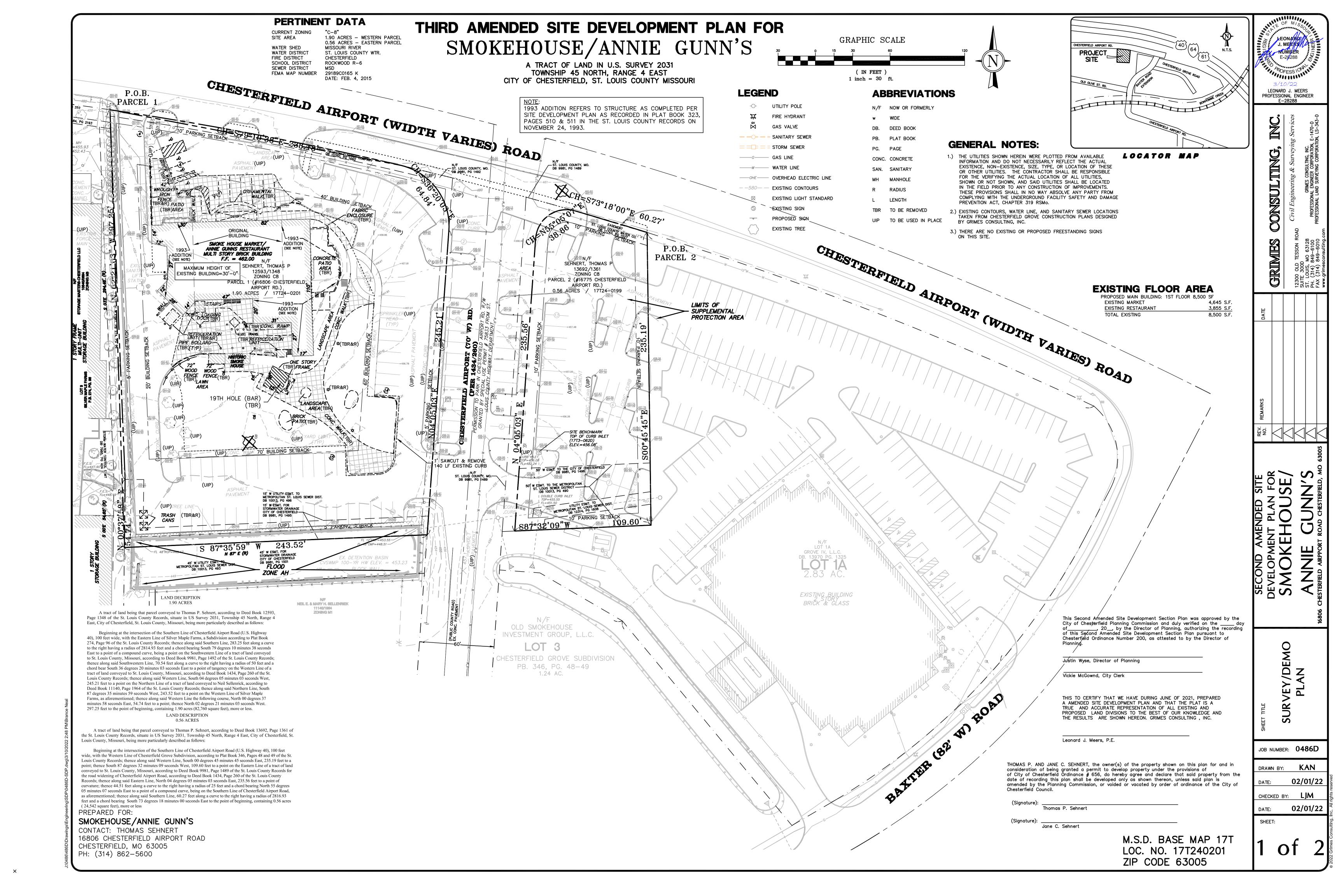
Mr. Christopher Dietz City of Chesterfield ARCHITECT'S STATEMENT OF DESIGN Page 4 March 10, 2022

