

# **Memorandum** Department of Planning & Development Services

**To:** Planning and Public Works Committee

**From:** Jessica Henry, Senior Planner

**Date:** July 19, 2018

**RE:** <u>**18385 Chesterfield Airport Road (Chesterfield Hockey Association):** A Site Development Concept Plan and Conceptual Landscape Plan for a 15.67 acre tract of land zoned "PC" Planned Commercial District located north of Chesterfield Airport Road and northeast of its intersection with Olive Street Road and northwest of its intersection with Wings of Hope Boulevard.</u>

## <u>Summary</u>

Stock and Associates Consulting Engineers, Inc., on behalf of Chesterfield Hockey Association has submitted an application for a Site Development Concept Plan. The request shows phased development of a commercial development on the subject site, which is currently undeveloped. The subject site is zoned "PC" Planned Commercial District and is governed under the terms and conditions of City of Chesterfield Ordinance Number 2974. The proposal shows two large proposed lots, A and C, which are 10.12 and 5.18 acres in size, respectively. Proposed Lot A would be developed as the Chesterfield Ice Sports Complex and proposed Lot C would allow for future development. A third lot, Lot B, would be legally tied to Lot A through the platting process to provide for future maintenance of the lot and to ensure that it never becomes a developable parcel.

Planning Commission recommended approval of the request on July 9, 2018 by a vote of 9 - 0. Power of Review was called in accordance to Section 31-02-20 of the Unified Development Code.

Attached to this report please find a copy of the Planning Commission Staff Report, Site Development Concept Plan, and Conceptual Landscape Plan.

Attachments: Planning Commission Meeting Packet





Figure 1: Subject Site Aerial



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

# **Planning Commission Staff Report**

Project Type:	Site Development Concept Plan
Meeting Date:	July 9, 2018
From:	Jessica Henry, AICP jh Senior Planner
Location:	North of Chesterfield Airport Road and northeast of its intersection with Olive Street Road and northwest of its intersection with Wings of Hope Boulevard.
Applicant:	Chesterfield Hockey Association/ Stock and Associates Consulting Engineers, Inc.
Description:	<b>18385</b> Chesterfield Airport Road (Chesterfield Hockey Association): A Site Development Concept Plan and Conceptual Landscape Plan for a 15.67 acre tract of land zoned "PC" Planned Commercial District located north of Chesterfield Airport Road and northeast of its intersection with Olive Street Road and northwest of its intersection with Wings of Hope Boulevard.

### PROPOSAL SUMMARY

Stock and Associates Consulting Engineers, Inc., on behalf of Chesterfield Hockey Association has submitted a Site Development Concept Plan for Planning Commission review. The request shows phased development of a commercial development on the subject site, which is currently undeveloped. The subject site is zoned "PC" Planned Commercial District and is governed under the terms and conditions of City of Chesterfield Ordinance Number 2974. The proposal shows two large proposed lots, A and C, which are 10.12 and 5.18 acres in size, respectively. Proposed Lot A would be developed as the Chesterfield Ice Sports Complex and proposed Lot C would allow for future development. A third lot, Lot B, would be legally tied to Lot A through the platting process, as discussed further on in this report. The image on the following page shows the general configuration and acreage of the three proposed lots.

### **HISTORY OF SUBJECT SITE**

The subject site was blanket zoned "M-3" Planned Industrial by St. Louis County in 1965 with no site specific ordinance or development plan filed for this property after this zoning designation. In October of 2017, the City Council approved Ordinance 2974 which changed the zoning of the subject property from an "M-3" Planned Industrial District to a "PC" Planned Commercial District. The subject site is currently vacant.



Figure 1: Aerial image (lots not drawn to scale/approximated)

### **STAFF ANALYSIS**

The subject site is zoned "PC" Planned Commercial District and is governed under the terms and conditions of City of Chesterfield Ordinance Number 2974. The Site Development Concept Plan shows two buildings on the two developable lots within the development. The right-of-way dedication for the Olive Street Road extension will bisect the existing parcel, leaving the small "flag" portion of the parcel along Chesterfield Airport Road physically separated from the remainder of the parcel. However, as part of the platting process, this small "Lot B" will be legally tied to Lot A to ensure future maintenance and to clarify that it will never become a developable parcel.

The Site Development Concept Plan substantially conforms to the Preliminary Plan that was approved in conjunction with Ordinance 2974 and which is shown on the following page. Information regarding the extension of Olive Street Road, surrounding land uses, zoning districts, and the City's Comprehensive Plan Land Use Designation and Policies for this development are provided in the Staff Report for the Site Development Section Plan that is also being presented for consideration.