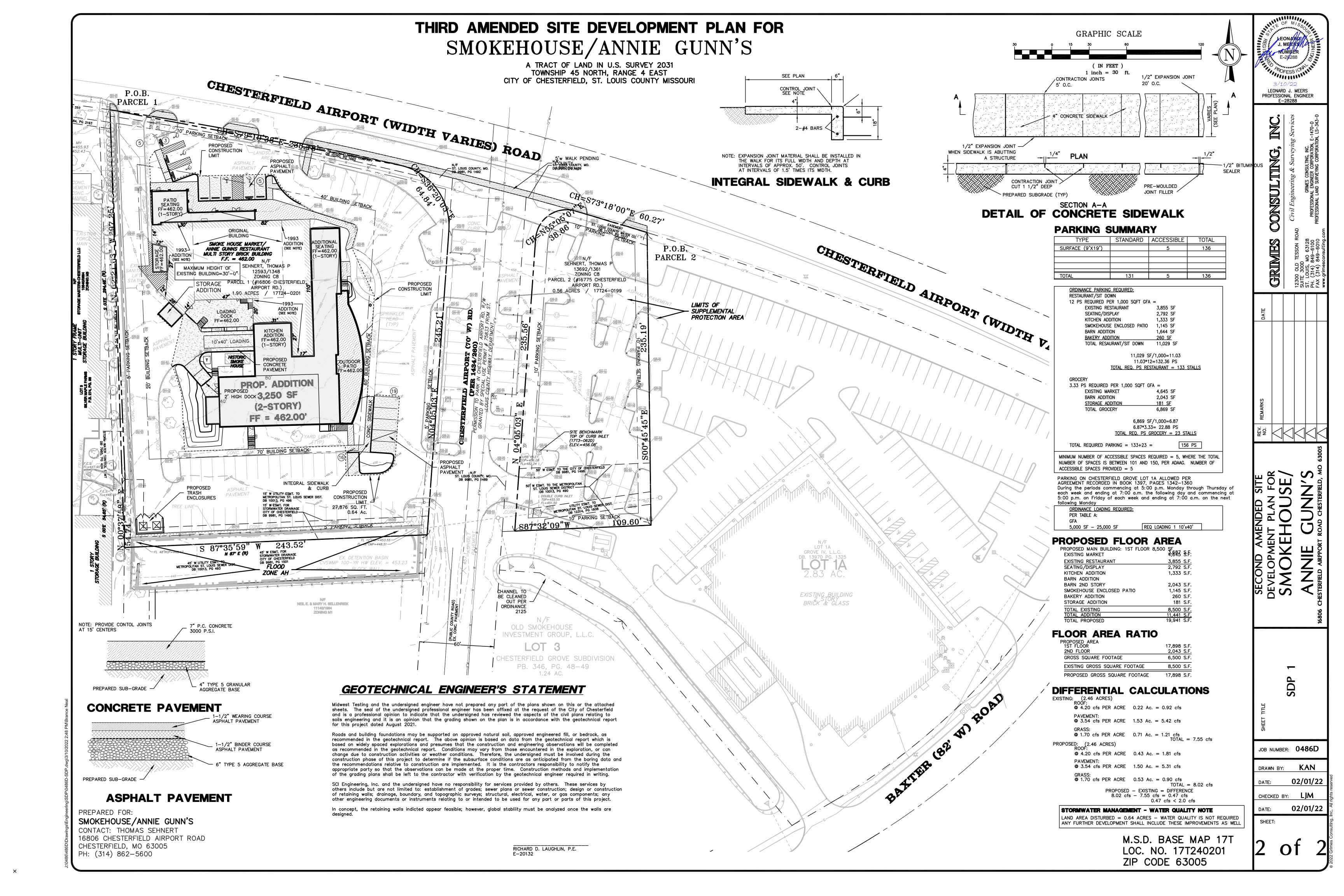
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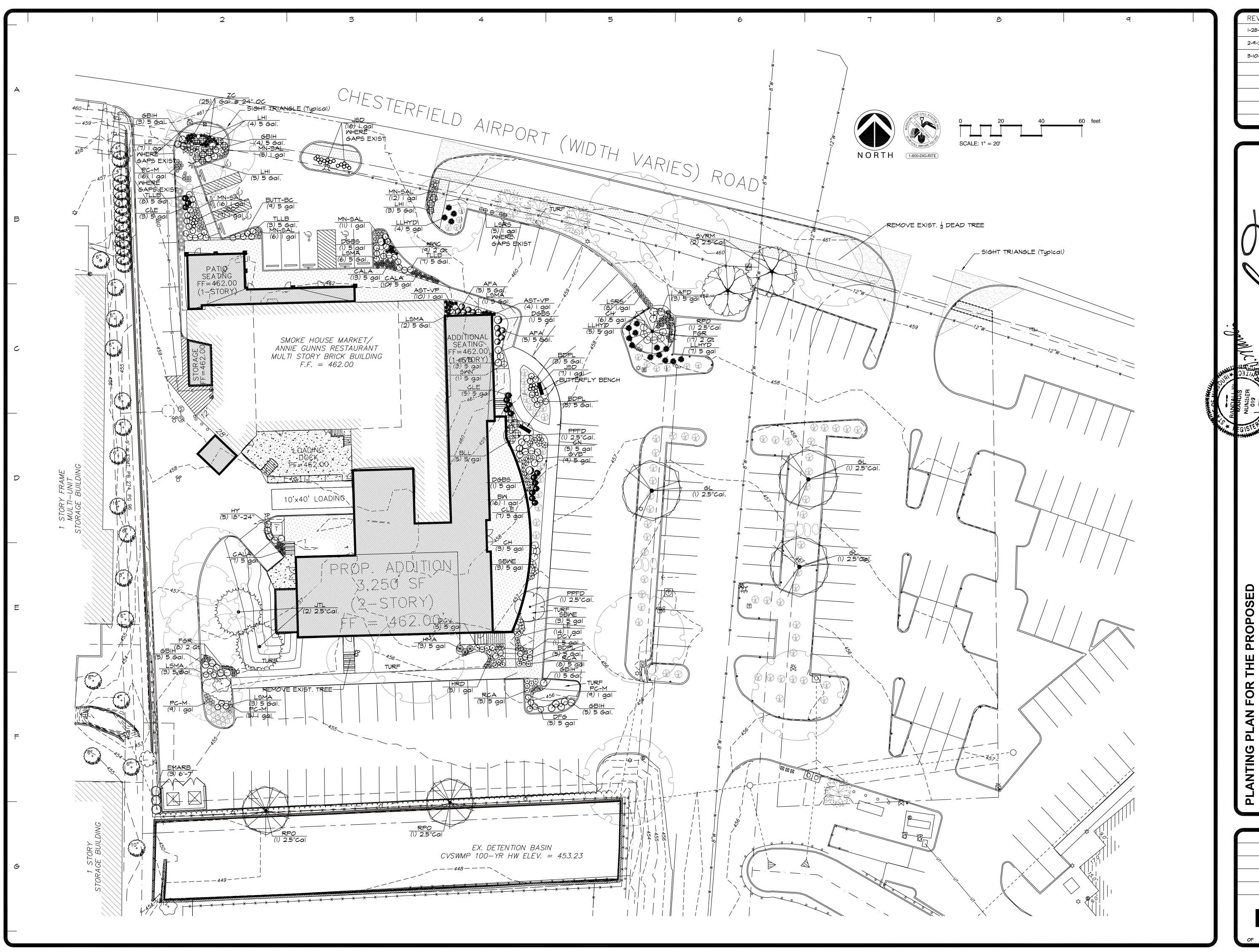
I trust this information meets your needs. Please advise if you have any questions or comments.

Respectfully,

Jeffrey P. Kaiser Senior Project Manager







REVISIONS BY

1-28-2022 RMM

2-9-2022 RMM

3-10-2022 RMM

DRAWN
R. MARDIS
CHECKED
RWM/EL

DATE
II-9-202I
SCALE
I"=20'-0"
JOB No.
202I-IT2
SHEET

## **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 utility location services in municipality).
- 4.) 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 locations 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.) Keep all plant material (except turf) a minimum of 36" clear of fire hydrants. 14.) Landscape contractor shall kill \$ remove all existing weeds within the project site. 6.)
- 15.) All tags, nursery stakes, labels, etc. shall be removed by the landscape contractor at completion of all landscape installation.
- 16.) Landscape contractor shall be in compliance with all federal, state and local laws / regulations relating to insect infestation and/or plant diseases. 17.) All substitutions of plant material shall be submitted to landscape architect or
- the owners' approval.
- D 18.) All landscape areas (including islands) shall be provided with a mechanically automated underground irrigation system.

- Lightly prune trees at time of planting. Prune only the crossover limbs, interminaled leaders and/or any broken branches. Some interior twias 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. INSURANCE:

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

- 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. E 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.
- Lap fabric 6" over adjacent coverages. 3.) Edge all beds with spade-cut edge unless otherwise noted.

# **IRRIGATION GUIDELINE SPECS:**

# **GENERAL**:

- 1.) System shall be designed for 30 apm @ 80 PSI. Contractor to field
- vērifų actual conditions 2.) Exact tap, backflow and controller location to be coordinated
- with owner or owner's representative. 3.) All control wiring to be 14 ga. Minimum 3 extra strands
- to be installed in each direction from the controller to the end of the mainline 4.) All piping to be sleeved in SCH40 PVC when passing under hardscape. PVC Sleeve to be a minimum of twice the size of
- pipe(s) running through. 5.) Underground facilities, structures and utilities must be considered approximate only. There may be others not presently known or shown. It shall be the irrigation contractor's responsibility to determine or verify the existence of and exact location of the above (Call 1-800-DIG-RITE).
- 6.) It shall be the irrigation 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.
- 7. All landscaped areas shall have installed an automatic, permanent irrigation system - designed to cover all landscape areas. Irrigation shall be design / build.

## SIGHT TRIANGLES:

- No landscape material or other obstructions shall be placed or be maintained within the sight distance area so as to impede the vision between a height of thirty inches (30") and ten feet (10') above the adjacent street or paving surfaces.
- 2.) Sight triangles at the intersection of a public street and a private access way (except for single family residences) shall also be formed by measuring from the point of intersection of the street frontage curbs and the entrance curb lines a distance of 35' and connecting the points so established to form the sight triangle area.

## 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 ā depth of 6" minimum and građe 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.) Anu 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 more than one square foot per any 50 square feet shall
- 2.) Seed and fertilization operations shall occur between May and June 15th or between September I and October 15th unless directed by others in writing AND irrigation system is operating
- 3.) Granular or pelleted fertilizer consisting of 50% water-insoluble slow release nitrogen, phosphorous and potassium in a 12-12-12 composition.
- 4.) 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.
- 5.) 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. Any points carrying concentrated water loads and all slopes of
- 15% or greater shall be sodded. 7.) All sod shall be placed a maximum of 24 hours after harvesting.
- 8.) Recondition existing lawn areas damaged by Contractor's operations including equipment/material storage and movement of vehicles. 9.) Sod Contractor to ensure sod is placed below sidewalk and all

paved area elevations to allow for proper drainage.

# WARRANTY:

DETERMINE/MARK NORTH SIDE -OF TREE IN NURSERY PRIOR

TO DIGGING AND PLANT\_!

FLARE OF TRUNK TO BE-

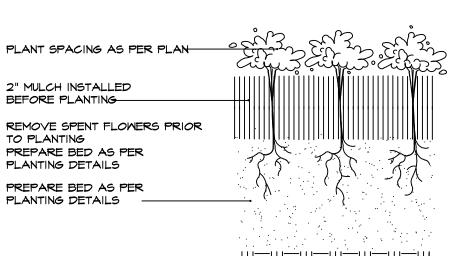
VISIBLE ABOVE SOIL LINE

IN SAME RELATIONSHIP

TO NORTH WHEN

PLANTING ON-SITE

- I.) 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
- 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 the warrantu.
- 4.) Lawn establishment period will be in effect once the lawn has been mowed three times. Plant establishment period shall commence on the date of acceptance and
- 5.) A written quarantee shall be provided to the owner per conditions outlined in #1 above.



PLANT\_SCHEDULE

laty

12

EVERGREEN TREES

FLOWERING TREES

RPO

SVRM

EMARB

SHRUBS

AFD

AFA

BDPL

CN

DCV

DGBS

GBIH

GVB

HMA

LLHYD

LSMA

SBME

TLLB

HRD

JSD

LSRS

MMC

PC-M

DFG

CALA

MN-SAL

AST-VP

GRASSES

ANNUALS/PERENNIALS QTY

BUTT-BC

COMMON / BOTANICAL NAME

COMMON / BOTANICAL NAME

COMMON / BOTANICAL NAME

COMMON / BOTANICAL NAME

|Greenspire Littleleaf Linden / Tilia cordata 'Greenspire'

Ivory Silk Japanese Tree Lilac / Syringa reticulata 'Ivory Silk'

Prairie Pink Flowering Dogwood / Cornus florida 'Prairie Pink'

Arctic Fire Dogwood / Cornus stolonifera 'Arctic Fire'

|Bloomerang Dwarf Purple Lilac / Syringa x 'SMNJRPU' TM

China Boy/Girl Holly / Ilex meserveae 'China Boy/Girl' TM

Coppertina Ninebark / Physocarpus opulifolius 'Coppertina'

Hetz Midget Arborvitae / Thuja occidentalis 'Hetz Midget'

Little Lime Hydrangea / Hydrangea paniculata 'Little Lime'

Lttle Henry Sweetspire / Itea virginica 'Little Henry' TM

Rose Creek Abelia / Abelia x grandiflora 'Rose Creek'

Summer Wine Ninebark / Physocarpus opulifolius 'Summer Wine'

'Hummingbird' Summersweet / Clethra alnifolia 'Hummingbird'

Happy Returns Daylily / Hemerocallis hybrid 'Happy Returns'

Little Spire Russian Sage / Perovskia atriplicifolia 'Little Spire' TM

Montrose White Calamint / Calamintha nepeta 'Montrose White'

Zagreb Tickseed Coreopsis / Coreopsis verticillata 'Zagreb'

Foerster's Reed Grass / Calamagrostis acutifolia 'Karl Foerster'

Visions in Pink Astilbe / Astilbe chinensis 'Visions in Pink'

Dwarf Fountain Grass / Pennisetum alopecuroides 'Hamelr

Sonic Bloom Weigela / Weigela florida 'Sonic Bloom'

|Fireworks Goldenrod / Solidago rugosa 'Fireworks'

Titan Littleleaf Boxwood / Buxus sinica 'Titan'

|Java Sea Daylily / Hemerocallis x 'Java Sea'

Lamb's Ears / Stachys byzantina 'Silver Carpet

May Night Salvia / Salvia nemorosa 'May Night

Purple Coneflower / Echinacea purpurea 'Magnus

Butterfly Milkweed / Asclepias tuberosa

Low Scape Mound Chokeberry / Aronia melanocarpa 'Low Scape Mound'

|Blue Chip Butterfly Bush / Buddleja davidii 'Blue Chip'

Dwarf Cranberry Yiburnum / Viburnum opulus 'Nanum'

Dwarf Globe Blue Spruce / Picea pungens 'Globosa

Gem Box Inkberry Holly / Ilex glabra 'Gem Box'

Green Velvet Boxwood / Buxus 'Green Velvet'

Autumn Fire Azalea / Azalea x 'Roblez' TM

|Bloomerang Lilac / Syringa x 'Penda'

Hicks Yew / Taxus media 'Hicksii

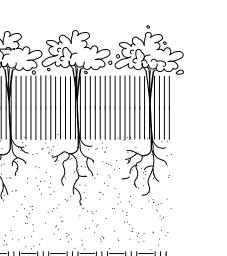
COMMON / BOTANICAL NAME

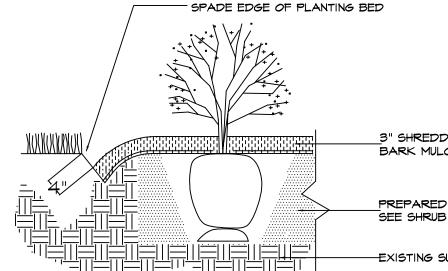
COMMON / BOTANICAL NAME

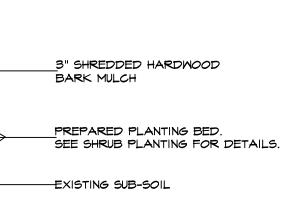
Regal Prince Oak / Quercus warei 'Long' TM