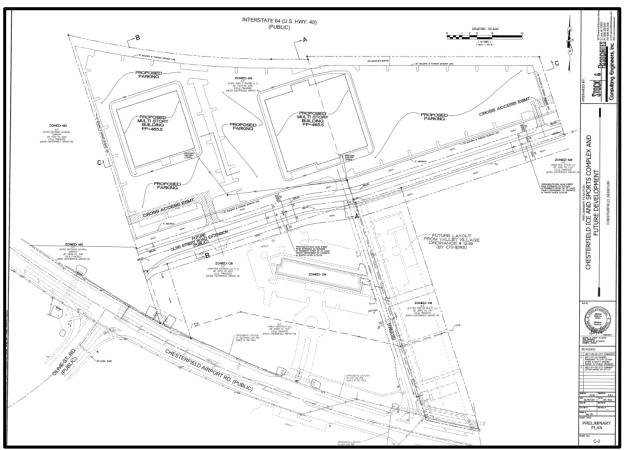


Figure 2: Preliminary Development Plan

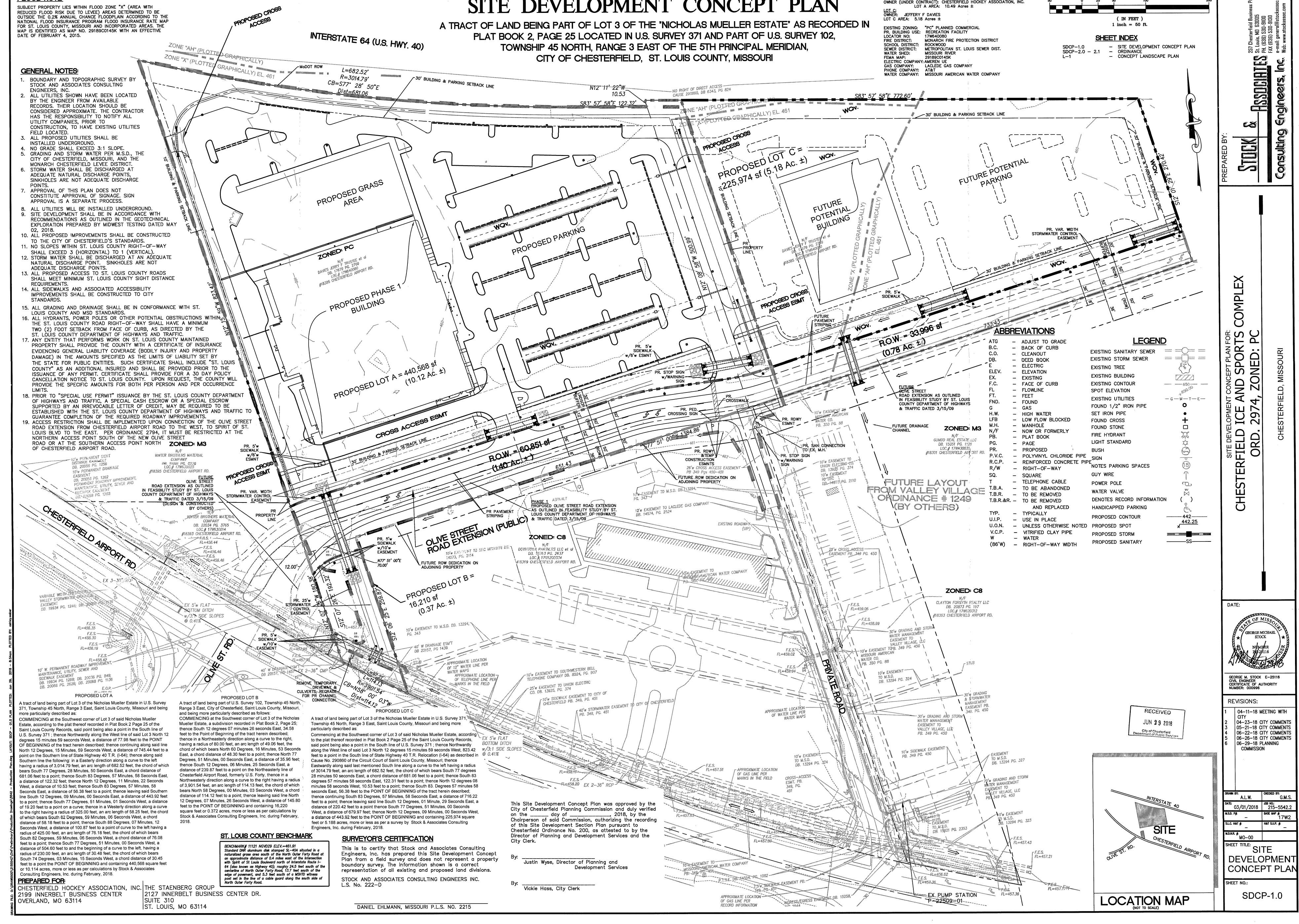
### DEPARTMENTAL INPUT

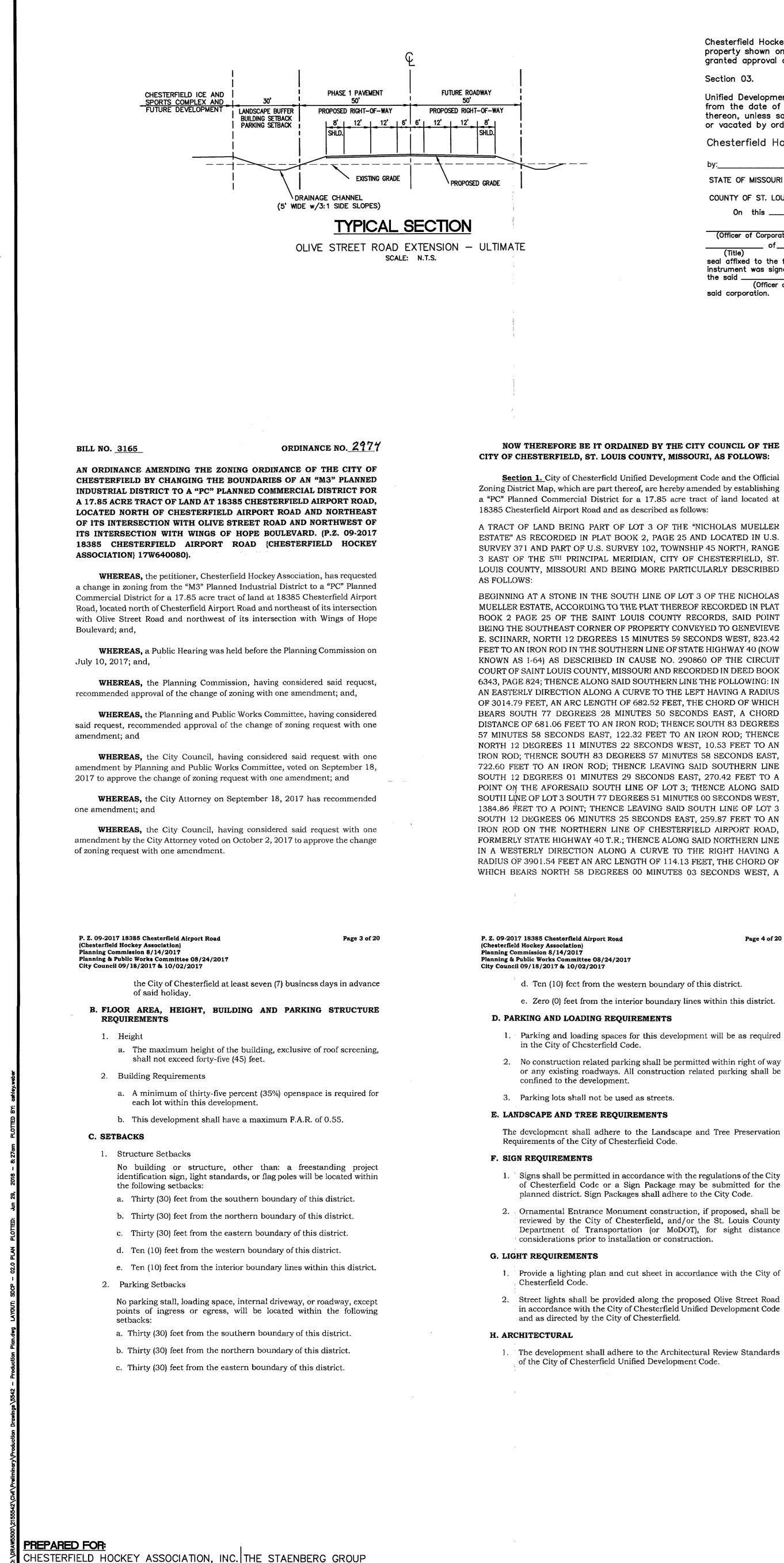
Staff has reviewed the submittal and has found the application to be in conformance with the City of Chesterfield Unified Development Code and Ordinance 2974. Staff recommends approval of the Site Development Concept Plan for 18385 Chesterfield Airport Road (Chesterfield Hockey Association).