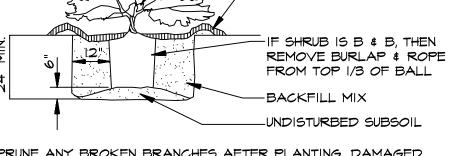
Sun Valley Red Maple / Acer rubrum 'Sun Valley

|Emerald Arborvitae / Thuja occidentalis 'Emerald









SET SHRUB ROOT BALL I" HIGHER

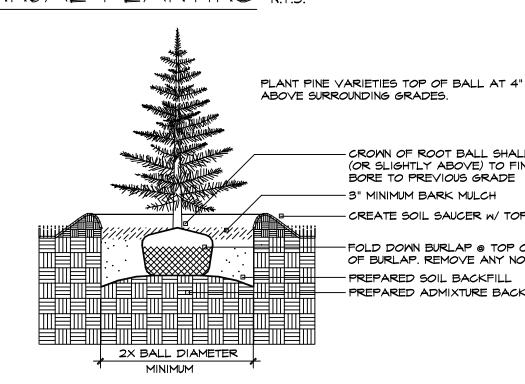
-3 INCHES MULCH

THAN ADJACENT FINISH GRADE

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

SHRUB PLANTING

SPADE-CUT EDGE DETAIL PERENNIAL / ANNUAL PLANTING N.T.S.



N.T.S.

CROWN OF ROOT BALL SHALL BEAR SAME RELATION (OR SLIGHTLY ABOVE) TO FINISHED GRADE AS IT BORE TO PREVIOUS GRADE 3" MINIMUM BARK MULCH

CREATE SOIL SAUCER W/ TOPSOIL-6" MINIMUM FOLD DOWN BURLAP @ TOP OF ROOT BALL & REMOVE TOP 1/3

OF BURLAP. REMOVE ANY NON-BIODEGRADABLE MATERIAL PREPARED SOIL BACKFILL PREPARED ADMIXTURE BACKFILL OR NATIVE SOIL

EVERGREEN TREE PLANTING

DECIDUOUS TREE PLANTING

PLAN

- DO NOT CUT CENTRAL LEADER

DOUBLE STRAND 12 GAUGE WIRE

COVERED W/2-PLY RUBBER HOSE

PAINTED FLUORESCENT ORANGE

. 3 INCHES SHREDDED BARK MULCH

-8' STEEL TEE POST, SET PLUMB

REMOVE BURLAP, WIRE & ROPE

FROM TOP 1/3 OF THE BALL

AFTER PLACEMENT IN PIT

- 8" 2-PLY RUBBER HOSE

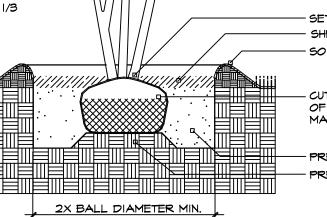
WHITE FLAGGING (TYP.)

4 INCH DEEP SAUCER

UNDISTURBED SUBSOIL

TREE WRAP

BACKFILL MIX



SIZE

2.5"Cal

2.5"Cal

2.5"Cal

SIZE

6'-7'

SIZE

SIZE

5 gal

5 Gal.

5 Gal.

5 gal

5 gal

5 gal

5 gal

5 gal

5 gal

5 Gal.

5 gal

|5 gal

5 gal

5 Gal.

5 Gal.

|5 gal

5 gal

5 gal

5 Gal.

5 gal

SIZE

gal

2 Qt

qal

gal

gal

2 Qt

gal

SIZE

5 gal

5 qa1

Gal. @ 24" OC

|18"-24"

2.5"Cal.

2.5"Cal

MATURE HEIGHT

MATURE HEIGHT

MATURE HEIGHT

50' - 70' ht

40' - 60' ht.

20' - 35' ht.

|12' - 14' ht.

20' - 25' ht.

|15' - 20' ht.

GROWTH RATE

GROWTH RATE

GROWTH RATE

Moderate

Moderate

Moderate

Moderate

Fast

SET TREE AT ORIGINAL GRADE - SHREDDED BARK MULCH @ 3" MINIMUM - SOIL SAUCER: USE PREPARED TOPSOIL - 6" MINIMUM

DETERMINE/MARK NORTH SIDE

OF TREE IN NURSERY PRIOR

TO DIGGING AND PLANT

N SAME RELATIONSHIP

TO NORTH WHEN

PLANTING ON-SITE

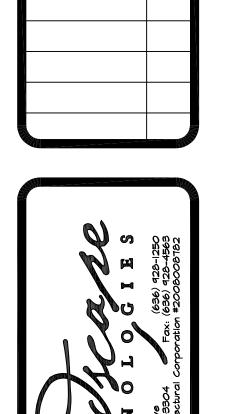
CUT ROPES @ TOP OF ROOT BALL. REMOVE TOP 1/3 OF BURLAP. REMOVE ANY NON-BIODEGRADABLE

- PREPARED ADMIXTURE BACKFILL - PREPARED SUBGRADE PEDESTAL

MULTI-STEM TREE PLANTING

N.T.S.