### MOTION

The following options are provided to the Planning Commission for consideration relative to this application:

- 1) "I move to approve (or deny) the Site Development Concept Plan for 18385 Chesterfield Airport Road (Chesterfield Hockey Association)."
- "I move to approve the Site Development Concept Plan for 18385 Chesterfield Airport Road (Chesterfield Hockey Association) with the following conditions..." (Conditions may be added, eliminated, altered or modified)
- cc: Justin Wyse, Director of Planning and Development Services
- Attachments: Site Development Concept Plan Conceptual Landscape Plan





2199 INNERBELT BUSINESS CENTER OVERLAND, MO 63114

2127 INNERBELT BUSINESS CENTER DR. SUITE 310

ST. LOUIS, MO 63114

Chesterfield Hockey, Inc., the owner under contract of the property shown on this plan for and in consideration of being granted approval of said plan to develop property under the provisions of Section 03. of City of Chesterfield Unified Development Code, do hereby agree and declare that said property from the date of recording this plan shall be developed only as shown

thereon, unless said plan is amended by the City of Chesterfield, or voided or vacated by order of ordinance of the City of Chesterfield Council. Chesterfield Hockey, Inc.

STATE OF MISSOURI COUNTY OF ST. LOUIS )

On this \_\_\_\_\_day of \_\_\_\_\_, A.D., 2018, before me personally appeared (Officer of Corporation) , who being by me sworn in, did say that he/she is the \_\_\_\_\_\_a corporation in the State of \_\_\_\_\_\_ and that the (Name of Corporation)

seal affixed to the foregoing instruments is the corporate seal of said corporation, and that said instrument was signed on behalf of said corporation by authority of its Board of Directors, and the said \_\_\_\_\_\_ acknowledged said instrument to be the free act and deed of (Officer of Corporation) said corporation.

# NOW THEREFORE BE IT ORDAINED BY THE CITY COUNCIL OF THE

Section 1. City of Chesterfield Unified Development Code and the Official

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e. Zero (0) feet from the interior boundary lines within this district.

or any existing roadways. All construction related parking shall be

The development shall adhere to the Landscape and Tree Preservation

1. Signs shall be permitted in accordance with the regulations of the City of Chesterfield Code or a Sign Package may be submitted for the

reviewed by the City of Chesterfield, and/or the St. Louis County Department of Transportation (or MoDOT), for sight distance

1. Provide a lighting plan and cut sheet in accordance with the City of

in accordance with the City of Chesterfield Unified Development Code

1. The development shall adhere to the Architectural Review Standards

CHORD DISTANCE OF 114.12 FEET TO AN IRON ROD; THENCE LEAVING SAID NORTHERN LINE NORTH 12 DEGREES 07 MINUTES 26 SECONDS WEST, 180.38 FEET TO A POINT OF BEGINNING AND CONTAINING 777,604 SQUARE FEET OR 17.851 ACRES MORE OR LESS AS PER A SURVEY BY STOCK & ASSOCIATES CONSULTING ENGINEERS, INC. DURING THE MONTH OF APRIL 2017.

Section 2. The preliminary approval, pursuant to the City of Chesterfield Unified Development Code, is granted subject to all of the ordinances, rules and regulations and the specific conditions as recommended by the Planning Commission in its recommendation to the City Council, which are set out in the "Attachment A" and the preliminary plan indicated as "Attachment B" which is attached hereto as and made part of.

**Section 3.** The City Council, pursuant to the petition filed by Chesterfield Hockey Association in P.Z. 09-2017, requesting the amendment embodied in this ordinance, and pursuant to the recommendation of the City of Chesterfield Planning Commission that said petition be granted and after a public hearing, held by the Planning Commission on the 10<sup>th</sup> day of July 2017, does hereby adopt this ordinance pursuant to the power granted to the City of Chesterfield under Chapter 89 of the Revised Statutes of the State of Missouri authorizing the City Council to exercise legislative power pertaining to planning and zoning.

Section 4. This ordinance and the requirements thereof are exempt from the warning and summons for violations as set out in Section 8 of the City of Chesterfield Unified Development Code.

Section 5. This ordinance shall be in full force and effect from and after its passage and approval.

Passed and approved this 2 day of Octoby, 2017.

PRESIDING OFFICER ATTEST:

Vickie Haso Vickie Hass, CITY CLERK

FIRST READING HELD: 9/18/2017

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Bob Nation, MAYOR

### P. Z. 09-2017 18385 Chesterfield Airport Road (Chesterfield Hockey Association Planning Commission 8/14/2017 Planning & Public Works Committee 08/24/2017 City Council 09/18/2017 & 10/02/2017

- 2. Trash enclosures: All exterior trash areas will be enclosed with a minimum six (6) foot high sight-proof enclosure complemented by adequate landscaping. The location, material, and elevation of any trash enclosures will be as approved by the City of Chesterfield on the Site Development Plan.
- I. ACCESS/ACCESS MANAGEMENT
- 1. Access to the development shall be as shown on the Preliminary Site Plan attached hereto as Attachment "B" and adequate sight distance shall be provided, as directed by the City of Chesterfield, the Missouri Department of Transportation and St. Louis County Department of Transportation, as applicable.
- 2. If adequate sight distance cannot be provided at the access location(s), acquisition of right of way, reconstruction of pavement and other offsite improvements may be required to provide the required sight distance as required by the City of Chesterfield and the agency in control of the right of way off which the access is proposed.
- 3. Access to this development from Chesterfield Airport Road shall be as directed by the Saint Louis County Department of Transportation. Cross-access easements shall be provided as necessary to allow for access through the adjacent property to Chesterfield Airport Road.
- 4. Provide cross-access easements as needed to the parcels to the south, east, and to the west as directed by the City of Chesterfield.
- 5. If any public roads are proposed within this development, the roads shall be designed to meet the current American Association of State and Highway Transportation Officials (AASHTO) Manual requirements and as directed by the Saint Louis County Department of Transportation.
- 6. Installation of landscaping and ornamental entrance monument or identification signage construction shall be reviewed by the Saint Louis County Department of Transportation for sight distance consideration and approved prior to installation or construction.
- 7. Upon connection of the Olive Street Road extension from Chesterfield Airport Road to the west, to Spirit of St. Louis Blvd to the east, the interim access road connecting to the development to the south shall be restricted at either its northern (south side of the new Olive Street

IN WITNESS WHEREOF, I have signed and sealed the foregoing the day and year first above written.

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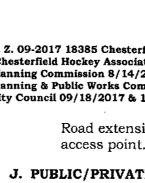
My commission expires:

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All provisions of the City of Chesterfield City Code shall apply to this development except as specifically modified herein. I. SPECIFIC CRITERIA

A. PERMITTED USES 1. The uses allowed in this "PC" Planned Commercial District shall be:

c. Art studio d. Auditorium e. Bakery f. Banquet facility g. Bar h. Barber- or beauty shop i. Bowling center j. Brewpub k. Coffee shop 1. College/university m. Drugstore and pharmacy n. Dry-cleaning establishment o. Financial institution, no drive-through



a. Animal grooming service

p. Grocery, community

r. Laundromat

q. Grocery, neighborhood

b. Art gallery

ATTACHMENT A

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s. Office – dental t. Office - general u. Office - medical v. Recreation facility w. Restaurant-fast-food x. Restaurant-sit-down y. Restaurant-take-out z. Retail sales establishment-community aa. Retail sales establishment-neighborhood bb. Self-storage facility cc. Specialized private school

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(Chesterfield Hockey Associatio Planning Commission 8/14/2017

dd. Theater, indoor

ee. Theater, outdoor

ff. Veterinary clinic

gg. Vocational school

hh. Vocational school with outdoor training

ii. Warehouse, general

2. All outdoor storage and / or outdoor sales activity shall be prohibited within this development.

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3. All drive through uses shall be prohibited within this development.

4. Hours of Operation.

a. Uses "m", "p", "q", "z", and "aa" listed above are considered retail uses and retail sales, with respect to those uses, will be subject to hours of operation from 6:00 AM to 11:00 PM. Hours of operation for said uses may be expanded for Thanksgiving Day and the day after Thanksgiving upon review and approval of a Special

Activities Permit, signed by the property owner and submitted to

# Planning Commission 8/14/2017 Planning & Public Works Committee 08/24/2017

standards, specifications, conform to MoDOT's Access Management

approved by MoDOT.

responsibility of the owner/developer. MoDOT will not provide any noise mitigation measures for this development.

11. Prior to Special Use Permit issuance by the Saint Louis County Department of Transportation, a special cash escrow or a special escrow supported by an Irrevocable Letter of Credit, must be established with the Saint Louis County Department of Transportation to guarantee completion of the required roadway improvements.

12. Provide adequate temporary off-street parking for construction employees. Parking on non-surfaced areas shall be prohibited in order to eliminate the condition whereby mud from construction and employee vehicles is tracked onto the pavement causing hazardous roadway and driving conditions.

13. The Olive Street Road extension shall be extended throughout the property as directed by the City of Chesterfield and Saint Louis County Department of Transportation. The typical section of the roadway to be constructed or escrowed, as directed by the Saint Louis County Department of Transportation, shall closely follow the Saint Louis County Standard Drawing C203.68. The right-of-way dedicated shall reflect the potential for a five (5) lane expansion per St. Louis County Standard Drawing C203.66 along with any easement required

# K. TRAFFIC STUDY

1. Provide a traffic study as directed by the City of Chesterfield and/or St. Louis County Department of Transportation. The developer's additional road improvement obligation and traffic signal improvements shall be as determined by the approved study. The scope of the study shall include internal and external circulation and may be limited to site specific impacts, such as the need for additional lanes, entrance configuration, geometrics, sight distance, traffic signal modifications or other improvements required, as long as the density of the proposed development falls within the parameters of the City's traffic model. Should the density be other than the density

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Road extension) or southern (north side of Chesterfield Airport Road)

J. PUBLIC/PRIVATE ROAD IMPROVEMENTS, INCLUDING PEDESTRIAN CIRCULATION

1. Any request to install a gate at the entrance to this development must be approved by the City of Chesterfield and the agency in control of the right of way off of which the entrance is constructed. No gate installation will be permitted on public right of way.

2. If a gate is installed on a street in this development, the streets within the development, or that portion of the development that is gated, shall be private and remain private forever.

3. Provide street connections to the adjoining properties as directed by the City of Chesterfield. Stub street signage, in conformance with Article 04-09 of the Unified Development Code of the City of Chesterfield, shall be posted within thirty (30) days of the street pavement being placed.

4. Provide a five (5) foot wide sidewalk, conforming to ADA standards, along all frontages of the site. The sidewalk shall provide for future connectivity to adjacent developments and/or roadway projects. The sidewalk may be located within right of way controlled by another agency, if permitted by that agency or on private property within a six (6) foot wide sidewalk, maintenance and utility easement dedicated to the City of Chesterfield.

5. Obtain approvals from the City of Chesterfield, St. Louis County Department of Transportation, and the Missouri Department of Transportation and other entities as necessary for locations of proposed curb cuts and access points, areas of new dedication, and roadway improvements.

6. Additional right of way and road improvements shall be provided, as required by the Missouri Department of Transportation, St. Louis County Department of Transportation, and the City of Chesterfield.

7. Any work within MoDOT's right of way will require a MoDOT permit 8. The petitioner shall provide adequate detention and / or hydraulic

calculations for review and approval of all storm water that will affect MoDOT right of way.