I-28-2*0*22 2-9-2022 3-10-2022

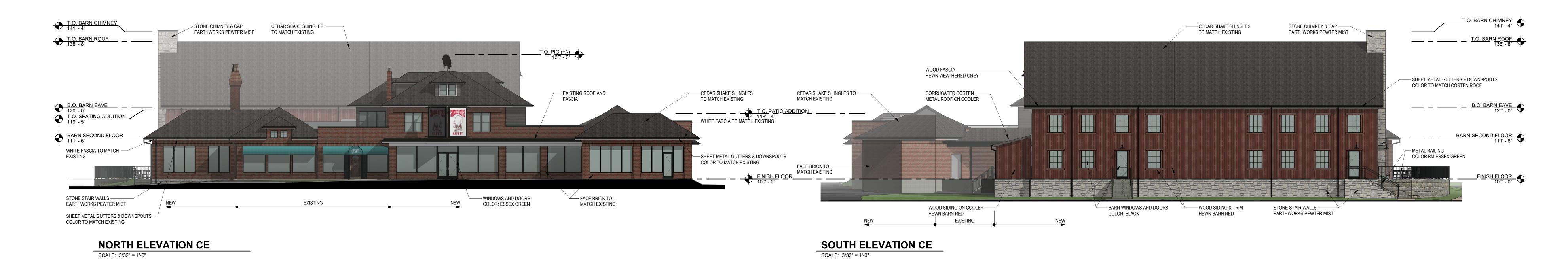


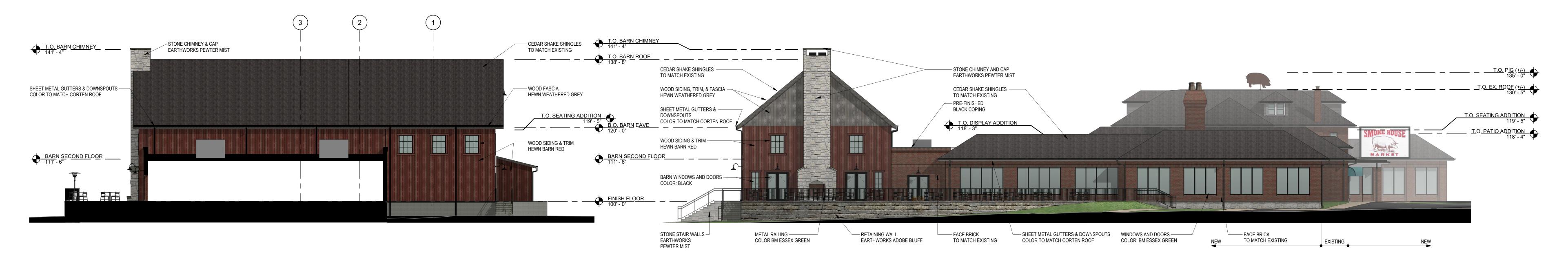
Ш 0  $\alpha$ Δ 0

R. MARDIS CHECKED RWM/EL DATE 11-9-2021 SCALE JOB No. 2021-172

OF TWO SHEETS







DOCK SOUTH ELEVATION CE

SCALE: 3/32" = 1'-0"

SCALE: 3/32" = 1'-0"