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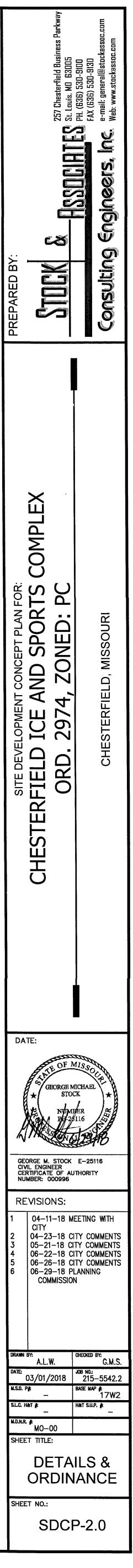
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City Council 09/18/2017 & 10/02/2017 9. All proposed work in MoDOT right of way must comply with MoDOT

Guidelines with detailed construction plans being received and

10. Due to the close proximity to Interstate 64, sound mitigation is the

for future traffic control installations.



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- designed.
- 5. The lowest opening of all structures shall be set at least two (2) feet high water.
- Sewer District.
- 7. The developer shall be responsible for construction of any required permanent storm water improvements are constructed.
- 8. The developer may elect to propose alternate geometry, size and/or

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# **IV.GENERAL CRITERIA**

- A. SITE DEVELOPMENT CONCEPT PLAN
- Chesterfield Code to indicate proposed landscaping along arterial and
- collector roadways.
- Chesterfield Levee District, Spirit of St. Louis Airport and the Missouri Department of Transportation.
- Site Guidance as adopted by the City of Chesterfield.
- **B. SITE DEVELOPMENT PLAN SUBMITTAL REQUIREMENTS** The Site Development Plan shall include, but not be limited to, the following:
- greater than one (1) inch equals one hundred (100) feet.
- 2. Outboundary plat and legal description of property.
- 3. Density calculations.
- handicap designed.
- separate percentage for each lot on the plan. 6. Provide Floor Area Ratio (F.A.R.).
- 7. A note indicating all utilities will be installed underground.

improvements shall be required, as directed by the City of Chesterfield and/or the Missouri Department of Transportation.

by the City of Chesterfield.

L. POWER OF REVIEW

Either Councilmember of the Ward where a development is proposed or the Mayor may request that the plan for a development be reviewed and approved by the entire City Council. This request must be made no later than twenty-four (24) hours after Planning Commission review. The City Council will then take appropriate action relative to the proposal. The plan for a development, for purposes of this section, may include the site development plan, site development section plan, site development concept plan, landscape plan, lighting plans, architectural elevations, sign package or any amendment thereto.

assumed in the model, regional issues shall be addressed as directed

Chesterfield, for the proposed entrance onto public right of way. If

adequate sight distance cannot be provided at the access location,

acquisition of right of way, reconstruction of pavement, including

correction to the vertical alignment, and/or other off-site

2. Provide a sight distance evaluation report, as required by the City of

# M. STORM WATER

- 1. The site shall provide for the positive drainage of storm water and it shall be discharged at an adequate natural discharge point or connected to an adequate piped system.
- 2. Detention/retention and channel protection measures are to be provided in each watershed as required by the City of Chesterfield. The storm water management facilities shall be operational prior to paving of any driveways or parking areas in non-residential development or issuance of building permits exceeding sixty percent (60%) of approved dwelling units in each plat, watershed or phase of residential developments. The location and types of storm water management facilities shall be identified on the Site Development Plan(s).
- 3. Emergency overflow drainage ways to accommodate runoff from the 100-year storm event shall be provided for all storm sewers, as directed by the City of Chesterfield.

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- least one (1) foot above the base flood elevation. Consult Article 5 of the Unified Development Code for specific requirements.
- 8. Streetlights shall be required along public right of way frontage.
- 9. The developer is advised that utility companies will require compensation for relocation of their facilities within public road rightof-way. Utility relocation cost shall not be considered as an allowable credit against the petitioner's traffic generation assessment contributions. The developer should also be aware of extensive delays in utility company relocation and adjustments. Such delays will not constitute a cause to allow occupancy prior to completion of road improvements.

### II. TIME PERIOD FOR SUBMITTAL OF SITE DEVELOPMENT CONCEPT PLANS AND SITE DEVELOPMENT PLANS

- A. The developer shall submit a concept plan within eighteen (18) months of City Council approval of the change of zoning.
- B. In lieu of submitting a Site Development Concept Plan and Site Development Section Plans, the petitioner may submit a Site Development Plan for the entire development within eighteen (18) months of the date of approval of the change of zoning by the City.
- C. Failure to comply with these submittal requirements will result in the expiration of the change of zoning and will require a new public hearing.
- D. Said Plan shall be submitted in accordance with the combined requirements for Site Development Section and Concept Plans. The submission of Amended Site Development Plans by sections of this project to the Planning Commission shall be permitted if this option is utilized.
- E. Where due cause is shown by the developer, the City Council may extend the period to submit a Site Development Concept Plan or Site Development Plan for eighteen (18) months.

# **III. COMMENCEMENT OF CONSTRUCTION**

- A. Substantial construction shall commence within two (2) years of approval of the Site Development Concept Plan or Site Development Plan, unless otherwise authorized by ordinance.
- **B.** Where due cause is shown by the developer, the City Council may extend the period to commence construction for two (2) additional years.

PREPARED FOR: 2199 INNERBELT BUSINESS CENTER OVERLAND, MO 63114

CHESTERFIELD HOCKEY ASSOCIATION, INC. THE STAENBERG GROUP 2127 INNERBELT BUSINESS CENTER DR. SUITE 310 ST. LOUIS, MO 63114

4. Offsite storm water shall be picked up and piped to an adequate natural discharge point. Such bypass systems must be adequately

higher than the one hundred (100) year high water elevation in detention/retention facilities. All structures shall be set at least thirty (30) feet horizontally from the limits of the one hundred (100) year

6. Locations of site features such as lakes and detention ponds must be approved by the City of Chesterfield and the Metropolitan St. Louis

storm water improvements per the Chesterfield Valley Master Storm Water Plan, as applicable, and shall coordinate with the owners of the properties affected by construction of the required improvements. In the event that the ultimate required improvements cannot be constructed concurrently with this development, the developer shall provide interim drainage facilities and establish sufficient escrows as guarantee of future construction of the required improvements, including removal of interim facilities. Interim facilities shall be sized to handle runoff from the 100-year, 24-hour storm event as produced by the Master Storm Water Plan model. The interim facilities shall provide positive drainage and may include a temporary pump station, if necessary. Interim facilities shall be removed promptly after the

type of storm water improvements that are functionally equivalent to the required improvements per the Chesterfield Valley Master Storm Water Plan. Functional equivalence is said to be achieved when, as determined by the Director of Public Works, the alternate proposal provides the same hydraulic function, connectivity, and system-wide benefits without adversely affecting any of the following: water surface profiles at any location outside the development; future capital expenditures; maintenance obligations; equipment needs; frequency of maintenance; and probability of malfunction. The City will consider, but is not obligated to accept, the developer's alternate plans. If the Director of Public Works determines that the developer's proposal may be functionally equivalent to the Chesterfield Valley Master Storm Water Plan improvements, hydraulic routing calculations will be performed to make a final determination of