ANNIE GUNN'S

CHESTERFIELD

21-047

ARCHITECTS

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St. Louis, Missouri 63144

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MISSOURI

03-14-2022





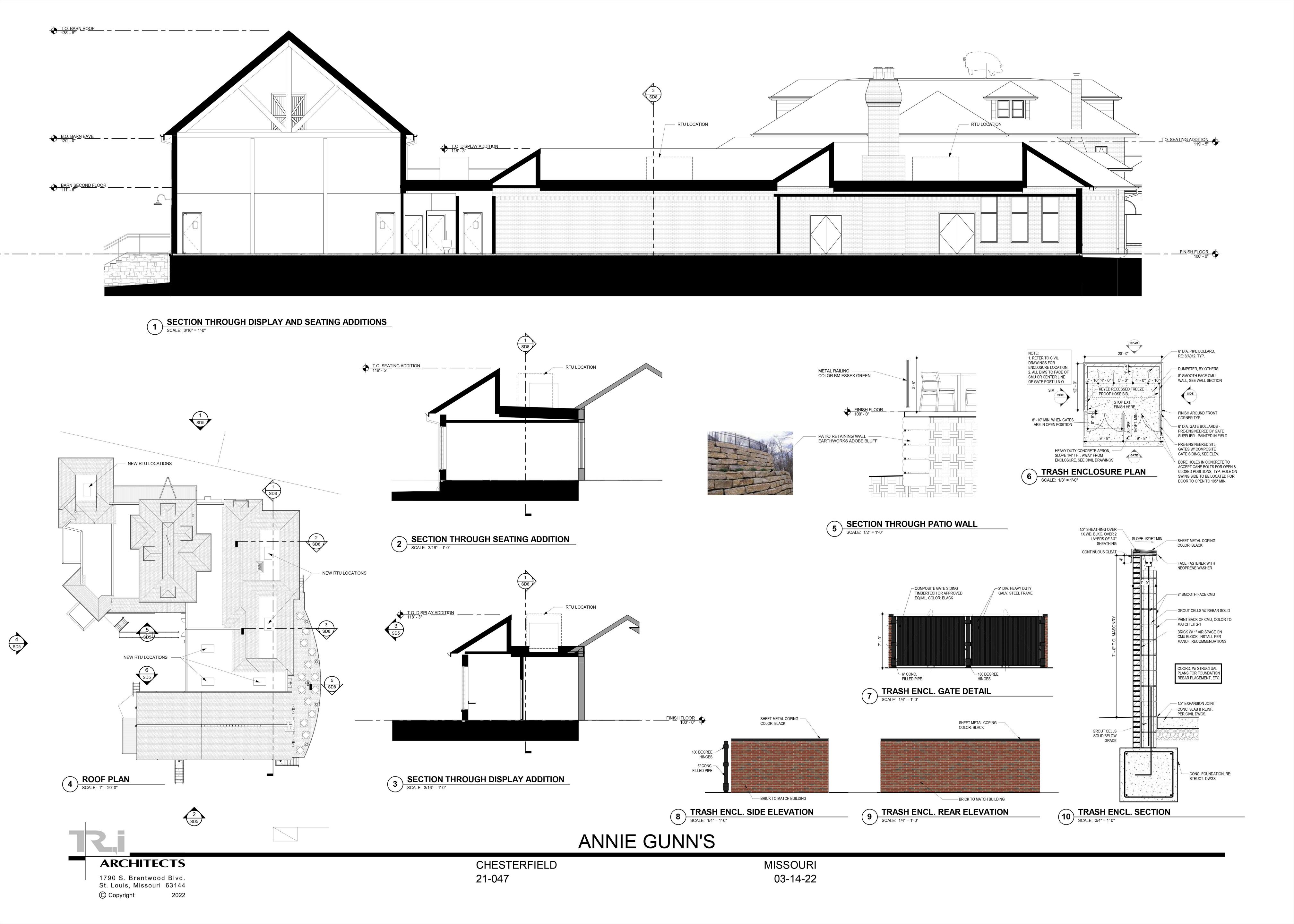
PERSPECTIVE AT NORTHWEST CORNER



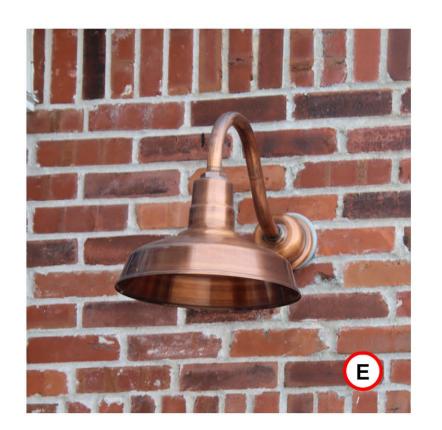


PERSPECTIVE AT SOUTHEAST CORNER













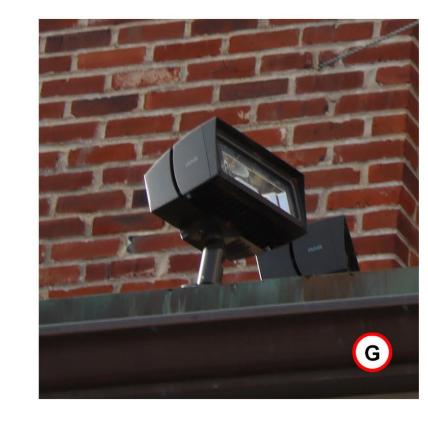








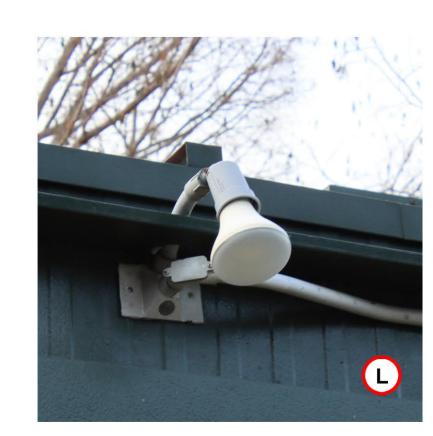


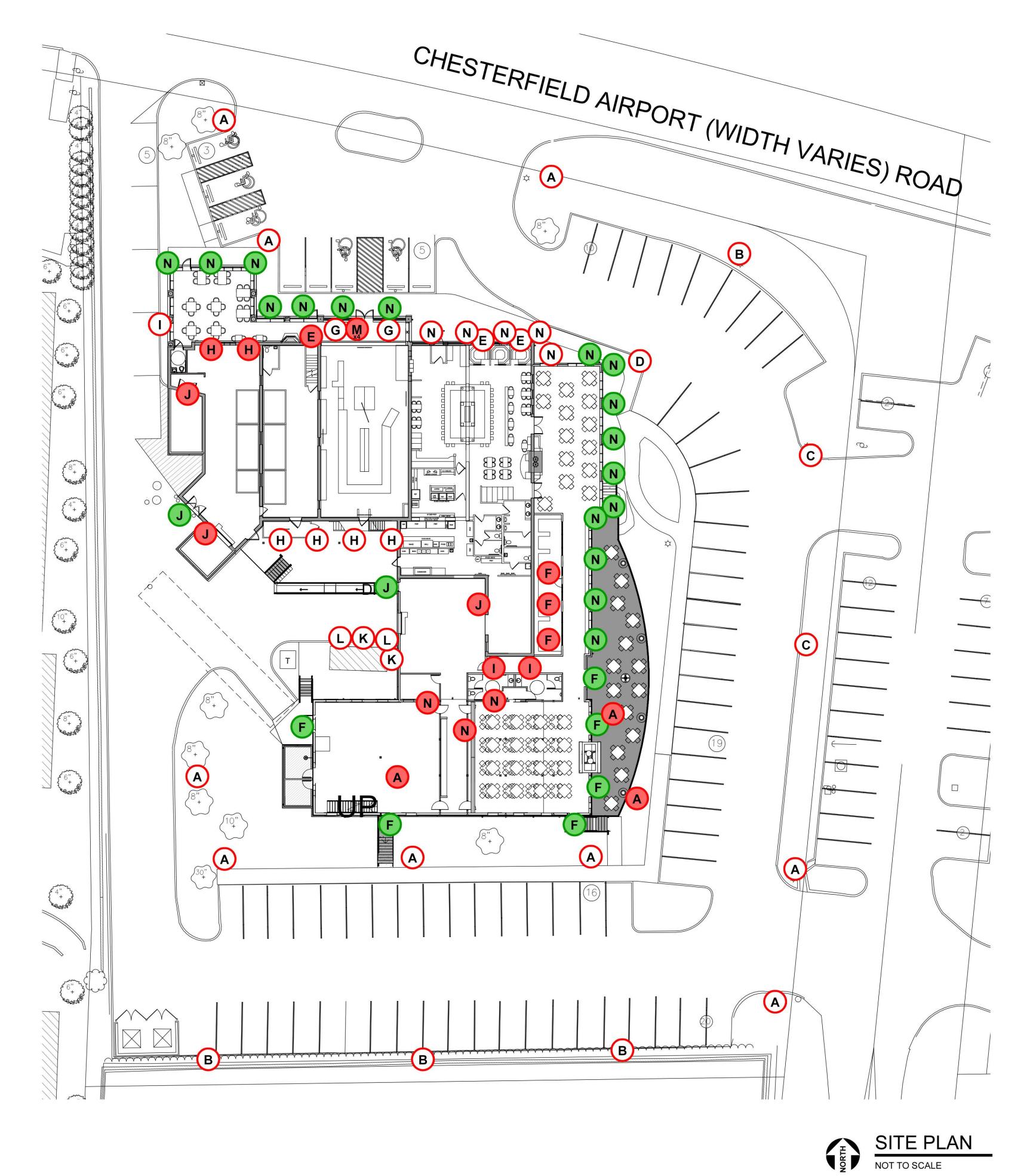












# **LEGEND**

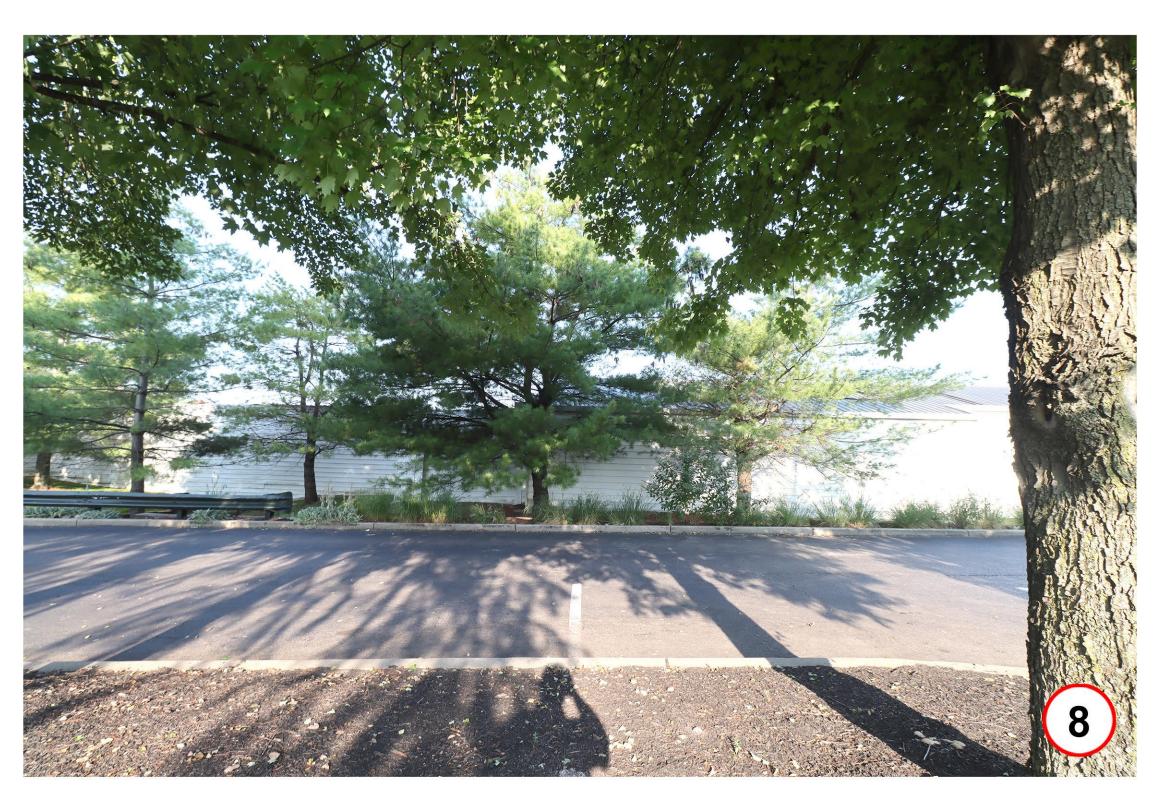
- EXISTING LIGHT TO REMAIN
- LIGHT TO BE REMOVED OR RELOCATED
- NEW (SIMILAR) LIGHT OR RELOCATED LIGHT