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1. Any Site Development Concept Plan shall show all information required on a preliminary plat as required in the City of Chesterfield

2. Include a Conceptual Landscape Plan in accordance with the City of

3. Include a Lighting Plan in accordance with the City of Chesterfield Code to indicate proposed lighting along arterial collector roadways. 4. Provide comments/approvals from the appropriate Fire District, the St. Louis County Department of Transportation, Monarch

5. Compliance with the current Metropolitan St. Louis Sewer District

1. Location map, north arrow, and plan scale. The scale shall be no

4. Parking calculations. Including calculation for all off street parking spaces, required and proposed, and the number, size and location for

5. Provide openspace percentage for overall development including

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functional equivalence. The Director will consider the developer's proposal, but is not obligated to have the hydraulic analysis performed if any of the other criteria regarding functional equivalence will not be met. The hydraulic routing calculations regarding functional equivalence may be performed by a consultant retained by the City of Chesterfield. The developer shall be responsible for all costs related to consideration of an alternate proposal, which shall include any costs related to work performed by the consultant.

- 9. The developer shall provide all necessary Chesterfield Valley Storm Water Easements to accommodate future construction of the Chesterfield Valley Master Storm Water Plan improvements, and depict any and all Chesterfield Valley Master Storm Water Plan improvements on the Site Development Plan(s) and Improvement Plans. Maintenance of the required storm water improvements shall be the responsibility of the property owner unless otherwise noted.
- 10. All Chesterfield Valley Master Storm Water Plan improvements, as applicable, shall be operational prior to the paving of any driveways or parking areas unless otherwise approved.
- 11. The proposed development is within 1,000 feet of the levee. Design plans and construction documents shall be submitted to the Monarch-Chesterfield Levee District for review. All site improvements are subject to review and approval by the St. Louis District Corps of Engineers. That determination is made by the Corps of Engineers.
- 12. Formal MSD review, approval, and permits are required prior to construction. Approval from the Monarch Chesterfield Levee District indicating that the final plans conform to their master conveyance plan will be required prior to formal MSD plan approval.
- 13. Post Construction Best Management Practices (BMPs) are required to treat the extents of the project's disturbed area. Areas appear to be identified on the plan for BMPs, however the actual types of BMPs to be utilized are not indicated. As a new development site, BMPs with a volume reduction component (such as bioretention, pervious pavements, etc.) are necessary. It is recommended that geotechnical investigation be conducted in order to determine the depth to the seasonal high water table and alluvial sand layer, as these two factors will influence BMP design and performance. MSD will review and comment on the details of these facilities during formal plan review.

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- A note indicating signage approval is separate process.
- 9. Depict the location of all buildings, size, including height and distance from adjacent property lines, and proposed use.
- 10. Specific structure and parking setbacks along all roadways and property lines.
- 11. Indicate location of all existing and proposed freestanding monument signs
- 12. Zoning district lines, subdivision name, lot number, dimensions, and area, and zoning of adjacent parcels where different than site.
- 13. Floodplain boundaries.
- 14. Depict existing and proposed improvements within 150 feet of the site as directed. Improvements include, but are not limited to, roadways, driveways and walkways adjacent to and across the street from the site, significant natural features, such as wooded areas and rock formations, and other karst features that are to remain or be removed.
- 15. Depict all existing and proposed easements and rights-of-way within 150 feet of the site and all existing or proposed off-site easements and rights-of-way required for proposed improvements.
- 16. Indicate the location of the proposed storm sewers, detention basins, sanitary sewers and connection(s) to the existing systems.
- 17. Depict existing and proposed contours at intervals of not more than one (1) foot, and extending 150 feet beyond the limits of the site as directed.
- 18. Address trees and landscaping in accordance with the City of Chesterfield Code. 19. Comply with all preliminary plat requirements of the City of
- Chesterfield Subdivision Regulations per the City of Chesterfield Code 20. Signed and sealed in conformance with the State of Missouri
- Department of Economic Development, Division of Professional Registration, Missouri Board for Architects, Professional Engineers and Land Surveyors requirements.

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This contribution shall not exceed an amount established by multiplying the required parking spaces by the following rate schedule:

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Type of Development	<b>Required Contribution</b>
Recreational Uses General Office General Retail	\$524.92/parking space \$759.58/parking space \$2,278/parking space

If types of development differ from those listed, St. Louis County Department of Transportation will provide rates.

If a portion of the improvements required herein are needed to provide for the safety of the traveling public, their completion as a part of this development is mandatory.

Allowable credits for required roadway improvements will be awarded as directed by the St. Louis County Department of Transportation and the City of Chesterfield. Sidewalk construction and utility relocation, among other items, are not considered allowable credits.

B. As this development is located within a trust fund area established by Saint Louis County, any portion of the traffic generation assessment contribution which remains following completion of road improvements required by the development shall be retained in the appropriate trust

- C. Road Improvement Traffic Generation Assessment contributions shall be deposited with Saint Louis County Department of Transportation. The deposit shall be made prior to the issuance of a Special Use Permit (S.U.P.) by Saint Louis County Department of Transportation or prior to the issuance of building permits in the case where no Special Use Permit is required. If development phasing is anticipated, the developer shall provide the Traffic Generation Assessment contribution prior to the issuance of building permits for each phase of development. Funds shall be payable to Treasurer, Saint Louis County.
- D. The amount of all required contributions for roadway, storm water and primary water line improvements, if not submitted by January 1, 2018, shall be adjusted on that date and on the first day of January in each succeeding year thereafter in accordance with the construction cost index as determined by the Saint Louis County Department of Transportation.

E. WATER MAIN

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2. Sanitary service is shown on the plan and is proposed to connect to the Valley Village Pump Station. That pump station's capacity will need to be evaluated by the developer's engineering consultant during formal plan review to assess its ability to accommodate this development as well as the properties it already serves. Upgrades to the pump station and/or additional storage will be required if the development cannot be served within its current level of service. Additional offsite easements may be necessary if warranted improvements cannot be accomplished within the limits of existing easements.