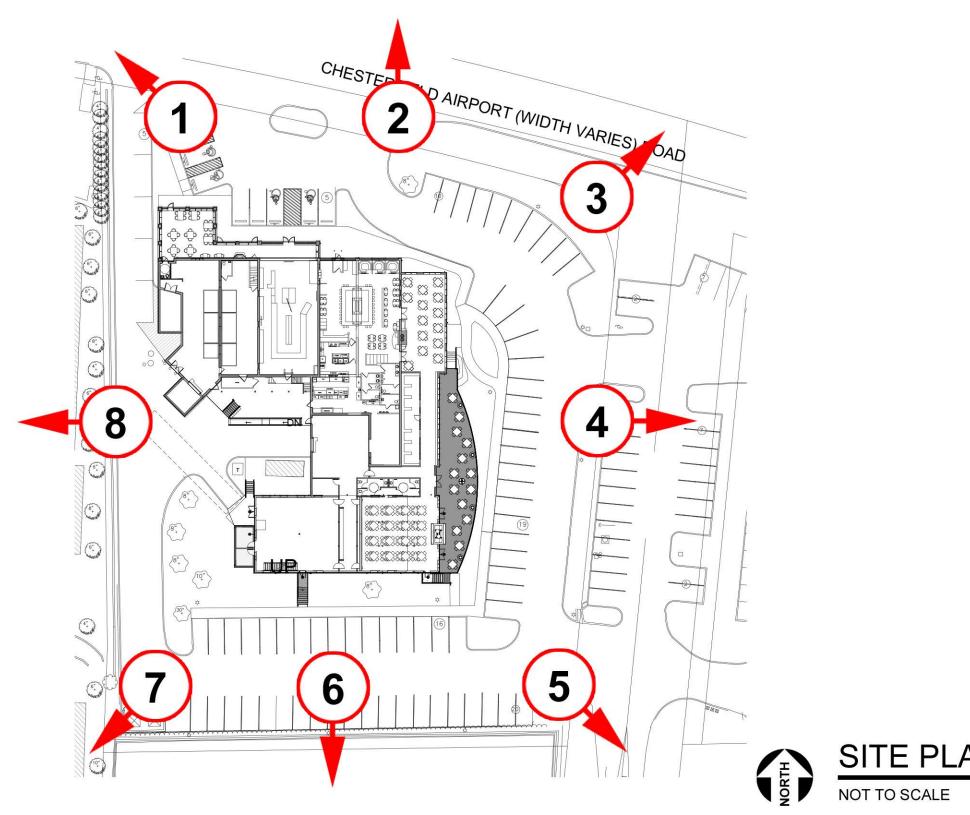


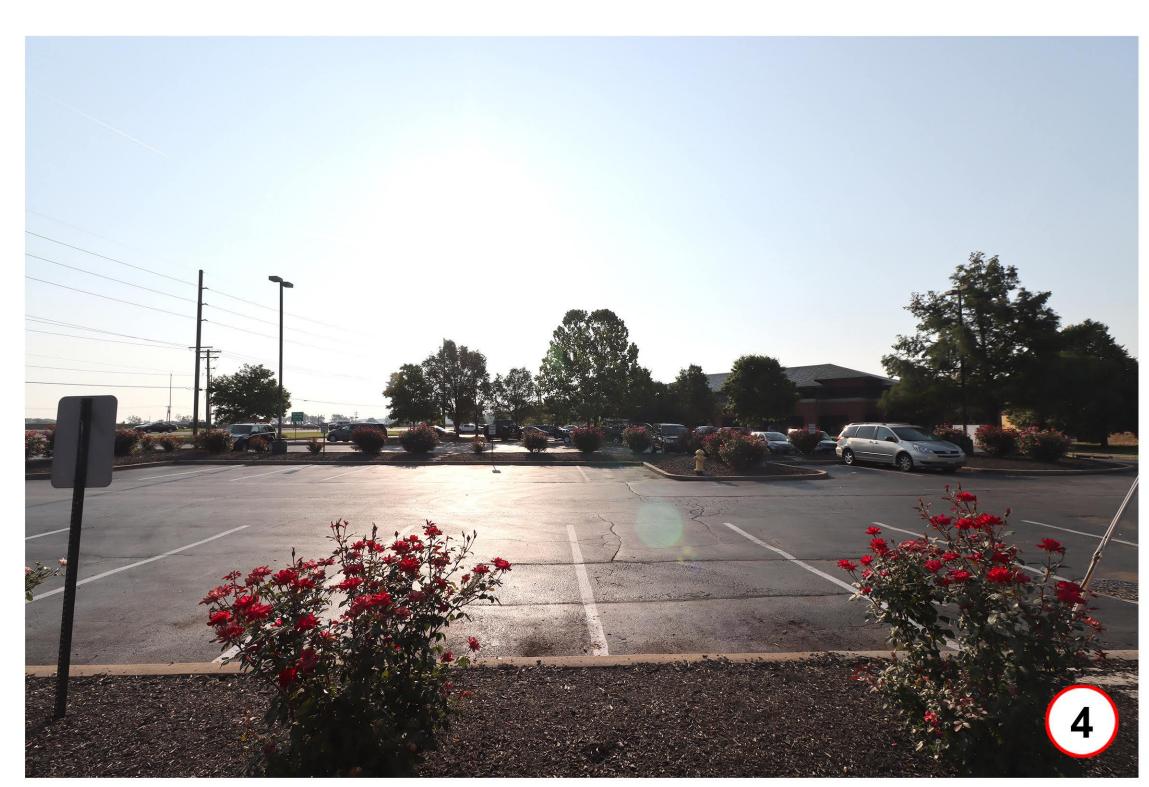






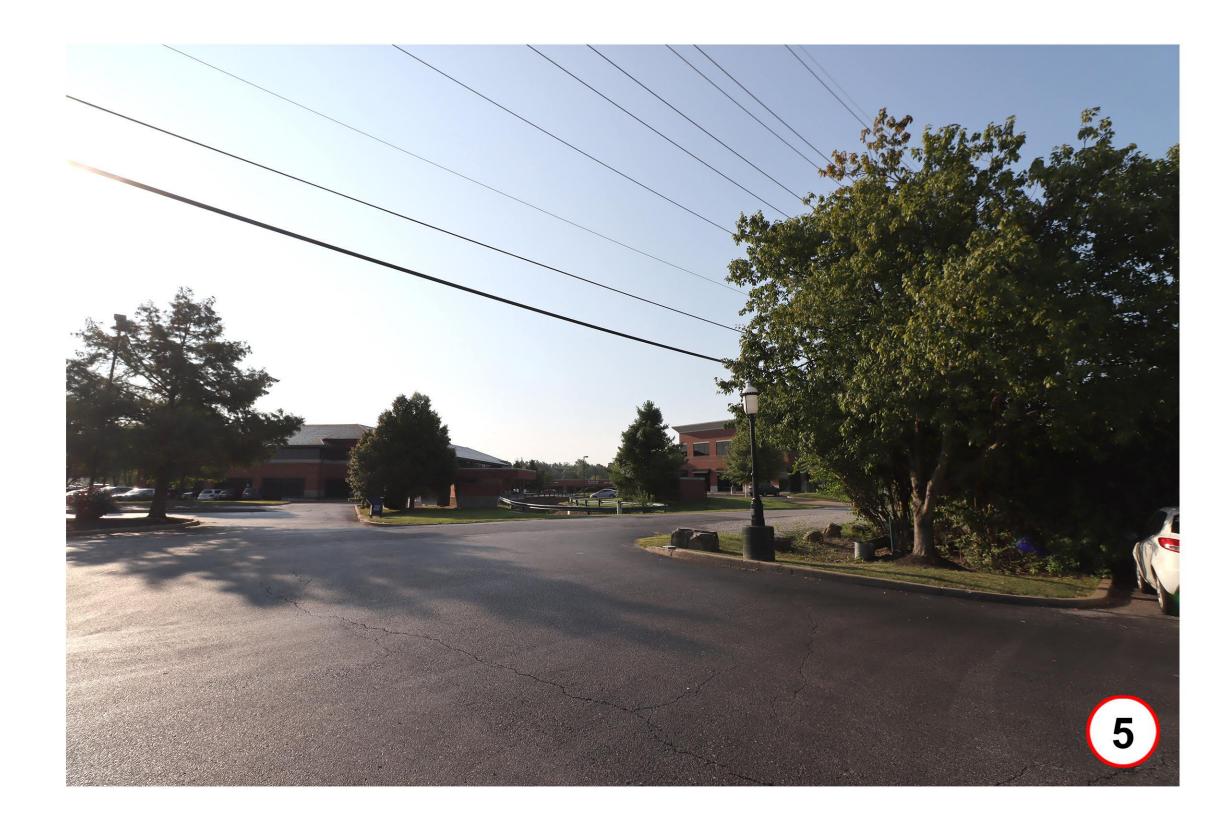


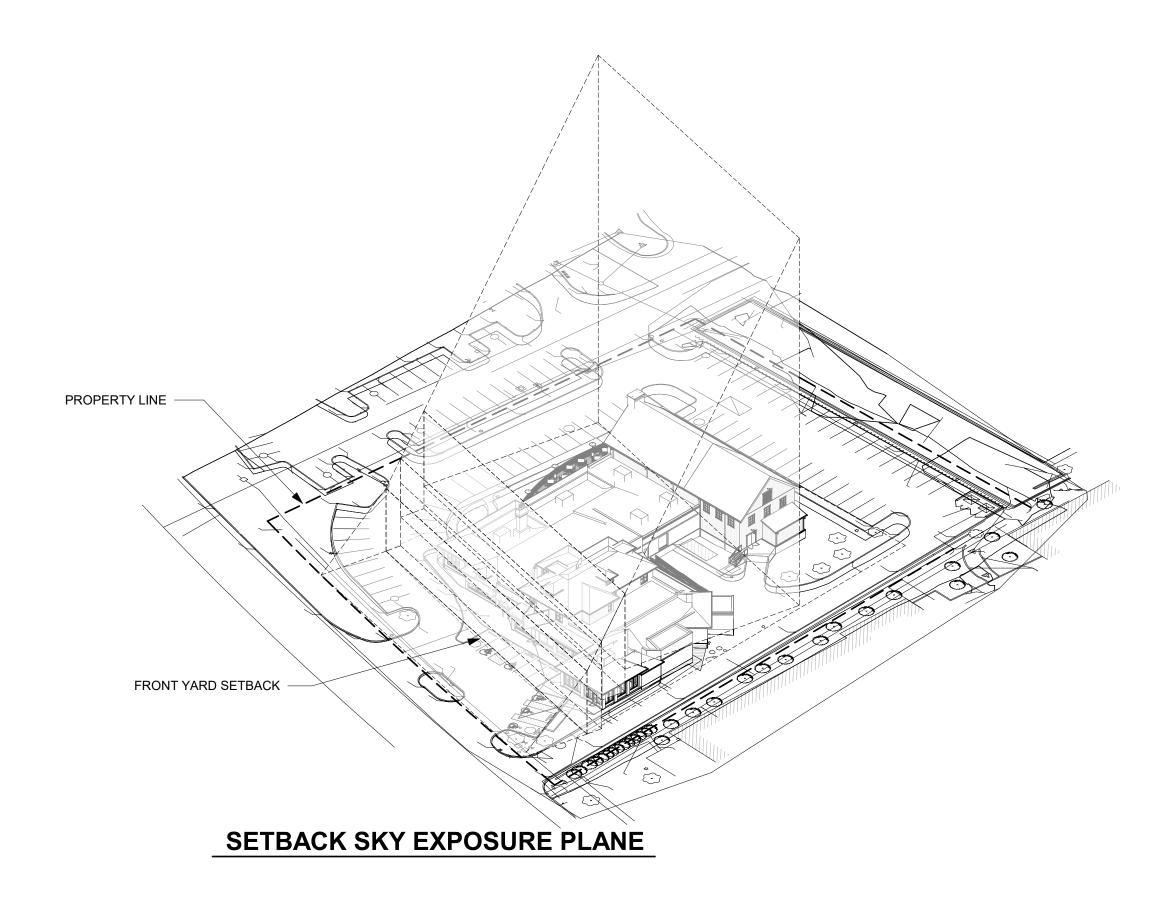














# **ANNIE GUNN'S**