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14. The project is located within the Caulks Creek Impact area, and subject to the Caulks Creek Surcharge. The surcharge will be assessed and collected during formal plan review.

## N. SANITARY SEWER

Sanitary Sewers shall be as approved by the City of Chesterfield and the Metropolitan St. Louis Sewer District.

# O. GEOTECHNICAL REPORT

Prior to Site Development Plan approval, provide a geotechnical report, prepared by a registered professional engineer licensed to practice in the State of Missouri, as directed by the City of Chesterfield. The report shall verify the suitability of grading and proposed improvements with soil and geologic conditions and address the existence of any potential sinkhole, ponds, dams, septic fields, etc., and recommendations for treatment. A statement of compliance, signed and sealed by the geotechnical engineer preparing the report, shall be included on all Site Development Plans and Improvement Plans.

## P. MISCELLANEOUS

1. All utilities will be installed underground.

2. Public art work shall be provided and installed by the Developer in this development. General areas where public art may be placed shall be indicated on the appropriate Site Development Plan. The specific details for the public art, such as location, size, placement, type, etc., shall be approved by the City of Chesterfield.

3. An opportunity for recycling will be provided. All provisions of Chapter 25, Article VII, and Section 25-122 thru Section 25-126 of the City Code shall be required where applicable.

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21. Provide comments/approvals from the appropriate Fire District, Monarch Levee District, Spirit of St. Louis Airport, Metropolitan St. Louis Sewer District (MSD) and the Missouri Department of Transportation.

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22. Compliance with Sky Exposure Plane.

23. Compliance with the current Metropolitan St. Louis Sewer District Site Guidance as adopted by the City of Chesterfield.

C. SITE DEVELOPMENT SECTION PLAN SUBMITTAL REQUIREMENTS The Site Development Section Plan shall adhere to the above criteria and

to the following: 1. Location map, north arrow, and plan scale. The scale shall be no greater than one (1) inch equals one hundred (100) feet.

2. Parking calculations. Including calculation for all off street parking spaces, required and proposed, and the number, size and location for handicap designed.

3. Provide openspace percentage for overall development including separate percentage for each lot on the plan.

4. Provide Floor Area Ratio (F.A.R.).

5. A note indicating all utilities will be installed underground. 6. A note indicating signage approval is separate process.

7. Depict the location of all buildings, size, including height and distance from adjacent property lines and proposed use.

8. Specific structure and parking setbacks along all roadways and property lines.

9. Indicate location of all existing and proposed freestanding monument signs.

10. Zoning district lines, subdivision name, lot number, lot dimensions, lot area, and zoning of adjacent parcels where different than site. Floodplain boundaries.

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> The primary water line contribution is based on gross acreage of the development land area. The contribution shall be a sum of \$916.54 per acre for the total area as approved on the Site Development Plan to be used solely to help defray the cost of constructing the primary water line serving the Chesterfield Valley area.

> The primary water line contribution shall be deposited with the Saint Louis County Department of Transportation. The deposit shall be made before Saint Louis County approval of the Site Development Plan unless otherwise directed by the Saint Louis County Department of Transportation. Funds shall be payable to Treasurer, Saint Louis County.

# F. STORM WATER

The storm water contribution is based on gross acreage of the development land area. These funds are necessary to help defray the cost of engineering and construction improvements for the collection and disposal of storm water from the Chesterfield Valley in accordance with the Master Plan on file with and jointly approved by Saint Louis County and the Metropolitan St. Louis Sewer District. The amount of the storm water contribution will be computed based on \$2,907.99 per acre for the total area as approved on the Site Development Plan.

The storm water contributions to the Trust Fund shall be deposited with the Saint Louis County Department of Transportation. The deposit shall be made prior to the issuance of a Special Use Permit (S.U.P.) by Saint Louis County Department of Transportation or prior to the issuance of building permits in the case where no Special Use Permit is required. Funds shall be payable to Treasurer, Saint Louis County.

## G. SANITARY SEWER

1. The sanitary sewer contribution is collected as the Caulks Creek impact fee.

2. The sanitary sewer contribution within Chesterfield Valley area shall be deposited with the Metropolitan St. Louis Sewer District as required by the District.

# H. RECORDING

Within sixty (60) days of approval of any development plan by the City of Chesterfield, the approved Plan will be recorded with the St. Louis County

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- 4. Road improvements and right of way dedication shall be completed prior to the issuance of an occupancy permit. If development phasing is anticipated, the developer shall complete road improvements, right of way dedication, and access requirements for each phase of development as directed by the City of Chesterfield and Saint Louis County Department of Transportation. Delays due to utility relocation and adjustments will not constitute a cause to allow occupancy prior to completion of road improvements.
- 5. Prior to record plat approval, the developer shall cause, at his expense and prior to the recording of any plat, the reestablishment, restoration or appropriate witnessing of all Corners of the United States Public Land Survey located within, or which define or lie upon, the out boundaries of the subject tract in accordance with the Missouri Minimum Standards relating to the preservation and maintenance of the United States Public Land Survey Corners, as necessary.
- 6. Prior to final release of subdivision construction deposits, the developer shall provide certification by a registered land surveyor that all monumentation depicted on the record plat has been installed and United States Public Land Survey Corners have not been disturbed during construction activities or that they have been reestablished and the appropriate documents filed with the Missouri Department of Natural Resources Land Survey Program, as necessary.
- 7. If any development in, or alteration of, the floodplain is proposed, the developer shall submit a Floodplain Study and Floodplain Development Permit/Application to the City of Chesterfield for approval. The Floodplain Study must be approved by the City of Chesterfield prior to the approval of the Site Development Plan, as directed. The Floodplain Development Permit must be approved prior to the approval of a grading permit or improvement plans. If any change in the location of the Special Flood Hazard Area is proposed, the Developer shall be required to obtain a Letter of Map Revision (LOMR) from the Federal Emergency Management Agency. The LOMR must be issued by FEMA prior to the final release of any escrow held by the City of Chesterfield for improvements in the development. Elevation Certificates will be required for any structures within the Special Flood Hazard Area or the Supplemental Protection Area. All new roads within and adjacent to this site shall be constructed at least one (1) foot above the base flood elevation of the Special Flood Hazard Area. Improvements to existing roadways shall be required as necessary to provide at least one access route to each lot that is at

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- 12. Depict existing and proposed improvements within 150 feet of the site as directed. Improvements include, but are not limited to, roadways, driveways and walkways adjacent to and across the street from the site, significant natural features, such as wooded areas and rock formations, and other karst features that are to remain or be removed.
- 13. Depict all existing and proposed easements and rights-of-way within 150 feet of the site and all existing or proposed off-site easements and rights-of-way required for proposed improvements.
- 14. Indicate the location of the proposed storm sewers, detention basins, sanitary sewers and connection(s) to the existing systems.
- 15. Depict existing and proposed contours at intervals of not more than one (1) foot, and extending 150 feet beyond the limits of the site as
- 16. Address trees and landscaping in accordance with the City of Chesterfield Code.
- 17. Comply with all preliminary plat requirements of the City of Chesterfield Subdivision Regulations per the City of Chesterfield
- 18. Signed and sealed in conformance with the State of Missouri Department of Economic Development, Division of Professional Registration, Missouri Board for Architects, Professional Engineers and Land Surveyors requirements.
- 19. Provide comments/approvals from the appropriate Fire District, Monarch Levee District, Spirit of St. Louis Airport, St. Louis Department of Highways and Traffic, Metropolitan St. Louis Sewer District (MSD) and the Missouri Department of Transportation.
- 20. Compliance with Sky Exposure Plane.
- 21. Compliance with the current Metropolitan St. Louis Sewer District Site Guidance as adopted by the City of Chesterfield.
- V. TRUST FUND CONTRIBUTION
- A. The developer shall be required to contribute a Traffic Generation Assessment contribution to the Chesterfield Valley Trust Fund (No. 556).

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Recorder of Deeds. Failure to do so will result in the expiration of approval of said plan and require re-approval of a plan by the Planning Commission.

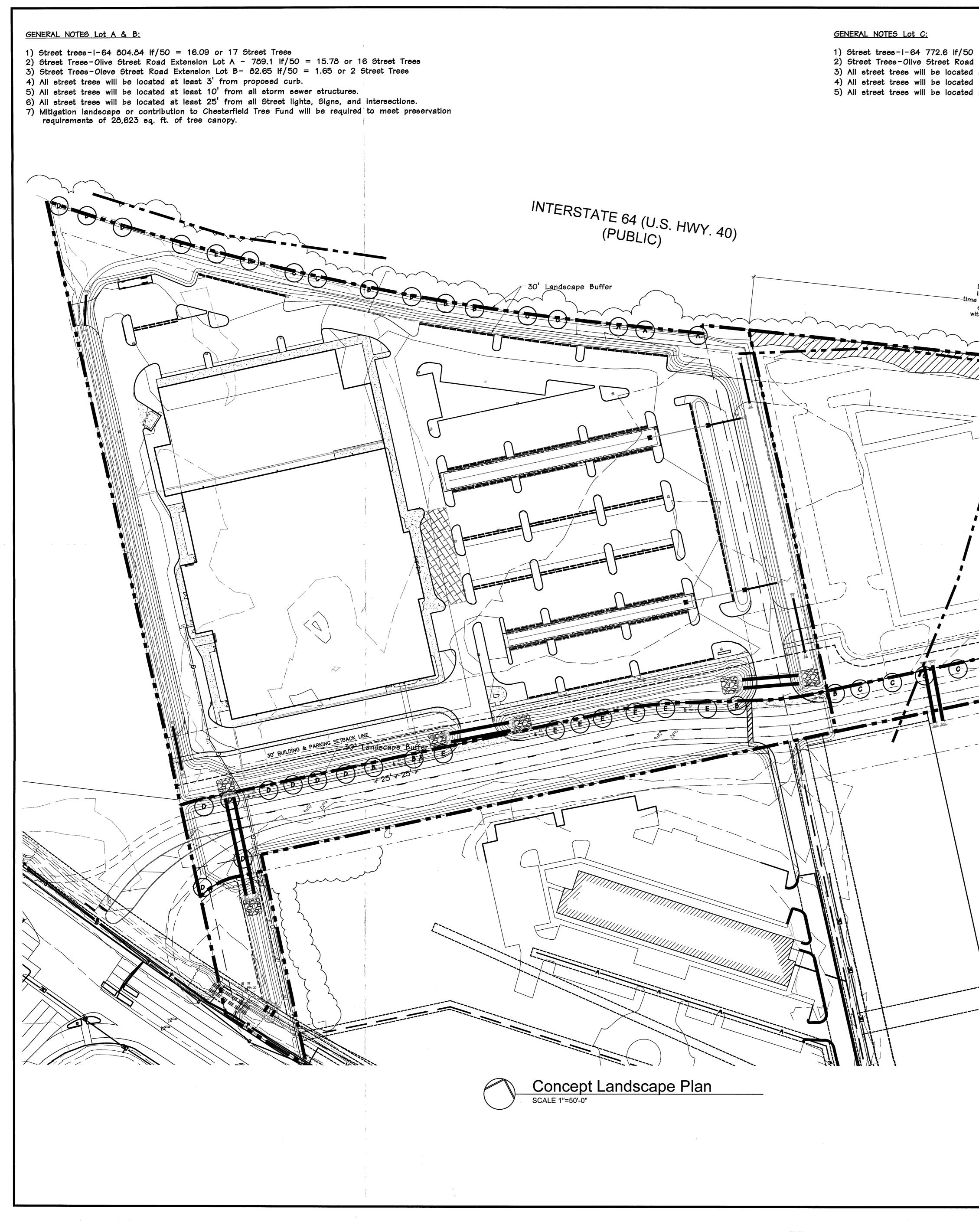
# I. ENFORCEMENT

- 1. The City of Chesterfield, Missouri will enforce the conditions of this ordinance in accordance with the Plan approved by the City of Chesterfield and the terms of this Attachment A.
- 2. Failure to comply with any or all the conditions of this ordinance will be adequate cause for revocation of approvals/permits by reviewing Departments and Commissions.
- Non-compliance with the specific requirements and conditions set forth in this Ordinance and its attached conditions or other Ordinances of the City of Chesterfield shall constitute an ordinance violation, subject, but not limited to, the penalty provisions as set forth in the City of Chesterfield Code.
- 4. Waiver of Notice of Violation per the City of Chesterfield Code.
- 5. This document shall be read as a whole and any inconsistency to be integrated to carry out the overall intent of this Attachment A.

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